ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
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March 21, 2005

Mr. David Chiusano, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services
625 Broadway, 12th Floor
Albany, New York 12233-7013

Re: Mr. C's Dry Cleaners site, Contract Number D004180, Site Number 9-15-157, Final Construction Certification Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P. C. (EEEPC) is pleased to submit three (3) copies of the final Construction Certification Report for the Mr. C's Dry Cleaners site project performed from October 2001 to May 2004. The certification report follows the outline developed by EEEPC and accepted by the Department in October 2003. At your request two (2) bound copies of the final certification report have been transmitted to Mr. Gregory Sutton, P.E., at the Region 9 NYSDEC office in Buffalo, New York.

Copies of the final document, daily and weekly reports, and operations and maintenance document will be sent out for archival scanning. Disk copies of these final project records will be transmitted to you and Mr. Sutton upon completion by EEEPC's subcontractor. All other project-related records and contractor-submitted documents will be retained by EEEPC and placed in secured storage at our warehouse in Lancaster, New York.

If you have any further question regarding the final submission and final project status, please call me at 716-684-8060.

Very truly yours;

**Ecology and Environment Engineering, P. C.**

Michael G. Steffan
Project Manager

cc: D. Miller, E&E - Buffalo
G. Jones, E&E - Buffalo
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# FINAL
# Construction Closure and Certification Report
# Mr. C's Dry Cleaners
# Remedial Construction Contract
# Village of East Aurora,
# Erie County, New York

**Site Number: 9-15-157**

**March 2005**

**Prepared for:**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**
Division of Hazardous Waste Remediation
625 Broadway
Albany, New York 12233-7013

**Prepared by:**

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# List of Abbreviations and Acronyms

| | |
|---|---|
| ACM | asbestos-containing material |
| Anastasi | Anastasi Trucking and Paving Company |
| AS/SVE | Air Sparging/Soil Vapor Extraction |
| ASP | analytical services protocol |
| BFI | Browning-Ferris Industries |
| bgs | below ground surface |
| $BOD_5$ | five-day biological oxygen demand |
| C&D | construction and demolition |
| CAMP | Community air monitoring program |
| CAP | Contractor Application for Payment |
| CEI | Classic Environmental, Inc. |
| CLP | Contract Laboratory Program |
| CO | change order |
| COD | chemical oxygen demand |
| DW | DW Environmental, Inc. |
| EEEPC | Ecology and Environment Engineering, P.C. |
| GAC | granular activated carbon |
| HASP | Health and Safety Plan |
| HDPE | high-density polyethylene |
| Kulback's | Kulback's Construction, Inc. |
| $\mu g/m^3$ | micrograms per cubic meter |
| MEK | methyl-ethyl ketone |
| MPI | Malcolm Pirnie, Inc. |
| Mr. C's | Mr. C's Dry Cleaners site |
| MSDS | material safety data sheets |
| MTBE | methyl-tert butyl ether |
| NEEP | North East Environmental Products |
| NIOSH | National Institute of Occupational Safety and Health |
| Nothnagle | Nothnagle Drilling |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOT | New York State Department of Transportation |
| O&M | operation and maintenance |
| PCE | tetrachloroethene or tetrachloroethylene |
| PCO | Potential Change Order |
| PERC | tetrachloroethylene, perchloroethylene, and perchloroethene |
| PID | photoionization detector |
| psi | pounds per square inch |
| PVC | polyvinyl chloride |

## List of Abbreviations and Acronyms (cont.)

| | |
|---|---|
| QA/QC | quality assurance/quality control |
| RFI | request for further information |
| RI | remedial investigation |
| ROD | Record of Decision |
| ROW | right-of-way |
| SAP | Sampling and Analysis Plan |
| SOW | statement of work |
| SSO | Site Safety Officer |
| TAGM | Technical and Administrative Guidance Memorandum |
| TCL | Target Compound List |
| TDS | total dissolved solids |
| TSS | total suspended solids |
| Tyree | The Tyree Organization, Ltd. |
| USEPA | United States Environmental Protection Agency |
| VEADPW | Village of East Aurora Department of Public Works |
| VOC | volatile organic compound |

# 1 Site Background

## 1.1 Site Location and Description

The Mr. C's Dry Cleaners (Mr. C's) site is located at 586 Main Street in the village of East Aurora in Erie County, New York (see Figure 1-1). The site is located on an approximately 0.5-acre parcel in a mixed-use area of residential, municipal, and light-commercial properties. The building that houses Mr. C's is a one story building on a concrete slab foundation with an adjacent paved parking lot. Mr. C's occupies the front portion of the building along Main Street and the remainder of the building is occupied by various other commercial businesses. Refer to Figure 1-2 for a site vicinity map.

## 1.2 Site History

Mr. C's has been in operation as a dry cleaning facility since 1970. Prior to that, the property was used for several other commercial uses, including laundry services, auto repair/painting, and as a hotel. In December 1991, residents complained about unusual odors on a neighboring property southwest of the site, so the New York State Department of Environmental Conservation (NYSDEC) investigated the site. Subsequently, NYSDEC collected air samples in basements, as well as soil vapor, groundwater, and sanitary sewer samples on several occasions and detected the presence of tetrachloroethene (PCE). The site was therefore designated a Class 2 Hazardous Waste Site (Site Number 9-15-157) by NYSDEC, and is believed to pose a significant risk to public health and the environment. A remedial investigation (RI) was conducted in 1994 by Malcolm Pirnie, Inc., (MPI) and the highest concentration of PCE was found beneath the Mr. C's building. The RI also determined the horizontal and vertical extents of the contamination and found that other contaminants at the site consisted of petroleum hydrocarbons, volatile organic compounds (VOCs), and other compounds resulting from PCE or tetrachloroethylene, perchloroethylene, and perchloroethene (PERC) degradation. A feasibility study was completed in November 1996 by MPI, which recommended remediation of the source plume using in situ air-stripping wells. A remedial action consisting of the installation of eight in situ air-stripping wells was selected and a Record of Decision (ROD) was signed in March 1997. Additional predesign investigations were conducted in December 1998 and April 1999 by MPI to confirm the limits of the groundwater contamination plume. An Explanation of Significant Differences was issued to the ROD by

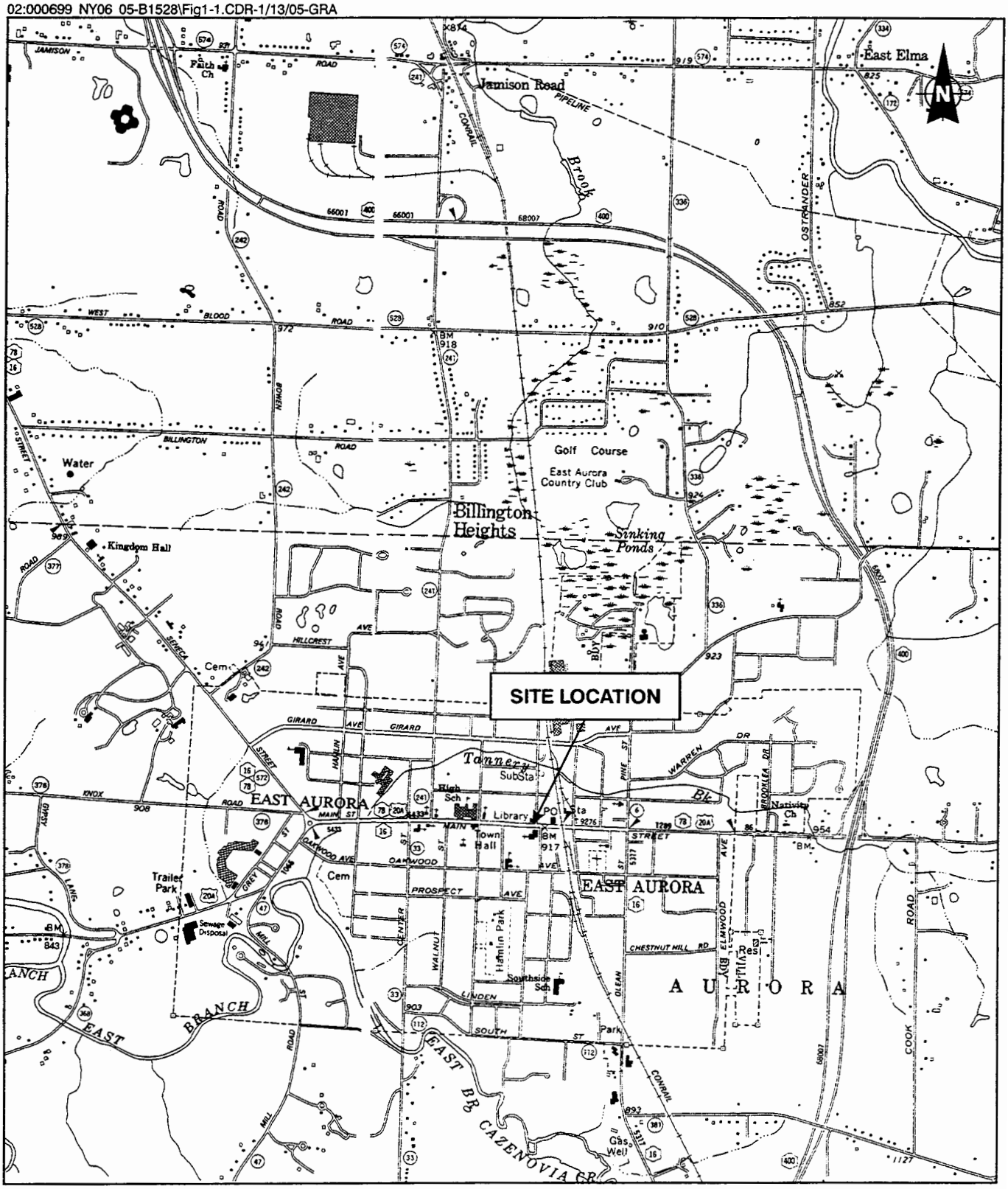
NYSDEC in April 2000 as justification for the modification of the selected remedy to a conventional groundwater pump and treat system. Remedial design, including the preparation of contract documents and drawings, was completed in October 2000 by MPI.

## 1.3 Purpose of this Report

Ecology and Environment Engineering, P.C. (EEEPC) was retained by NYSDEC under Work Assignment Number D003493-27 to provide pre-award and remedial construction oversight services. Tasks specified in the work plan submitted by EEEPC (March 2001) included assisting NYSDEC with issuing contract document addenda, supporting the pre-bid inspection, surveying, preparing temporary construction and permanent easements, reviewing contractor five- and 14-day submittals, attending pre-award and preconstruction meetings, conducting daily project inspections, reviewing contractor payment requests, responding to requests for project information, supplying photographic documentation, responding and reviewing potential change orders (PCOs), maintaining construction records, and preparing daily reports.

This report is intended to specifically provide a summary of the remedial construction activities that took place at the Mr. C's site, as described in Subtask 3.7A of EEEPC's work plan (approved in April 2001) and to document all contractor-developed information associated with the project.

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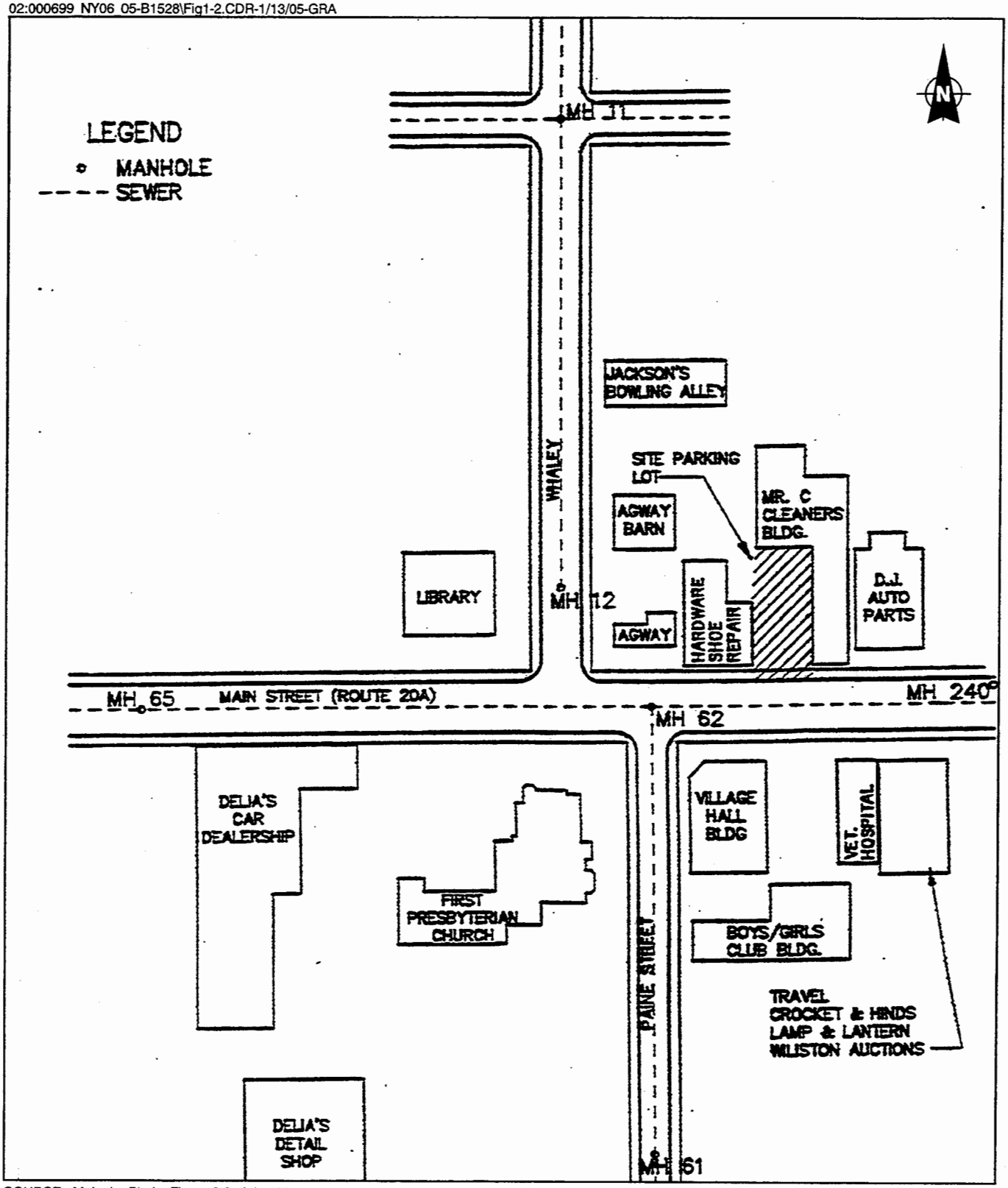



SOURCE: NYS Department of Transportation Raster Quadrangle, 1988.

**SCALE**

0 2,000 4,000 Feet

**Figure 1-1 Mr. C's Dry Cleaners Site Location Map**




SOURCE: Malcolm Pirnie, Figure 3-2, July 1994.

SCALE

0 100 200 Feet

**Figure 1-2 Mr. C's Dry Cleaners**
**Site Vicinity Map**

# 2 Summary of Pre-remedial Activities

## 2.1 General

### 2.1.1 Scope of Work

The project was broken into two separable parts of work: Remedial Construction (Separable Part A) and Operation and Maintenance (Separable Part B).

The remedial construction phase (Separable Part A) included the construction or installation of:

- Eight groundwater pumping wells and 30 observation piezometers;
- Approximately 1,100 linear feet of double-wall groundwater collection piping;
- Improvements within the designated groundwater treatment system space inside the Mr. C's building, including demolition and removal of existing utilities and fixtures;
- A groundwater treatment system consisting of a sequestering agent feed system, bag filters, a 3,000-gallon holding tank, a low-profile air stripper, and vapor-phase granular activated carbon (GAC);
- Approximately 1,400 linear feet of 4-inch diameter force main for discharge of treated groundwater to Tannery Brook; and
- Purging and sampling of existing and new groundwater monitoring and collection wells prior to remedial construction and at completion of 12 months of an operation and maintenance (O&M) program.

The initial O&M phase, or Separable Part B, consisted of a four-week startup/shakedown period for the groundwater treatment system and a 12-month O&M period following successful completion of the start-up/shakedown period. The Final Status Review of Tyree's completion of Separable Part B was provided to the NYSDEC and EEEPC on December 19, 2003, under separate cover.

### 2.1.2 General Project Schedule

NYSDEC advertised the bid for remedial construction at the Mr. C's site on April 24, 2001. Two separate addendums to the Contract Documents were issued on April 2, 2001, and May 23, 2001. A mandatory pre-bid meeting was held by NYSDEC at the site on May 16, 2001. Formal bids had to be received by NYSDEC in Albany by 1:00 p.m. on May 30, 2001. The summary breakdown of bids received during the public bidding process is provided in Appendix A. The Tyree Organization, Ltd. (Tyree) was the apparent low bidder with a total bid of $1,379,947.00 for remedial construction and O&M services. NYSDEC faxed and mailed a notification of apparent low bidder to Tyree on June 13, 2001, and a notice of intent to award was faxed and mailed to Tyree on July 12, 2001. As required by the contract documents, the five- and 14-day submittals were provided by Tyree and reviewed by EEEPC prior to the official notice to proceed. Tyree was given an official Notice to Proceed on October 15, 2001. A preconstruction meeting was held at EEEPC's office in Lancaster, New York on October 12, 2001. The preconstruction meeting minutes have been provided as a basis of all organization and management of the project (Appendix B).

Tyree officially mobilized to the site and began establishing the work area on October 15, 2001. Tyree departed the site on January 2, 2002, to perform off-site work (i.e., fabrication of treatment equipment and appurtenances) and returned to the site the following year on March 5, 2002, to resume fieldwork activities. The majority of construction activities were completed as of July 9, 2002, and a wet test of the treatment system was performed at that time. Substantial completion of Separable Part A occurred when continuous 24-hour automatic operation of the treatment system began on September 6, 2002. Substantial completion inspection of Separable Part A was performed by EEEPC and NYSDEC on September 18, 2002. A punch list of minor incomplete work items was prepared and submitted with the certificate of substantial completion for Tyree to complete on September 30, 2002. (See Section 4.6 for additional discussion on the Substantial Completion of Separable Part A.) Officially, the 365 days of Separable Part B, O&M services, began on September 6, 2002, with completion on September 6, 2003. A Separable Part B inspection was performed by NYSDEC and EEEPC on September 17, 2003. A punch list of minor incomplete work items was prepared and submitted with the certificate of substantial completion for Tyree to complete on September 23, 2003 (see Section 5.6 for additional discussion on the Substantial Completion of Separable Part B). All outstanding project punch list items were finalized by Tyree on December 19, 2003, and the project proceeded to final closeout.

## 2.2 Contractor Work Plan Reviews

### 2.2.1 Work Plans

Work plans were developed by Tyree and submitted with the five-day submittal package required by Section III, Article 5 of the Contract Documents. Specific details and requirements that needed to be addressed for each plan were located in Section XI, Supplementary Specifications, of the Contract Documents. The spe-

cific project work plan or work plan consisted of a description of the procedures, methods, and materials for the tasks required in the remedial construction and procedures for construction water management, erosion control, site fencing, site security, and a project schedule. The plan further discussed the construction of the groundwater treatment plant and collection system, system startup, O&M, and handling of all project waste streams. EEEPC and NYSDEC reviewed the project work plan and returned the document to Tyree with comments. Tyree incorporated these comments into the revised work plan and resubmitted it as part of their 14-day submittal package. The final version of the project-specific work plan was approved for being in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.2 Sampling and Analysis Plan

A Sampling and Analysis Plan (SAP) was developed by Tyree and submitted with the five-day submittal package. The SAP described procedures for environmental sampling, sample preparation, sample transportation, and quality assurance/quality control (QA/QC) procedures to be implemented for any sampling performed during the remedial construction and O&M phases of work. The specific sampling plan included sampling and analytical methods for: soils prior to construction, baseline and postconstruction groundwater monitoring and collection wells, influent/effluent air from the stripping unit, treatment system startup, monthly O&M compliance, and postconstruction clearance. Any sampling and analysis for waste stream profile approval were accounted for by the specific bid item. Also included with the SAP was the QA/QC Plan of Tyree's proposed analytical laboratory for the project. EEEPC and NYSDEC reviewed the SAP and returned it to Tyree with comments. Tyree incorporated these comments into the SAP and resubmitted it as part of their 14-day submittal package. The final version of the plan was received and approved for being in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.3 Quality Assurance and Quality Control Plan

A QA/QC Plan regarding project control and analytical work was developed by Tyree and submitted with the five-day submittal package. It briefly described the testing and QA protocols for each separable task. Specific QA/QC protocols and analytical services protocol (ASP) category B deliverables in Contract Laboratory Program (CLP) formats were discussed for all analyses as a part of the plan. The final version of the plan was received and approved for being in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.4 Demolition Plan

A demolition plan was developed by Tyree and submitted with the five-day submittal package. The plan was intended to give descriptions of the methods, procedures, and materials intended for use in demolition tasks to accommodate the treatment system in allocated portions of the Mr. C's Building. The plan also discussed protection of neighboring occupants and a statement that demolition debris resulting from the remodeling of the space would be disposed of at a permitted

facility. EEEPC and NYSDEC reviewed the demolition plan and returned it to Tyree with comments. Tyree incorporated these comments into the demolition plan and resubmitted it as part of their 14-day submittal package. The final version of the plan was received on October 12, 2001, and approved as noted for being in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.5 Hydrogeologic Testing Plan

A hydrogeologic testing plan was developed by Tyree and submitted with the five-day submittal package. The plan outlined the procedures and materials to be used for the installation of pumping wells and piezometers, performance evaluation of pumping tests, decontamination, and the handling of water and drill cuttings. EEEPC and NYSDEC jointly reviewed the hydrogeologic testing plan and returned it to Tyree with comments. Tyree incorporated these comments into the hydrogeologic testing plan and resubmitted it as part of their 14-day submittal package. The final version of the plan was received and approved as in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.6 Excavation and Shoring Plan

As a part of the project, an excavation plan was developed by Tyree and submitted as a separate submittal package. The package was submitted to include a shoring plan to be used on all trench and general excavations where a trench box or shield was utilized. The document was prepared and reviewed by a licensed professional engineer in accordance with Section 02220 of the technical specifications.

This plan discussed the technical and safety procedures and equipment to be used by Tyree for the installation of the groundwater pumping line, force main, and appurtenances of the remedial project. The submittal was received on November 14, 2001, then reviewed and accepted by EEEPC on November 27, 2001, for meeting the requirements and being in compliance with the Contract Documents.

### 2.2.7 Transportation and Traffic Control Plan

A transportation and traffic control plan was developed by Tyree and submitted with the five-day submittal package. It included descriptions of intended waste haulers and hauling routes and times; intended traffic control procedures around the library and village streets including utilization of flagmen, barricades, and traffic detours, if necessary; and copies of permits of their intended waste transporters. EEEPC and NYSDEC reviewed Tyree's transportation and traffic control plan and returned it with comments. Tyree incorporated the comments into the work plan and resubmitted it as part of their 14-day submittal package. The final version of the plan was received on November 2, 2001, and approved as in compliance with the Contract Documents by EEEPC on November 3, 2001.

### 2.2.8 Asbestos Abatement Plan

A pre-renovation asbestos survey of the building was performed in October 2000 by Watts Engineers of Buffalo, New York, and was included in the Contract Documents as an addendum. Asbestos-containing materials (ACM) identified in

the survey included roof ductwork coating and roof patch tar. Therefore, only limited but necessary asbestos abatement was performed that affected the demolition work and equipment installation.

An asbestos abatement package was prepared by Tyree's subcontractor, Classic Environmental, Inc. (CEI) of Clifton Park, New York, and included as a part of Tyree's 14-day work plan submittal package. The package included a proposed schedule, list of engineering controls, material safety data sheets (MSDSs), licenses, resumes, medical clearance and certifications of proposed project personnel, a permit for the intended waste transporter, and a permit for the intended disposal facility (see Section 3.1 for details of the work performed). The final version of the plan was received on October 12, 2001, and approved as noted for being in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.9 Landscaping Plan

A landscaping plan was developed by Tyree as part of the five-day submittal package. The plan outlined the specific landscaping work that would be conducted during the remedial construction activities and included descriptions of procedures and materials to be used including: tree and plant protection, topsoil, soil amendments, commercial fertilizers, plant materials, and grass installation and maintenance. EEEPC and NYSDEC reviewed the work plan and returned it to Tyree with comments. Tyree incorporated these comments into their landscaping plan and resubmitted it as part of their 14-day submittal package. The final version of the plan was received on October 12, 2001, and approved as in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.2.10 Project Schedule of Values

The schedule of values for each individual bid item was provided by the contractor. The schedule of values or bid breakdown costs per Section III, Article 12 of the Contract Documents are used to review for any discrepancies, ambiguities, or conflicts encountered with the bids. The schedule is further used as a tool for measurement and payment along with the contractor's application for payment and contract price fluctuations for any adjustments in quantities that may occur during the work. The initial schedule submittal by Tyree was incomplete due to the lack of an individual bid breakdown and errors in the summation of the overall project cost. The schedule was resubmitted on November 8, 2001, and "approved as noted" by EEEPC on November 26, 2001. For purposes of providing supportive documentation to be used for later discussions, a copy of Tyree's bid breakdown and schedule of values has been provided as Appendix C.

### 2.2.11 Project Schedule

The project schedule describes the order that the contractor will perform work to allow for successful completion of the project in the time allotted. The Mr. C's project allotted 224 days from Notice to Proceed for the completion of Separable Part A and 365 days for Separable Part B (a total of 589 days initially to complete the project). The initial project schedule submittal by Tyree was incomplete be-

cause it was not submitted in the required form. The schedule was then resubmitted and approved as being in compliance with the contract schedule by EEEPC on October 23, 2001. A copy of Tyree's project schedule has been provided as Appendix D.

Tyree provided updates to the schedule of work at each progress meeting and as PCOs occurred. Additional discussion of the project schedule and delays is provided in Section 6.1.

## 2.3 Health and Safety Plan (HASP)

### 2.3.1 General

Tyree prepared a Health and Safety Plan (HASP) that outlined guidance and procedures pertaining to potential physical and chemical hazards, personnel training and medical surveillance, site monitoring, personal protective equipment, record keeping, decontamination, site control, and emergency response. The HASP was submitted for review as part of Tyree's five-day submittal package and was reviewed by EEEPC and NYSDEC. The designated Site Safety Officer (SSO) was Tyree's Site Superintendent, Mr. Robert Blow. The HASP was resubmitted after comments and a 14-day submittal was provided. The final version of the plan was received and approved as noted for being in compliance with the Contract Documents by EEEPC on October 23, 2001.

### 2.3.2 Decontamination of Equipment and Personnel

Tyree supplied a high-pressure washer and constructed a decontamination pad to collect and treat water used for decontaminating equipment and personnel. The decontamination pad was assembled within Tyree's fenced equipment staging area. In order to verify that the decontamination pad did not contribute to further contamination of the site, Tyree was required to collect surface soil samples in the decontamination pad's location prior to its construction and after its removal.

Tyree and its subcontractors used the decontamination pad to decontaminate drill augers, excavator buckets, and miscellaneous hand tools that may have come in contact with contaminated soil or groundwater. Water used during decontamination procedures was collected, filtered through GAC for capture of VOCs, and held in a portable 21,000-gallon fraculation tank to be fed into the treatment system after the unit became operational. Decontamination water samples were collected to determine the final method of disposal (see Section 3.10).

### 2.3.3 Contingency Measures

Tyree's site HASP has an emergency contingency section, including information about emergency alarms, notifications and procedures, evacuation routes and procedures, and procedures to be followed in the event of a spill, injury, fire, or explosion. Emergency telephone numbers and a map with the route to the nearest hospital were included as an attachment to the HASP. This information was also supplied to the village of East Aurora and town of Aurora officials.

### 2.3.4 Community Air Monitoring Program (CAMP)

Community air monitoring program (CAMP) procedures and action levels are outlined in Tyree's HASP. Doug Wetherhog of DW Environmental, Inc. (DW), Hilton, New York, performed real-time community air monitoring outside the exclusion zone during the discharge force main excavation work and installation of pumping wells and piezometers. As per the approved plan, Tyree performed community air monitoring outside the exclusion zone during influent groundwater force main excavation. Airborne particulates were monitored using a PDR 1000 particulate dust monitor and VOCs were monitored using a handheld photoionization detector (PID). The NYSDEC Technical and Administrative Guidance Memorandum (TAGM) Number 4031 action level for fugitive dust (150 micrograms per cubic meter [$\mu g/m^3$]) was exceeded only once, on May 21, 2002. Tyree used a water hose to wet down the area and excavation work was continued. In addition, petroleum odors were encountered during excavation activities for the influent groundwater force main. Tyree upgraded to Level C Personnel Protective Equipment and air samples were collected for hydrocarbon analysis by National Institute of Occupational Safety and Health (NIOSH) Method 1500. See Section 6.6.7 regarding additional issues with Tyree regarding interpretation of project health and safety claims.

## 2.4 Site Services Provided

Tyree provided the following site services for the duration of the project:

- Equipment and personnel trailers. A separate trailer was provided for NYSDEC/EEEPC's use;
- Site utilities included electricity, communications, and portable restrooms;
- Drinking water;
- Copier/fax machine;
- Garbage disposal;
- Snow removal;
- A project identification sign and a sign directing all visitors entering the site to sign-in at the field office; and
- Overnight security services by off-duty officers of the Village of East Aurora Police Department. As required by the contract, Tyree installed a temporary chain link fence to enclose and secure the equipment staging area, which was locked at the end of each workday. In addition, security lighting was installed (by change order) in order to protect the equipment staging area during off-hours and weekends.

## 2.5 Project Submittals and Shop Drawings

The submittal process is detailed in Sections 01300 and 01340 of the Supplementary Specifications (Section XI) of the Contract Documents. Tyree submitted a total of 137 shop drawing submittals, many of which were submitted requesting materials consistent with the project specification or as an "or equal" substitution. A copy of the complete Project Submittal and Shop Drawing Log is provided in Appendix E.

### 2.5.1 Equipment and Materials

Equipment and materials specified for use in this project were reviewed and approved by NYSDEC/EEEPC, as required in the Contract Documents. Equipment and materials that were submitted for approval by Tyree included: treatment equipment including pumps, piping, fittings, valves and controls, paving and backfill materials, precast concrete manholes, and chambers. See the Submittal and Shop Drawing Log provided in Appendix E for a full list of equipment and materials.

### 2.5.2 Methods and Procedures

As required by the Contract Documents, Tyree was required to submit a five-day and 14-day submittal package, which included the plans described in Section 2.2. In addition, Tyree submitted approvals for pressure testing procedures for the force mains, as well as trenching and excavation procedures.

Where concerns for the specific use of the approved methods or procedures were encountered, EEEPC issued requests for further information (RFIs) to clarify or understand Tyree's approach. Specific project RFIs are discussed in Section 6.1.2.

# 3 Summary of Remedial Activities – Separable Part A

## 3.1 General

Due to the extensive area involved with the remedial project, temporary and permanent construction easements were obtained from public and private property owners. EEEPC subcontracted title search and surveying services to Lu Engineers and NYSDEC's project manager provided letters to property owners in advance of the construction project.

Prior to any drilling and/or excavation activities, Tyree contacted the Village of East Aurora Department of Public Works (VEADPW) and the New York State Utility Locating Service to locate and mark underground utilities in the work area. Hand excavation was performed near all marked utilities to prevent damage. A building permit was obtained by Tyree from the Village of East Aurora Building Department on October 18, 2001. The building permit was required due to demolition and renovation of the existing building. A copy of the building permit is provided in Appendix F.

Tyree established the equipment and personnel staging area northwest of the proposed Mr. C's treatment building. Prior to establishment of the staging area, Tyree performed preconstruction surface sampling which was to be used to evaluate as a comparison with postconstruction cleanup levels. Analytical results are provided in Appendix G. The delineated area was secured with 6-foot high chain-link fencing with one 3-foot man gate and 16-foot double-acting access gate. The fencing had security slats in which to obscure the general equipment area from the general public. Two office trailers were placed in the fenced area to be used by Tyree and EEEPC personnel for project administration and equipment storage. Utilities were connected and the area was functional as the project's base of operations.

All project progress meetings and project discussions were held at the EEEPC site trailer.

## 3.2 Demolition Activities

Tyree subcontracted the majority of the treatment building demolition tasks to Kulback's Construction, Inc. (Kulback's) of Lancaster, New York. Demolition

tasks included the removal of existing carpeting, walls, framing, paneling, insulation, ceiling tiles, light fixtures, utilities, and an existing entrance mandoor in the designated space of the Mr. C's building to accommodate the new treatment equipment as well as a new louver, new mandoor, and a new overhead door.

In addition, Tyree used a pneumatic jackhammer and a concrete saw to demolish the existing floor slab in the treatment building in order to connect the buried lines with the interior plumbing of the treatment system and to install a low point building sump. The concrete was restored afterwards.

## 3.3 Groundwater Pumping Wells and Piezometer Installation

Tyree utilized a drilling subcontractor, Nothnagle Drilling (Nothnagle), Scottsville, New York, for well and piezometer installation, groundwater collection well development, 72-hour pump tests, and monitoring well decommissioning. A grain-size analysis based on previous soil samples from previous groundwater wells were reviewed by Tyree's geologist, Phil Holloway. The purpose of the review was to establish the proper screen size at the anticipated water bearing zone. Nothnagle installed pumping wells PW-2 through PW-8 and three to four observation piezometers surrounding each groundwater pumping well. Refer to the surveyed wells and Piezometer Survey Record Drawings in Appendix H for the locations. The project drilling logs for the new monitoring wells are provided in Appendix I. The groundwater collection wells were developed within 48 hours after installation. Monitoring wells MPI-8S and MPI-9S installed during the RI were decommissioned as a part of the contract scope of work on November 13, 2002. The casings were extracted and the boreholes were grouted in place with bentonite clay per the decommissioning proceeds of NYSDEC. After completing installation of the groundwater collection force mains to connect the pumping locations, Tyree installed approximately 2-foot long by 2-foot wide by 6-inch-thick concrete protective pads at the ground surface of each pumping well and piezometer. A discussion of pumping test results is included in Section 4.1.

## 3.4 Groundwater Monitoring Well Sampling

Tyree began conducting the first of two rounds of groundwater sampling on May 14, 2002. The plan called for Tyree to collect groundwater samples from on-site and off-site monitoring wells for VOC analysis. A total of 31 of the 45 existing monitoring wells were sampled along with eight newly installed pumping wells. The second round of groundwater monitoring well sampling was conducted in September 2003 at the end of one year of operation of the treatment system.

Tyree also purged and sampled wells RW-1 and PW-7 on March 6, 2002, for methyl-tert butyl ether (MTBE) and methyl-ethyl ketone (MEK) analyses. These analyses were requested by NYSDEC due to additional concerns that MTBE and MEK were contributing to the groundwater contamination from the adjacent Ag-

way remedial site, which is located on the northeast corner of the intersection of Main Street and Whaley Avenue. The treatment system design did not take MTBE or MEK into consideration. These two constituents would have to be evaluated further if high concentrations of the contaminants were present. The analytical results indicated that low concentrations of the contaminant MTBE were detected. Influent and effluent groundwater samples were collected and analyzed for MEK and MTBE at the time of system startup to evaluate the air stripper's treatment of MEK and MTBE. Analytical results demonstrated successful treatment of these contaminants with the use of the system air stripper.

The summary of analytical results of the pre and post groundwater monitoring well sampling program are provided in Section 6.6.5.

## 3.5 Treated Water Discharge Force Main Installation

Groundwater treated by the Mr. C's treatment system is discharged to the receiving stream (Tannery Brook) via a constructed force main beneath Whaley Avenue. The location of the force main was moved approximately 3 feet east of the location originally designated in the Contract Drawings to avoid extensive removal and restoration of concrete curbing and residential lawn restoration within the Whaley Avenue right-of-way (ROW). Approximately 1,347 linear feet of 4-inch inside diameter high-density polyethylene (HDPE) and three access/cleanout manholes were installed from the Mr. C's treatment system building to the outfall in Tannery Brook. Tyree utilized a subcontractor, Anastasi Trucking and Paving Company (Anastasi), Bowmansville, New York, for excavation and installation of the discharge force main, clean-out chambers, and the outfall; backfilling and compacting the excavation with select fill as described in the Contract Documents; and pavement restoration. Prior to the start of construction-related work, eight test pits were excavated throughout the project area. Samples were then taken to determine the disposal method for excavated spoils. The analytical results from that determination indicated that the spoils from the entire trench excavation could be disposed of as nonhazardous wastes. Anastasi performed the treated water force main installation work from November 8, 2001, to November 27, 2001. Excavation was performed with a Komatsu PC 120 excavator. Backfill was placed in approximately 12-inch lifts, as required by the Contract Documents, and compacted using a vibrating plate tamper. In coordination with the VEADPW, open excavations were avoided to the minimum extent practicable, but were covered overnight with steel road plates when required. Materials excavated from the force main trench were taken off site by Anastasi to the town of Tonawanda landfill as described in Section 3.9 as nonhazardous wastes. A waste profile application was submitted and approved for the excavated spoil materials. Three reinforced concrete cleanout/air release valve chambers/manholes were installed on Whaley Avenue for maintenance of the treated water discharge system. Concrete blocking was installed at each of the bends in the treated water discharge force main on November 19, 2001, to provide hydraulic thrust resistance resulting from forced discharge of the batched treated water from the Mr. C's treatment facility. Finally, the discharge piping system was pressure tested and accepted for

connection to the discharge of treated groundwater from the Mr. C's treatment facility on May 18, 2002. These pressure test results are further discussed in Section 4.2. The Record Drawings for the installation of the force main are provided as Appendix J.

## 3.6 Asbestos Abatement

Limited but necessary asbestos abatement was required as part of the demolition task. CEI was subcontracted for all asbestos abatement tasks. CEI was present on November 2, 2001, for the removal and disposal of approximately 75 square feet of roof flashing and 100 square feet of duct insulation. Personal air monitoring was conducted by CEI. Lozier Environmental Consulting, Inc., Rochester, New York, conducted ambient air monitoring during asbestos abatement activities. Documentation regarding notifications, pre- and post-asbestos air monitoring, and ACM disposal certification is provided as Appendix K.

## 3.7 Treatment Building Improvements

Tyree subcontracted the majority of treatment building improvement tasks in the Mr. C's building to Kulback's. Improvements included the installation of an overhead door, a separate mandoor, an exterior louver, interior drywall, building insulation, painting, and site utilities including water, electric, and telephone services. Kulback's subcontracted interior and exterior painting. Tyree subcontracted Superior Heating and Cooling Co. of Cheektowaga, New York, to perform the roof penetrations in the treatment building for the air stripper intake and exhaust. McGovern Electric Co. of Albany, New York, was subcontracted by Tyree to perform installation of all electrical power and controls within the treatment building, within the system, and to/from each groundwater pumping well.

## 3.8 Treatment Building Equipment Installation

Treatment building equipment including piping, valves, fittings, pumps, blowers, air strippers, bag filters, a sequestering agent feed system, GAC vessels and equipment sensors, instrumentation, and controls were installed by Tyree. The final location of all treatment equipment is given in the Record Drawings prepared by Tyree and included in this report as Appendix J. Some equipment, such as the low-profile air stripper, GAC vessels, and 3,000-gallon equalization holding tank, required more space than was allotted in the original Contract Drawings. Tyree provided a revised equipment floor plan, which indicated the tight quarters of all the treatment equipment to be placed in the building. The plan was issued as a shop drawing that was reviewed and accepted with comments by EEEPC. In addition, the air stripper submitted for use in this project did not require an influent pre-heater as the air stripper suggested in the Contract Documents. Therefore, the pre-heater required by the Contract Documents was not used for the project. As a result of a facility inspection by the Village of East Aurora Building Inspector, exit signs and smoke detectors were required pursuant to the New York State building code. EEEPC prepared a PCO for the compliance equipment to be installed. Tyree installed smoke detectors, exit signs, and additional soundproofing

and vibration controls, as recommended by the PCO from EEEPC during construction.

## 3.9 Groundwater Collection Force Main Installation

A double-walled HDPE piping system was installed with 1-inch inside diameter lines from each new pumping well into a common 4-inch inside diameter header pipe into the Mr. C's treatment building. Tyree performed this work using a Kobelco 135 SRLC excavator. Select fill was placed in approximately 12-inch lifts and compacted using a Wacker Jumping Jack plate tamper. On occasion, Tyree encountered concrete foundations on the Agway property in the force main excavations that required removal. Tyree installed two separate ¾-inch diameter, schedule 40 polyvinyl chloride (PVC) power and control conductors to each pumping well in these excavations per the Contract Drawings. The individual pump controllers were wired into the treatment building controls.

During trench excavation, Tyree encountered potentially contaminated soil on the Agway property, as determined visually and/or by PID screening. Although it was determined that most excavation spoils were not contaminated, any potentially contaminated soil was excavated, sampled, and set aside in a covered pile until sampling results were returned to determine the method of disposal or reuse. (See the Analytical Sampling Log Summary provided as Appendix L and Section 3.10 for further discussion of the disposal of excavated soils.)

Community air monitoring for VOCs and fugitive dust was performed during trenching and excavation for the groundwater force main and manholes. Community air monitoring indicated no exceedances in the ambient air quality during this task.

During the installation of both the treated discharge force main and the groundwater collection force mains, Tyree and its subcontractor consistently excavated outside the required pay limits set forth in the Contract Drawings. This resulted in the need for greater quantities of soil to be disposed of and additional select backfill. All additional costs associated with the increase in disposal and new backfill quantities were initially discussed with EEEPC's site representative and the additional costs were absorbed by Tyree.

The groundwater piping system was hydrostatically pressure tested on April 29, 2002, and accepted for connection to the treatment system on May 18, 2002. These results are further discussed in Section 4.2. The Record Drawings for the groundwater collection force main are provided as Appendix J.

## 3.10 Disposal of Project-Generated Waste Streams

Several different waste streams were generated during the course of remedial construction activities at Mr. C's. Prior to construction activities, Tyree was required to excavate and sample four test pits at various locations along Whaley Avenue

for soil characterization and disposal purposes. Soil samples were collected and analyzed for Target Compound List (TCL) VOCs from nine test pits performed along Whaley Avenue and along the influent piping corridor in the library parking lot.

Drill cuttings and soil excavated from beneath paved areas were disposed of off site. Prior to disposal, this material had to be characterized as hazardous or nonhazardous and disposed of accordingly. A total of approximately 2,030 tons of nonhazardous soil was excavated and disposed of off site. Excavated soil characterized as nonhazardous waste was disposed of at the Town of Tonawanda Municipal Landfill located at 791 East Park Drive in Tonawanda, New York. One load (approximately 15 tons) of drill cuttings with hazardous waste characteristics was disposed of at CWM Chemical Services' secured hazardous waste landfill in Model City, New York. In addition, approximately 6,000 pounds of spent GAC used during pump tests and in the temporary water treatment system was disposed of at Waste Management's landfill at 10860 Olean Road in Chaffee, New York. Pariso Trucking, Inc. of Buffalo, New York, was used to haul nonhazardous soil and Price Trucking Corporation of Buffalo, New York, was used to haul hazardous soil.

Waste profile applications were submitted and approved for all regulated solid and liquid wastes generated as a result of the construction of the pumping lines, pumping wells, discharge force main, and demolition and remodeling of the treatment facility. Manifests were prepared for each waste load and each load was weighed at a New York State Department of Transportation (NYSDOT) weigh station. EEEPC prepared and submitted a 2001 Annual Hazardous Waste Disposal Report with NYSDEC Form GM on behalf of NYSDEC for hazardous waste generated in calendar year 2001 at the Mr. C's site. A copy of the 2001 Annual Hazardous Waste Disposal Report is in Appendix M.

In addition, Tyree provided roll-off dumpsters from Browning-Ferris Industries (BFI) for the collection and disposal of construction and demolition (C&D) debris and regular municipal solid waste-type refuse generated by project personnel. These two dumpsters were collected by BFI and transported as C&D debris wastes to the Town of Tonawanda Municipal Landfill in Tonawanda, New York. ACMs generated at the site were disposed of at the Greenridge Reclamation Facility in East Huntington, Pennsylvania. Asphalt removed for trenching and excavation activities was taken off site and recycled by MacNamera Trucking of Elma, New York. A project Waste Manifest Tracking Log summarizing all project waste disposal is provided in Appendix N.

Liquid waste streams (e.g., water used during decontamination, water purged during well development and pump tests, and treatment system startup water) were stored in three 20,000 gallon fraculation tanks, processed through the completed operational treatment system, and sampled prior to discharge to the available street storm sewers or through the force main to Tannery Brook. Groundwater

samples and treated water samples were tested for target compound list VOCs. Analysis was required to verify that all discharge to Tannery Brook achieved the effluent discharge standards set forth in Addendum 1 of the Contract Documents. Analytical results from sampling indicated that all discharges to Tannery Brook were below the project regulatory standards. Discolored water generated during startup, as described in Section 4.4, was discharged to the sanitary sewer at a point on Whaley Avenue selected by the VEADPW Superintendent. Tyree completed a Sewer User Permit application for the VEADPW and submitted analytical results from the fraculation tank sample prior to discharging the discolored water.

## 3.11 Restoration

Tyree and its subcontractors were responsible for restoring any areas disturbed or damaged during remedial construction. Prior to excavation beneath paved areas in public rights of way, the trench limits were sawcut into the pavement to minimize the amount of restoration necessary. Anastasi restored the pavement to the satisfaction of the VEADPW over the treated water discharge force main in Whaley Avenue. Tyree subcontracted D & H Paving Company of Cheektowaga, New York, to repave and re-strip paved areas disturbed during the installation of the groundwater pumping force main and electrical feed line installation.

Tyree and Nothnagle restored grass and vegetation on properties where they were disturbed during drilling, trenching, and protective pad installation activities for groundwater well and piezometer covers. Tyree was responsible for site landscaping including bringing topsoil on site, and replacing trees, shrubs, and grass.

Concrete including curbs, driveway aprons, and sidewalks was restored by Tyree. Quality Inspection Services Co. of Buffalo, New York, was hired by Tyree to conduct quality assurance testing on the concrete, including air entrainment, slump, and temperature tests, per Section 03300 of the Supplementary Specifications section of the Contract Documents.

As a result of the groundwater pumping line installation, a number of boards surrounding library's dumpster facility were damaged. The damaged items were removed and replaced by Tyree.

Prior to construction, EEEPC noted extensive damage to the parking lot and driveway where placement of the groundwater pumping lines and electrical services were to be placed at the library owned by the Town of Aurora. Additional paving was subsequently requested from the Town of Aurora regarding the library driveways and parking lots. Their request was made due to the poor condition of the surfaces prior to construction and the lack of photo-documentation to establish the preconstruction condition. As directed by NYSDEC, EEEPC prepared a PCO to remove existing damaged pavement and install new sub-base stone, pavement, and stripping lines throughout the entire parking and driveway surface. Tyree subsequently provided PCO costs which were accepted in performance of the paving work. Tyree subcontracted D & H Paving Company of Cheektowaga, New

York, under PCO to repave and re-strip the entire asphalt-paved areas of the library disturbed after completion of the installation and testing of the groundwater collection pumping lines and electrical services.

## 3.12 Analytical Testing

Analytical services for the ambient air, soils, and water samples associated with the project were provided by four separate laboratories: Mitkem Corporation of Warwick, Rhode Island; Environmental Testing Laboratories, Inc., of Farmingdale, New York; Con-Test Analytical Laboratory of East Longmeadow, Massachusetts; and Waste Stream Technology, Inc., of Buffalo, New York. Mitkem Corporation performed VOC analyses on samples collected with the following waste streams: soil analyses from test pits, drill cuttings, force main and discharge main soil excavations; decontamination pad soil analyses; excavation spoil piles; RW-1 and PW-7 groundwater MTBE and MEK analyses; spent activated carbon; and air and water analysis collected during the system start up. Environmental Testing Laboratories performed analyses on air samples collected from the influent groundwater force main excavation, where petroleum odors were encountered. Con-Test Laboratory performed the analyses for all fugitive dust samples collected by DW Environmental during community air monitoring. Waste Stream Technology Inc. performed the VOC analyses on the water samples collected during the pump tests. EEEPC's subcontractor, EDV, Inc., of Pittsburgh, Pennsylvania performed data usability reviews on analytical QC information. These reviews determined that analytical results submitted were valid. A summary of sampling log is provided as Appendix L.

Preconstruction and postconstruction soil sampling was performed as a baseline at the site operations area to confirm that there were no increased levels of contamination at the site. The results of the analyses after closure by the contractor were less than the original analyses taken at project startup. Information on results is provided as Appendix G.

## 3.13 Surveying

Tyree subcontracted all pre- and postconstruction surveying work to James Shisler Surveying P.C. of East Aurora, New York. Required surveying work included locating pumping wells and piezometers for the drilling subcontractor and determining the horizontal coordinates and elevations of pumping wells, piezometers, electrical junction boxes, pumping well manhole locations, pipe bends, and the outfall headwall for inclusion in the record drawings. A copy of the field red line drawings from Tyree are included in Appendix M. A copy of the Record Drawings provided by Tyree are included as Appendix N. A copy of the final survey from surveyor James Shisler is provided in Appendix H.

# 4 Performance of Treatment Equipment and Support Infrastructure Improvement – Separable Part A

## 4.1 Monitoring Well Pump Test Performance

After installation of the eight pumping wells, pump tests were performed on by both Nothnagle and Tyree's geologist. The well selection was based on location and volume of groundwater to be pumped into the system for treatment. Pump test results for each well cluster were submitted by Tyree on December 4, 2001. Pump test results included a summary of observations, boring logs, well construction details, pump test data, and recharge data. These results are provided in Appendix O.

The original design called for an existing monitoring well to be reused as observation piezometer PZ-7D. Slug tests determined that the bottom of the well (PZ-7A) was damaged. There was a crack in the well screen allowing the sand pack to enter the well. Therefore, the well was left in place and was to be used only for water level observation in the future.

## 4.2 Pressure Testing Results of Force Mains

All groundwater collection force mains and the treated discharge force main were pressure tested as prescribed in Section 15051 of the Supplementary Specifications section of the Contract Documents. Kandey Co. Inc., of West Seneca, New York, performed pressure testing of the discharge force main at 25 pounds per square inch (psi) for 24 hours. Tyree tested the influent groundwater force main. The only problem that occurred during testing was the loss of pressure on the line from PW-2 and PW-3. Tyree identified and corrected the problems by removing and re-installing the pitless adapters on PW-2 and PW-3. Tyree then successfully re-tested these lines. All pressure tests were observed, documented, and accepted by EEEPC's site representative. Final piping pressure test results and certifications are presented in Appendix P.

## 4.3 Equipment Wet Testing Results

Wet testing of remedial treatment equipment was performed by Tyree on July 9, 2002, using potable water located in the building. The purpose of the equipment wet testing was to operate all treatment equipment, sensors, and controls under actual wet operating conditions to identify any leaks present in the system and, if leaks were observed, correct them as necessary. The wet test was conducted in

accordance with the Contract Documents observed and accepted per the Contract Document requirements by EEEPC's on-site representative. A copy of the final treatment equipment wet test report from Tyree is provided in Appendix Q.

## 4.4 Performance Startup/Shakedown Trials of Treatment Equipment

Tyree submitted a Plan of Operation on August 30, 2002, describing their plans and procedures for startup/shakedown and the 12-month O&M period required by the Contract Documents. Upon review by EEEPC's site representative, the plan was accepted. The methods employed by Tyree during system startup consisted of:

- Running the well pumps and treatment system for the length of time specified;
- Collecting the treated groundwater in one or more fraculation tanks located in the equipment staging area;
- Sampling the treated groundwater at the end of each treatment period; and
- Discharging the treated groundwater to Tannery Brook once the verification sample results showed that the groundwater met the discharge limitations set forth in the Contract Documents.

The system startup/shakedown period was to occur for four weeks, per Section 01650 of the Supplementary Specifications section of the Contract Documents. After conducting the wet test, Tyree activated the pumping wells and pumped and treated approximately 4,500 gallons of groundwater on July 9, 2002, to begin their daily 3-hour test period requirement of the five-day startup trial.

Tyree subcontracted Specialized Environmental Monitoring, Syracuse, New York, to collect air samples after the second GAC vessel in order to satisfy regulatory requirements. During the initial five-day startup trial, six to nine air samples were collected each day and analyzed for VOCs on site using a Photovac 1OS70 gas chromatograph. A total of 38 air samples were collected and analyzed. Results were all non-detect, indicating that the GAC vessels achieved sufficient removal of VOCs from the air stripper exhaust.

Groundwater effluent results from the samples collected at the end of each day of the five-day startup period were all above the target effluent concentration of 5.0 µg/L of trichloroethane. The groundwater was re-treated on July 16, 2002, until analytical results confirmed that the target concentration of 5 µg/L of trichloroethane was obtained in the effluent. This water was then discharged to Tannery Brook. Because the effluent from the first five-day startup period did not meet discharge requirements, Tyree was required to perform another five-day startup period such that the effluent from three consecutive sampling events met the dis-

charge requirements. This second trial startup occurred from July 31, 2002, and operated through August 5, 2002. Tyree brought a representative of the air stripper manufacturer, North East Environmental Products (NEEP), of West Lebanon, New Hampshire, to the site to troubleshoot and adjust the system. NEEP determined that the system was originally installed incorrectly as a result of wiring changes. NEEP rewired the system so that it would operate correctly.

On July 22, 2002, a VEADPW representative informed Tyree and EEEPC's on-site personnel that the effluent discharged to Tannery Brook had a milky appearance. Apparently, an additional fraculation tank storing the treated effluent arrived to the site that was dirty, increasing the treated effluent's turbidity. Discharge to Tannery Brook was halted and samples from Tannery Brook and the fraculation tank were collected. In order to dispose of the discolored water, Tyree completed a one-time Sewer User Permit with the VEADPW and submitted analytical results from the fraculation tank sample. Samples of the discolored water were analyzed for metals, VOCs, five-day biological oxygen demand ($BOD_5$), chemical oxygen demand (COD), total dissolved solids (TDS), ammonia, nitrate, phosphate, and turbidity. Laboratory results indicated that metals and VOCs were nondetect in the samples collected from Tannery Brook and the fraculation tank. The results for the other parameters were acceptable to the VEADPW and the discolored water was discharged to the sanitary sewer at a point on Whaley Avenue selected by the VEADPW superintendent on August 2, 2002. After the dirty fraculation tank was emptied, Tyree used their pressure washer to thoroughly clean it. This water was then collected and processed through the treatment system before it was discharged to Tannery Brook.

After successful completion of the first week of the startup period, Tyree was required to operate the system for a minimum of eight hours per day for five days. Daily air samples were also collected from the second carbon tank exhaust. Tyree performed this portion of the startup period from August 7, 2002, through August 13, 2002. After successful completion of the second week of the startup period, Tyree began continuous 24-hour operation of the system for seven consecutive days on August 15, 2002. The system was shut down on August 21, 2001, due to a high sump and low-stripper pressure alarm. Therefore, Tyree was required to restart their continuous 24-hour operation of the system for seven consecutive days, as specified in the Contract Documents.

## 4.5 Performance of Treatment Equipment: 14-Day Continuous Trials

Tyree began continuous 24-hour operation for 14 days on August 23, 2002. During this period, the system operated in "auto" mode. Tyree made small system adjustments as necessary and recorded piezometer water level measurements. The system operated within its normal parameters and the trial was successfully completed and accepted on September 6, 2002. The system was left to run in "auto" afterwards and Tyree began the O&M or Separable Part B phase of the project.

## 4.6 Separable Part A – Substantial Completion

At the request of Tyree on September 6, 2002, Separable Part A was ready for substantial completion inspection. In accordance with the Contract Documents, Section VIII, Article 13.6, EEEPC and NYSDEC project managers performed the inspection on September 18, 2002, to evaluate if substantial completion of the separable part of work was achieved and if any incomplete work remained with Separable Part A.

On September 30, 2002, as result of the inspection, a certificate of Substantial Completion of Separable Part A was issued to Tyree for signature and acceptance. The certificate was issued to establish the completion of the separable part. It included a list of incomplete work items and costs to be held from payment until completed. As a part of the document, a completion schedule was requested from Tyree for the completion of all outstanding items. Tyree submitted the schedule request on October 13, 2003, which was accepted by EEEPC. A copy of the certificate of Substantial Completion of Separable Part A and finalized punch list items for Separable Part A are included as Appendix R.

# 5 Contractor Operations and Maintenance – Separable Part B

## 5.1 General

Separable Part B included the four-week treatment system startup/shakedown and the 12-month O&M period. As mentioned in previous Sections 4.4 and 4.5, the treatment system startup was successful and the official startup of O&M began on September 6, 2002.

The 12 months of O&M services included operating the treatment system in accordance with the manufacturer's equipment requirements and O&M manual. During that period, Tyree determined the need for any changes to the system of operation to maintain the optimum contaminant removal efficiency and the optimum sustainable groundwater removal rate from each groundwater well.

As a part of the O&M work, Tyree conducted sampling of the collected influent/effluent groundwater and influent/effluent vapor extraction system to monitor system performance and verified that the regulatory requirements for water and air discharges were met. In addition, field measurement of the groundwater wells and piezometers was performed to evaluate the drawdown of groundwater from each pumping location. Copies of all contractor maintenance reports, analytical results, and other data generated were submitted to the engineer for evaluation. After review of the data, EEEPC's project manager prepared a report summarizing the results for system compliance. The report was submitted to NYSDEC's project manager and regional engineer for evaluation and comment.

## 5.2 System O&M

The performance of treatment system O&M by Tyree occurred after the trials for startup and analytical results were accepted by EEEPC. Acceptance of the equipment and system occurred on September 6, 2002, or the first day after the notice completion of Separable Part A.

Tyree was required by contract to regularly monitor system performance. At a minimum, weekly inspections of the operating system with more frequent inspections as required to maintain system performance and compliance. During the 12-month O&M period, Tyree was to determine the need for any changes to the sys-

tem to maintain the optimum contaminant removal efficiency, and the optimum sustainable groundwater removal rate from each well.

### 5.2.1 Performance Monitoring

During the 12-month O&M period, Tyree completed performance monitoring by sampling and analytical testing on a monthly basis to evaluate the overall system performance. This monitoring included:

- Influent sampling and analysis (before addition of the sequestering agent) and effluent sampling (after air stripping); and
- Air discharge sampling and analysis from the air stripper (influent to the vapor-phase GAC units) and air discharge after the GAC units.

### 5.2.2 Monthly Status Reporting

During the 12 months of O&M services, Tyree provided EEEPC with monthly status reports on plant operations. These were required to be submitted by the 15th of the following month and were to contain the following details:

- Operation and maintenance activities and status;
- Updated operations and maintenance logs;
- Technical support activities;
- Health and safety activities and problems;
- Planned and future activities and schedules for completion;
- Monitoring of operating equipment including influent flow rates, totalizer flow readings, bag filter pressure, differential pressures on the air stripper and GAC blowers;
- Groundwater elevations from the piezometers and groundwater monitoring wells; and
- Groundwater flow nets showing a plan view of the flow net and cross-section horizontal to the flow of groundwater.

The results of the 12 months of O&M services are further described in the discussion of Tyree's Final Status Report received by EEEPC November 10, 2003, in Section 5.5.

## 5.3 Treatment System Training

In accordance with specification 01731 of Section XI of the Supplementary Specifications, training of O&M personnel was required.

Through the shop drawing review process, qualifications of the contractors training staff were submitted and a training program and schedule were developed to instruct future personnel on the O&M treatment system and ancillary equipment.

The training program was performed on September 2 and 3, 2003, at the treatment facility. The training instructed the personnel in hands-on operation and preventive maintenance procedures for each piece of equipment.

## 5.4 O&M Manuals

As required by the contract documents, Tyree needed to provide system O&M data in the form of instructional manuals for use by the Department's personnel following the first full year of operation.

The manual was to include all product-related information and documents for the equipment installed and/or modified in the field. The manual also was to include all data that were directed by current regulations of any participating government agency. The document submittal followed the schedule as provided in the specifications, but submittals by the contractor were normally very late.

The submittal schedule of the document to EEEPC per the Supplementary Specification (Section 01650) was as follows:

- Outline of O&M procedures and information at 50% construction completion;
- Details of O&M procedures and information at 90% construction completion;
- Updated O&M procedures and information, and vapor phase carbon bed estimated life and change-out schedule at completion of system startup; and
- Submission of updated O&M procedures and information at the end of the 12 months of system operation.

The actual schedule of interim submissions by Tyree to finalize the O&M manual and responses by EEEPC were as follows:

- May 8, 2002: O&M manual outline submission;
- September 17, 2002: Review comments of the O&M manual outline by EEEPC;
- December 17, 2002: Resubmission of draft detail O& M manual by Tyree;
- January 28, 2003: Review comments of draft details of O&M manual by EEEPC;

- October 11, 2003: Final O &M document submittal by Tyree; and
- November 7, 2003: The final document submittal was reviewed for final acceptance by EEEPC.

## 5.5 Results of 12 Months of System O&M

As required by the Contract Documents, the final status report was issued from Tyree to EEEPC after the completion of 12 months of operation. The final report summarizing status of the treatment system and ancillary support equipment was received on November 10, 2003. EEEPC provided review of the final report and submission to the Department on December 19, 2003. The reason for the delay in EEEPC's final summary review was the late submission of Tyree's October and November 2002 O & M reports, which were a result of nonpayment of services to the analytical laboratory. Results were finally submitted on December 4 and 17, 2003.

The following is a summary of Tyree's operational phase work for this report:

- The system was operation 89.4% during the contract period. The treatment system was less than 70% operational during the months of December 2002 and January 2003 resulting from low-pressure alarms from freezing water in the air stripper trays.
- Approximately 33,589,479 gallons of groundwater were treated through the system from September 5, 2002, to September 4, 2003. Approximately 481 pounds of VOCs were from the air stripper based calculations from on analytical results and flows.
- TDS were consistently above the compliance limits. TDS was not a treatable contaminant with the treatment system.
- The system was in compliance for effluent discharge limits for the 12 months of O&M services.

## 5.6 Separable Part B – Substantial Completion

At the request of Tyree on September 5, 2003, Separable Part B was ready for Substantial Completion inspection. In accordance with the Contract Documents, Section VIII, Article 13.6, EEEPC and NYSDEC project managers performed the inspection on September 18, 2003, to evaluate if substantial completion of the separable part of work was achieved and if any incomplete work remained with the separable part.

On September 23, 2003, as result of the inspection, a certificate of Substantial Completion of Separable Part B was issued to Tyree for signature and acceptance. The certificate, besides establishing the completion of the separable part, included

a list of incomplete work items that assessed costs to be held from payment until completed. As a part of the document, a completion schedule was requested from Tyree for the completion of all outstanding items. Tyree submitted the schedule request for project completion on October 8, 2003, which was accepted by EEEPC. A copy of the certificate of Substantial Completion of Separable Part B and finalized punch list items for Separable Part B are included as Appendix S.

The work by contract was officially complete and ready for closure on December 19, 2003.

# 6 Issues and Changes to the Contract

## 6.1 Contractor

### 6.1.1 Project Schedule

According to the Contract Documents, Separable Part A (construction) required completion in 224 days from the Notice to Proceed. If the work was not completed within 224 days an assessment of $850 per day in liquidated damages would be levied until the work was satisfactorily completed. Separable Part B (O&M) required 365 days of operation, monitoring, and maintenance starting the day after the Notice of Substantial Completion of Separable Part A. Thus, the contract for the Mr. C's project initially involved 589 days of work. If Separable Part B was not completed within 365 days, barring additional negotiated time resulting from change orders (COs), liquidated damages in the amount of $350 would be levied for each day that passed until Separable Part B was considered satisfactorily completed by the Department. By contract, 60 days were allowed for final contract completion including the completion, of all incomplete or outstanding contract work and submission of all final contract documentation.

The official date of the Notice to Proceed to Tyree was October 7, 2001. The scheduled completion date of Separable Part A as calculated was April 26, 2002. Separable Part B, as calculated, was April 26, 2003, and final project completion was June 29, 2003.

Tyree submitted an initial project completion schedule to EEEPC on October 17, 2001. The project schedule was reviewed and accepted by EEEPC on October 23, 2001. The contractor's approved schedule indicated that Separable Part A would be completed on March 13, 2002, and Separable Part B would be completed on March 19, 2003. A second revised schedule was submitted by Tyree on February 10, 2002, and was approved as noted by EEEPC on February 28, 2002. The revised schedule accounted for PCOs that were approved for the off-site assembly of treatment equipment. Separable Part A completion was revised to July 12, 2002. Based on EEEPC's comments, Tyree provided another revised schedule on April 1, 2002, revising completion of Separable Part A to June 29, 2002.

A number of additional PCOs were issued and approved causing the project's cost and contract time to increase. Information on additional contract time has been

included in Section 6.1.4. CO No. 1 was issued on March 1, 2002, increasing contract time by 64 days and revising the scheduled project completion date for Separable Part A to June 29, 2002, Separable Part B to June 29, 2003, and final contract completion to August 29, 2003. CO No. 2 was recommended and issued by EEEPC on January 10, 2003. CO No. 2 increased the contract time based on additional work by 42 days. The change increased the completion of Separable Part A to August 10, 2003. The change in days in Separable Part A also caused revision in the completion date of Separable Part B to August 10, 2003, and the final project completion date to October 9, 2003.

As a result of the completion of Separable Part A on September 6, 2002, liquidated damages were assessed 27 days over the contract time and were included in CO No. 2.

### 6.1.2 Project Requests for Information (RFIs)

Tyree submitted several formal RFIs to EEEPC throughout the course of the project. Many were requests for clarifications or interpretations of the Contract Documents or Drawings where confusion may have existed. None of the RFIs presented by the contractor resulted in project cost increases or time delays.

A few RFIs were generated by EEEPC for either an understanding of the progress of a specific Tyree work procedure or to gain additional information on additional non-specified products utilized with the treatment system. The log summarizing all project RFIs is included as Appendix T.

### 6.1.3 Project Potential Change Orders (PCOs)

COs were processed in a manner consistent with Section III, Article 9 of the Contract Documents. A total of 17 PCOs that would affect the contract price and/or time were initiated by either Tyree or NYSDEC. These COs were reviewed by EEEPC and either returned for additional information, accepted, or rejected.

A log summarizing all PCOs is presented as Appendix U. It includes dates and descriptions of changes and/or additions to the scope of work and their impacts on the project cost and schedule. Many PCOs could not be finalized as a result of lack of proper documentation and repeated mathematical errors by Tyree. PCOs were not finalized until proper documentation and correct costs were received from Tyree.

### 6.1.4 Project Change Orders (COs)

Two COs were approved by NYSDEC for this project. Some of the original quantities given in the bid form were adjusted from the actual quantities necessary and installed during construction activities. The change in quantities was primarily due to the fact that actual site conditions encountered during construction activities were different from those anticipated during the project design phase and project startup.

Due to Tyree's late submission of supporting documentation, delays were encountered finalizing both COs.

EEEPC issued CO No. 1 on the date of completion, March 1, 2002, which increased the cost of the contract by $54,385.76 and 64 calendar days. CO No. 2 issued on January 10, 2003, decreased the overall cost of the contract by $32,611.49 and increased the contract time by 42 days. Liquidated damages totaling $22,950.00 were assessed to Tyree in CO No. 2 for failing to meet the approved substantial completion date of Separable Part A. A summary of project COs is provided in Table 6-1. The overall contract cost at completion for remedial construction and 12 months of O&M was $1,378,213.95. This final contract cost was $1,733.05 under the original bid amount of $1,379,947 or 0.126% less than the original bid. Copies of executed COs are provided in Appendix V and a summary of final construction quantities is provided in Appendix W.

**Table 6-1 Summary Project Change Orders, Mr. C's Site**

| Change Order | Date Executed | Changes | Value |
|---|---|---|---|
| 1 | March 1, 2002 | ■ Test Pits for Soil Determination<br>■ Added Testing on VOCs – RW-1<br>■ Second Pump Test<br>■ Treatment Building – Soundproof<br>■ On-site Security Lighting<br>■ PW-2/3 Valve Installation<br>■ Evaluation of PW-7/Surge Block<br>■ Reduce Hazardous Soil Quantity<br>■ Increase Non-Hazardous Soil Quantity | $54,185.76 |
| 2 | January 10, 2003 | ■ Library Parking Lot Paving<br>■ Treatment Equipment Vibration Damping<br>■ Treatment Equipment Sound Damping<br>■ Building Code Upgrades<br>■ Site Fence Removal<br>■ Quantity Adjustments<br>■ Consultant Overtime Back Charge<br>■ Liquidated Damages | ($32,611.49) |

### 6.1.5 Project Substantial Completion

Official project substantial completion of Separable Part A occurred on September 6, 2002. The inspection on September 18, 2002, resulted in the development of an incomplete work list. NYSDEC issued the Certificate of Separable Part A Completion to Tyree on September 30, 2002. The Certificate of Substantial Completion was never signed or returned by Tyree, but a schedule was developed for the completion of the remaining incomplete work items listed. Due to delays

in the completion of Separable Part A, and in accordance to the adjusted scheduled completion date of August 10, 2002, Tyree was assessed 27 days of liquidated damages at the rate of $850 per day.

Substantial completion of Separable Part B occurred on September 5, 2003. No liquidated damages were assessed for on-time completion of this part.

### 6.1.6 Contract Quantities and Costs

The cost of several unit cost bid items changed due to changes in schedule and quantity, including excavation and disposal of both hazardous and nonhazardous wastes, installation of pumping wells, and CO costs. A comparison of Tyree's bid with estimated bid quantities and the actual quantities and costs of those bid items that changed are presented in Table 6-2.

**Table 6-2 Estimated and Actual Quantities and Costs, Mr. C's Site**

| Bid Item | Description | Estimated Quantity | Estimated Total Cost ($) | Actual Quantity | Actual Total Cost ($) |
|---|---|---|---|---|---|
| UC-1 | Site Services | 533 days | 45,305 | 634 days | 53,890 |
| UC-2 | Health and Safety | 20 days | 23,000 | 25 days | 28,750 |
| UC-3C | Install new RW-1 | 1 each | 11,935 | 0 each | 0.00 |
| UC-3D | Additional Wells | 1 each | 5,883 | 0 each | 0.00 |
| UC-5A | GW Collection Pipe | 1,175 LF | 94,000 | 931 LF | 74,480 |
| UC-5B | GW Force Main | 1,325 LF | 139,125 | 1,346 LF | 141,330 |
| UC-5C | Select Fill | 425 tons | 18,275 | 454 tons | 19,522 |
| UC-6A | Hazardous Soil Disposal | 700 tons | 147,000 | 15 tons | 3,150 |
| UC-6B | Nonhazardous Soil Disposal | 500 tons | 38,000 | 1,967 tons | 149,509.48 |
| UC-8 | Pavement Restoration | 1,200 SY | 29,160 | 794 SY | 19,294.20 |

Key:

LF = Linear foot.
SY = Square yard.

Table 6-2 shows that a total 1,982 tons of soil (hazardous and nonhazardous soils) were disposed of off site, as opposed to the 1,200 tons estimated for bidding purposes. The increase in quantity is due to the review and redetermination of hazardous soils to nonhazardous soils. The change to nonhazardous soil determination saved the contract approximately $36,000 in hazardous waste disposal fees.

### 6.1.7 Contractor Payments

Tyree submitted 15 Contractor Applications for Payment (CAPs) and a final release of retention in accordance with the Contract Documents. EEEPC evaluated the accuracy of each CAP for quantities and percentage complete for each individual bid item and CO item prior to approval. EEEPC negotiated quantities if errors and/or negative impacts to the original project scope bid were noted.

## 6.2 Design Engineer

The design engineer contracted by NYSDEC for this project was MPI of Orchard Park, New York. MPI prepared the Contract Drawings (October 2000) and the Contract Documents entitled, *Mr. C's Dry Cleaners, Site Number 9-15-157, East Aurora, Erie County, New York (October 2000).*

EEEPC was issued the work assignment as a result of MPI no longer having a Standby Superfund contract with NYSDEC. MPI was occasionally consulted by EEEPC's project engineer for clarification on the intent of the design and to clarify details with construction. Two addendums were issued with the construction documents during the bidding phase of the project.

The first addendum was issued by NYSDEC on March 30, 2001. The document contained details of the revised bid date and criteria related to the added asbestos work. Addendum No. 2 was issued by EEEPC on May 23, 2001, to review the contractor prebid questions and finalize any further issues with the Contract Documents.

## 6.3 Construction Engineering/Management

### 6.3.1 Statement of Work (SOW)

The general work performed by EEEPC under the work assignment included:

- **Task 1: Work Plans and Background Review**
  EEEPC developed a work plan for the overall scope of services including background review work and a site visit to gain an understanding of remedial remedy.

- **Task 2: Pre-award Services**
  EEEPC assisted the Department's project manager in recording attendance, answering technical questions, and preparing draft minutes of the meeting for inclusion in the addenda. EEEPC prepared new contract specifications and contract drawing details in preparation and issuance of addenda required by NYSDEC. EEEPC also reviewed the engineer's final construction cost estimate and issued to the changes in the addendum. EEEPC prepared easement maps as required for the project.

- **Task 3: Remedial Construction Management**
  The purpose of remedial construction management was to provide professional engineering services to properly manage and inspect remedial construction projects. These services include acting as liaison between NYSDEC and the contractor on all issues related to the project, construction quality assurance, monitoring health and safety conditions, and completing record keeping of all construction activities and operations, monitoring, and maintenance activities during the contract period.

### 6.3.2 Changes in Work Assignment Services

A number of issues caused changes in the scope of services for the construction management of the Mr. C's remedial treatment system. The major issues of change are listed in the following subsections.

#### 6.3.2.1 Contractor Delays

The basis for changes in EEEPC's SOW was the additional time required by the contractor to perform and complete all work under the project. The contract was awarded in October 2001. Due to the late delay in the award, Tyree constructed the treatment equipment off site over the winter months.

Delays in the startup of the system were the primary reason the schedule was pushed back. The combination of late construction completion and system startup issues was the primary cause.

Specifically, additional delays were encountered when a number of mechanics liens were issued against Tyree for lack of subcontractor payment. Critical analytical O&M results were delayed for delivery almost 6 months until resolution of payment of the analytical laboratory. The results caused additional project documentation to be performed by EEEPC and project delays until satisfactory completion by Tyree. Details of the construction delays are further discussed in the daily reports and progress meeting minutes.

#### 6.3.2.2 Agway Monitoring Report Review

At the request of the Department, EEEPC was requested to review the report submittal and ongoing work at the Agway site on the remedial Air Sparging/Soil Vapor Extraction (AS/SVE) treatment system. EEEPC prepared a short report review memorandum to the Department on March 7, 2002, after receipt of the Agway site's first quarterly monitoring report of January 2002.

There were concerns about results of that report on the effects of MTBE on the Department's treatment system due to the proximity of groundwater pumping wells PW-2 and PW-3. Once the system was operational, additional testing indicated that the air stripping system was effective in cleaning up the levels of MTBE in the water from the Agway site.

#### 6.3.2.3 Additional Survey Permanent Easement Work

In addition to the original easement surveys, two additional permanent easements were required for the separate force main discharge to Tannery Brook. Both easements were required on public property, one in the village of East Aurora and the second from Erie County. Additional title and field survey information was performed by Lu Engineers, Rochester, New York. Metes and bounds descriptions and surveys were delivered to the Department by EEEPC for execution.

### 6.3.3 Determination of Nonhazardous versus Hazardous Soils

A prudent evaluation was performed at the beginning of the project to evaluate the levels of contamination of the overburden soils to be excavated for the project. Additional test pits and sample analysis performed under PCO No. 2 to evaluate the amount of nonhazardous and hazardous soils for disposal. The sample analytical results were submitted under the application of a waste stream for determination by Tyree's disposal contractor. The result was a determination based on the analytical results that the wastes to be excavated for the discharge force main and the ground pumping lines and appurtenances would be nonhazardous. While the change caused a decrease in the amount of hazardous soils for disposal, an increase was encountered in the disposal of nonhazardous soils.

The resultant savings to the project was approximately $36,250 at completion.

### 6.3.4 Project Photo Documentation

During the project construction period (Separable Part A), photo documentation was provided by EEEPC and Tyree. A copy of the photos taken by both are provided are provided in Appendix X.

## 6.4 Project Delays and Additional Issues

### 6.4.1 Construction Noise

Mr. Michael Pitt, a resident of 19 Whaley Avenue, submitted several complaints regarding noise during the site remediation. Mr. Pitt worked at night and slept during the day. He claimed that noise from the remediation for the groundwater pumping line along the library driveway and parking lot prevented him from sleeping. In response to the complaint at the direction of the Department, EEEPC prepared a PCO No. 11 to Tyree that provided for relocation of Mr. Pitt to an alternate location during the days where remedial work was to be performed around his residence. Upon preparation for relocation, Mr. Pitt decided to remain at home. No further complaints were made in regard to the construction noise issue.

### 6.4.2 Restoration Issue

Mrs. Michael Pitt, a resident of 19 Whaley Avenue, submitted a property restoration complaint to the Department in November 2003. The basis of the complaint was the lack of growth of a hybrid peony plant relocated by Tyree during the installation of groundwater pumping well PW-5 and grass growth in the flower beds resulting from the library restoration. Additional communication was provided by EEEPC to resolve the matter.

The matter was resolved by EEEPC on June 10, 2004, with the delivery of a new peony plant and cleanup restoration in the flower beds along the library driveway.

### 6.4.3 Mechanics Liens

A number of mechanics liens were filed by subcontractors for nonpayment of incurred project costs or services provided. The official mechanics liens filed with the state controller include:

- Corr-Tech, Tonawanda, New York;
- McNamara Trucking, Buffalo, New York;
- Nothnagle Drilling, Rochester, New York;
- Kulback's Construction, Inc., Buffalo, New York;
- D & H Paving, Buffalo, New York; and
- Anastasi Trucking and Paving Company, Buffalo, New York.

## 6.5 General Project Issues

### 6.5.1 East Aurora Public Library

#### 6.5.1.1 Town of Aurora Library Parking Lot Paving

During the installation of the groundwater pumping chambers and lines, the deterioration of the paved surface of the library's parking lot increased to the point of being unrepairable in accordance with the scope of work in the project Contract Documents. EEEPC reviewed a number of preconstruction site photographs with the Department to determine if the evaluation of pre-existing conditions provided a clearer determination of repair responsibilities with the contractor or the state. From that determination, a decision was made by NYSDEC to excavate and dispose of the existing asphalt surface and subbase. New construction included installation of a new subbase and compaction, a binder, and top coarse asphalt at the existing parking lot footprint for the town of Aurora. EEEPC prepared a scope of work which allowed Tyree to provide costs for evaluation and installation. After review and recommendation, the cost for completion provided under PCO No. 10 was $13,749.98. Information on additional time extension for this work is located in the PCO log in Section 6.1.3 and Appendix U.

#### 6.5.1.2 Sanitary Sewer Lateral Backup and Repair

During the new regrading and paving work at the Town of Aurora Public Library that was initiated on Monday, June 3, 2002, a sanitary sewer backup occurred on Thursday, June 6, 2002, at the library building. The Town of Aurora hired a local plumber, Mike Ingelfinger Inc., East Aurora, New York, to clear a blocked sanitary sewer line and videotape the service lateral. The plumber attempted to clear the blockage with an electric snake and a pressure jet. The blockage finally cleared after several attempts with the pressure jet. The Town assumed that the blockage was due to damage incurred during the installation of the groundwater collection piping. At the request of the Town, EEEPC and NYSDEC reviewed the videotape, building utility maps, and the location of the pumping wells and determined that piezometers did not cause damage to the sewer lateral. NYSDEC provided correspondence to the Town of Aurora regarding their determination that the blockage was not of the state contractor's actions.

The sewer lateral repair costs were negotiated between the Town and NYSDEC as a result of permanent property easements required with the groundwater pumping system.

### 6.5.2 Temporary and Permanent Easements

The remedial design required the installation of pumping wells for the capture of contaminants and containments of the plume. All of the pumping wells were on private property not owned by Mr. C's, with the exception of RW-1. Therefore, six temporary and eight permanent easements were required for completion of the project. Maps outlining the extents of easements for the project were included as Attachment I of Addendum No. 2 of the Contract Documents.

The construction and pavement easement surveys and metes and bounds descriptions were provided for the following locations:

- Mr. C's site;
- Agway Property;
- Brownschidle Property;
- Town of Aurora Public Library Property;
- Pitt Property; and
- People, Inc., Property.

Additional permanent easements were identified on the public rights of way of the village of East Aurora and the county of Erie. These two parcels were surveyed and title searches prepared for execution by the state of New York.

### 6.5.3 Agway Site

Prior to and during the remedial construction at Mr. C's, the owner of Agway property, northwest of the intersection of Main Street and Whaley Avenue, was under order by Region 9 NYSDEC to install, operate, and monitor a small air sparging/soil vapor extraction system for past gasoline spills at that specific site. EEEPC provided evaluation of the quarterly monitoring results for NYSDEC regarding future concerns regarding the groundwater treatment system on the Mr. C's site. The fact that the depth of remedial action for the Agway site was from 0 to 20 feet below ground surface (bgs) and the groundwater pumping system was located at 28 to 32 feet bgs was a concern. The contaminant MTBE, a gasoline additive found at the spill, would be removed by the lower groundwater pumping system. Previous studies on unrelated projects indicated that cleaning MTBE through air stripping towers was not totally successful. Groundwater pumping wells MW-2 and MW-3 were located at the northern edge of the former site. Actual trials were performed on August 2002 to evaluate the amount of MTBE on

the influent and the cleanup potential with the specified treatment equipment. The analytical results of the MTBE on the influent and effluent indicated that the treatment system provided a 99% cleanup efficiency. The results were acceptable for processing the groundwater through the treatment equipment.

Matrix Environmental Technologies, Inc., Orchard Park, New York, installed and operated the remedial system until June 2004. The remedial action is currently under review by the Department for continued operation. EEEPC anticipates operation under the current operations, monitoring, and maintenance program for an additional 12 months until final site cleanup determination is completed by the Department.

## 6.6 Additional Project Issues and Communications

### 6.6.1 Contractor System Operation, Monitoring and Maintenance Concerns

The operations, monitoring, and maintenance period began in September 2002 and ended in September 2003. Difficulties were encountered with Tyree's performance of Separable Part B work in a number of areas. First, late submittals of monthly monitoring and compliance data were encountered. The November and December 2002 monthly compliance reports were not submitted as a result of Tyree not paying the analytical laboratory for services. While preliminary analytical data were received indicating the treatment system was in compliance, no official analytical results package was issued by Tyree to EEEPC until May 2003.

Secondly, the Contract Documents required the system to be operational 90% of the contract period time or the bid item cost would be pro-rated. The winter period in late 2002 to early 2003 had very cold weather which affected the treatment system uptime operations at the site. EEEPC issued a letter on February 14, 2003, alerting Tyree for the need to improve system uptime and provide improvements to keep the system operational.

Tyree pursued the use of indoor heated air to resolve air stripper shutdowns from the use of outdoor air. Operational uptime improved over the months until completion of the contract in September 2003. Overall system operational uptime for 12 months of operation was finalized at 89%.

### 6.6.2 Air Guide I Treatment System Discharge Permit Review

On May 31, 2002, Tyree, through their subconsultant, Mr. Uriel Oko, P.E., submitted a simulation analysis of the air discharge from the two vapor-phase carbon units connected in series. Based on the emissions calculations, the units showed a 99.5% prebreakthrough adsorption efficiency of only one unit, which assures that emissions were in compliance with NYSDEC regulatory requirements.

### 6.6.3 Construction Management Overtime Issues

On several occasions during the contract period, overtime of the EEEPC staff was required to oversee construction-related work at the project site. In accordance

with the Contract Documents, these are reimbursable expenses from the contractor.

Tyree's superintendent provided written acceptance of these hours and charges to EEEPC's site representative during the required periods. A total of 24.5 hours of overtime were provided by EEEPC to Tyree. The costs for these overtime hours were reimbursed in the contract under CO No. 2, Item N. The total reimbursable cost to the contract was $1,708.39.

### 6.6.4 Granular Activated Vapor Phase Carbon Vessels Breakthrough Calculations

As required by the technical specifications, breakthrough calculations were necessary for the vapor-phase carbon vessels. This would allow for Tyree or EEEPC to have an anticipated schedule to change out the vapor-phase carbon filled vessels. Mr. Uriel Oko, P. E. was retained by Tyree to calculate the anticipated carbon life based on influent air stream concentrations and operating time of the treatment system.

The submittal presented by Tyree (Submittal No. 101) on December 10, 2002, indicated breakthrough was anticipated in one year and four months. EEEPC provided a review of the calculation and determined that the effluent discharge assumption was incorrect and requested further review with current discharge monitoring data.

Mr. Uriel Oko, P.E. provided a second submission on December 12, 2002, which revised the carbon breakthrough calculation to 12 months. This was approved and accepted by EEEPC.

### 6.6.5 Review of Pre- and Postconstruction Groundwater Monitoring Program Data

The groundwater monitoring program was performed in May 2002 before the remedial treatment system became operational. The analytical information was obtained from monitoring wells placed throughout the area of contamination. The first round of analytical results would be used as a baseline for the second round of sampling. The second round of sampling and analysis occurred in September 2003 or 11 months after the treatment system became operational in September 2002.

After the initial review of both sets of analytical data, higher levels of PCE were observed at the groundwater pumping wells. These results indicated that the contaminants were pumped to the zones of groundwater depression. A majority of the other groundwater wells show a reduction in contaminant levels. (See Appendix Y Site Map for TNE pre/post analytical results of all groundwater monitoring wells.)

### 6.6.6 Evaluation of Pump Test Data

A pump test was required at a number of groundwater extraction points for the evaluation of the transmissivity of the location and the radius of influence of the area of contamination. Pump testing was performed from November 12 through 29, 2001. A 72-hour constant-rate pump test was performed on three pumping wells installed as a part of the project. The results were graphically depicted indicating the pumping rates and the approximate radius of influence of each. The results of each are provided in Table 6-3. Due to poor response from extraction point PW-2, another groundwater extraction point was selected for pump testing.

**Table 6-3 Pumping Rates and Radius of Influence for Pumping Wells, Mr. C's Site**

| Pumping Well | Depth (feet) | Pumping Rate (gpm) | Radius of Influence (feet) |
|---|---|---|---|
| RW-1 | 30 | 65 | 200 |
| PW-5 | 30 | 4 | 60 |
| PW-7 | 30 | 4.5 | NA |
| PW-2 | 30 | 2.75 | NA |

Key:

gpm = Gallons per minute.
NA = The transmissivity values were not calculated due to lack of observable drawdown in the available piezometers.

The fourth pump test was performed on extraction point PW-7. The project only required the performance of three pump tests. The fourth pump test was required to be performed by PCO No. 4 as a result of the poor results from PW-7. The costs were covered under CO No. 1, Item C for $31,246.04.

### 6.6.7 Interpretation of UC-2 Health and Safety Claim for Additional Costs

During the course of the project, Tyree requested 17 additional days for health and safety days in accordance with the measurement and payment of the bid item. The basis of Tyree's claim was that the use of personal protective equipment and standard air monitoring during various construction times of trench excavation constitutes charges under the unit price item for health and safety days.

EEEPC provided a further review for the claim of additional health and safety days and provided a response to Tyree on December 4, 2002, and January 10, 2003. EEEPC's response to Tyree's claim evaluated all the criteria that were necessary to meet the specifications and measurement and payment. A number of items were missing by Tyree to qualify for these additional days. These included the establishment and demarcation of a specific exclusion zone, increased level of personal protective equipment above level D, and PID readings of the ambient air above the established action levels for VOCs.

The determination from EEEPC's review was that only two days met the specific criteria for payment. The actual savings to the Department for the review of the claim was the relief of 15 days of health and safety costs or $17,250.

### 6.6.8 Spare Vapor-phase Carbon Vessel

In accordance with the technical specifications, a spare or third vapor phase carbon vessel was included in the contract for the remedial treatment program at the Mr. C's site. The spare vessel was a complete unit filled with vapor-phase carbon to be used to replace units with contaminant breakthrough during change outs.

The spare carbon vessel was never used during the contract O&M period and remained at Tyree's Albany office. As a result of the carbon replacement and change out program, a third unit would not be needed. The Department discussed the potential transfer of the carbon vessel to another Department project manager in October 2003. At the same time, Tyree moved their Albany operations to another location and the vessel needed to be relocated. On October 16, 2003, the spare carbon vessel was transferred to the NYSDEC Warrensburg site under the direction of Mr. Gerard Burke of NYSDEC with oversight by Mr. Greg Jones of EEEPC.

### 6.6.9 Removal of Project Fencing

The removal of site fencing was not anticipated for the project in the Contract Documents. At the completion of the project, NYSDEC's project manager directed that the fencing and posts be removed and the site cleared.

EEEPC negotiated PCO No. 17 with Tyree for the removal of fencing and posts from the contractor's zone of operations on September 15, 2002. The cost of $1,561.90 was included in CO No. 2, Item E. The materials were turned cover to NYSDEC Region 9 personnel for further use at another project site.

# 7

# Conclusions and Certification

Ecology and Environment Engineering, P.C. (EEEPC) certifies that the construction phase of the project was completed in substantial compliance with approved plans, specifications, addendums, and the Contract Documents entitled, *Mr. C's Dry Cleaners, Site Number 9-15-157, East Aurora, Erie County, New York, Prepared and Designed by Malcolm Pirnie, Inc. (October 2000).*

Signature: _____

Gerald A. Strobel, P.E.
Program Director

Date: 3-18-05



# A Summary of Public Bids – Mr. C's

# Project: MR. C's DRY CLEANERS BID OPENING

## 06/06/01 Contract No.: D004180

| Bid Item | Description | QTY | Unit | Engineer's Estimate Unit Price | Engineer's Estimate Cost | Bid Item | DEMCO Inc. Unit Price | DEMCO Inc. Cost |
|---|---|---|---|---|---|---|---|---|
| LS-1 | Site Preparation (Not to exceed 5% of Total Bid) | 1 | LS | $ 110,600 | $ 110,600 | LS-1 | $ 44,000.00 | $ 44,000.00 |
| LS-2 | Site Restoration | 1 | LS | $ 1,100 | $ 1,100 | LS-2 | $ 2,500.00 | $ 2,500.00 |
| LS-3 | Building Preparation | 1 | LS | $ 207,000 | $ 207,000 | LS-3 | $ 65,000.00 | $ 65,000.00 |
| LS-4 | Groundwater Treatment System Installation & Startup | 1 | LS | $ 211,900 | $ 211,900 | LS-4 | $ 224,000.00 | $ 224,000.00 |
| UC-1 | Site Services (Not to exceed 5% of Total Bid) | 533 | Days | $ 200 | $ 106,600 | UC-1 | $ 38.00 | $ 20,254.00 |
| UC-2 | Health and Safety | 20 | Days | $ 155 | $ 3,100 | UC-2 | $ 481.00 | $ 9,620.00 |
| UC-3A | Groundwater Pumping Well Installation (PW-2 thru PW-9) | 7 | EA | $ 14,100 | $ 98,700 | UC-3A | $ 6,250.00 | $ 43,750.00 |
| UC-3B | Groundwater Pumping Well Installation (RW-1 conversion) | 1 | EA | $ 22,400 | $ 22,400 | UC-3B | $ 14,500.00 | $ 14,500.00 |
| UC-3C | Installation of Groundwater Pumping Well PW-1 | 1 | EA | $ 5,700 | $ 5,700 | UC-3C | $ 7,920.00 | $ 7,920.00 |
| UC-3D | Installation of Additional Wells (similar to PW-2 thru PW-9) | 1 | EA | $ 3,900 | $ 3,900 | UC-3D | $ 2,000.00 | $ 2,000.00 |
| UC-4 | Piezometer Installation | 30 | EA | $ 1,050 | $ 31,500 | UC-4 | $ 1,055.00 | $ 31,650.00 |
| UC-5A | Groundwater Collection Piping | 1175 | LF | $ 35 | $ 41,125 | UC-5A | $ 81.00 | $ 95,175.00 |
| UC-5B | Groundwater Discharge Forcemain | 1325 | LF | $ 34 | $ 45,050 | UC-5B | $ 88.00 | $ 116,600.00 |
| UC-5C | Select Fill | 425 | CY | $ 33 | $ 14,025 | UC-5C | $ 20.00 | $ 8,500.00 |
| UC-6A | Disposal of Hazardous Soil | 700 | CY | $ 300 | $ 210,000 | UC-6A | $ 100.00 | $ 70,000.00 |
| UC-6B | Disposal of Non-Hazardous Soil | 500 | CY | $ 180 | $ 90,000 | UC-6B | $ 20.00 | $ 10,000.00 |
| UC-7A | Concrete (sidewalks,curbs, and pad) | 25 | CY | $ 176 | $ 4,400 | UC-7A | $ 320.00 | $ 8,000.00 |
| UC-7B | Concrete (pumping well manholes) | 5 | EA | $ 1,620 | $ 8,100 | UC-7B | $ 2,500.00 | $ 12,500.00 |
| UC-7C | Concrete (clean out chambers) | 3 | EA | $ 1,200 | $ 3,600 | UC-7C | $ 1,500.00 | $ 4,500.00 |
| UC-8 | Pavement | 1200 | SY | $ 38 | $ 45,600 | UC-8 | $ 650.00 | $ 780,000.00 |
| UC-9 | Groundwater Treatment System O&M | 12 | MO | $ 23,000 | $ 276,000 | UC-9 | $ 6,545.00 | $ 78,540.00 |
| UC-10A | GW Baseline Sampling | 53 | EA | $ 300 | $ 15,900 | UC-10A | $ 140.00 | $ 7,420.00 |
| UC-10B | GW Sampling Before Completion of O&M | 53 | EA | $ 300 | $ 15,900 | UC-10B | $ 140.00 | $ 7,420.00 |
| UC-10C | Soil Samples From Trench and Test Pits | 20 | EA | $ 150 | $ 3,000 | UC-10C | $ 125.00 | $ 2,500.00 |
| UC-10D | Drill Cutting Soil Samples | 40 | EA | $ 150 | $ 6,000 | UC-10D | $ 125.00 | $ 5,000.00 |
| UC-10E | Water Samples From Excavations,Decon, Purge | 15 | EA | $ 150 | $ 2,250 | UC-10E | $ 140.00 | $ 2,100.00 |
| UC-10F | Air Stripper Water Samples | 24 | EA | $ 150 | $ 3,600 | UC-10F | $ 395.00 | $ 9,480.00 |
| UC-10G | GAC Air Samples | 5 | EA | $ 150 | $ 750 | UC-10G | $ 350.00 | $ 1,750.00 |
| | **Grand Total Bid Estimate** | | | | $ 1,587,800 | | | $ 1,684,679.00 |

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| | Tyree Organization | | Nature's Way | |
|---|---|---|---|---|
| Bid Item | Unit Price | Cost | Unit Price | Cost |
| LS-1 | $ 68,912.00 | $ 68,912.00 | $ 71,450.00 | $ 71,450.00 |
| LS-2 | $ 8,541.00 | $ 8,541.00 | $ 35,000.00 | $ 35,000.00 |
| LS-3 | $ 129,690.00 | $ 129,690.00 | $ 29,000.00 | $ 29,000.00 |
| LS-4 | $ 271,534.00 | $ 271,534.00 | $ 314,544.00 | $ 314,544.00 |
| UC-1 | $ 85.00 | $ 45,305.00 | $ 134.00 | $ 71,422.00 |
| UC-2 | $ 1,150.00 | $ 23,000.00 | $ 3,000.00 | $ 60,000.00 |
| UC-3A | $ 10,955.00 | $ 76,685.00 | $ 3,000.00 | $ 21,000.00 |
| UC-3B | $ 4,309.00 | $ 4,309.00 | $ 10,200.00 | $ 10,200.00 |
| UC-3C | $ 11,935.00 | $ 11,935.00 | $ 5,900.00 | $ 5,900.00 |
| UC-3D | $ 5,883.00 | $ 5,883.00 | $ 2,000.00 | $ 2,000.00 |
| UC-4 | $ 2,042.00 | $ 61,260.00 | $ 1,050.00 | $ 31,500.00 |
| UC-5A | $ 80.00 | $ 94,000.00 | $ 69.50 | $ 81,662.50 |
| UC-5B | $ 105.00 | $ 139,125.00 | $ 56.60 | $ 74,995.00 |
| UC-5C | $ 43.00 | $ 18,275.00 | $ 21.00 | $ 8,925.00 |
| UC-6A | $ 210.00 | $ 147,000.00 | $ 215.00 | $ 150,500.00 |
| UC-6B | $ 76.00 | $ 38,000.00 | $ 74.00 | $ 37,000.00 |
| UC-7A | $ 525.00 | $ 13,125.00 | $ 300.00 | $ 7,500.00 |
| UC-7B | $ 3,526.00 | $ 17,630.00 | $ 4,800.00 | $ 24,000.00 |
| UC-7C | $ 4,509.00 | $ 13,527.00 | $ 4,500.00 | $ 13,500.00 |
| UC-8 | $ 24.30 | $ 29,160.00 | $ 24.75 | $ 29,700.00 |
| UC-9 | $ 9,895.00 | $ 118,740.00 | $ 26,554.00 | $ 318,648.00 |
| UC-10A | $ 186.00 | $ 9,858.00 | $ 145.00 | $ 7,685.00 |
| UC-10B | $ 186.00 | $ 9,858.00 | $ 145.00 | $ 7,685.00 |
| UC-10C | $ 185.00 | $ 3,700.00 | $ 145.00 | $ 2,900.00 |
| UC-10D | $ 215.00 | $ 8,600.00 | $ 145.00 | $ 5,800.00 |
| UC-10E | $ 240.00 | $ 3,600.00 | $ 145.00 | $ 2,175.00 |
| UC-10F | $ 255.00 | $ 6,120.00 | $ 145.00 | $ 3,480.00 |
| UC-10G | $ 515.00 | $ 2,575.00 | $ 160.00 | $ 800.00 |
| | | $ 1,379,947.00 | | $ 1,428,971.50 |

| | SJB Services | |
|---|---|---|
| Bid Item | Unit Price | Cost |
| LS-1 | $ 85,500.00 | $ 85,500.00 |
| LS-2 | $ 10,000.00 | $ 10,000.00 |
| LS-3 | $ 70,850.00 | $ 70,850.00 |
| LS-4 | $ 366,520.00 | $ 366,520.00 |
| UC-1 | $ 110.00 | $ 58,630.00 |
| UC-2 | $ 450.00 | $ 9,000.00 |
| UC-3A | $ 17,200.00 | $ 120,400.00 |
| UC-3B | $ 10,200.00 | $ 10,200.00 |
| UC-3C | $ 17,200.00 | $ 17,200.00 |
| UC-3D | $ 17,200.00 | $ 17,200.00 |
| UC-4 | $ 1,930.00 | $ 57,900.00 |
| UC-5A | $ 50.00 | $ 58,750.00 |
| UC-5B | $ 65.00 | $ 86,125.00 |
| UC-5C | $ 45.00 | $ 19,125.00 |
| UC-6A | $ 425.00 | $ 297,500.00 |
| UC-6B | $ 125.00 | $ 62,500.00 |
| UC-7A | $ 275.00 | $ 6,875.00 |
| UC-7B | $ 20,000.00 | $ 100,000.00 |
| UC-7C | $ 15,000.00 | $ 45,000.00 |
| UC-8 | $ 25.00 | $ 30,000.00 |
| UC-9 | $ 28,300.00 | $ 339,600.00 |
| UC-10A | $ 210.00 | $ 11,130.00 |
| UC-10B | $ 210.00 | $ 11,130.00 |
| UC-10C | $ 315.00 | $ 6,300.00 |
| UC-10D | $ 250.00 | $ 10,000.00 |
| UC-10E | $ 265.00 | $ 3,975.00 |
| UC-10F | $ 475.00 | $ 11,400.00 |
| UC-10G | $ 125.00 | $ 625.00 |
| | | $ 1,923,435.00 |

| | | | | Engineer's Estimate | | Integrated Tech. Services | | |
|---|---|---|---|---|---|---|---|---|
| Bid Item | Description | QTY | Unit | Unit Price | Cost | Bid Item | Unit Price | Cost |
| LS-1 | Site Preparation (Not to exceed 5% of Total Bid) | 1 | LS | $ 110,600 | $ 110,600 | LS-1 | $ 59,150.00 | $ 59,150.00 |
| LS-2 | Site Restoration | 1 | LS | $ 1,100 | $ 1,100 | LS-2 | $ 14,500.00 | $ 14,500.00 |
| LS-3 | Building Preparation | 1 | LS | $ 207,000 | $ 207,000 | LS-3 | $ 139,750.00 | $ 139,750.00 |
| LS-4 | Groundwater Treatment System Installation & Startup | 1 | LS | $ 211,900 | $ 211,900 | LS-4 | $ 492,000.00 | $ 492,000.00 |
| UC-1 | Site Services (Not to exceed 5% of Total Bid) | 533 | Days | $ 200 | $ 106,600 | UC-1 | $ 120.00 | $ 63,960.00 |
| UC-2 | Health and Safety | 20 | Days | $ 155 | $ 3,100 | UC-2 | $ 980.00 | $ 19,600.00 |
| UC-3A | Groundwater Pumping Well Installation (PW-2 thru PW-9) | 7 | EA | $ 14,100 | $ 98,700 | UC-3A | $ 3,800.00 | $ 26,600.00 |
| UC-3B | Groundwater Pumping Well Installation (RW-1 conversion) | 1 | EA | $ 22,400 | $ 22,400 | UC-3B | $ 3,100.00 | $ 3,100.00 |
| UC-3C | Installation of Groundwater Pumping Well PW-1 | 1 | EA | $ 5,700 | $ 5,700 | UC-3C | $ 5,800.00 | $ 5,800.00 |
| UC-3D | Installation of Additional Wells (similar to PW-2 thru PW-9) | 1 | EA | $ 3,900 | $ 3,900 | UC-3D | $ 3,800.00 | $ 3,800.00 |
| UC-4 | Piezometer Installation | 30 | EA | $ 1,050 | $ 31,500 | UC-4 | $ 1,100.00 | $ 33,000.00 |
| UC-5A | Groundwater Collection Piping | 1175 | LF | $ 35 | $ 41,125 | UC-5A | $ 45.00 | $ 52,875.00 |
| UC-5B | Groundwater Discharge Forcemain | 1325 | LF | $ 34 | $ 45,050 | UC-5B | $ 52.00 | $ 68,900.00 |
| UC-5C | Select Fill | 425 | CY | $ 33 | $ 14,025 | UC-5C | $ 23.00 | $ 9,775.00 |
| UC-6A | Disposal of Hazardous Soil | 700 | CY | $ 300 | $ 210,000 | UC-6A | $ 185.00 | $ 129,500.00 |
| UC-6B | Disposal of Non-Hazardous Soil | 500 | CY | $ 180 | $ 90,000 | UC-6B | $ 52.00 | $ 26,000.00 |
| UC-7A | Concrete (sidewalks,curbs, and pad) | 25 | CY | $ 176 | $ 4,400 | UC-7A | $ 350.00 | $ 8,750.00 |
| UC-7B | Concrete (pumping well manholes) | 5 | EA | $ 1,620 | $ 8,100 | UC-7B | $ 4,800.00 | $ 24,000.00 |
| UC-7C | Concrete (clean out chambers) | 3 | EA | $ 1,200 | $ 3,600 | UC-7C | $ 3,950.00 | $ 11,850.00 |
| UC-8 | Pavement | 1200 | SY | $ 38 | $ 45,600 | UC-8 | $ 34.00 | $ 40,800.00 |
| UC-9 | Groundwater Treatment System O&M | 12 | MO | $ 23,000 | $ 276,000 | UC-9 | $ 16,400.00 | $ 196,800.00 |
| UC-10A | GW Baseline Sampling | 53 | EA | $ 300 | $ 15,900 | UC-10A | $ 430.00 | $ 22,790.00 |
| UC-10B | GW Sampling Before Completion of O&M | 53 | EA | $ 300 | $ 15,900 | UC-10B | $ 430.00 | $ 22,790.00 |
| UC-10C | Soil Samples From Trench and Test Pits | 20 | EA | $ 150 | $ 3,000 | UC-10C | $ 280.00 | $ 5,600.00 |
| UC-10D | Drill Cutting Soil Samples | 40 | EA | $ 150 | $ 6,000 | UC-10D | $ 270.00 | $ 10,800.00 |
| UC-10E | Water Samples From Excavations,Decon, Purge | 15 | EA | $ 150 | $ 2,250 | UC-10E | $ 380.00 | $ 5,700.00 |
| UC-10F | Air Stripper Water Samples | 24 | EA | $ 150 | $ 3,600 | UC-10F | $ 500.00 | $ 12,000.00 |
| UC-10G | GAC Air Samples | 5 | EA | $ 150 | $ 750 | UC-10G | $ 1,000.00 | $ 5,000.00 |
| | **Grand Total Bid Estimate** | | | | $ 1,587,800 | | | $ 1,515,190.00 |

Project: MR. C's DRY CLEANERS BID OPENING
06/06/01 Contract No.: D004180

| | | | | Engineer's Estimate | | | Average Prices | | |
|---|---|---|---|---|---|---|---|---|---|
| Bid Item | Description | QTY | Unit | Unit Price | Cost | Bid Item | Unit Price | Cost |
| LS-1 | Site Preparation (Not to exceed 5% of Total Bid) | 1 | LS | $ 110,600 | $ 110,600 | LS-1 | $ 65,802.40 | $ 65,802 |
| LS-2 | Site Restoration | 1 | LS | $ 1,100 | $ 1,100 | LS-2 | $ 14,108.20 | $ 14,108 |
| LS-3 | Building Preparation | 1 | LS | $ 207,000 | $ 207,000 | LS-3 | $ 86,858.00 | $ 86,858 |
| LS-4 | Groundwater Treatment System Installation & Startup | 1 | LS | $ 211,900 | $ 211,900 | LS-4 | $ 333,719.60 | $ 333,720 |
| UC-1 | Site Services (Not to exceed 5% of Total Bid) | 533 | Days | $ 200 | $ 106,600 | UC-1 | $ 97.40 | $ 51,914 |
| UC-2 | Health and Safety | 20 | Days | $ 155 | $ 3,100 | UC-2 | $ 1,212.20 | $ 24,244 |
| UC-3A | Groundwater Pumping Well Installation (PW-2 thru PW-9) | 7 | EA | $ 14,100 | $ 98,700 | UC-3A | $ 8,241.00 | $ 57,687 |
| UC-3B | Groundwater Pumping Well Installation (RW-1 conversion) | 1 | EA | $ 22,400 | $ 22,400 | UC-3B | $ 8,461.80 | $ 8,462 |
| UC-3C | Installation of Groundwater Pumping Well PW-1 | 1 | EA | $ 5,700 | $ 5,700 | UC-3C | $ 9,751.00 | $ 9,751 |
| UC-3D | Installation of Additional Wells (similar to PW-2 thru PW-9) | 1 | EA | $ 3,900 | $ 3,900 | UC-3D | $ 6,176.60 | $ 6,177 |
| UC-4 | Piezometer Installation | 30 | EA | $ 1,050 | $ 31,500 | UC-4 | $ 1,435.40 | $ 43,062 |
| UC-5A | Groundwater Collection Piping | 1175 | LF | $ 35 | $ 41,125 | UC-5A | $ 65.10 | $ 76,493 |
| UC-5B | Groundwater Discharge Forcemain | 1325 | LF | $ 34 | $ 45,050 | UC-5B | $ 73.32 | $ 97,149 |
| UC-5C | Select Fill | 425 | CY | $ 33 | $ 14,025 | UC-5C | $ 30.40 | $ 12,920 |
| UC-6A | Disposal of Hazardous Soil | 700 | CY | $ 300 | $ 210,000 | UC-6A | $ 227.00 | $ 158,900 |
| UC-6B | Disposal of Non-Hazardous Soil | 500 | CY | $ 180 | $ 90,000 | UC-6B | $ 69.40 | $ 34,700 |
| UC-7A | Concrete (sidewalks,curbs, and pad) | 25 | CY | $ 176 | $ 4,400 | UC-7A | $ 354.00 | $ 8,850 |
| UC-7B | Concrete (pumping well manholes) | 5 | EA | $ 1,620 | $ 8,100 | UC-7B | $ 7,125.20 | $ 35,626 |
| UC-7C | Concrete (clean out chambers) | 3 | EA | $ 1,200 | $ 3,600 | UC-7C | $ 5,891.80 | $ 17,675 |
| UC-8 | Pavement | 1200 | SY | $ 38 | $ 45,600 | UC-8 | $ 151.61 | $ 181,932 |
| UC-9 | Groundwater Treatment System O&M | 12 | MO | $ 23,000 | $ 276,000 | UC-9 | $ 17,538.80 | $ 210,466 |
| UC-10A | GW Baseline Sampling | 53 | EA | $ 300 | $ 15,900 | UC-10A | $ 222.20 | $ 11,777 |
| UC-10B | GW Sampling Before Completion of O&M | 53 | EA | $ 300 | $ 15,900 | UC-10B | $ 222.20 | $ 11,777 |
| UC-10C | Soil Samples From Trench and Test Pits | 20 | EA | $ 150 | $ 3,000 | UC-10C | $ 210.00 | $ 4,200 |
| UC-10D | Drill Cutting Soil Samples | 40 | EA | $ 150 | $ 6,000 | UC-10D | $ 201.00 | $ 8,040 |
| UC-10E | Water Samples From Excavations,Decon, Purge | 15 | EA | $ 150 | $ 2,250 | UC-10E | $ 234.00 | $ 3,510 |
| UC-10F | Air Stripper Water Samples | 24 | EA | $ 150 | $ 3,600 | UC-10F | $ 354.00 | $ 8,496 |
| UC-10G | GAC Air Samples | 5 | EA | $ 150 | $ 750 | UC-10G | $ 430.00 | $ 2,150 |
| | **Grand Total Bid Estimate** | | | | **$ 1,587,800** | | | **$ 1,586,444.50** |

| Maximum Prices | | | | | Minimum Prices | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Bid Item | | Unit Price | | Cost | Bid Item | | Unit Price | | Cost |
| LS-1 | $ | 85,500.00 | $ | 85,500.00 | LS-1 | $ | 44,000.00 | $ | 44,000.00 |
| LS-2 | $ | 35,000.00 | $ | 35,000.00 | LS-2 | $ | 2,500.00 | $ | 2,500.00 |
| LS-3 | $ | 139,750.00 | $ | 139,750.00 | LS-3 | $ | 29,000.00 | $ | 29,000.00 |
| LS-4 | $ | 492,000.00 | $ | 492,000.00 | LS-4 | $ | 224,000.00 | $ | 224,000.00 |
| UC-1 | $ | 134.00 | $ | 71,422.00 | UC-1 | $ | 38.00 | $ | 20,254.00 |
| UC-2 | $ | 3,000.00 | $ | 60,000.00 | UC-2 | $ | 450.00 | $ | 9,000.00 |
| UC-3A | $ | 17,200.00 | $ | 120,400.00 | UC-3A | $ | 3,000.00 | $ | 21,000.00 |
| UC-3B | $ | 14,500.00 | $ | 14,500.00 | UC-3B | $ | 3,100.00 | $ | 3,100.00 |
| UC-3C | $ | 17,200.00 | $ | 17,200.00 | UC-3C | $ | 5,800.00 | $ | 5,800.00 |
| UC-3D | $ | 17,200.00 | $ | 17,200.00 | UC-3D | $ | 2,000.00 | $ | 2,000.00 |
| UC-4 | $ | 2,042.00 | $ | 61,260.00 | UC-4 | $ | 1,050.00 | $ | 31,500.00 |
| UC-5A | $ | 81.00 | $ | 95,175.00 | UC-5A | $ | 45.00 | $ | 52,875.00 |
| UC-5B | $ | 105.00 | $ | 139,125.00 | UC-5B | $ | 52.00 | $ | 68,900.00 |
| UC-5C | $ | 45.00 | $ | 19,125.00 | UC-5C | $ | 20.00 | $ | 8,500.00 |
| UC-6A | $ | 425.00 | $ | 297,500.00 | UC-6A | $ | 100.00 | $ | 70,000.00 |
| UC-6B | $ | 125.00 | $ | 62,500.00 | UC-6B | $ | 20.00 | $ | 10,000.00 |
| UC-7A | $ | 525.00 | $ | 13,125.00 | UC-7A | $ | 275.00 | $ | 6,875.00 |
| UC-7B | $ | 20,000.00 | $ | 100,000.00 | UC-7B | $ | 2,500.00 | $ | 12,500.00 |
| UC-7C | $ | 15,000.00 | $ | 45,000.00 | UC-7C | $ | 1,500.00 | $ | 4,500.00 |
| UC-8 | $ | 650.00 | $ | 780,000.00 | UC-8 | $ | 24.30 | $ | 29,160.00 |
| UC-9 | $ | 28,300.00 | $ | 339,600.00 | UC-9 | $ | 6,545.00 | $ | 78,540.00 |
| UC-10A | $ | 430.00 | $ | 22,790.00 | UC-10A | $ | 140.00 | $ | 7,420.00 |
| UC-10B | $ | 430.00 | $ | 22,790.00 | UC-10B | $ | 140.00 | $ | 7,420.00 |
| UC-10C | $ | 315.00 | $ | 6,300.00 | UC-10C | $ | 125.00 | $ | 2,500.00 |
| UC-10D | $ | 270.00 | $ | 10,800.00 | UC-10D | $ | 125.00 | $ | 5,000.00 |
| UC-10E | $ | 380.00 | $ | 5,700.00 | UC-10E | $ | 140.00 | $ | 2,100.00 |
| UC-10F | $ | 500.00 | $ | 12,000.00 | UC-10F | $ | 145.00 | $ | 3,480.00 |
| UC-10G | $ | 1,000.00 | $ | 5,000.00 | UC-10G | $ | 125.00 | $ | 625.00 |
| | | | $ | 3,090,762.00 | | | | $ | 762,549.00 |

# B Project Preconstruction Meeting Minutes – 10/12/01

**ecology and environment engineering, p.c.**

**BUFFALO CORPORATE CENTER**
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

October 22, 2001

Mr. David Chiusano, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services, 12th floor
625 Broadway
Albany, New York 12233-7010

RE: Contract # D004180; Pre-Construction Meeting Minutes
Mr. C's Dry Cleaning Site, Site# 9-15-157, (V) East Aurora (C) Erie

Dear Mr. Chiusano:

Attached for your review are the pre-construction meeting minutes for the Mr. C's Dry Cleaners site held in Buffalo, New York on Friday, October 12, 2001. The meeting minutes reflect discussions resulting from the prepared agenda. Copies have been distributed to the meeting attendee. The minutes will be reviewed for acceptance as part of Progress Meeting #1 to be held on Wednesday, October 24, 2001 at 1:00 P. M. at the project site.

I can be reached at (716) 684-8060. Should you have any questions please do not hesitate to give me a call.

Sincerely,

Michael G. Steffan

Michael G. Steffan
Project Manager

cc: D. Miller, E & E, Buffalo
G. Jones, E&E, Buffalo
G. Harris, NYSDEC, Albany
G. Sutton, NYSDEC, Region 9, Buffalo
P. Holloway, Tyree, Latham
R. Blow, Tyree, Latham

**MR. C'S DRY CLEANERS SITE, Site #9-15-157**
**CONTRACT D004181**
**(V) East Aurora (C) Erie**

# PRECONSTRUCTION CONFERENCE MINUTES

1. **Meeting started 9:00 A.M., Friday, October 12, 2001 in the Ecology and Environment, Inc. Corporate Headquarters in Lancaster New York.**

2. **Agenda and Sign-in sheet for attendees (Attachments A and B).**

3. **Representatives and Responsibilities:**

- *George Harris*, **NYSDEC - Albany: DEPARTMENT'S DESIGNATED REPRESENTATIVE, Tel: (518) 402-9812, Fax: (518) 402-9819**
  Bureau of Construction Services, Division of Environmental Remediation
  12th Floor, 625 Broadway, Albany, New York 12233-7013

  a. Responsible for resolving disputes between contractor and project manager.

- *David Chiusano*, **NYSDEC - Albany: PROJECT MANAGER,**
  **Tel: (518) 402-9812, Fax - (518) 402-9819**
  **E-mail: djchiusa@gw.dec.state.ny.us**
  Bureau of Construction Services, Division of Environmental Remediation
  12th Floor, 625 Broadway, Albany, New York 12233-7013

  a. Responsible for resolving disputes between contractor and engineer.

  b. Processes change orders and Contractor's Application for Payment (CAP) prepared by Contractor and reviewed by inspector/engineer.

  c. Responsible for all final decisions involving implementation of contract.

- *Gregory Sutton*, **NYSDEC - Buffalo: DEC Field Representative**
  **TEL: (716) 851-7220, Fax:(716) 851-7226**
  **E-mail: gpsutton@gw.dec.stste.ny.us**
  270 Michigan Avenue, Buffalo, New York 14203

  a. Shall conduct routine and periodic inspections of the remedial action activities.

  b. Shall assist the DEC Project Manager in addressing public concerns.

  c. Attend bi-weekly progress meetings.

## 3. Representatives and Responsibilities: (continued)

- *Michael Steffan*, **Ecology and Environment Engineering, P.C. ENGINEER, TEL: (716) 684-8060, Fax:(716) 684-0844**
  **E-mail: msteffan@ene.com**
  368 Pleasant View Drive, Lancaster, New York 14086

  a. Responsible for providing construction inspection and management services for the Department.

  b. Responsible to review measurement for payment request recommended by inspector and contractor.

  c. Prepares field orders, proposed change orders, and change orders.

  d. Chairs bi-weekly progress meetings, prepares and distributes meeting minutes.

  e. Conducts substantial and final inspections and associated paperwork.

  f. Primary contact for contractor away from field.

- *Gregory Jones* - **ECOLOGY AND ENVIRONMENT ENGINEERING, P.C.'s ON-SITE REPRESENTATIVE, TEL: (716) 684-8060, Fax: (716) 684-0844**
  **E-mail: gjones@ene.com**
  368 Pleasant View Drive, Lancaster, New York 14086

  a. Responsible for day to day oversight of contractor, along with interaction with the public.

  b. Assist in resolution of decisions on field problems.

  c. Issue field orders after consultation with engineer/project manager.

  d. Will provide daily inspection reports to engineer/project manager, and report on contractor's compliance with contract documents.

  e. Verifying in the field that the contractor is maintaining record drawings.

  f. Work with contractor in making recommendations for measurement for payment.

  g. Event reports documenting unusual project conditions, health and safety hazards, and disputes.

  h. Reporting and documenting Contractor's deviation from the work specified and any instructions issued regarding such deviations.

## 3. Representatives and Responsibilities:(continued)

- *Philip Holloway,* **The Tyree Organization: PROJECT SUPERVISOR**
  **TEL: (518) 786-3200, Fax:(518) 786-7351**
  **E-mail: pholloway@tyreeorg.com**
  4 Northway Lane, Latham, New York 12110

  a. Responsible for ensuring contractor's project manager is fulfilling requirements of the contract documents.

  b. Responsible for resolving disputes between the contractor and Department.

  c. Responsible for overseeing day to day operations of contractor, and ensuring contractor's project manager is fulfilling requirements of contract documents.

  d. Responsible for signing CAP form prepared by contractor's project manager.

  e. Will attend all bi-weekly progress meetings.

- *Robert Blow*, **The Tyree Organization: PROJECT MANAGER AND SITE SUPERINTENDENT TEL: (518) 786-3200, Fax: (518) 786-7351**
  4 Northway Lane, Latham, New York 12110

  a. Responsible for contractor's day to day operations of project. Representative authorized to act on behalf of contractor. Must be on-site full time or designate suitable alternate to be prior approved by Department.

  b. Responsible to attend all bi-weekly progress meetings.

  c. Responsible for preparing CAP forms, preparing schedules, shop drawings, as builts, etc. and submitting to Department in accordance with the contract documents.

- *Douglas Wetherhog*, **The Tyree Organization: PROJECT HEALTH AND SAFETY COORDINATOR, TEL: (518) 786-3200, Fax:(518) 786-7351**
  4 Northway Lane, Latham, New York 12110

a. Responsible for the overall project health and safety program developed specifically for the site and in accordance with the Contract Documents..

**All future communication by contractor, except for correspondence involving approval of subcontractor's, is to go directly through Michael Steffan.**

**cc: D. Chiusano, G. Sutton, and G. Jones on *all* correspondence.**

**All correspondence must also be designated by the contract number: D004180**

## 4. Contract Time and Liquidated Damages (Section VI - Agreement of contract documents):

| | | |
|---|---|---|
| ■ Project Notice to Proceed(NTP) | day 0 | Monday, October 15, 2001 |
| ■ Part A Substantial Comp. | 224 days | Friday, April 26, 2002 ($850/day liq. dam.) |
| ■ Part B Substantial Comp. and Final Completion | 589 days | Saturday, April 26, 2003 ($350/day liq. dam.) |

Contractor is responsible for verifying substantial completion dates from NTP.

## 5. Progress Schedule (Section VIII, Article 1.4.1 and Section X ):

- Phil Holloway submitted six (6) copies of the proposed schedule for the overall project to M. Steffan, D. Chiusano, and G. Jones. The schedule was provided per Section VIII-General Conditions of the Contract Documents and Section 001 of the Supplementary Specifications. Schedule included with the 5 day submittal package will require to be updated including the NTP and substantial completion dates.

- P. Holloway to submit an interim schedule, short term and long term work schedule on 10/15/01 to the engineer.

- The attendees reviewed the projected work for the next two weeks. Phil Holloway discussed the work will primary consist of mobilization to the project location, permit procurement, setting up the decontamination reduction zones, starting the site survey.

- Updated schedule submittals are required for coordination of the DEC and engineer's work force for coverage, along with public relations as needed at the site. Submittal of schedule updates will be provided every two weeks and more frequently if required.

- The project schedule submittals are due October 15 2001, which shall include short term and long schedule submittals. After 224 days the Contractor should have Substantial completion of Work for Part A.

- *Unapproved schedules will delay applications for payment* ! First CAP shall not be processed unless contractor has submitted acceptable schedules.

- Tyree plans payment application submittal by the middle of every month. The first payment application is expected around November 15, 2001.

## 6. Article 5 of the General Conditions (Section VIII of the Contract Documents)

- **Working hours:**

  - 8 hrs./day between 7 and 5, M-F. Tyree expects to work from 7:00-5:00 M-F with possible work on Saturdays. This schedule may need to be a little flexible because Tyree will be driving to the site on Mondays and leaving a little early on Fridays.

  - Contractor hours not to exceed 40 hrs/week or conduct weekend/holiday work without prior approval of Department and the Department of Labor. Tyree will be responsible for payment of the Engineers additional work hours anticipated on Saturdays.

## 6. Article 5 of the General Conditions (Section VIII of the Contract Documents) (continued)

- **Working hours:** (continued)
  - Where inspection work is required beyond the 40 hours/week, the inspector will acknowledge the additional hours to Tyree for later recovery per the General Conditions of the Contract (Section 5.3 - Labor, Working Hours, Materials and Equipment).
  - All subcontractors will abide by the hours set by Tyree.
  - Contractor required to fill out "Application for Dispensation of Hours" form to get approval by Department of Labor (DOL).

- **Subcontractors:**
  - D. Chiusano discussed that the maximum subcontracting percentage for the project is 40%.
  - P. Holloway mentioned that no subcontracts have been issued by Tyree since no notice to proceed (NTP) was issued by the State. Tyree will now initiate subcontracts as a result of the October 15, 2001 NTP.
  - All significant subcontractors (separable parts of work greater than $10,000) will require prior approval of Department.
  - Contractor must keep an up to date list of approved subcontractor list and provide to Engineer. If changes are made as a result of any circumstances a new list must be submitted to the Engineer. This list was provided to the engineer at the preconstruction meeting.
  - For subcontracts > $10,000 their Uniform Contractor's Questionnaire (UCQ) (Section V of contract documents) must be accepted by the Department prior to working on the contract. NYSDEC project manager will facilitate responsibility, reliability check with the NYSDEC - Division of Environmental Enforcement (DEE) & Division of Law (DOL), and will make every effort to expedite.
  - Phil Holloway will forwarded copies of UCQs to Anastasi Trucking and Paving Co. (Excavation and Paving Whaley Street), City Fence Inc., Nothnagle Drilling Inc.( Pumping Well installation), Kulback's Associates (demolition and remodeling), James L. Shisler (surveying), Classic Environmental (asbestos abatement), and Driscoll Electrical (electric).

- **As-builts (Record drawings):**
  - Record drawings will be reviewed, at a minimum, at all progress meetings. Contractor responsible for keeping a complete set of documents updated. Record drawings not in order may delay applications for payment.
  - Contractor responsible for surveyor, and providing updated records in a timely manner to Engineer.

## 6. Article 5 of the General Conditions (Section VIII of the Contract Documents) (continued)

- **Emergency Contact:**
  - Contractor must designate off-hours emergency contact authorized to act without prior approval of engineer or Department. Robert Blow will be Tyree's emergency contact. His off hours number will be provided in the site specific HASP.

- **Shop Drawings:**
  - Must be certified in accordance with Article 5.25 of the General Conditions. Six copies will be required of all submittals and shop drawings for review and approval. Engineer has 14 days to review. Two reviews only will be performed at the at state's cost. Third reviews will be charged back to the Contractor.
  - Submit copies concurrently to Engineer and Department. Submittal schedule must be approved by Engineer at the bi-monthly meeting (and adhered to).
  - P. Holloway will generate the list of project submittals and shop drawings and submit to the Engineer for review. The list will be cross referenced by each supplementary specification section.

- **Progress Meetings:**
  - Bi-monthly progress meetings to be held every Wednesday at the Engineer's Trailer beginning on October 24, 2001 at 1:00 P.M., unless otherwise changed due to conflicts.
  - Meetings will be chaired by the Site Representative (E&E). An agenda will be prepared by the Engineer. Meeting minutes will be prepared and distributed by Engineer. At a minimum, the contractor, subcontractor(s), NYSDEC Project Manager, Engineer, and DEC site representative are expected to attend each meeting. Other persons important to various aspects of the project will be invited on a need basis.
  - Local community representatives will be invited as appropriate by DEC.

## 7. Changes in the Work (Article 9.2 of General Conditions):

- **Field Orders:**
  - Written order from engineer to contractor which orders minor changes to work that doesn't involve cost or time (clarifications).
  - If contractor disagrees with field order must make written notification to Department within three calendar days.

## 7. Changes in the Work (Article 9.2 of General Conditions): (continued)

- **Proposed Change Orders (Article 9.4 of General Conditions):**
  - Contractor initiates within 3 days of knowledge, follow-up documentation (cost and time) due within 15 days.
  - Department initiates - cost proposal due from Contractor within 3 days of issuance.
  - If Department and Contractor can not agree on price, contractor is still required to carry on with work involved and adhere to progress schedule. Contractor has 30 days from issuance to submit notice of intent to appeal to Department. After that time the Department's position becomes final.
- **Change Orders (Article 9.5.1 of General Conditions):**
  - To be prepared by Engineer, they follow proposed change orders once time and cost has been agreed upon.
  - Have to be routed to the **Department of Law (DOL) andOffice of the State Comptroller** (OSC) similar to construction contracts.
  - May take up to 90 days for approval, potentially longer for this project due to anticipated NYS budget crisis.

## 8. Payments (Article 9 - Agreement):

- **Change Orders (Article 9.5.1 of General Conditions):** (continued)
- Engineer will make measurements for payment in consultation with inspector as prepared by contractor. Robert Blow will discuss with Gregory Jones prior to submission.
- Contractor must use Department's CAP form, and be signed by Contractor's authorized representative identified in an executed copy of the Contract Documents (Section VI). Phil Holloway will have the designated authority of signing CAP. Mr. Holloway will submit a letter to DEC which authorizes his signature on payment applications and change orders.
- Change Order items cannot be shown until approved by DOL and OSC.
- Contractor to submit to Engineer no more frequently than monthly, at least two weeks prior to being reviewed by NYSDEC project manager.
- Engineer will review within five (5) days, and recommend payment or return to Contractor.
- CAP will not be approved if as-built (record drawings) documents are not kept current, and have been inspected by engineer.
- CAP will not be approved until contractor has submitted and engineer has reviewed progress schedule and other submittals which are due prior to CAP submission.
- Prompt payment law requires payment by Department within 30 days of receipt of CAP by NYSDEC project manager from engineer.

## 9. Completion of Work (Section 13.6 of General Conditions):

- Contractor is responsible for notifying the Department in writing that, in their opinion, the project is substantially complete.
- Substantial completion inspection will be held and punchlist developed by Engineer. Contractor to provide schedule to engineer for completion of punch list items. Contractor may invoice for up to twice the value of the work remaining at this time.
- Upon being given written notification from Contractor that punch list items have been completed the final inspection will be held by the Engineer.
- Department will issue satisfactory completion letter. Contractor can then submit for final payment (retainage release must be on separate CAP). No other costs can be claimed against contract in future.
- Affidavits associated with Contractor's verification of payment to their subcontractor's will be provided to Contractor upon request for release of retainage.

## 10. Disputes (Article 15 of General Conditions):

- Claims - certification language and time constraints contractor must be aware of.
- Claims< $10,000 will be decided by the Department. Claims > = $10,000 must be certified by Contractor and possibly decided by the Department's Contract Review Committee (CRC).
- Appendix B, paragraph IX of Section VII outlines steps taken by the CRC to resolve disputes.

## 11. M/WBE - EEO Requirements

- Contractor must submit updated M/WBE work plan to Department.

  1) HASP must contain all certifications, and all on-site workers must be 40 hr trained, and certified in CPR in addition to first aid.

  2) Contractor and Engineer will need to establish exclusion zones together at the beginning of the project upon mobilization.

  3) Contractor to submit drawing of decon pad to engineer for approval prior to starting work.

- Tyree indicated that the project M/WBE utilization plan has been approved by the Department. The approval letter is requested for submittal and attachment to the meeting minutes. A copy of the approval letter is attached as Attachment C.
- Contractor must document good faith efforts to meet goals identified in Contract Documents.

## 12. Open Discussion:

- As a result of the start of work fact sheets were mailed out to the project contact list on October 11, 2001 informing the local community of the construction project. Further discussions with community representatives will be performed by D. Chiusano.

- Engineer shall replace air filter in a residential basement property monthly. M. Steffan requested additional information regarding the property owner, filter size and the last time of replacement. The Department will provide further information to E&E after consultation with DOH.

- The project sign will be installed in the next week by Tyree. The location of the project sign will be on the new fence approximately 100 feet north of Main Street facing Whaley Avenue. This was acceptable.

- Tyree to discuss with the asbestos abatement contractor regarding the ten day notification request to NYSDOL and if any Applicable Variances (AVs) will be utilized in connection with the demolition of the building.

- Tyree has discussed the issue of permits and bonds with the Village of East Aurora. A building permit will be obtained for the demolition and remodeling work inside the building. A permit will be necessary for hydrant use and a bond has been submitted to the Village of East Aurora DPW regarding work in the right of way along Whaley Ave.

- 6 copies of the final project plans were transmitted by P. Holloway to G. Jones at the meeting. E&E will review for completeness and submit review of each to Tyree.

- For use of public water the Contractor is required to have back-flow prevent on hydrants. Tyree will make sure the unit is tested and approved for use for the project.

- M. Steffan had concern regarding site control and accidental access to the job site of Village people or OSHA uncertified personnel. This will be evaluated further once the site controls are in place.

- Contractor to submit final Transportation Plan. E&E to review for finalization.

- E&E to provide Tyree additional state plane coordinate information to initiate the survey layout work. M. Steffan to call Malcolm Pirnie to obtain information.

- P. Holloway discussed a number of Request for Further Information (RFIs) regarding the project. He will develop the requests and submit to M. Steffan for review and resolution.

- G. Jones discussed comments on the revised project Traffic Control Plan. Memo from 10/10/01 was submitted to Tyree regarding additional comments for revision of the plan.

- P. Holloway discussed the changes in the revised project plans as a result of E&E's comment letter of 8/11/01. Six (6) copies were submitted for comment and review to E&E.

## 12. Open Discussion: (continued)

- Prior to adjournment of the meeting it was discussed who and what items were owed by each party:

  - *Tyree*
    - Schedule of work for next two weeks to E&E
    - UCQs on all subcontractors over $10,000 to DEC
    - Project specific insurance forms to DEC
    - Off-hours emergency phone numbers to E&E
    - Approval Letter from Vicente Alfonso of Tyree's M/WBE plan to E&E. (See Attachment C)
    - Certified Payrolls to E&E
    - Resume of Tyree field staff to E&E
    - Final 14 day submittals to E&E

  - *NYSDEC*
    - Project mailing list
    - Provide contact at Agway project to Tyree
    - Review and approval of Tyree's final certificate of insurance
    - Provide information to Tyree on project easements.

  - *Ecology and Environment*
    - Provide project survey data to Tyree
    - Review 14 day submittals
    - Coordinate request for further information with P. Holloway on well sizing, bentonite grout, drain connections, and electrical conduits.

## 13. Meeting adjourned at approximately 12:00 PM.

- Progress Meeting #1 is scheduled for Wednesday, October 24, 2001 at 1:00 PM at the job site trailer.

## 14. These minutes shall stand as correct, unless objections are raised at the next progress meeting.

**Submitted By:** Michael G. Steffan

**Dated:** 10/22/01

ATTACHMENT A

# PRECONSTRUCTION CONFERENCE AGENDA
# Mr. C'S DRY CLEANERS SITE
# CONTRACT D004180
## NYSDEC
## Ecology & Environment Eng., P.C. OFFICES;
## 368 Pleasantview Drive, Lancaster, NEW YORK
## Friday, October 12, 8:30 AM

1. Sign-in sheet for attendees.

2. Representatives and responsibilities.

3. Contract times and liquidated damages.

4. Progress Schedule.

5. Article 5 of the General Conditions.

   *Working Hours*
   *Subcontractors*
   *As-builts*
   *Off hours emergency contact*
   *Shop Drawings*
   *Biweekly progress meetings*

6. Changes in the Work.

   *Field Orders*
   *Proposed Change Order*
   *Change Order*

7. Payments

8. Completion of Work

   *Substantial Completion*
   *Final Payment*

9. Disputes

   *Claims*

10. M/WBE - EEO Requirements

11. Project Plans

12. Contractor's Activities over next two(2) weeks.

13. Open Discussion

ATTACHMENT B

# Mr. C'S Dry Cleaners Site,

## NYSDEC Project # 9-15-157, Contract # D004180

## Progress Meeting # Precon.

**Date:** 10/12/01

**Engineer's On-site Office, Main and Whaley Street , East Aurora , New York**

*Meeting Sign-in Sheet*

| Name | Representing | Phone # | Fax# |
|---|---|---|---|
| Mike Stoffan | E&E | 684-8060 | |
| Greg Sutton | NYSDEC | 851-7220 | |
| David Chiusano | NYSDEC | (518) 402-9812 | |
| Phil Hollbury | Tyree | 518 786-3200 | 518 786 9723 |
| Gregory Jones | E&E | 684-8060 | |
| Don Miller | E&E | " | 716 684 08 |
| | | | |
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**Reviewed by:** M. G. Stoffan **Date:** 10/12/01

**New York State Department of Environmental Conservation**
**Division of Management & Budget Services**
**Bureau of Procurement Services, 10th Floor**
**Minority and Women's Business Programs**
625 Broadway, Albany, New York 12233-5027
**Phone:** (518) 402-9311 • **FAX:** (518) 402-9023
**Website:** www.dec.state.ny.us

Erin M. Crotty
Commissioner

ATTACHMENT C

August 28, 2001

Mr Phillip N. Holloway
Tyree Organization Ltd
Northway Lane
Latham New York 12110

Re: D004180
Mr. C' Dry Cleaners
Site # 9-15-157
Minority and Women's Business Program

Dear Mr Holloway:

The Office of Minority and Women's Business Programs (OMWBP) has received your Consultant/Contractor detailed Minority and Women's Business Enterprise-Equal Employment Opportunity (M/WBE-EEO) utilization plan and a list of the proposed items to be subcontracted for the above referenced contract. Based on a review of the submitted documents we have made the following determinations:

- The utilization plan is acceptable with the following M/WBE goals:

| | | |
|---|---|---|
| Total Contract Cost: | 100% | $1,379,947 |
| MBE Goal/Amount: | 6% | $ 82,796 |
| WBE Goal/Amount: | 6% | $ 82,796 |
| Combined Goal/Amount: | 12% | $ 165,595 |
| EEO Goals: | 10% Minority Work Force Participation<br>10% Female Work Force Participation | |

- The following firms and items listed on your utilization plan are acceptable for program crediting purposes:

| MBE Firm | Scope of Work | Contract Amount |
|---|---|---|
| Mitkem Corp. | Laboratory Services | $ 45,000 |

| WBE Firm | Scope of Work | Contract Amount |
|---|---|---|
| National Environmental System | System Manufacturing Engineering Services | $ 241,235 |

NOTE: Total proposed M/WBE participation to date 21% or $ 286,235 of the State contract amount. There exist a MBE deficit totaling ($37,796). However, due to your company far exceeding the WBE goal amount the MBE goal deficit will be waived.

We encourage you to make every good faith effort to meet the MBE as well WBE participation levels on future contract.

If you have any questions, I can be reached at (518) 402-9311

Sincerely,

Vicente Alfonso

Vicente Alfonso
Contract Compliance Specialist

cc: B. Moulhem
D. Chiusano

# C Tyree Bid Breakdown and Schedule of Values

RECEIVED
11/5/01

| BID ITEM | DESCRIPTION | LABOR AMOUNT | MATERIAL AMOUNT | SUB AMOUNT | PROFESSIONAL LABOR | TOTAL VALUE |
|---|---|---|---|---|---|---|
| LS-01 | | | | | | |
| | Mobilization/Demobilization | $2,636.00 | $1,695.00 | | $1,596.00 | $5,927.00 |
| | Project and Field Office Signs | | $905.00 | | | $905.00 |
| | Bonds, Insurance, Permits | | $1,695.00 | | | $1,695.00 |
| | Schedules, Record & Shop Drawings | | | | $3,990.00 | $3,990.00 |
| | Submittals | | $3,192.00 | | $2,394.00 | $5,586.00 |
| | Control, Layout & As-Builts | | | | $2,394.00 | $2,394.00 |
| | Decontamination Pad & Related | $1,980.00 | $1,413.00 | | | $3,393.00 |
| | Fencing Installation | | | $7,289.00 | | $7,289.00 |
| | Pre & Post Construction Sampling | | $497.00 | | | $497.00 |
| | Erosion Control | | $186.00 | | | $186.00 |
| | Temporary Facilities and Utilities | | $2,346.00 | | | $2,346.00 |
| | Staging Areas | $1,975.00 | $1,130.00 | | | $3,105.00 |
| | Temp Storage (Water) & Treatment | | $3,060.00 | | | $3,060.00 |
| | Surveying | | $12,432.00 | | | $12,432.00 |
| | Misc. Items Not Specified Elsewhere | | $16,107.00 | | | $16,107.00 |
| | | | | | LS-01 TOTAL | $68,912.00 |
| LS-02 | | | | | | |
| | Staff Labor Rates | $2,000.00 | | | $1,595.00 | $3,595.00 |
| | Misc Expenses | | $509.00 | | | $509.00 |
| | Relocate Trees and Shrubs | | | $588.00 | | $588.00 |
| | Soil Preparation | | | $442.00 | | $442.00 |
| | Lawns & Grasses | | | $1,017.00 | | $1,017.00 |
| | Mulching | | | $1,356.00 | | $1,356.00 |
| | Groundcover Plants | | | $85.00 | | $85.00 |
| | Shrubs & Hedges | | | $220.00 | | $220.00 |
| | Trees | | | $729.00 | | $729.00 |
| | | | | | LS-02 TOTAL | $8,541.00 |
| LS-03 | | | | | | |
| | Electrical Sub | | | $62,156.00 | | $62,156.00 |
| | Staff Labor Rates | | | | $2,554.00 | $2,554.00 |
| | Building Subcontractor | | | $54,245.00 | | $54,245.00 |
| | Asbestos Subcontractor | | | $10,735.00 | | $10,735.00 |
| | | | | | LS-03 TOTAL | $129,690.00 |
| LS-04 | | | | | | |
| | Staff Labor Rates | $13,181.00 | | | $9,119.00 | $22,300.00 |
| | System Supplier | | $241,734.00 | | | $241,734.00 |
| | Start-Up (Manufacturers Rep) | | $4,579.00 | | | $4,579.00 |
| | Eye Wash Station | | $1,904.00 | | | $1,904.00 |
| | Misc. Expenses | | $1,017.00 | | | $1,017.00 |
| | | | | | LS-04 TOTAL | $271,534.00 |
| UC-01 | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Trailers / Temp. Services | | $25,036.00 | | | $25,036.00 |
| | Staff Labor Rates | | | | $8,968.00 | $7,968.00 |
| | Security | | | $11,301.00 | | $12,301.00 |
| | | | | | **UC-01 TOTAL** | **$45,305.00** |
| **UC-02** | | | | | | |
| | Water Disposal | | $2,836.00 | | | $2,836.00 |
| | Staff Labor Rates | $2,636.00 | | | $13,007.00 | $15,643.00 |
| | Safety Equipment | | $283.00 | | | $283.00 |
| | Health & Safety Maintenance | | $1,413.00 | | | $1,413.00 |
| | Vac Truck | | $2,260.00 | | | $2,260.00 |
| | Misc. Expenses | | $565.00 | | | $565.00 |
| | | | | | **UC-02 TOTAL** | **$23,000.00** |
| **UC-03A** | | | | | | |
| | Pumps | | $18,154.00 | | | $18,154.00 |
| | Drilling Subcontractor | | | $43,625.00 | | $43,625.00 |
| | Staff Labor Rates | $7,909.00 | | | $3,776.00 | $11,685.00 |
| | Frac Tank | | $2,712.00 | | | $2,712.00 |
| | Misc. Expenses | | $509.00 | | | $509.00 |
| | | | | | **UC-03A TOTAL** | **$76,685.00** |
| **UC-03B** | | | | | | |
| | Staff Labor Rates | $3,295.00 | | | $929.00 | $4,224.00 |
| | Misc. Expenses | | $85.00 | | | $85.00 |
| | | | | | **UC-03B TOTAL** | **$4,309.00** |
| **UC-03C** | | | | | | |
| | Pumps | | $4,882.00 | | | $4,882.00 |
| | Drilling Subcontractor | | | $5,425.00 | | $5,425.00 |
| | Staff Labor Rates | $791.00 | | | $809.00 | $1,600.00 |
| | Misc. Expenses | | $28.00 | | | $28.00 |
| | | | | | **UC-03B TOTAL** | **$11,935.00** |
| **UC-03D** | | | | | | |
| | Drilling Subcontractor | | | $3,616.00 | | $3,616.00 |
| | Staff Labor Rates | $791.00 | | | $1,448.00 | $2,239.00 |
| | Misc. Expenses | | $28.00 | | | $28.00 |
| | | | | | **UC-03D TOTAL** | **$5,883.00** |
| **UC-04** | | | | | | |
| | Drilling Subcontractor | | | $57,635.00 | | $57,635.00 |
| | Staff Labor Rates | | | | $3,455.00 | $3,455.00 |
| | Misc. Expenses | | $170.00 | | | $170.00 |
| | | | | | **UC-04 TOTAL** | **$61,260.00** |
| **UC-05A** | | | | | | |
| | Surveyor | | | $7,145.00 | | $7,145.00 |
| | Concrete | | $3,560.00 | | | $3,560.00 |
| | Tank Pad Installation | $3,081.00 | | | | $3,081.00 |
| | HDPE Pipe | | $13,144.00 | | | $13,144 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Pipe Galvanized-PVC | $6,991.00 | | | | $6,991.00 |
| | Excavation | $14,366.00 | | | | $14,366.00 |
| | Asphalt | | $1,130.00 | | | $1,130.00 |
| | Asphalt Sawcutting | $4,890.00 | | | | $4,890.00 |
| | Asphalt Paving | | | $7,967.00 | | $7,967.00 |
| | Asphalt Disposal | | $1,271.00 | | | $1,271.00 |
| | Sand/Stone/Gravel | | $3,758.00 | | | $3,758.00 |
| | Backfill | $1,285.00 | | | | $1,285.00 |
| | Staff Labor Rates | $1,582.00 | | | $11,173.00 | $12,755.00 |
| | Soil Compaction Testing | | $6,216.00 | | | $6,216.00 |
| | Traffic Control | | $1,130.00 | | | $1,130.00 |
| | Misc. Expenses | | $1,356.00 | | | $1,356.00 |
| | Trench Shoring | | $3,955.00 | | | $3,955.00 |
| | | | | | **UC-05A TOTAL** | **$94,000.00** |
| **UC-05B** | | | | | | |
| | Staff Labor Rates | | | | $5,587.00 | $5,587.00 |
| | Site Work Subcontractor | | | $133,538.00 | | $133,538.00 |
| | | | | | **UC-05B TOTAL** | **$139,125.00** |
| **UC-05C** | | | | | | |
| | Sand/Stone/Gravel | | $11,098.00 | | | $11,098.00 |
| | Backfill | $4,238.00 | | | | $4,238.00 |
| | Staff Labor Rates | | | | $2,713.00 | $2,713.00 |
| | Misc. Expenses | | $226.00 | | | $226.00 |
| | | | | | **UC-05C TOTAL** | **$18,275.00** |
| **UC-06A** | | | | | | |
| | Soil Disposal | | $145,006.00 | | | $145,006.00 |
| | Staff Labor Rates | | | | $638.00 | $638.00 |
| | Soil Loading | | $1,356.00 | | | $1,356.00 |
| | | | | | **UC-06A TOTAL** | **$147,000.00** |
| **UC-06B** | | | | | | |
| | Soil Disposal | | $36,006.00 | | | $36,006.00 |
| | Staff Labor Rates | | | | $638.00 | $638.00 |
| | Soil Loading | | $1,356.00 | | | $1,356.00 |
| | | | | | **UC-O6B TOTAL** | **$38,000.00** |
| **UC-07A** | | | | | | |
| | Concrete | | | $9,154.00 | | $9,154.00 |
| | Curbing | | | $1,808.00 | | $1,808.00 |
| | Staff Labor Rates | | | | $1,915.00 | $1,915.00 |
| | Misc. Expenses | | $248.00 | | | $248.00 |
| | | | | | **UC-07A TOTAL** | **$13,125.00** |
| **UC-07B** | | | | | | |
| | Sand/Stone/Gravel | | $170.00 | | | $170.00 |
| | Staff Labor Rates | | | | $2,634.00 | $2,634.00 |
| | Misc. Expenses | | $339.00 | | | $339.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Manholes 4' | $7,030.00 | $3,136.00 | | | $10,166.00 |
| | Utility Tie Ins | $1,976.00 | $85.00 | | | $2,061.00 |
| | Manhole Castings | $989.00 | $1,271.00 | | | $2,260.00 |
| | | | | | **UC-07B TOTAL** | **$17,630.00** |
| **UC-07C** | | | | | | |
| | Staff Labor Rates | | | | $1,915.00 | $1,915.00 |
| | Site Work Subcontractor | | | $11,442.00 | | $11,442.00 |
| | Misc. Expenses | | $170.00 | | | $170.00 |
| | | | | | **UC-07C TOTAL** | **$13,527.00** |
| **UC-08** | | | | | | |
| | Asphalt Paving | | | $27,798.00 | | $27,798.00 |
| | Staff Labor Rates | | | | $1,277.00 | $1,277.00 |
| | Misc. Expenses | | $85.00 | | | $85.00 |
| | | | | | **UC-08 TOTAL** | **$29,160.00** |
| **UC-09** | | | | | | |
| | Electrical & Phone Usage | | $6,103.00 | | | $6,103.00 |
| | Soil Disposal | | $3,729.00 | | | $3,729.00 |
| | Staff Labor Rates | | | | $55,225.00 | $55,225.00 |
| | Misc. Expenses | | $3,108.00 | | | $3,108.00 |
| | Sequestering Agent | | $4,241.00 | | | $4,241.00 |
| | Carbon Replacement | | $45,204.00 | | | $45,204.00 |
| | Misc Materials | | $1,130.00 | | | $1,130.00 |
| | | | | | **UC-09 TOTAL** | **$118,740.00** |
| **UC-10A** | | | | | | |
| | Lab Analysis | | | $7,007.00 | | $7,007.00 |
| | Staff Labor Rates | | | | $2,283.00 | $2,283.00 |
| | Misc. Expenses | | $226.00 | | | $226.00 |
| | Sampling Equipment | | $342.00 | | | $342.00 |
| | | | | | **UC-10A TOTAL** | **$9,858.00** |
| **UC-10B** | | | | | | |
| | Lab Analysis | | | $7,007.00 | | $7,007.00 |
| | Staff Labor Rates | | | | $2,283.00 | $2,283.00 |
| | Misc. Expenses | | $226.00 | | | $226.00 |
| | Sampling Equipment | | $342.00 | | | $342.00 |
| | | | | | **UC-10B TOTAL** | **$9,858.00** |
| **UC-10C** | | | | | | |
| | Lab Analysis | | | $2,500.00 | | $2,500.00 |
| | Staff Labor Rates | | | | $1,197.00 | $1,200.00 |
| | | | | | **UC-10C TOTAL** | **$3,700.00** |
| **UC-10D** | | | | | | |
| | Lab Analysis | | | $7,950.00 | | $7,950.00 |
| | Staff Labor Rates | | | | $650.00 | $650.00 |
| | | | | | **UC-10D TOTAL** | **$8,600.00** |
| **UC-10E** | | | | | | |

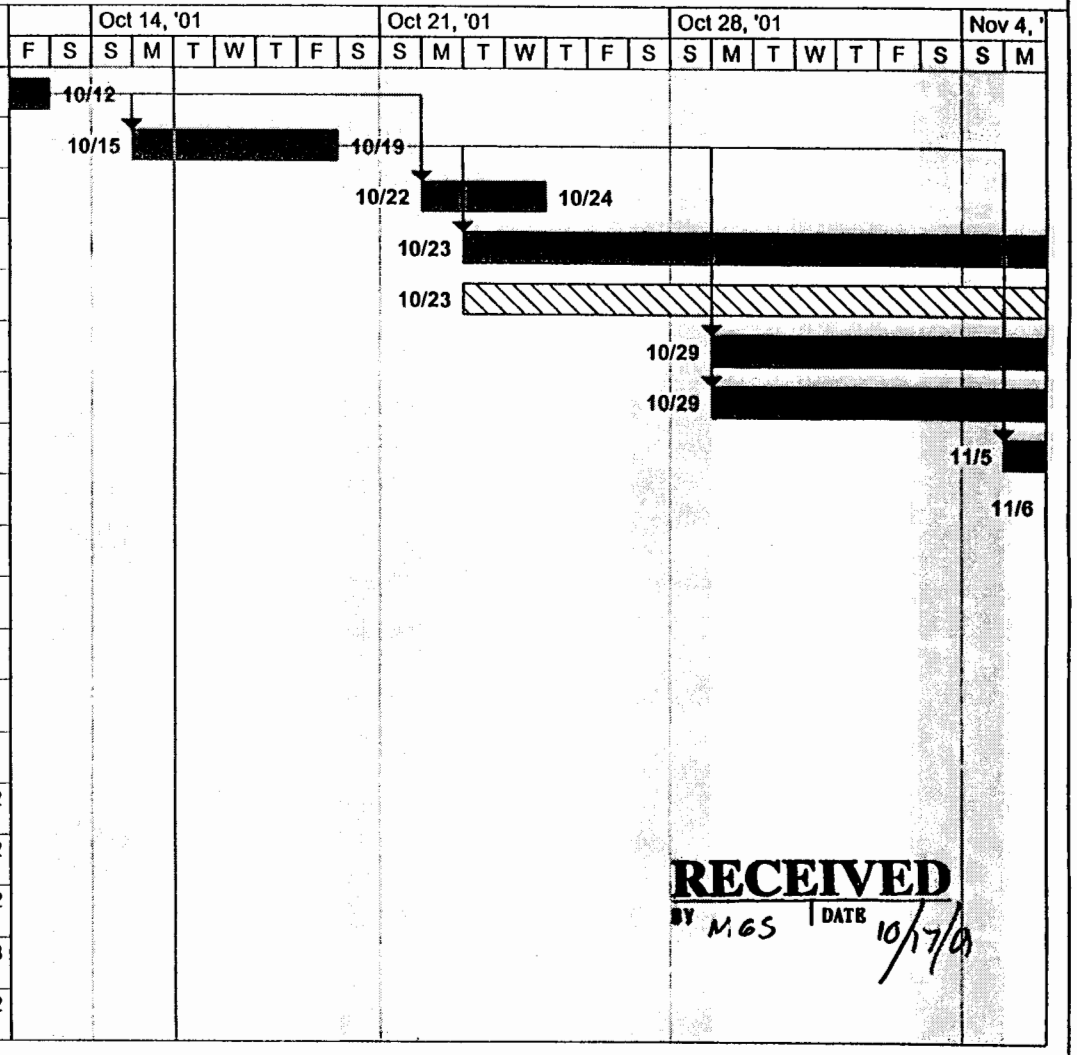
| | | | | | | |
|---|---|---|---|---|---|---|
| | Lab Analysis | | | $2,950.00 | | $2,950.00 |
| | Staff Labor Rates | | | | $650.00 | $650.00 |
| | | | | | **UC-10E TOTAL** | **$3,600.00** |
| **UC-10F** | | | | | | |
| | Lab Analysis | | | $5,470.00 | | $5,470.00 |
| | Staff Labor Rates | | | | $650.00 | $650.00 |
| | | | | | **UC-10F TOTAL** | **$6,120.00** |
| **UC-10G** | | | | | | |
| | Lab Analysis | | | $1,925.00 | | $1,925.00 |
| | Staff Labor Rates | | | | $650.00 | $650.00 |
| | | | | | **UC-10G TOTAL** | **$2,575.00** |
| | | | | | | |
| | | | | | **PROJECT TOTAL** | **$1,379,947.00** |

# D

# Tyree Project Schedule

## Mr. C's Dry Cleaners - Proposed Progress Schedule

| ID | Task Name | Duration | Start | Finish |
|---|---|---|---|---|
| 1 | Pre Construction Meeting | 1 day | Fri 10/12/01 | Fri 10/12/01 |
| 2 | Mob / Demob | 5 days | Mon 10/15/01 | Fri 10/19/01 |
| 3 | Fencing | 3 days | Mon 10/22/01 | Wed 10/24/01 |
| 4 | piezometerDrilling | 14 days | Tue 10/23/01 | Fri 11/9/01 |
| 15 | Pumping well Drilling | 10 days | Tue 10/23/01 | Mon 11/5/01 |
| 5 | Building Preparation | 25 days | Mon 10/29/01 | Fri 11/30/01 |
| 6 | Force Main | 14 days | Mon 10/29/01 | Thu 11/15/01 |
| 7 | Trenching / Piping / Manholes | 20 days | Mon 11/5/01 | Fri 11/30/01 |
| 13 | Pump Tests | 10 days | Tue 11/6/01 | Mon 11/19/01 |
| 9 | Asphalt Restoration | 5 days | Mon 11/19/01 | Fri 11/23/01 |
| 8 | Install Pumps | 10 days | Tue 11/20/01 | Mon 12/3/01 |
| 10 | Concrete Restoration | 5 days | Mon 12/3/01 | Fri 12/7/01 |
| 14 | Electrical | 10 days | Tue 12/4/01 | Mon 12/17/01 |
| 11 | System component delivery | 5 days | Mon 12/17/01 | Fri 12/21/01 |
| 12 | Final System Hookup | 25 days | Mon 12/17/01 | Fri 1/18/02 |
| 16 | Monitoring Well Sampling | 3 days | Mon 1/21/02 | Wed 1/23/02 |
| 17 | Start Up | 35 days | Thu 1/24/02 | Wed 3/13/02 |
| 18 | O&M | 265 days | Thu 3/14/02 | Wed 3/19/03 |
| 19 | Monitoring Well Sampling | 3 days | Mon 9/9/02 | Wed 9/11/02 |

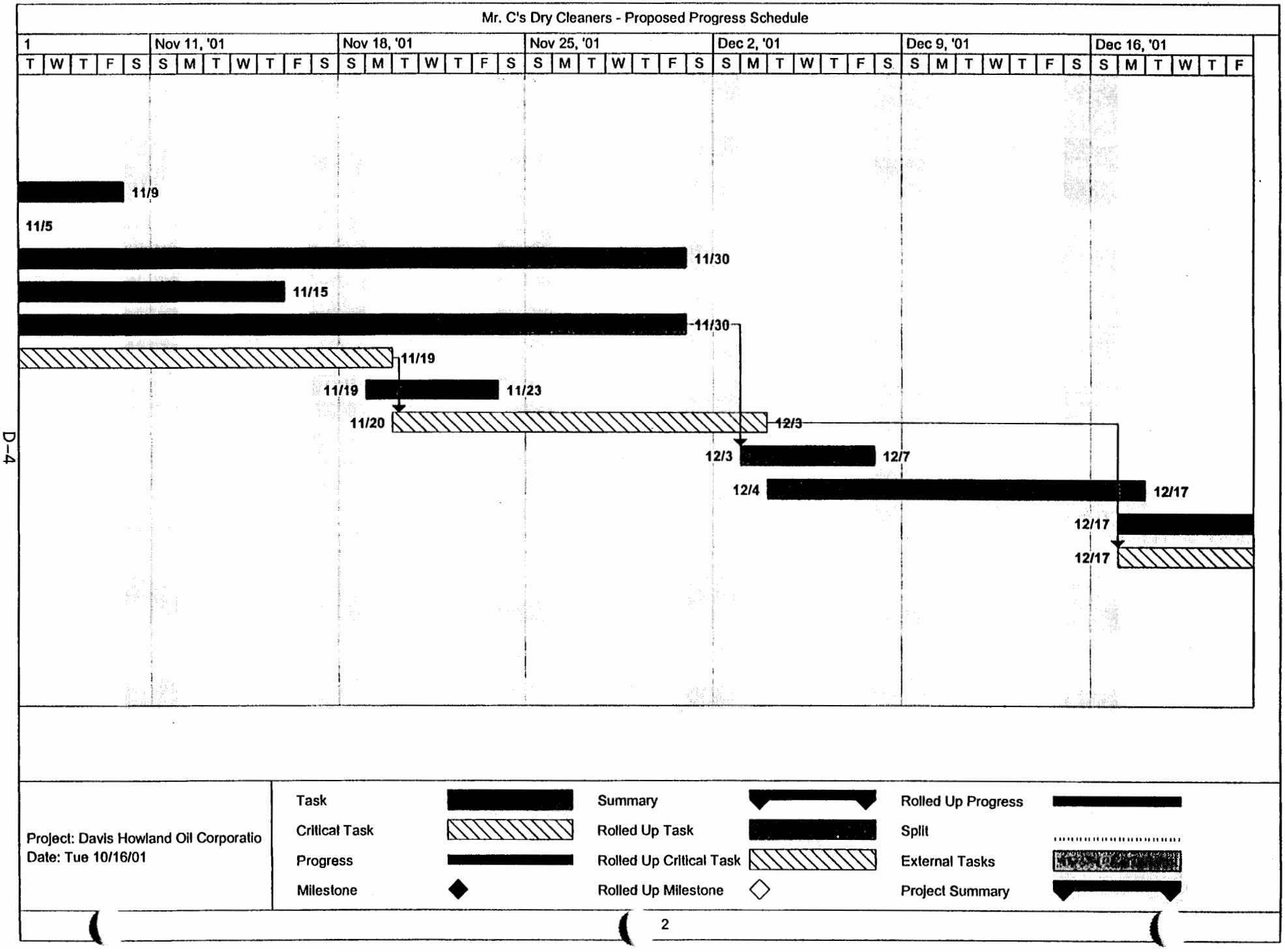



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BY MGS DATE 10/17/01

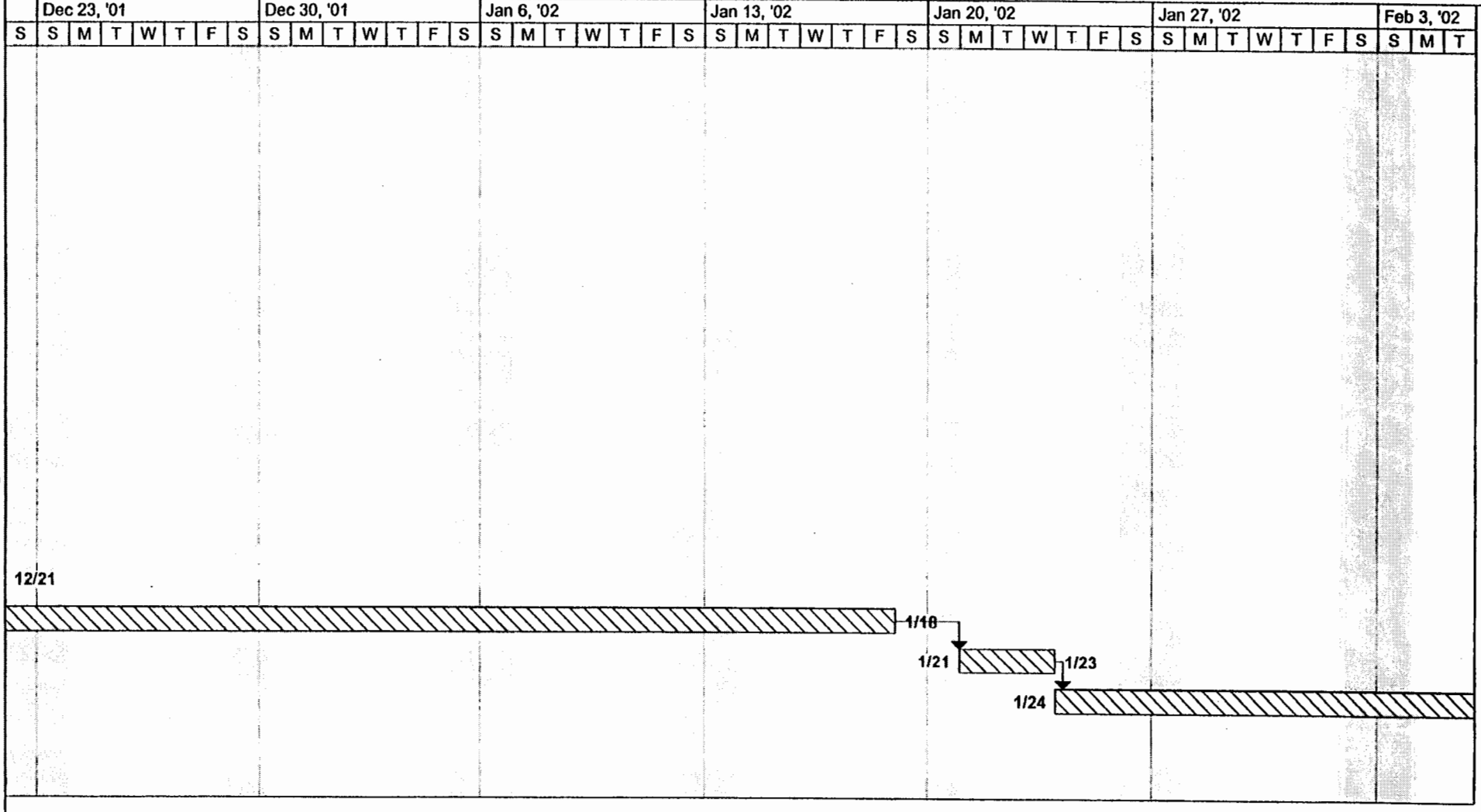
D-3

Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

| | | | |
|---|---|---|---|
| Task | Summary | Rolled Up Progress | |
| Critical Task | Rolled Up Task | Split | |
| Progress | Rolled Up Critical Task | External Tasks | |
| Milestone | Rolled Up Milestone | Project Summary | |


Mr. C's Dry Cleaners - Proposed Progress Schedule
1
Nov 11, '01
Nov 18, '01
Nov 25, '01
Dec 2, '01
Dec 9, '01
Dec 16, '01
T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F
11/9
11/5
11/30
11/15
11/30
11/19
11/19
11/23
11/20
12/3
12/3
12/7
12/4
12/17
12/17
12/17
Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01
Task
Critical Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Critical Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary

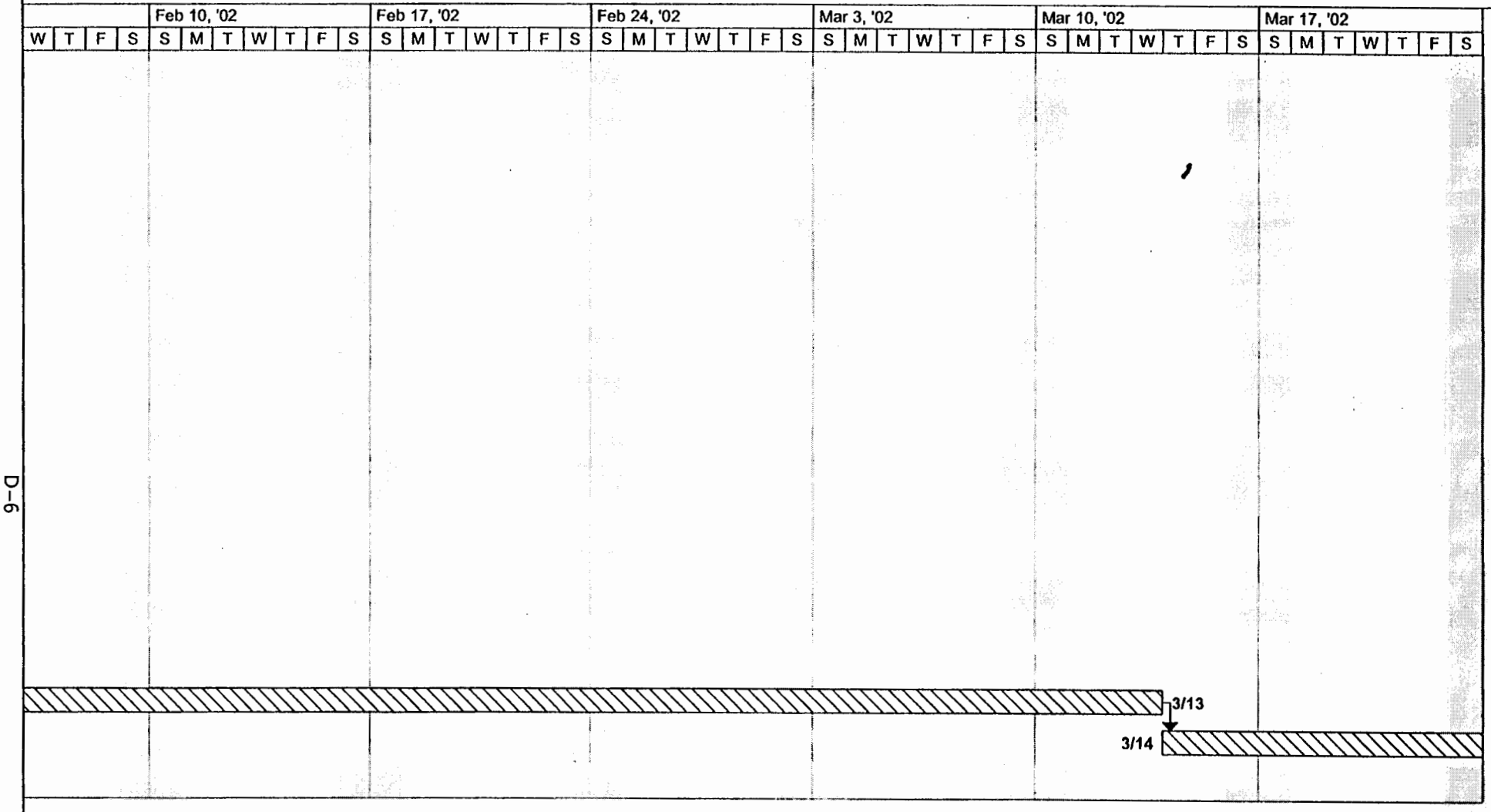
Mr. C's Dry Cleaners - Proposed Progress Schedule




Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

| | | | | | |
|---|---|---|---|---|---|
| Task | | Summary | | Rolled Up Progress | |
| Critical Task | | Rolled Up Task | | Split | |
| Progress | | Rolled Up Critical Task | | External Tasks | |
| Milestone | ◆ | Rolled Up Milestone | ◇ | Project Summary | |

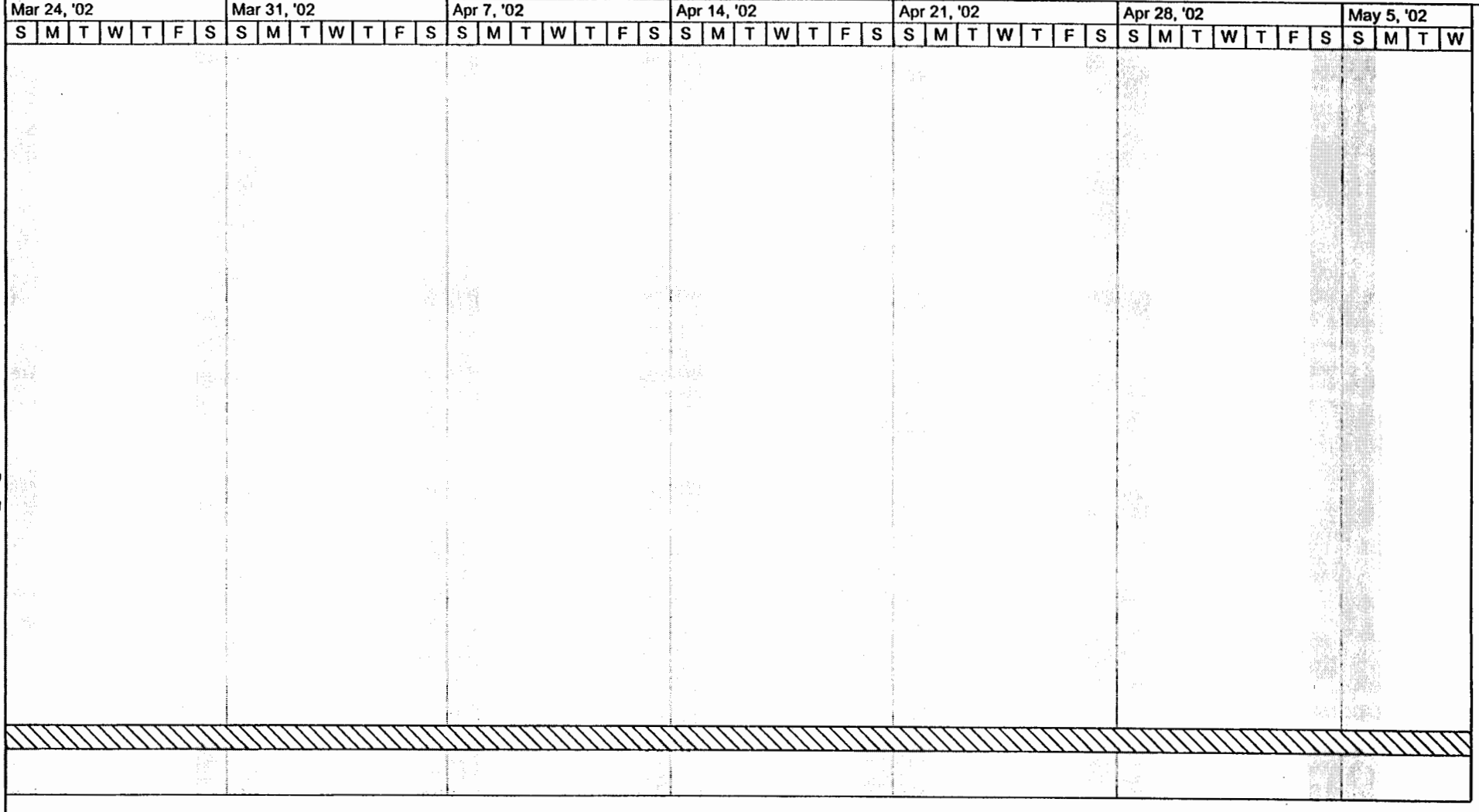
## Mr. C's Dry Cleaners - Proposed Progress Schedule




Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

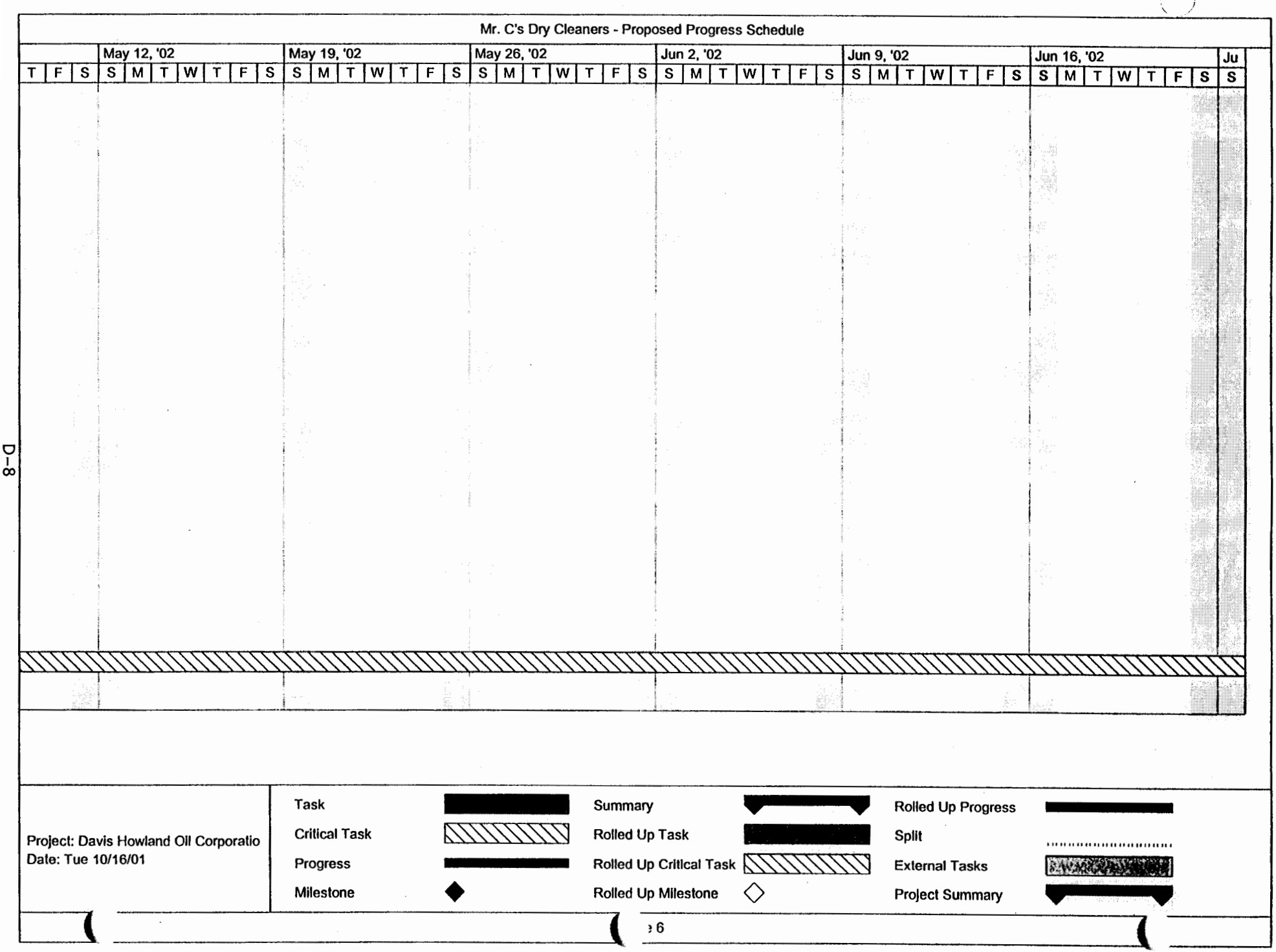
| | | | | | |
|---|---|---|---|---|---|
| Task | Summary | Rolled Up Progress |
| Critical Task | Rolled Up Task | Split |
| Progress | Rolled Up Critical Task | External Tasks |
| Milestone | Rolled Up Milestone | Project Summary |

## Mr. C's Dry Cleaners - Proposed Progress Schedule

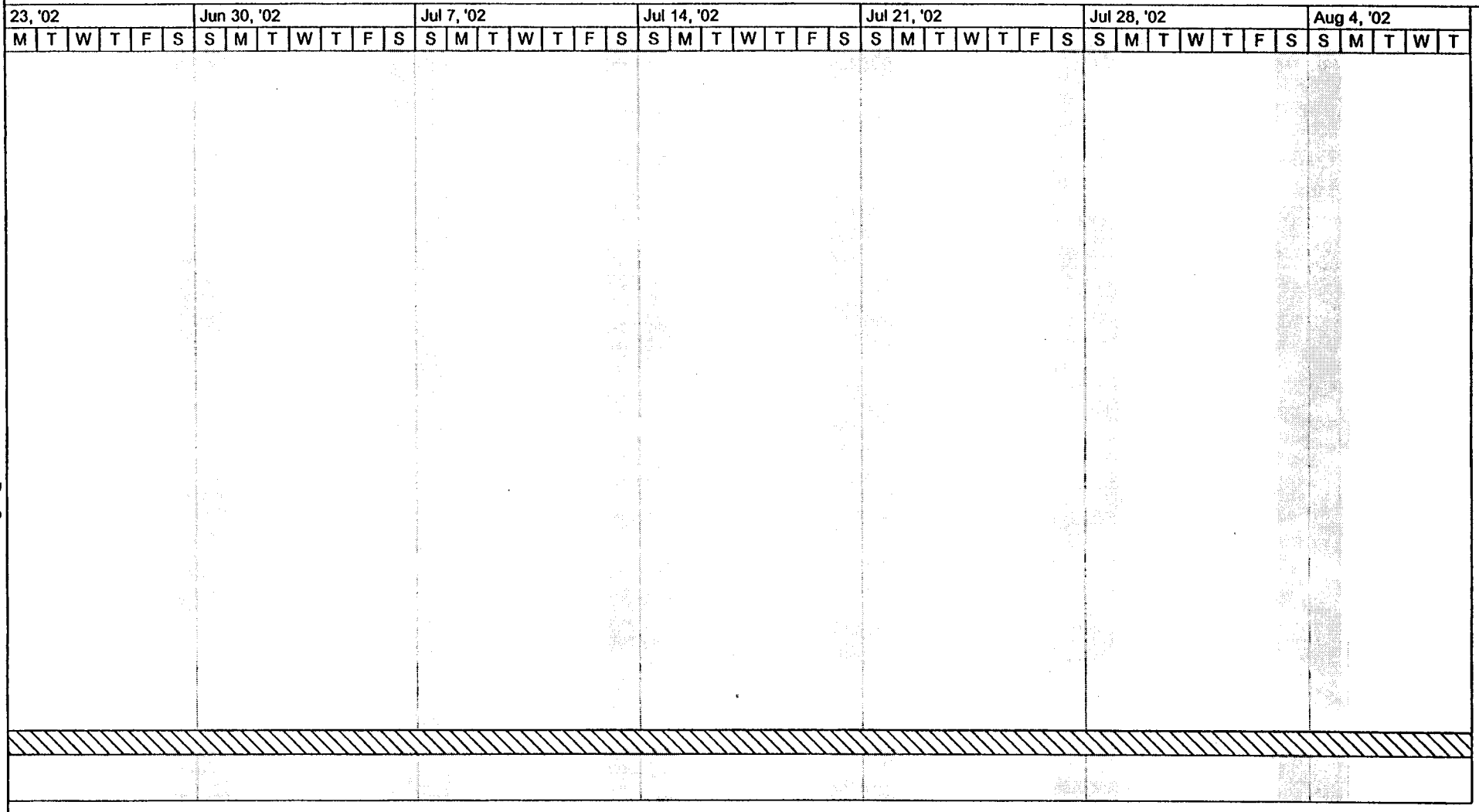



Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

| | | | | | |
|---|---|---|---|---|---|
| Task | | Summary | | Rolled Up Progress | |
| Critical Task | | Rolled Up Task | | Split | |
| Progress | | Rolled Up Critical Task | | External Tasks | |
| Milestone | | Rolled Up Milestone | | Project Summary | |

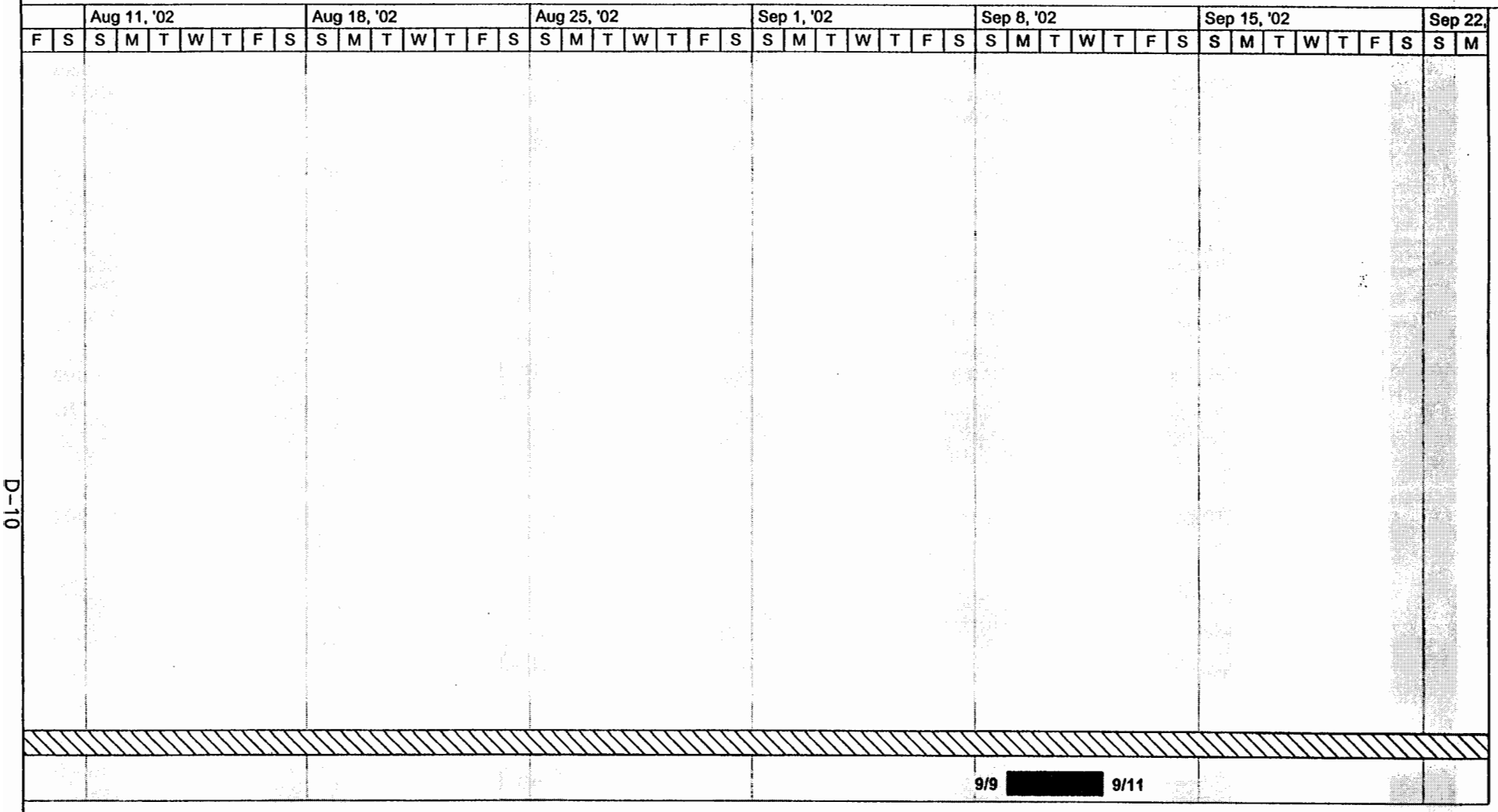

Mr. C's Dry Cleaners - Proposed Progress Schedule
May 12, '02
May 19, '02
May 26, '02
Jun 2, '02
Jun 9, '02
Jun 16, '02
Ju
T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S
Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01
Task
Critical Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Critical Task
Rolled Up Milestone
Rolled Up Progress
Split
External Tasks
Project Summary

Mr. C's Dry Cleaners - Proposed Progress Schedule




Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

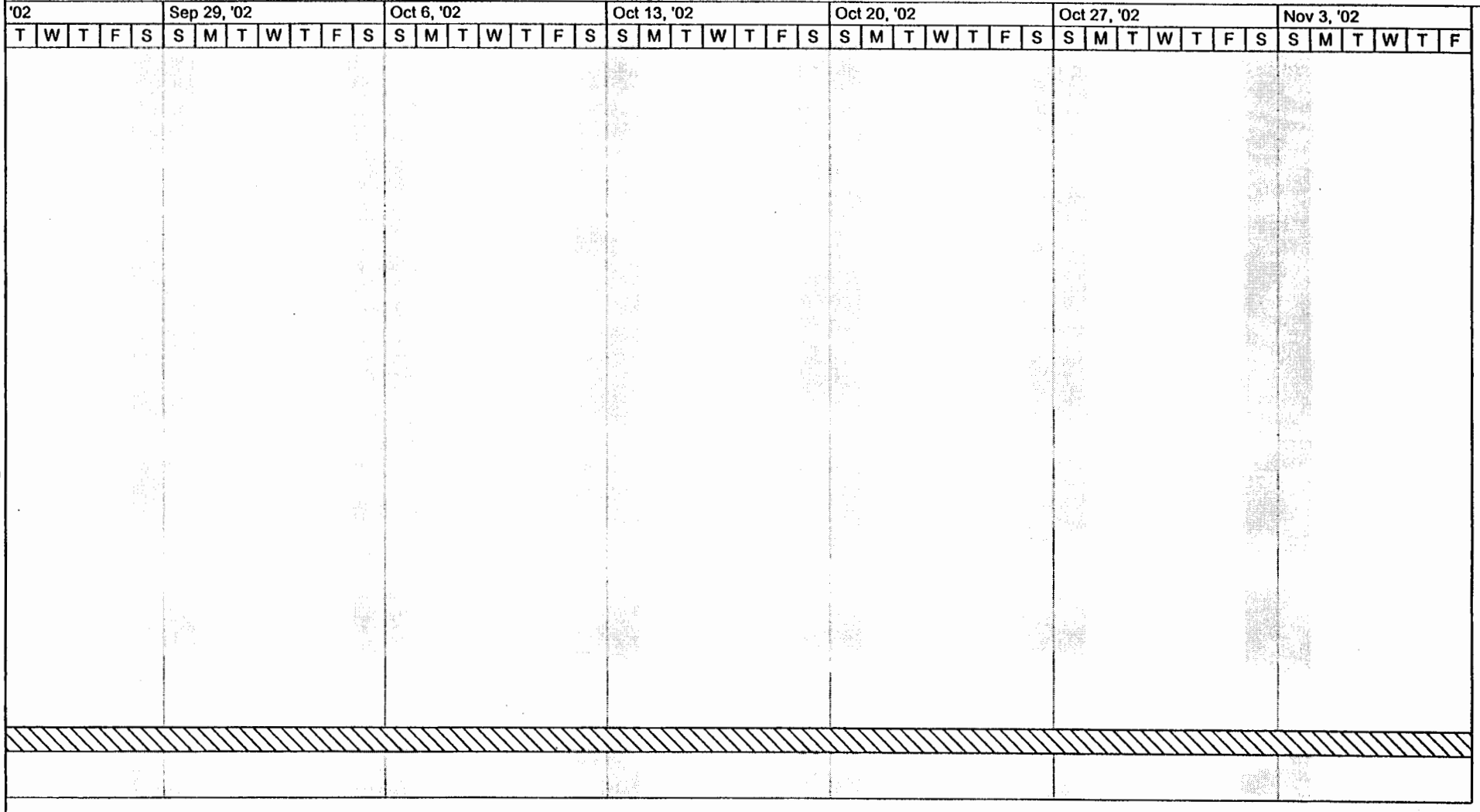
Mr. C's Dry Cleaners - Proposed Progress Schedule




Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

| | | | | | |
|---|---|---|---|---|---|
| Task | | Summary | | Rolled Up Progress | |
| Critical Task | | Rolled Up Task | | Split | |
| Progress | | Rolled Up Critical Task | | External Tasks | |
| Milestone | | Rolled Up Milestone | | Project Summary | |

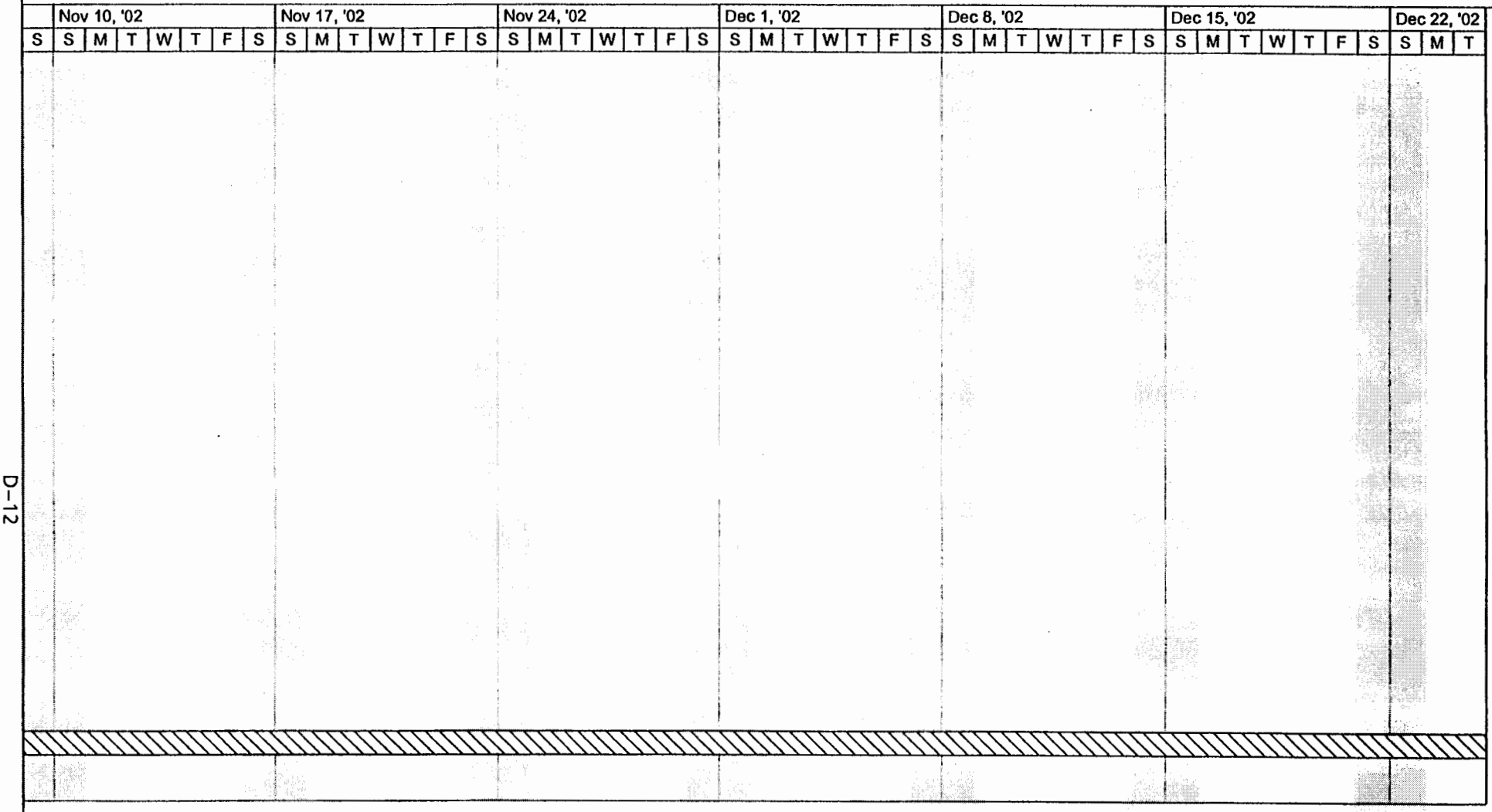
Mr. C's Dry Cleaners - Proposed Progress Schedule



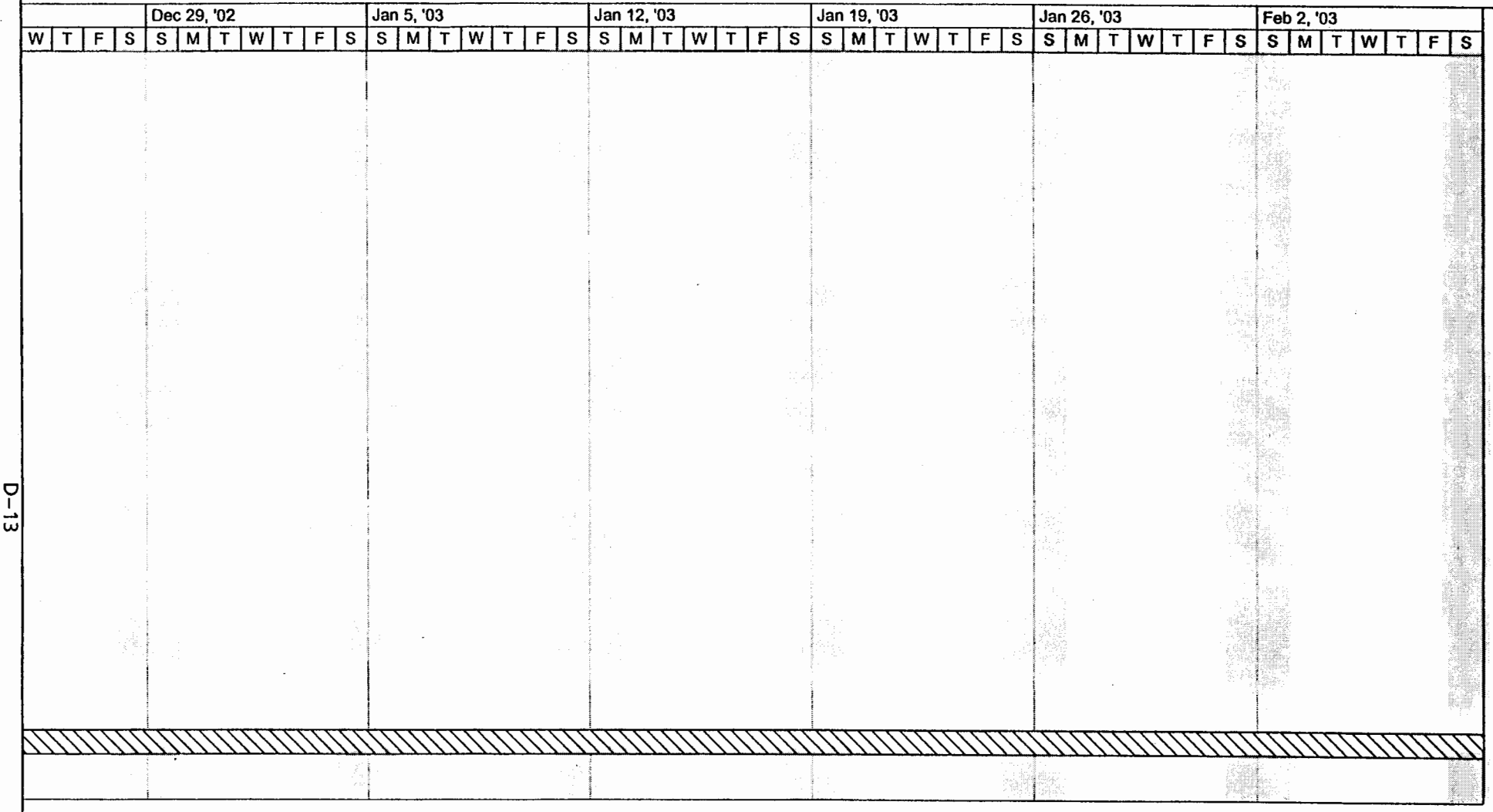

Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

| | | | | | |
|---|---|---|---|---|---|
| Task | | Summary | | Rolled Up Progress | |
| Critical Task | | Rolled Up Task | | Split | |
| Progress | | Rolled Up Critical Task | | External Tasks | |
| Milestone | | Rolled Up Milestone | | Project Summary | |

## Mr. C's Dry Cleaners - Proposed Progress Schedule



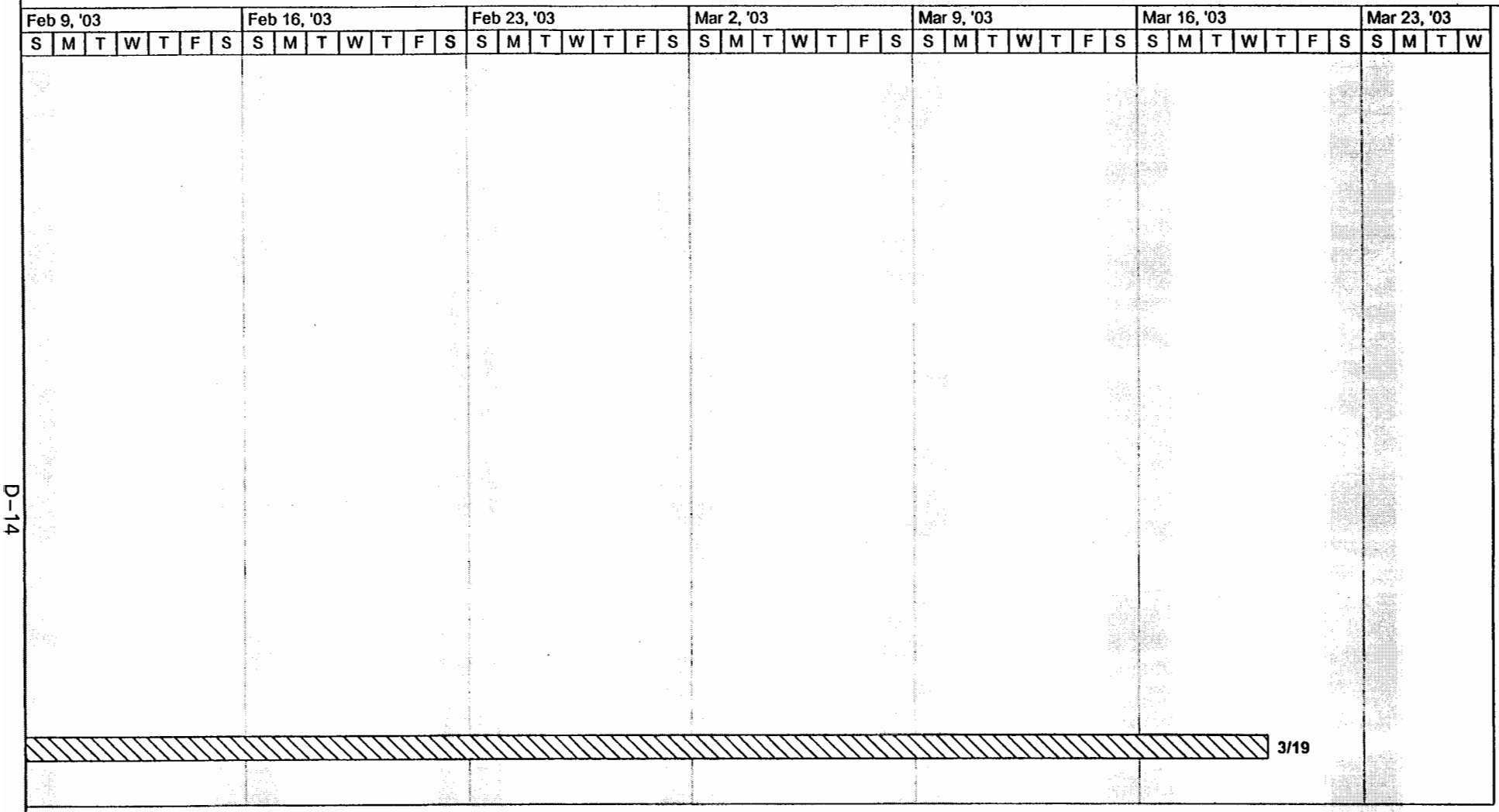
Mr. C's Dry Cleaners - Proposed Progress Schedule




Project: Davis Howland Oil Corporatio
Date: Tue 10/16/01

| | | | | | |
|---|---|---|---|---|---|
| Task | | Summary | | Rolled Up Progress | |
| Critical Task | | Rolled Up Task | | Split | |
| Progress | | Rolled Up Critical Task | | External Tasks | |
| Milestone | | Rolled Up Milestone | | Project Summary | |

## Mr. C's Dry Cleaners - Proposed Progress Schedule




| | | | | | |
|---|---|---|---|---|---|
| Project: Davis Howland Oil Corporatio<br>Date: Tue 10/16/01 | Task | | Summary | | Rolled Up Progress | |
| | Critical Task | | Rolled Up Task | | Split | |
| | Progress | | Rolled Up Critical Task | | External Tasks | |
| | Milestone | ◆ | Rolled Up Milestone | ◇ | Project Summary | |

# E Project Submittal and Shop Drawing Log

SUBMIT[illegible]CHEDULE
MR. C'S [illegible]LEANERS
CONTRAC[illegible]. D004180
JOB 301

| Submittal No. | Revision No. | SUBCONTRATOR/SUPPLY | Sent to Engineer | Returned from Engineer | to Sub/Super | ITEM DESCRIPTION | Section No. | Approval Date |
|---|---|---|---|---|---|---|---|---|
| 001 | | National Env. Systems Inc. | 10/16/2001 | 11/7/2001 | 11/8/2001 | Groundwater Pumps-Submersible | 11312,pg 3,para 2.2.D. | 10/23/2001 |
| 002 | | T.E. McNamara Trucking | 10/16/2001 | 11/7/2001 | 11/8/2001 | Crushed Stone & Gravel | 02230,pg 2230-1,2,3,para 2.1.A;2.1.B;2.1.C. | 10/23/2001 |
| 003 | | Nothnagle | 10/16/2001 | 11/7/2001 | 11/8/2001 | Portland Cement for grout/Project schedule. | 02660, pg 3,4,8;para 3.1.C.4;3.2.E;3.4.F | 10/23/2001 |
| 004 | | Nothnagle | 10/16/2001 | 11/7/2001 | 11/8/2001 | Bentonite | 02660,pg 02660-8,para 3.4.E | 10/23/2001 |
| 005 | | Nothnagle | 10/16/2001 | 11/7/2001 | 11/8/2001 | PVC Schedule 40 for Piezometer | 02660,pg 02660-1,para 3.4.D | 10/23/2001 |
| 006 | | Kulbach's | 10/16/2001 | | | Interior Remodeling/agg.for asphalt,doors,frames,ovrhead drs.,paint,louver | 15052;15140,09900;08333;05501 | |
| 007 | | Southern Tier Fence | 10/18/2001 | 11/7/2001 | 11/8/2001 | Chain link fence material,drawings | XI-Supplemental Specs,Addendum 1 02831-Facing,pg 02831-2 Addendum Att.F. | 10/23/2001 |
| 008 | | Anastasi Trucking & Paving | 10/22/2001 | | | Forcemain manholes/cleanout chambers/precast headwall | 02606;pg 2, part 2.1 | 10/23/2001 |
| 009 | | Kulbach's | 10/22/2001 | | | Interior construction items/USG Drywall Suspension System,Drywall,Marlite FRP,Marino Steel Studs | 0.05501 | 11/14/2001 |
| 010 | | Anastasi Trucking & Paving | 10/26/2001 | | | Job mix formula type 3 binder,gernatt asphalt;Job mix formula type 7F top,Germatt Asphalt;Sieve Analysis for Item 304.05 Gernatt Asphalt;Sieve Analysis for Item 605.1001-1-A stone. (Bituminus Paving) | 02512.pg 2,3,para 2.1 | 11/5/2001 |
| 011 | | Anastasi Trucking & Paving | 10/26/2001 | | | Bronze Ball Valve - American valve; Pipe supports - National Pipe Hanger Corp.;Air release Valves - ValMatic Valve & Mfg. Corp. (Cleanout chamber appurtenances) | 15100;15140,15100-4,15140-2,3 pg.2.1.F;2.1.C,2.1.A;2.1 | 11/5/2001 |
| 012 | | Classic Environmental,Inc. | 10/29/2001 | | | RESUBMITTAL ASBESTOS PLAN AS NOTED ITEMS 1 TO 5 | Addendum 1,attachment C | 10/23/2001 |
| 013 | | Lee Supply | 10/29/2001 | | | HDPE pipe and Fittings | Sections: 15051;15052;15100;15051-3;15052-3;15100-3 | |
| 014 | | Anastasi Trucking & Paving | 10/31/2001 | 11/7/2001 | 11/8/2001 | HDPE pipe and Fittings/Forcemain discharge | Sections: 15051;15100;piping schedule;pg 3 | 11/1/2001 |
| 015 | | Tyree | 11/1/2001 | | | Electric contuit PVC Buried to be purchased by Tyree | Sections 16100;pg. 4,para. 2.1.B/C | |
| 016 | | Tyree | 11/1/2001 | | | Polymer Concrete Handhole to be purchased by Tyree | Section 16100;pg.?,para. ? Drawing E3 of 3 | |
| 000 | | DEMOLITION PLAN | | 11/7/2001 | 11/8/2001 | FINAL 14 DAY SUBMITTAL PACKAGE REVIEW | | 10/23/2002 |
| 017 | | | | | | Pumping well manholes | XI-02606 | 11/14/2001 |
| 018 | | Kulbach's | 11/12/2001 | | | Hotpatch roofing | Section 02080; Addendum 1,attachment D,page no. 2 | 11/14/2001 |
| 019 | | Anastasi Trucking & Paving | 11/12/2001 | | | Manhole frames/covers/watertight seals | Section 02606;page 3;5,para 2,3;3,6 | |
| 020 | | Tyree | 11/12/2001 | | | Electric cable/wire | Section 16100;page 5,para 2.2.A | 11/14/2001 |
| 021 | | Rain for Rent | 11/12/2001 | | | Temporary Groundwater treatment system for pump tests | Section 02660 | 11/14/2001 |
| 022 | | Tyree | 11/13/2001 | | | Excavation plan/Trench box certificate for shoring/approved by PE | Section 02220;pg 2;para 3.7/1.3 | |
| 023 | | Tyree | 11/30/2001 | | | Insulation: sound proofing for building remodeling | Roxul AFB Batt Insulation 07210,09820 | 11/30/2001 |
| 024 | | Tyree | 12/4/2001 | | | Pump test results | Section 02660,pg10;para 3,6.E | |
| 025 | | Walter west; Midwest | 12/10/01 | | | pitless adapters | Section 15051;15100 | |
| 026 | | Guardian | 12/10/01 | | | eye wash station | Sheet G6 | |
| 027 | | Watts | 12/10/01 | | | backflow preventor (meets East Aurora DPW Specs. | Section 15100 | 12/14/2001 |
| 028 | | Kulbach's | 12/14/01 | | | Louvers model no. 455XP | | 12/21/2001 |
| 029 | | Tyree | 12/17/01 | | | Watts 909 backflowflow (RESUBMITTAL) | Section 15100 | |
| 030 | | Tyree | 12/20/01 | | | updated progress schedule | Section 01310 | Not Subm. |

SUBMITTAL SCHEDULE
MR. C'S DRY CLEANERS
CONTRAC[illegible]. D004180
JOB 301

| Submittal No. | Revision No. | SUBCONTRATOR/SUPPLY | Sent to Engineer | Returned from Engineer | to Sub/Super | ITEM DESCRIPTION | Section No. | Approval Date |
|---|---|---|---|---|---|---|---|---|
| 031 | | Nothnagle | 12/31/01 | | | grain size analysis of well PW-7 | | 1/3/2002 |
| 032 | | Riefler Concrete | 01/08/02 | | | pre-cast for electric box base | Draw E3(pump well connect/detail sec0002 | 2/14/2002 |
| 033 | | Tyree | 01/09/02 | | | Revised bid breakdown/schedule of values | Section: 01026 | 1/22/2002 |
| 034 | | CEI | 01/11/02 | | | CEI asbestos abatement package | Section 02080-4 | |
| 035 | | Tyree | 1/11/2002 | | | Discharge data | Attachment E- Addendum #1 | 2/11/2002 |
| 036 | | NES/NEEP | 1/23/2002 | | | Shallow tray stripper and components | Section 11550 | 1/31/2002 |
| 037 | | Tyree | 1/31/2002 | | | Well logs | Section 02660 | |
| 038 | | Tyree | 2/4/2002 | | | updated progress schedule | Section 01310 | 2/28/2002 |
| 039 | | Tyree | 2/4/2002 | | | Pump Test Data, Records | Section 02660 3.6.E | |
| 040 | | NES/KPSI | 2/5/2002 | | | Level control transducers | 13329 2.3 | 2/11/2002 |
| 041 | | NES/Krohne | 2/5/2002 | | | flowmeter | 13329 | 2/14/2002 |
| 042 | | NES/RACO | 2/5/2002 | | | telemonitor | | 2/11/2002 |
| 043 | | NES | 2/5/2002 | | | control panel | | 2/14/2002 |
| 044 | | NES/Filtration Limited | 2/5/2002 | | | Bag filter | | 2/14/2002 |
| 045 | | JESCO | 2/5/2002 | | | Metering Pumps | | 2/13/2002 |
| 046 | | NES/Tigg | 2/5/2002 | | | Carbon filters | | 2/12/2002 |
| 047 | | sequestering agent | 2/5/2002 | | | | | 2/14/2002 |
| 048 | | Hayward | 2/28/2002 | | | Butterfly Valve | 15100-3 2.1D | 3/11/2002 |
| 049 | | Hayward | 2/28/2002 | | | Check Valve | 15100-3 2.1B | |
| 050 | | Hayward | 2/28/2002 | | | Ball Valve | 15100-4 2.1E | 3/11/2002 |
| 051 | | Crane | 2/28/2002 | | | Globe Valve | 15100-3 2.1C | 3/11/2002 |
| 052 | | American Valve | 2/28/2002 | | | Hose Bibbs | 15100-5 2.1J | 3/11/2002 |
| 053 | | | 2/28/2002 | | | Back pressure valve | 15100-5 2.1H | Not Appr. |
| 054 | | Hayward | 2/28/2002 | | | Sample Port | G4-7 | 3/11/2002 |
| 055 | | Metering Technology | 2/28/2002 | | | Pulsation Dampener | 11514-4 2.1E | Not Appr. |
| 056 | | NES | 2/28/2002 | | | Submersible Pump RW-1 Resubmittal | 11312-1 1.3A | 3/11/2002 |
| 057 | | Ayer Sales (M&T Plastics) | 3/1/2002 | | | Vacuum Breakers | 15100-5 2.1I | 3/11/2002 |
| 058 | | Pemco | 2/28/2002 | | | Manholes | 02606-2 2.1 | Not Appr. |
| 059 | | Lab Safety | 3/1/2002 | | | Secondary Spill Containment | G5 of 7 | 4/9/2002 |
| 060 | | Grainger | 3/1/2002 | | | Common Steel Table | 11514-3 2.1A4 | 3/11/2002 |
| 061 | | Lab Safety | 3/1/2002 | | | Wall Mount Eye Wash | G6 of 7 | 3/11/2002 |
| 062 | | Loren Cook | 3/1/2002 | | | Roof mounted exhaust ventilator | G5 of 7 | 3/11/2002 |
| 063 | | Caloritech | 3/1/2002 | | | Forced Air Heater | G5 of 7 | 3/12/2002 |
| 064 | | Omega | 3/1/2002 | | | Diaphragm Pressure Gauge | 15100-4 2.1G | 3/11/2002 |
| 065 | | JESCO | 3/12/2002 | | | Back Pressure Valve(resubmittal) | 15100-5 2.1H | 3/27/2002 |
| 066 | | JESCO | 3/13/2002 | | | Pulsation Dampener(resubmittal) | 11514 | 3/27/2002 |
| 067 | | Pemco | 3/12/2002 | | | wellcover flush mount casing | | 3/27/2002 |
| 068 | | NES | 3/12/2002 | | | air stripper control panel layout | G5 of 7 | 3/27/2002 |
| 069 | | NES | 3/12/2002 | | | air stripper skid layout | G5 of 7 | 4/17/2002 |

SUBMIT[illegible]CHEDULE
MR. C'S [illegible]LEANERS
CONTRAC D004180
JOB. 301

| Submittal No. | Revision No. | SUBCONTRATOR/SUPPLY | Sent to Engineer | Returned from Engineer | to Sub/Super | ITEM DESCRIPTION | Section No. | Approval Date |
|---|---|---|---|---|---|---|---|---|
| 070 | | NES | 3/12/2002 | | | submittal of as noted from #43 control panel electrical items | | 2/14/2002 |
| 071 | | | | | | Press Seal Gasket Lubricant | 15100 | 3/22/2002 |
| 72 | | | | | | Bostic Sealant | 15100 | 3/22/2002 |
| 73 | | Tyree | 3/29/2002 | | | Updated Project Schedule | 1330 | 6/7/2002 |
| 074 | | Tyree | 3/29/2002 | | | treatment system layout | 01300 | 4/17/2002 |
| 75 | | Tigg/NES | 4/1/2002 | | | GAC inspection reports | 11551 | 4/17/2002 |
| 76 | | Filtration Unlimited | 4/9/2002 | | | bag filter inspection reports | 11552 1.2.B | 4/22/2002 |
| 77 | | Campbell | 19-Apr | | | sanitary seals | G6 | 4/29/2002 |
| 78 | | IPS | 19-Apr | | | PVC Solvent Cement | | 4/29/2002 |
| 79 | | Dwyer | 19-Apr | | | flow sensor, differential pressure gauge | | 4/29/2002 |
| 80 | | Asahi | 19-Apr | | | check valve resubmittal | | 4/29/2002 |
| 81 | | SEM | 29-Apr | | | Portable GC operator | | 4/29/2002 |
| 82 | | Belding Tank | 29-Apr | | | Tank test inspection reports | | 5/2/2002 |
| 83 | 1 | Little Giant/ Lab Safety Suppl | 2-May | | | Secondary Containment | G5 of 7 | 5/10/2002 |
| 84 | | NES | 2-May | | | Air Stripper Test results | | |
| 85 | | NES | 3-May | | | Control Panel tests | | |
| 86 | | Tyree | 7-May | | | Pedestrian Access plan | | |
| 87 | | Tyree | 7-May | | | Grass seed | | 4/29/2002 |
| 88 | | Tyree | 8-May | | | O&M outline | 1730 | |
| 89 | | | | | | expansion joint material | | |
| 90 | | | | | | concrete | | |
| 91 | | D&H | | | | asphalt | | |
| 92 | | D&H | | | | asphalt | | |
| 93 | | | 21-May | | | grass seed | | |
| 94 | | | | | | Air Guide 1 | | |
| 95 | | Tyree | 6/3/2002 | | | treatment system layout revised | | |
| 96 | | tyree | 3-Jun | | | monitoring well logs | | |
| 97 | | Tyree | 11/12/2002 | | | Piping system ID | 09900 | 11/22/2002 |
| 97A | | Tyree | 11/27/2002 | | | resubmittal piping system ID | 09900 | 12/20/2002 |
| 98 | | Tyree | 11/12/2002 | | | Red Line Prints | 01300 | Not Appr. |
| 99 | | Tyree/ Mr. Oko | 12/10/2002 | | | Prediction of carbon bed adsorption capacity | 11551 | |
| 100 | | Tyree | 12/12/2002 | | | Monthly Report (November) | 01650 | |
| 101 | | Tyree/ Mr Oko | 12/12/2002 | | | Addendum report for GAC adsorption capacity | 11551 | |
| 102 | | Lab Safety | 12/13/2002 | | | Equipment Tags | 09900 | 12/18/2002 |
| 103 | | Lab Safety | 12/13/2002 | | | Well Identification Tags | 02660 | 12/18/2002 |
| 104 | | Tyree | 12/17/2002 | | | Tyree holding tank guarantee | 11175 | |
| 105 | | Tyree | 12/17/2002 | | | Tyree end suction pump submersible guarantee and manufacturer warranty | 11312 | |
| 106 | | Tyree | 12/17/2002 | | | Tyree metering pump guarantee | 11514 | |
| 107 | | Tyree | 12/17/2002 | | | Tyree air stripper guarantee | 11550 | |

SUBMITTAL SCHEDULE
MR. C'S DRY CLEANERS
CONTRAC" ". D004180
JOB 301

| Submittal No. | Revision No. | SUBCONTRATOR/SUPPLY | Sent to Engineer | Returned from Engineer | to Sub/Super | ITEM DESCRIPTION | Section No. | Approval Date |
|---|---|---|---|---|---|---|---|---|
| 108 | | Tyree | 12/17/2002 | | | Tyree GAC guarantee | 11551 | |
| 109 | | Tyree | 12/17/2002 | | | Tyree bag filter guarantee & manufacturer warranty | 11552 | |
| 110 | | Tyree | 12/17/2002 | | | Manufacturer warranties | | |
| 111 | | Dweyer | 1/2/2003 | | | Dweyer pressure gauges | PCO | |
| 112 | | Tyree | 1/13/2003 | | | Dec Monthly Report | | |
| 113 | | Tyree | 1/15/2003 | | | Resubmittal of Red Line Prints/ Record Drawings. | 01300 | |
| 114 | | Grainger | 120/03 | | | Portable Electric Salamander | PCO | |
| 115 | | Tyree | 1/31/2003 | | | O&M manual inserts | | |
| 116 | | Tyree | 2/5/2003 | | | Jan. O&M Report | | |
| 117 | | Tyree | 3/5/2003 | | | Feb. O&M Report | | |
| 118 | | Tyree | 4/15/2003 | | | March O&M Report | | |
| 119 | | Tyree | 5/12/2003 | | | April O&M Report | | |
| 120 | | Tyree/ Mr. Oko | 5/28/2003 | | | Prediction of carbon bed adsorption capacity | 11551 | |
| 121 | | Tyree | 6/9/2003 | | | Instruction of O&M Personnel | 01731 | |
| 122 | | Tyree | 6/10/2003 | | | May O&M Report | | |
| 123 | | Tyree | 7/17/2003 | | | June O&M Report | | |
| 124 | | NET | 7/24/2003 | | | Credentials of O&M Instructor | 01731-2 1.3 A2 | |
| 125 | | Tyree | 8/5/2003 | | | July O&M Report | | |
| 126 | | Tyree | 10/7/2003 | | | Sampling Log Book | Incomplete work list part B, #1 | |
| 127 | | Tyree | 10/7/2003 | | | Project Spare Parts | Incomplete work list part B, #9 | |
| 128 | | Tyree | 10/7/2003 | | | Waste profile Whaley Ave manhole | Incomplete work list part B, #13 | |
| 129 | | Tyree | 10/9/2003 | | | O&M manual | Incomplete work list part B, #8 | |
| 130 | | Tyree | 10/9/2003 | | | Electronic copy of survey maps | Incomplete work list part A, #28 | |
| 131 | | | 10/9/2003 | | | As builts, cadd | Incomplete work list part A, #56 | |
| 132 | | Tyree | 11/5/2003 | | | Aug. O&M Report | | |
| 133 | | Tyree | 11/6/2003 | | | Final Status Report | 01300-9 3.12 | |
| 134 | | Tyree | 11/11/2003 | | | Mitkem on site and off site well lab results | | |
| 135 | | Tyree | 11/21/2003 | | | Gasket Tape for Manhole covers | | |
| 136 | | Tyree | 12/2/2003 | | | Flat Gasket Material | | |
| 137 | | Tyree | 12/3/2003 | | | manhole covers with self sealing gaskets | | |
| | | | | | | | | |

# F

# Treatment Building Permit

# Village of East Aurora

## EAST AURORA, NEW YORK

# PERMIT

Number 1001-06

Permission is hereby granted to: PHILIP HOLLOWAY, THE TYREE ORGANIZATION (CONTRACTOR)
JACK CRAWFORD (OWNER)

586 MAIN STREET, EAST AURORA, NY 14052
(Name & Address)

To: MAKE ALTERATIONS TO BUILDING & INSTALL GROUNDWATER TREATMENT FACILITY INCLUDING OUTLET PIPE IN WHALEY AVE. TO TANNERY BROOK
(Purpose of Permit)

At premises located at 586 MAIN STREET

To conduct work on premises in accordance with approved application.

This permit void unless displayed conspicuously, in public view on premises, on which work is being conducted.

Permit Expires OCTOBER 19, 19~~XX~~ 2002

Dated OCTOBER 19, 2001

Building Inspector,
Village of East Aurora

(May Be Detached)

## NOTE:

Permitee is required to request from the Building Department the following Inspections: (as may be applicable) Re: Village Code Chapter #43.

Site, before excavation, lot lines and building location shall be clearly marked.

Foundation, before being backfilled.

Sewer and Water taps.

Framing, including rough plumbing, heating, ventilating. (Electrical by New York Board of Fire Underwriters.)

Insulation (Foundation to attic, before being concealed)

Completion of inspection, prior to occupancy.

VILLAGE OF EAST AURORA BUILDING DEPT. 652-6580 or 652-6000
Village Hall / 571 Main St. / East Aurora, NY 14052

# G Pre/Post Construction Analytical Results

# MITKEM CORPORATION

*"Environmental Testing For The New Millennium"*

**175 Metro Center Boulevard**
**Warwick, Rhode Island 02886-1755**
**Phone: (401)-732-3400 Fax: (401)-732-3499**
**Email: bdodge@mitkem.com**

# FACSIMILE COVER SHEET

**TO:** Phil Holloway **FROM:** Benjamin F. Dodge, Account Executive

**COMPANY:** Tyree **DATE:** 10-22-01

**FAX NUMBER:** 58-786-9723 **NUMBER OF PAGES:** 3
*(Including cover sheet)*

**REFERENCE:** Data.

**COMMENTS:** Please call w/ any questions.

Thanks!

Ben

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DECON PAD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82158

Matrix: (soil/water) SOIL Lab Sample ID: 82158001

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V6B7565

Level: (low/med) LOW Date Received: 10/18/01

% Moisture: not dec. 9 Date Analyzed: 10/19/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-09-2 | Methylene Chloride | 2 | JB |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 540-59-0 | 1,2-Dichloroethene (Total) | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 110 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 1330-20-7 | Xylene (Total) | 10 | U |

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DECON PAD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82158

Matrix: (soil/water) SOIL Lab Sample ID: 82158001

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V6B7565

Level: (low/med) LOW Date Received: 10/18/01

% Moisture: not dec. 9 Date Analyzed: 10/19/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-09-2 | Methylene Chloride | 2 | JB |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 540-59-0 | 1,2-Dichloroethene (Total) | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 110 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 1330-20-7 | Xylene (Total) | 10 | U |

FORM I VOA

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email. mitkem@mitkem.com

028

RECEIVED
BY 5/23/02
DATE

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | | |
|---|---|---|---|---|---|---|
| COMPANY | Tyree Org. | PHONE 518-786-3200 | COMPANY | SAME | PHONE | LAB PROJECT # A0797 |
| NAME | Phil Holloway | FAX 518-786-7351 | NAME | | FAX | |
| ADDRESS | 4 Northway Lane | | ADDRESS | | | TURNAROUND TIME 48 Hr. |
| CITY/ST/ZIP | Latham, NY 12110 | | CITY/ST/ZIP | | | |

| CLIENT PROJECT NAME | CLIENT PROJECT # | CLIENT P.O.# |
|---|---|---|
| Mr. C's | 017301 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | TCL VOC ASP 95-1 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Post Dacon PMD | 5/20/02 1300 | ✓ | | | ✓ | | 01 | 2 | ✓ | CAT. B Deliverables |
| | / | | | | | | | | | |
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REQUESTED ANALYSES

| USE# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | | 5/20 / 1330 | | / |
| 2 | | / | | / |
| 3 | | / | | 5-21-02 1000 |

ADDITIONAL REMARKS: Fax Results to Phil Holloway

COOLER TEMP: 5°C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

FAX 5-21-02

G-7

May-23-02 11:52A Tyree Estimating P.05

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POSTDECONPAD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A0797

Matrix: (soil/water) SOIL Lab Sample ID: A0797-01A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1E6783

Level: (low/med) LOW Date Received: 05/21/02

% Moisture: not dec. 15 Date Analyzed: 05/21/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-88-3 | Toluene | 2 | J |
| 10061-02-6 | trans-1,3-Dichloropropene | 12 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 12 | U |
| 127-18-4 | Tetrachloroethene | 17 | |
| 591-78-6 | 2-Hexanone | 12 | U |
| 124-48-1 | Dibromochloromethane | 12 | U |
| 108-90-7 | Chlorobenzene | 12 | U |
| 100-41-4 | Ethylbenzene | 12 | U |
| 1330-20-7 | Xylene (Total) | 12 | U |
| 100-42-5 | Styrene | 12 | U |
| 75-25-2 | Bromoform | 12 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 12 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POSTDECONPAD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A0797

Matrix: (soil/water) SOIL Lab Sample ID: A0797-01A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1E6783

Level: (low/med) LOW Date Received: 05/21/02

% Moisture: not dec. 15 Date Analyzed: 05/21/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 12 | U |
| 75-01-4 | Vinyl Chloride | 12 | U |
| 74-83-9 | Bromomethane | 12 | U |
| 75-00-3 | Chloroethane | 12 | U |
| 75-69-4 | Trichlorofluoromethane | 12 | U |
| 75-35-4 | 1,1-Dichloroethene | 12 | U |
| 67-64-1 | Acetone | 12 | U |
| 75-15-0 | Carbon Disulfide | 12 | U |
| 75-09-2 | Methylene Chloride | 12 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 12 | U |
| 75-34-3 | 1,1-Dichloroethane | 12 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 12 | U |
| 78-93-3 | 2-Butanone | 12 | U |
| 67-66-3 | Chloroform | 12 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 12 | U |
| 56-23-5 | Carbon Tetrachloride | 12 | U |
| 71-43-2 | Benzene | 12 | U |
| 107-06-2 | 1,2-Dichloroethane | 12 | U |
| 79-01-6 | Trichloroethene | 12 | U |
| 78-87-5 | 1,2-Dichloropropane | 12 | U |
| 75-27-4 | Bromodichloromethane | 12 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 12 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 12 | U |

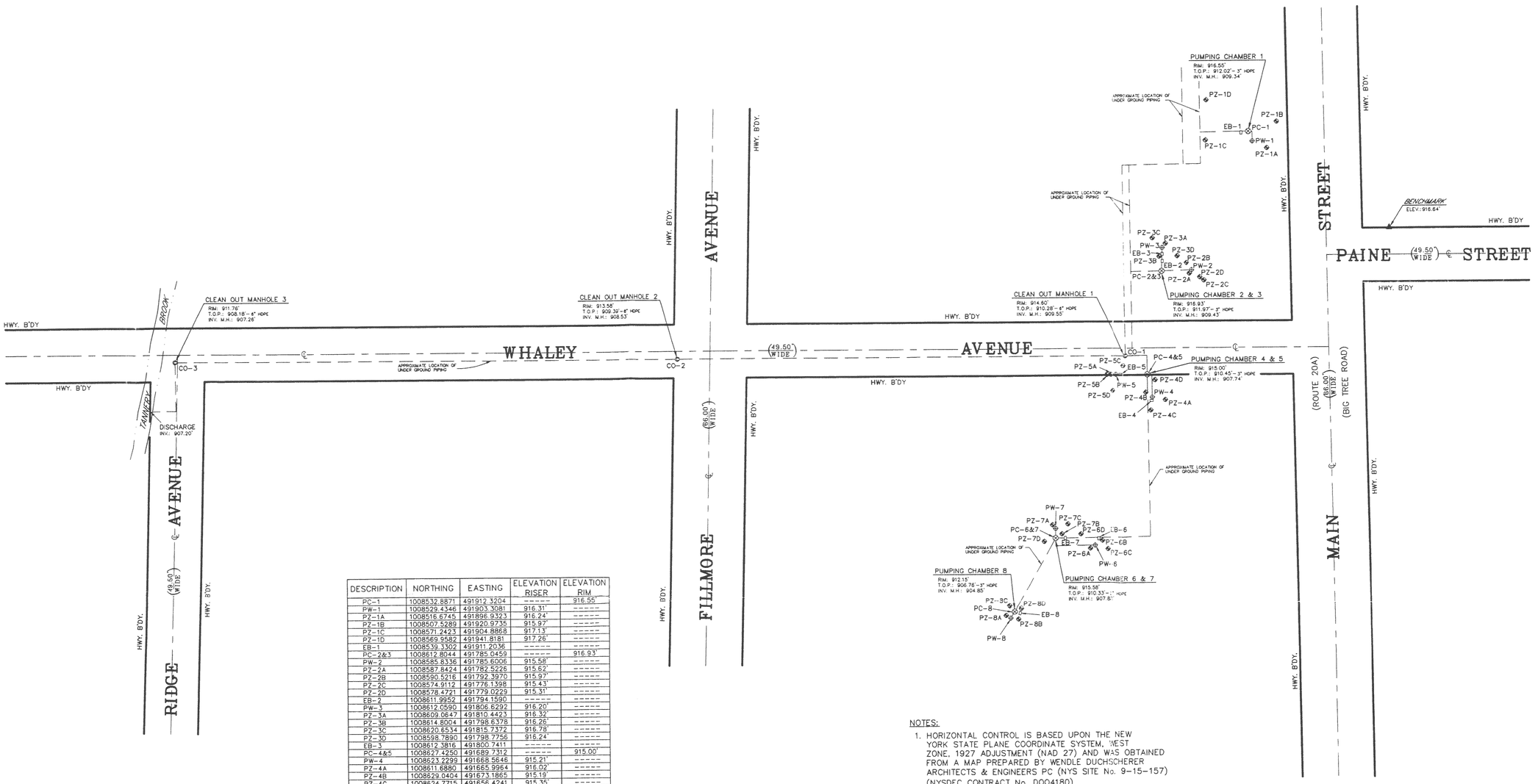
# H Groundwater Wells on Piezometer Survey Record Drawings

## H. Groundwater Wells on Piezometer Survey Record Drawings

**Please see enclosed CD**

## LEGEND

- PZ-# = PIEZOMETER WELL NUMBER
- PW-# = PUMPING WELL NUMBER
- EB-# = ELECTRIC BOX NUMBER
- CO-# = CLEAN OUT MANHOLE NUMBER
- PC-# = PUMPING CHAMBER NUMBER
- HWY. B'DY. = HIGHWAY BOUNDARY
- ℄ = CENTER LINE
- T.O.P. = TOP OF PIPE




| DESCRIPTION | NORTHING | EASTING | ELEVATION RISER | ELEVATION RIM |
|---|---|---|---|---|
| PC-1 | 1008532.8871 | 491912.3204 | ------ | 916.55' |
| PW-1 | 1008529.4346 | 491903.3081 | 916.31' | ------ |
| PZ-1A | 1008516.6745 | 491896.9323 | 916.24' | ------ |
| PZ-1B | 1008507.5289 | 491920.9735 | 915.97' | ------ |
| PZ-1C | 1008571.2423 | 491904.8868 | 917.13' | ------ |
| PZ-1D | 1008569.9582 | 491941.8181 | 917.26' | ------ |
| EB-1 | 1008539.3302 | 491911.2036 | ------ | ------ |
| PC-2&3 | 1008612.8044 | 491785.0459 | ------ | 916.93' |
| PW-2 | 1008585.8336 | 491785.6006 | 915.58' | ------ |
| PZ-2A | 1008587.8424 | 491782.5226 | 915.62' | ------ |
| PZ-2B | 1008590.5216 | 491792.3970 | 915.97' | ------ |
| PZ-2C | 1008574.5112 | 491776.1398 | 915.43' | ------ |
| PZ-2D | 1008578.4721 | 491779.0223 | 915.31' | ------ |
| EB-2 | 1008611.9952 | 491794.1590 | ------ | ------ |
| PW-3 | 1008612.0590 | 491806.6292 | 916.20' | ------ |
| PZ-3A | 1008609.0647 | 491810.4423 | 916.32' | ------ |
| PZ-3B | 1008614.8004 | 491798.6378 | 916.26' | ------ |
| PZ-3C | 1008620.6534 | 491815.7372 | 916.78' | ------ |
| PZ-3D | 1008598.7890 | 491798.7756 | 916.24' | ------ |
| EB-3 | 1008612.3816 | 491800.7411 | ------ | ------ |
| PC-4&5 | 1008627.4250 | 491689.7312 | ------ | 915.00' |
| PW-4 | 1008623.2299 | 491668.5648 | 915.21' | ------ |
| PZ-4A | 1008611.6880 | 491665.9964 | 916.02' | ------ |
| PZ-4B | 1008629.0404 | 491673.1865 | 915.19' | ------ |
| PZ-4C | 1008624.7715 | 491656.4241 | 915.35' | ------ |
| PZ-4D | 1008620.4951 | 491684.6223 | 914.87' | ------ |
| EB-4 | 1008623.8595 | 491656.5907 | ------ | ------ |
| PW-5 | 1008656.6890 | 491690.3194 | 914.77' | ------ |
| PZ-5A | 1008661.6645 | 491690.2684 | 915.16' | ------ |
| PZ-5B | 1008665.4011 | 491690.2789 | 915.21' | ------ |
| PZ-5C | 1008649.5103 | 491698.2494 | 914.86' | ------ |
| PZ-5D | 1008660.0186 | 491675.2460 | 915.57' | ------ |
| EB-5 | 1008652.2766 | 491690.2428 | ------ | ------ |
| PC-6&7 | 1008715.4417 | 491538.6253 | ------ | 915.58' |
| PW-6 | 1008679.0693 | 491531.5587 | 915.42' | ------ |
| PZ-6A | 1008683.5622 | 491528.7712 | 915.56' | ------ |
| PZ-6B | 1008672.4090 | 491535.9272 | 915.48' | ------ |
| PZ-6C | 1008667.3540 | 491528.0635 | 915.71' | ------ |
| PZ-6D | 1008692.0739 | 491542.2921 | 915.61' | ------ |
| EB-6 | 1008675.6457 | 491537.7497 | ------ | ------ |
| PW-7 | 1008715.2944 | 491547.6249 | 914.90' | ------ |
| PZ-7A | 1008718.1541 | 491551.1089 | 915.00' | ------ |
| PZ-7B | 1008709.5889 | 491542.5540 | 915.34' | ------ |
| PZ-7C | 1008703.9827 | 491551.6900 | 915.23' | ------ |
| PZ-7D | 1008725.9886 | 491535.8121 | 914.95' | ------ |
| EB-7 | 1008706.4169 | 491538.6793 | ------ | ------ |
| PC-8 | 1008754.1277 | 491471.0784 | ------ | 912.15' |
| PW-8 | 1008757.7662 | 491465.0769 | 911.35 | ------ |
| PZ-8A | 1008761.9624 | 491467.6774 | 912.09' | ------ |
| PZ-8B | 1008750.7542 | 491464.1354 | 912.03' | ------ |
| PZ-8C | 1008758.6440 | 491476.7127 | 911.70' | ------ |
| PZ-8D | 1008748.1252 | 491474.0822 | 911.95' | ------ |
| EB-8 | 1008749.1364 | 491469.6809 | ------ | ------ |
| CO-1 | 1008647.0714 | 491707.3320 | ------ | 914.60' |
| CO-2 | 1009056.3128 | 491711.7026 | ------ | 913.58' |
| CO-3 | 1009515.8204 | 491717.3186 | ------ | 911.76' |
| DISCHARGE | 1009539.4289 | 491671.9719 | ------ | ------ |

NOTES:

1. HORIZONTAL CONTROL IS BASED UPON THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1927 ADJUSTMENT (NAD 27) AND WAS OBTAINED FROM A MAP PREPARED BY WENDLE DUCHSCHERER ARCHITECTS & ENGINEERS PC (NYS SITE No. 9-15-157) (NYSDEC CONTRACT No. D004180)
2. ELEVATIONS ARE BASED UPON NORTH GEODETIC VERTICAL DATUM, 1929 (NGVD 1929)
3. BENCHMARK IS LOCATED NEAR THE NORTH EAST CORNER OF MAIN STREET AND PAINE STREET, BEING A BRASS DISC SET IN THE TOP OF CONCRETE BASE - ELEVATION 916.64'
4. THE PIPE SIZES SHOWN ON THIS DRAWING WERE OBTAINED BY FIELD MEASURMENTS AND MAY VARY FROM THE ACTUAL SIZE OF PIPES IN PLACE DUE TO THE MANHOLES AND PUMPING CHAMBERS BEING FILLED WITH WATER

# MR. C'S DRY CLEANERS REMEDIAL PROJECT

586 MAIN STREET
EAST AURORA, NEW YORK

VILLAGE OF EAST AURORA
PART OF LOT 24, T. 9, R 6, TOWN OF AURORA; COUNTY OF ERIE; STATE OF NEW YORK

## AS-BUILT LOCATIONS OF CLEAN OUT MANHOLES, PUMPING CHAMBERS, PUMPING WELLS, PIEZOMETERS, ELECTRIC BOXES AND DISCHARGE

REVISED DECEMBER 19, 2003 - CORRECTED STREET LOCATIONS OF FILLMORE & RIDGE

NOTES :

* THIS MAP IS VOID UNLESS EMBOSSED WITH NYS LICENSED LAND SURVEYOR LIC. NO. 49622

UNAUTHORIZED ALTERATION OR ADDITION TO ANY SURVEY, DRAWING, DESIGN, SPECIFICATION, PLAN OR REPORT IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW

James L. Shisler
JAMES L. SHISLER, PLS
LIC No. 49622

RESURVEY

| DATE | JOB | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

JAMES L. SHISLER, L.S., P.C.
PROFESSIONAL LAND SURVEYOR
P.O. BOX 516
EAST AURORA, NEW YORK 14052-0516
(716) 655-1058

DRAWN BY: PGP
CHECKED BY: JLS
JOB NO.: 01685
SCALE: 1"= 50'
DATE: 7/08/02
SHEET: E- 1611

# Project Monitoring Well Drilling Logs

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PZ-1A

CLIENT: NYS DEC
PROJECT: Mr. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 11/5/01-11/5/01
LOGGED BY: D. Perriccio
DRILLER: Nothnagle Drillers
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | 11,5,3,1 | 0.0 | 70% | | Asphalt/ m Gravel, f Sand and Silt |
| 2 | 7,6,5,1 | 0.0 | 20% | | vf-f sand and silt, trace of clay, dry |
| 4 | 2,3,3,2 | 0.0 | 50% | | vf sand brown and silt brown trace of clay gray, trace of gravel, dry |
| 6 | 3,3,3,4 | 0.0 | 60% | | vf sand brown and silt brown, trace f gravel gray, moist |
| 8 | 2,8,9,9 | 0.0 | 30% | | f-m sand brown, some silt brown trace f gravel gray moist |
| 10 | 3,7,4,4 | 0.0 | 100% | | f-m sand brown, trace silt brown trace fine gravel moist |
| 12 | 5,3,3,4 | 0.0 | 100% | | f-m sand brown, trace silt brown, wet |
| 14 | 3,3,8,8 | 0.0 | 100% | | f-m sand brown, trace silt brown, wet |
| 16 | 3,3,4,5 | 0.0 | 70% | | f-m sand brown, wet |
| 18 | 1,2,5,9 | 0.0 | 80% | | f-m sand brown, trace silt brown, wet |
| 20 | 3,5,2,6 | 0.0 | 60% | | f-m sand brown, wet |
| 22 | 6,7,12,15 | 0.0 | 50% | | f-m sand brown some medium gravel trace silt brown wet |
| 24 | 6,12,12,13 | 0.0 | 70% | | f-m sand brown and f-m gravel trace silt gray wet |
| 26 | 5,12,15,13 | 0.0 | 70% | | f-m sand brown, some f-m gravel, wet |
| 28 | 6,7,11,15 | 0.0 | 40% | | f-m sand brown, trace f-m gravel, wet |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**
Source: Sand
Composition:
Volume Used: 4 Bags
Interval: 30'-17'

**GROUT / SEAL**
Type: Bentonite/Grout
Volume Used: Bucket/ 4 Bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

**LEGEND**

Grout
Bentonite
Sand

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

**BORING NAME PZ-1B**

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-1B
Date Completed: 11/5/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

**LEGEND**

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table

f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-1C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-1C
Date Completed: 11/5/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout

Bentonite

Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table

f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-1D

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-1D
Date Completed: 11/6/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

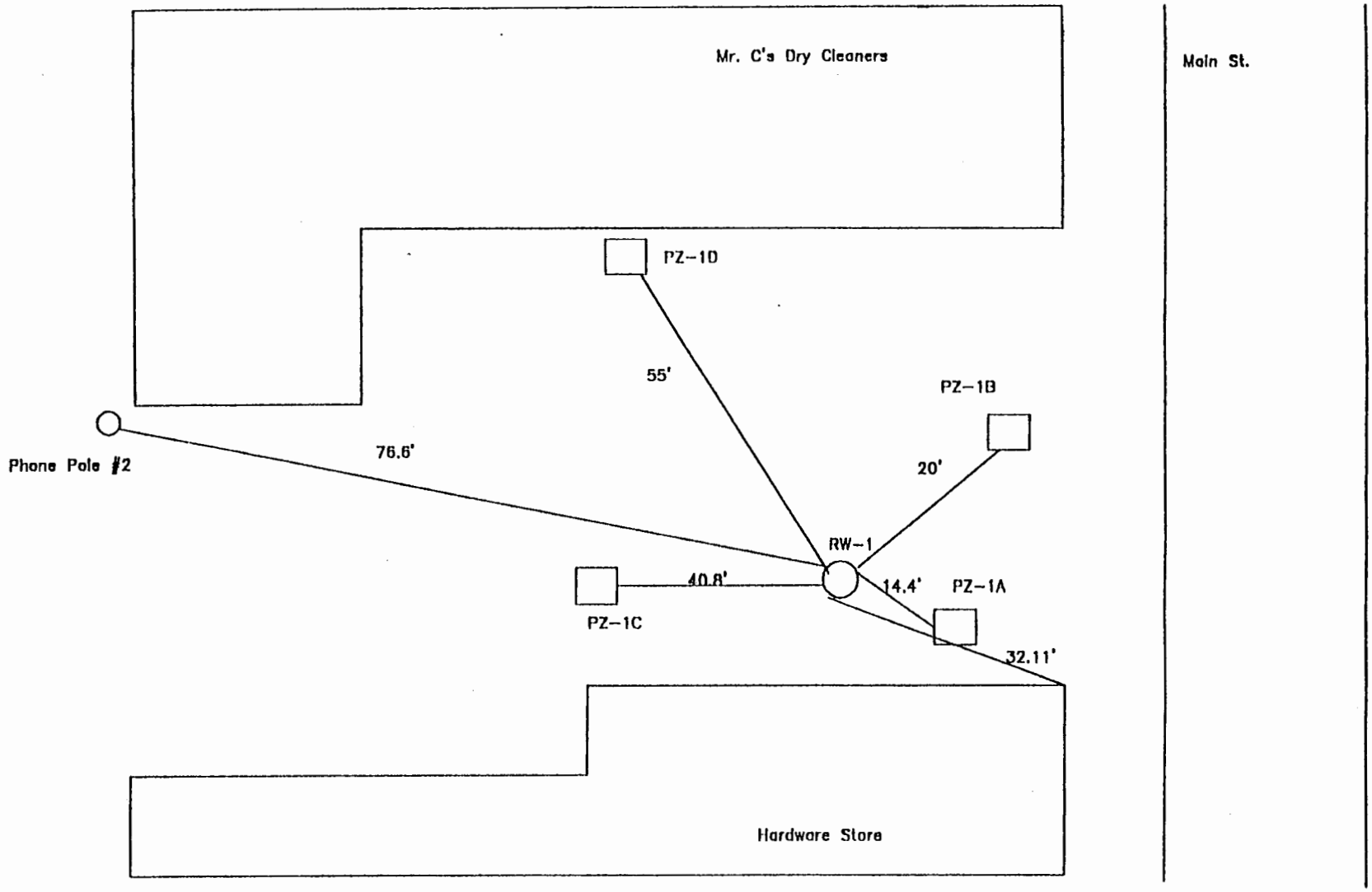
### LEGEND

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table

f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

RW-1 Well Clusters




N


Tyree Organization, Ltd.

Phone: (518) 786-3200 — 4 Northway Lane, LATHAM, NY 12110 — Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Builts | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | 11-28-01<br>SCALE: NTS<br>CLIENT: DEC<br>PLATE: RW-1 |

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PW-2

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PW-2
DATE COMPLETED: 11/6/01
SUPERVISED BY: D. PERRUCCIO

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | Sump | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

### WELL DATA

Riser
Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen
Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

### GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PZ-2A

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 11/2/01-11/2/01
LOGGED BY: D. Perruccio
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | 10,10,4,5 | 0.2 | 60% | | vf-f sand brown/ some silt brown, trace clay, trace f-m gravel brown/ dry |
| 2 | 4,4,7,8 | 0.0 | 50% | | vf-f sand brown/ some silt brown/ some clay brown/ moist |
| 4 | 4,5,8,9 | 0.0 | 50% | | f-m sand brown/ some clay brown/ some f-m gravel brown/ moist |
| 6 | 4,3,5,5 | 0.0 | 50% | | f sand brown/ and silt brown/ trace clay brown/ moist |
| 8 | 4,2,3,4 | 0.0 | 60% | | vf-f sand brown and silt brown/ some clay brown/ moist |
| 10 | 4,8,11,13 | 0.0 | 50% | | f-m sand brown/ some silt brown/ trace clay brown/ trace gravel gray/ moist |
| 12 | 2,3,4,4 | 0.0 | 70% | | f-m sand brown, wet |
| 14 | 1,3,4,6 | 0.0 | 90% | | f-m sand brown, wet |
| 16 | 3,5,7,7 | 0.0 | 80% | | f-m sand brown, wet |
| 18 | 1,1,3,6 | 0.0 | 80% | | f-m sand brown, wet |
| 20 | 1,2,4,5 | 0.0 | 80% | | f-m sand brown, wet |
| 22 | 5,5,7,8 | 0.0 | 70% | | f-m sand brown/ trace silt brown, wet |
| 24 | 1,2,5,7 | 0.0 | 85% | | f-m sand brown, wet |
| 26 | 1,2,3,8 | 0.0 | 60% | | f-m sand brown/ trace silt brown, wet |
| 28 | 2,3,4,5 | 0.0 | 100% | | f-m sand brown, wet |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**
Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**
Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**
Type: Bent/ Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan
Key:
Grout
Bentonite
Sand

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-2B

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-2B
Date Completed: 11/1/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

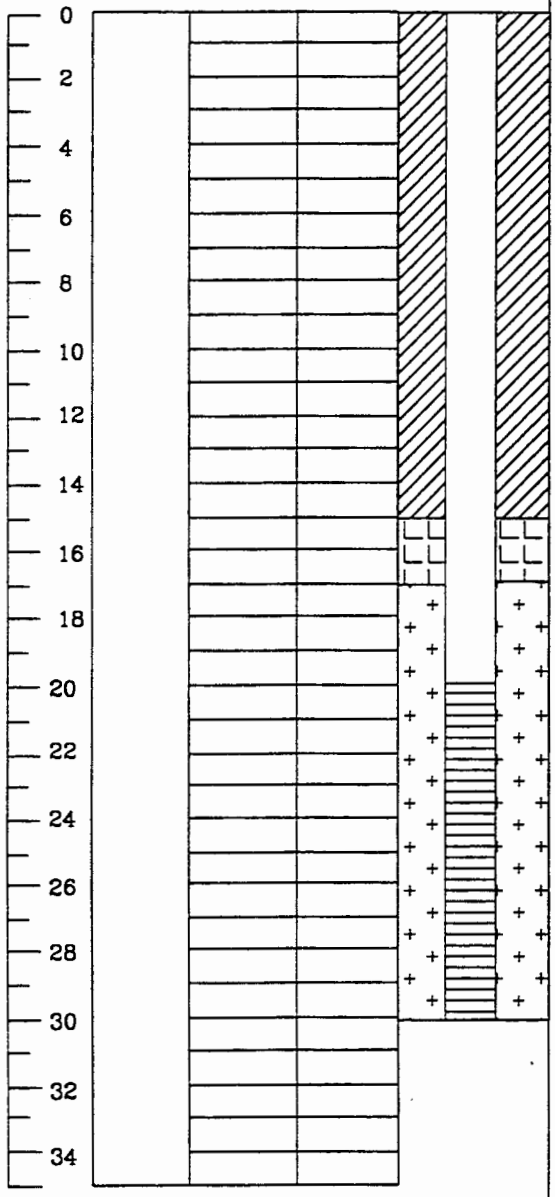
# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-2C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-1C
Date Completed: 11/2/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 – 34 | | | | | N/A |



Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

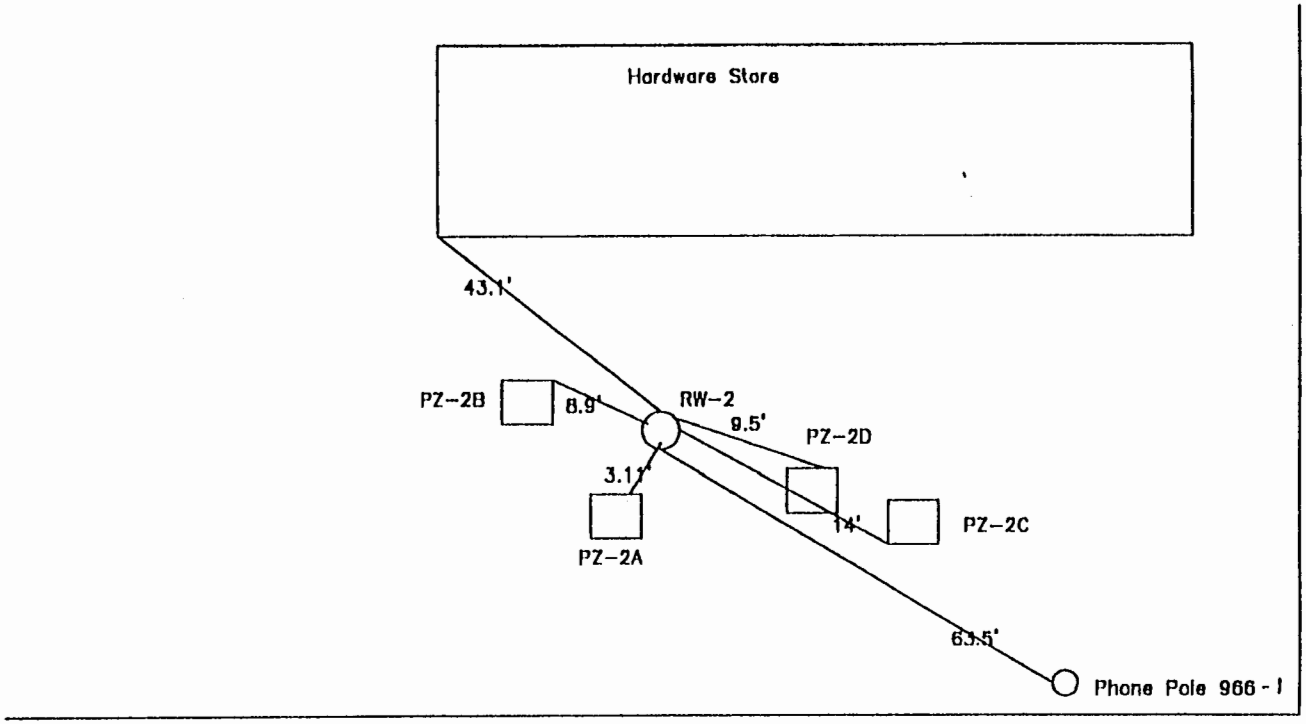
**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

PW-2 Well Cluster




Whaley Ave.

N


Tyrce Organization, Ltd.

Phone: (518) 786-3200 4 Northway Lane LATHAM, NY 12110 Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Builts | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | 11-28-01<br>SCALE: NTS<br>CLIENT: DEC<br>PLATE: PW-2 |

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PW-3

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PW-3
DATE COMPLETED: 11/7/01
SUPERVISED BY: D. PERRUCCIO

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | Sump | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

### WELL DATA

Riser
Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen
Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

### GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

## BORING NAME PZ-3A

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 11/1/01-11/1/01
LOGGED BY: D. Perruccio
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | 5,2,2,2 | 0.0 | 60% | | vf-f sand brown/ some silt brown, trace clay brown/ dry |
| 2 | 2,6,7,7 | 0.0 | 70% | | vf sand and silt brown/ some clay brown/ moist |
| 4 | 3,6,6,3 | 0.0 | 40% | | f-m sand brown/ some silt brown/ trace clay brown/ moist |
| 6 | 2,2,1,1 | 0.0 | 20% | | f-m sand brown/ some silt brown/ moist |
| 8 | 2,3,3,3 | 0.0 | 10% | | f-m sand brown/ little silt brown/ trace m gravel/ moist |
| 10 | 4,6,8,5 | 0.0 | 50% | | f-c sand brown/ trace silt brown/ moist |
| 12 | 4,5,4,5 | 0.0 | 70% | | m-c sand brown, trace silt brown wet |
| 14 | 3,3,5,5 | 0.0 | 70% | | m-c sand brown, wet |
| 16 | 1,5,8,3 | 0.0 | 60% | | m-c sand brown, wet |
| 18 | 1,2,5,10 | 0.0 | 60% | | m-c sand brown, wet |
| 20 | 2,2,2,6 | 0.0 | 70% | | m-c sand brown, wet |
| 22 | 2,6,6,9 | 0.0 | 70% | | f-m sand brown/ trace silt brown, wet |
| 24 | 4,7,7,11 | 0.0 | 60% | | m-c sand brown, and m gravel wet |
| 26 | 2,4,5,3 | 0.0 | 50% | | m-c sand brown, wet |
| 28 | 2,3,3,3 | 0.0 | 50% | | m-c sand brown, wet |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/ Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Crout
- Bentonite
- Sand

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-3B

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-3B
Date Completed: 10/30/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout

Bentonite

Sand

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-3C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-3C
Date Completed: 11/1/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

### LEGEND

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

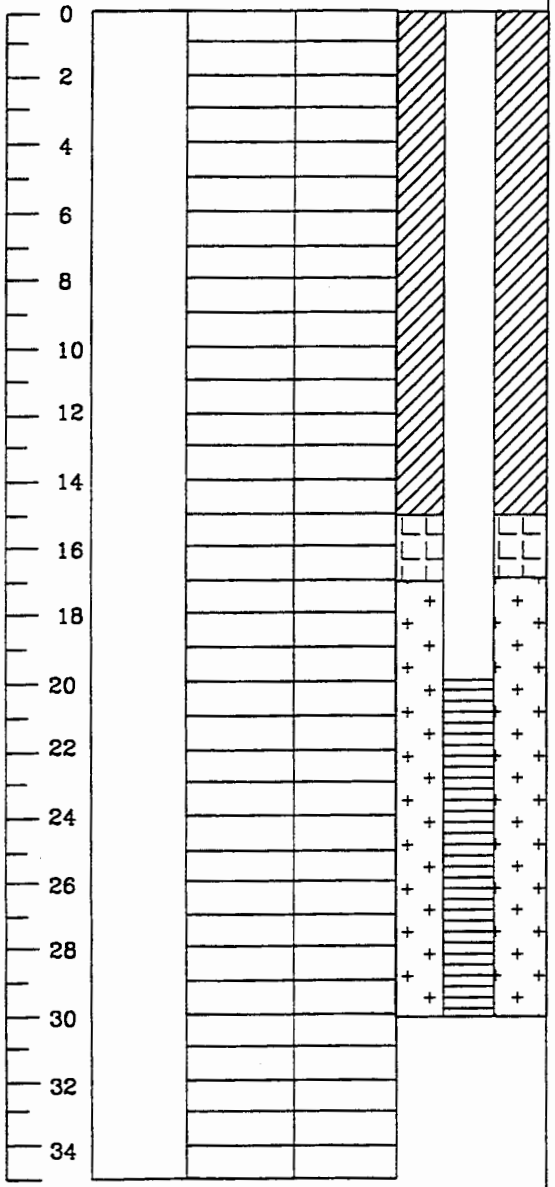
# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-3D

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-3D
Date Completed: 10-30-01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 – 34 | | | | | N/A |



Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

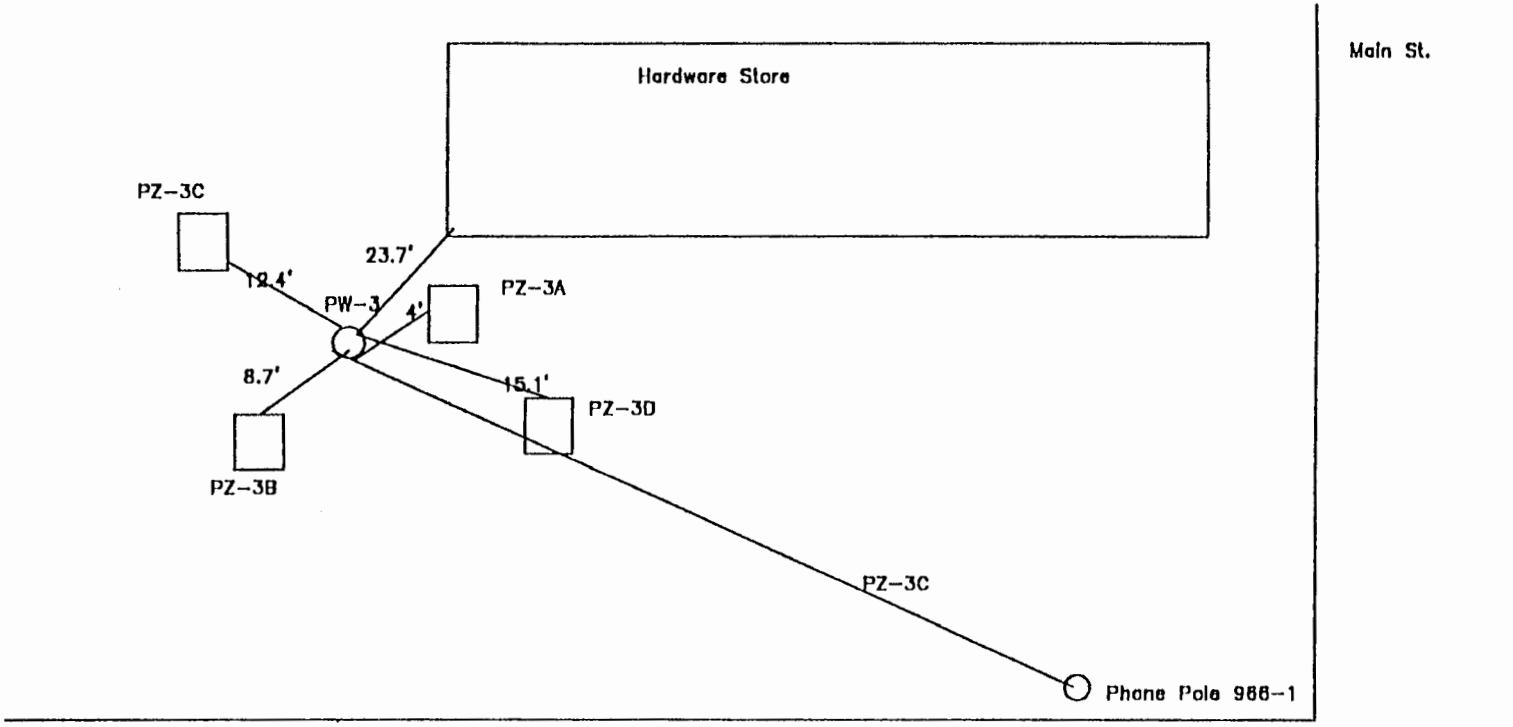
**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

PW-3 Well Cluster




I-20

Whaley Ave.

N

Tyree Organization, Ltd.

Phone: (518) 786-3200 4 Northway Lane LATHAM, NY 12110 Fax: (518) 786-7361

| | |
|---|---|
| Project Number 017301<br>As Built's | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | 11-28-01<br>SCALE:<br>CLIENT:<br>PLATE:<br>PW-3 |

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PW-4

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 11/9/01-11/9/01
LOGGED BY: D. Perruccio
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Field Description of Soil |
|---|---|---|---|---|
| 0 | 22,8,3,3 | 0.1 | 60% | Asphalt medium gravel grey, some f-m sand brown dry |
| 2 | 1,3,6,8 | 0.0 | 70% | vf-f sand brown and silt brown clay brown moist |
| 4 | 3,3,2,2 | 0.0 | 90% | vf-f sand brown and silt brown little clay brown, moist |
| 6 | 2,2,2,3 | 0.0 | 70% | vf-f sand brown some silt brown trace clay brown, moist |
| 8 | 3,3,2,3 | 0.0 | 70% | vf-m sand brown some silt brown trace gravel , moist |
| 10 | 1,3,4,5 | 0.0 | 90% | f-m sand brown some silt brown trace clay brown moist |
| 12 | 1,3,4,5 | 0.0 | 90% | f-m sand brown trace silt brown wet |
| 14 | 1,2,4,5 | 0.0 | 80% | f-m sand brown trace silt brown wet |
| 16 | 2,4,6,7 | 0.0 | 95% | f-m sand brown trace silt brown wet |
| 18 | 1,1,3,9 | 0.0 | 60% | f-m sand brown wet |
| 20 | 6,5,9,9 | 0.0 | 80% | f-m sand grey trace silt brown wet |
| 22 | 12,5,7,8 | 0.0 | 70% | f-m sand grey trace silt brown wet |
| 24 | 1,4,6,8 | 0.0 | 70% | f-m sand grey trace silt brown wet |
| 26 | 1,3,7,11 | 0.0 | 70% | f-m sand grey trace silt brown wet |
| 28 | 2,7,7,8 | 0.0 | 50% | f-m sand grey trace silt brown wet |
| 30 | | | | |
| 32 | | | | |
| 34 | | | | |

Borehole Completion: Sump

Notes: ppm=parts per million, nd=not detected

## BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

## WELL DATA

Riser Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

## FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

## GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

## WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

## WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

## LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-4A

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-4A
Date Completed: 10/31/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

LEGEND

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-4B

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-4B
Date Completed: 10/31/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Crout
- Bentonite
- Sand

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-4C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-4C
Date Completed: 10/31/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

LEGEND

| | | | |
|---|---|---|---|
| Grout | trace=1-10% | very fine sand=0.6-0.13mm | ▽ = ground water table |
| Bentonite | little=10-20% | fine sand=0.13-0.25mm | f-gravel=2-4mm |
| Sand | some=20-30% | medium sand=0.25-0.50mm | m-gravel=4-64mm |
| | and=30-50% | course sand=0.5-1mm | c-gravel=64-256mm |
| | | very course sand=1-2mm | |

Tyree Organization, Limited Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-4D

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-4D
Date Completed: 10/31/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
Grout
Bentonite
Sand

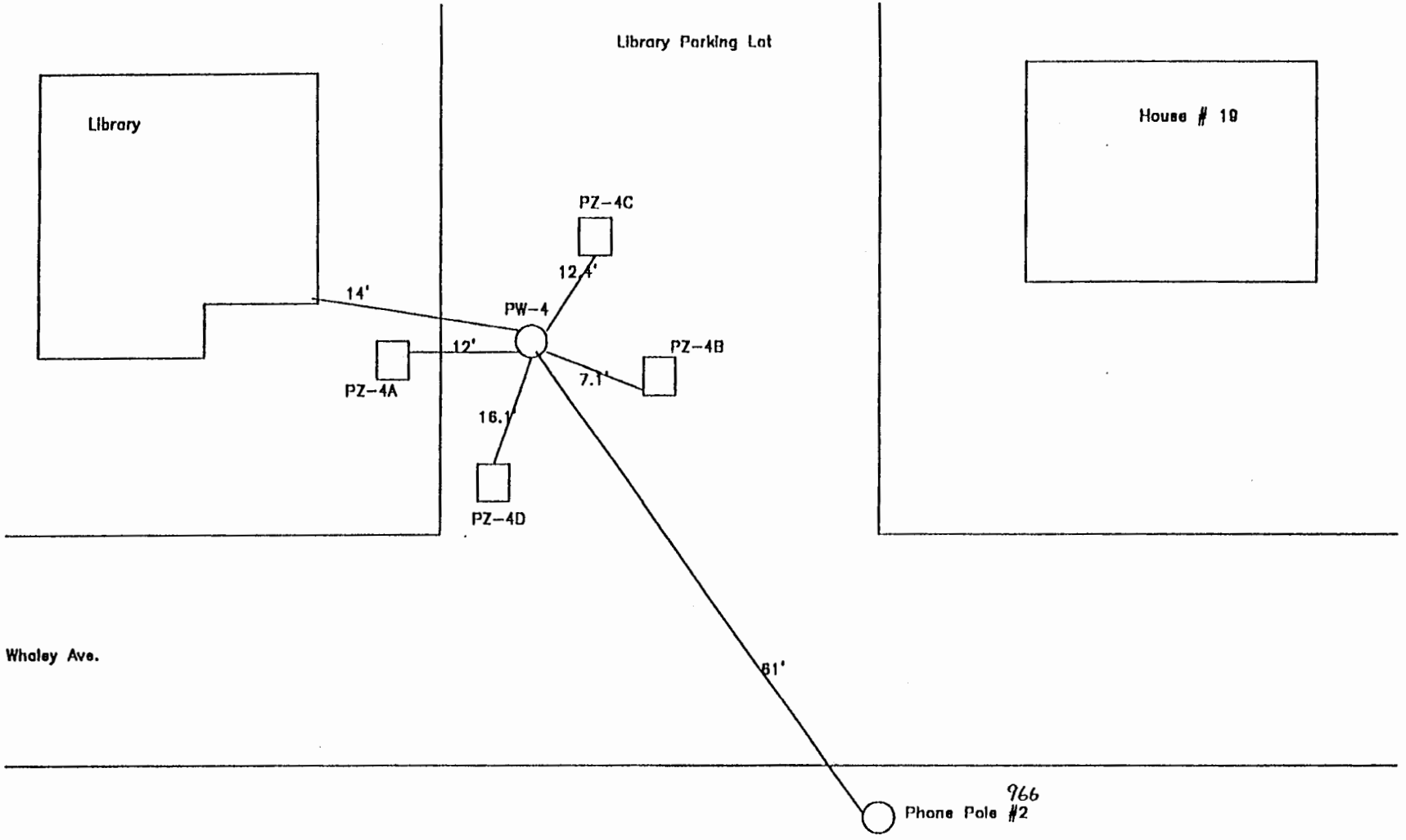
trace=1-10%
little=10-20%
some=20-30%
and=30-50%

### LEGEND

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

PW-4 Well Cluster





Tyree Organization, Ltd.

Phone: (518) 786-3200 4 Northway Lane LATHAM, NY 12110 Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Builts | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | 11-28-01<br>SCALE:<br>CLIENT:<br>PLATE: PW-4 |

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PW-5

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PW-5
DATE COMPLETED: 11/8/01
SUPERVISED BY: D. PERRUCCIO

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | Sump | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

### WELL DATA

Riser Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

### GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

## BORING NAME PZ-5A

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 10/23/01-10/23/01
LOGGED BY: C. Dinan
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | 1,2,3,4 | 120.2 | 70% | | Dark Brown Clay f-vf sand moist but loose little gravel trace organics |
| 2 | 7,13,23,24 | 132.4 | 10% | | dark brown fine sand dry loose some gravel (hit a rock) |
| 4 | 8,13,16,15 | 150.0 | 20% | | brown fine sand and gravel fragments of rock dry and loose |
| 6 | 6,6,9,9 | 17.4 | 40% | | brown- lt. brown fine sand and gravel/ rock fragements dry loose some copper staining |
| 8 | 5,7,8,8 | 31.2 | 60% | | brown- lt. brown fine-med sand and rock fragements some gravel dry and loose |
| 10 | 5,6,9,13 | 24.6 | 18% | | brown fine sand with some gravel dry and loose |
| 12 | 3,3,3,5 | 12.9 | 80% | | Hit H20, dark brown fine-med sand w/ little gravel wet soft |
| 14 | 3,5,6,8 | 5.6 | 70% | | dark brown fine-med sand wet soft |
| 16 | WR,1,2,5 | 4.5 | 60% | | dark brown fine-med sand wet soft |
| 18 | WR,WR,2,3 | 8.0 | 60% | | dark brown fine-vf silty sand wet soft soupy |
| 20 | WR,WR,2,4 | 7.6 | 40% | | dark brown fine-vf silty sand wet soft soupy |
| 22 | 1,1,1,2 | 0.9 | 90% | | dark brown fine-vf silty sand wet soft soupy |
| 24 | WR,WR,WR,3 | 0.0 | 80% | | dark brown fine-med silty sand wet soft soupy |
| 26 | 5,4,7,11 | 0.0 | 100% | | Field Description of Soil<br>top 1/2 dark brown f-m silty sand wet soft soupy<br>bottom 1/2 brown vf-f clay silty sand soft wet |
| 28 | WR,WR,WR,1 | 0.9 | 20% | | brown vf clayey silty sand wet soft soupy |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/ Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☑ YES ☐ NO
Size:
Concrete Pad: ☑ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan
Key:

Grout
Bentonite
Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-5B

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-5B
Date Completed: 10/24/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
Grout
Bentonite
Sand

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-5C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-5C
Date Completed: 10/24/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-5D

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-5D
Date Completed: 10/24/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

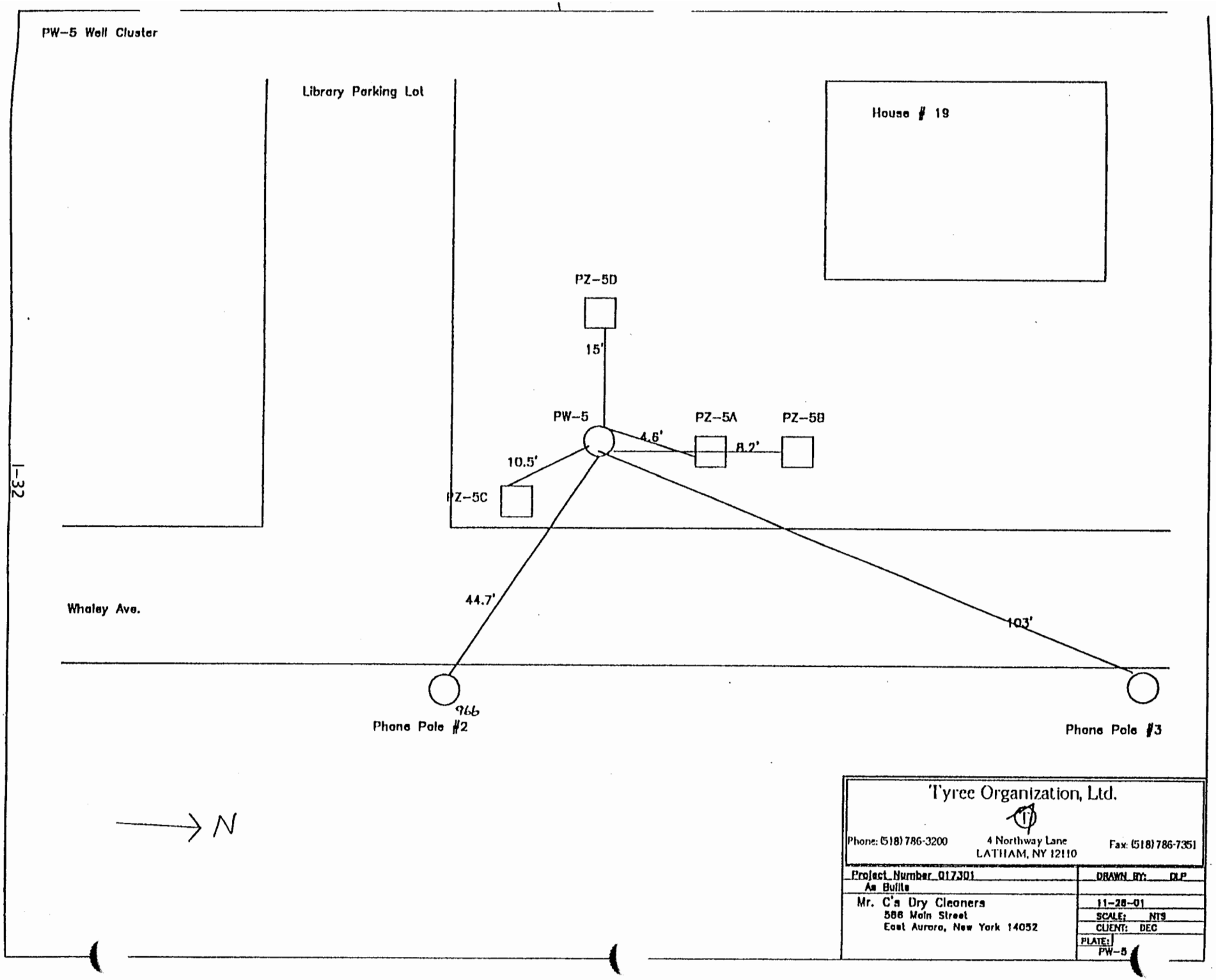
trace=1-10%
little=10-20%
some=20-30%
and=30-50%

LEGEND

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

PW-5 Well Cluster





Tyree Organization, Ltd.

Phone: (518) 786-3200 4 Northway Lane LATHAM, NY 12110 Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Builts | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | 11-28-01<br>SCALE: NTS<br>CLIENT: DEC<br>PLATE:<br>PW-5 |

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PW-6

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PW-6
DATE COMPLETED: 11/8/01
SUPERVISED BY: D. PERRUCCIO

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | Sump | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

### WELL DATA

Riser Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

### GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan
Key:

- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PZ-6A

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 10/29/01-10/29/01
LOGGED BY: D. Perruccio
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | |
| | 10,5,3,3 | 2.2 | 70% | | asphalt gravel dark gray medium- course sand |
| 2 | | | | | |
| | 2,2,6,7 | 3.5 | 80% | | med. gray f-m sand some silt moist |
| 4 | | | | | |
| | 2,3,4,5 | 0.0 | 50% | | medium gray fine to medium sand and silt moist |
| 6 | | | | | |
| | 2,3,6,5 | 0.0 | 50% | | dark brown medium to course sand fine gravel moist |
| 8 | | | | | |
| | 4,5,6,9 | 0.0 | 70% | | dark brown fine to medium sand some silt w/ grey silty clay moist |
| 10 | | | | | |
| | 2,4,6,6 | 0.0 | 50% | | medium brown medium to course sand f-m gravel wet |
| 12 | | | | | |
| | 2,2,5,7 | 0.0 | 100% | | medium grey m-c sand, f-m gravel trace silty sand wet |
| 14 | | | | | |
| | 7,13,11,12 | 0.0 | 60% | | medium grey m-c sand, f-m gravel trace silty sand wet |
| 16 | | | | | |
| | 11,18,11,14 | 0.0 | 70% | | med. grey, m-c sand, f-m gravel wet |
| 18 | | | | | |
| | 5,12,12,10 | 0.0 | 60% | | med. grey, m-c sand, f-m gravel trace of silty sand wet |
| 20 | | | | | |
| | 5,4,5,8 | 0.0 | 70% | | Medium grey fine to medium sand trace silt wet |
| 22 | | | | | |
| | 2,5,6,9 | 0.0 | 70% | | Medium grey fine to medium sand trace silt wet |
| 24 | | | | | |
| | 1,2,6,6 | 0.0 | 100% | | Medium grey fine to medium sand trace silt wet |
| 26 | | | | | |
| | 3,9,5,8 | 0.0 | 80% | | Medium grey fine to medium sand trace silt wet |
| 28 | | | | | |
| | 1,3,5,7 | 0.0 | 80% | | Medium grey fine to medium sand trace silt wet |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/ Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan
Key:

Grout
Bentonite
Sand

**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-6B

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-6B
Date Completed: 10/29/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

**LEGEND**

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-6C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-6C
Date Completed: 10/25/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

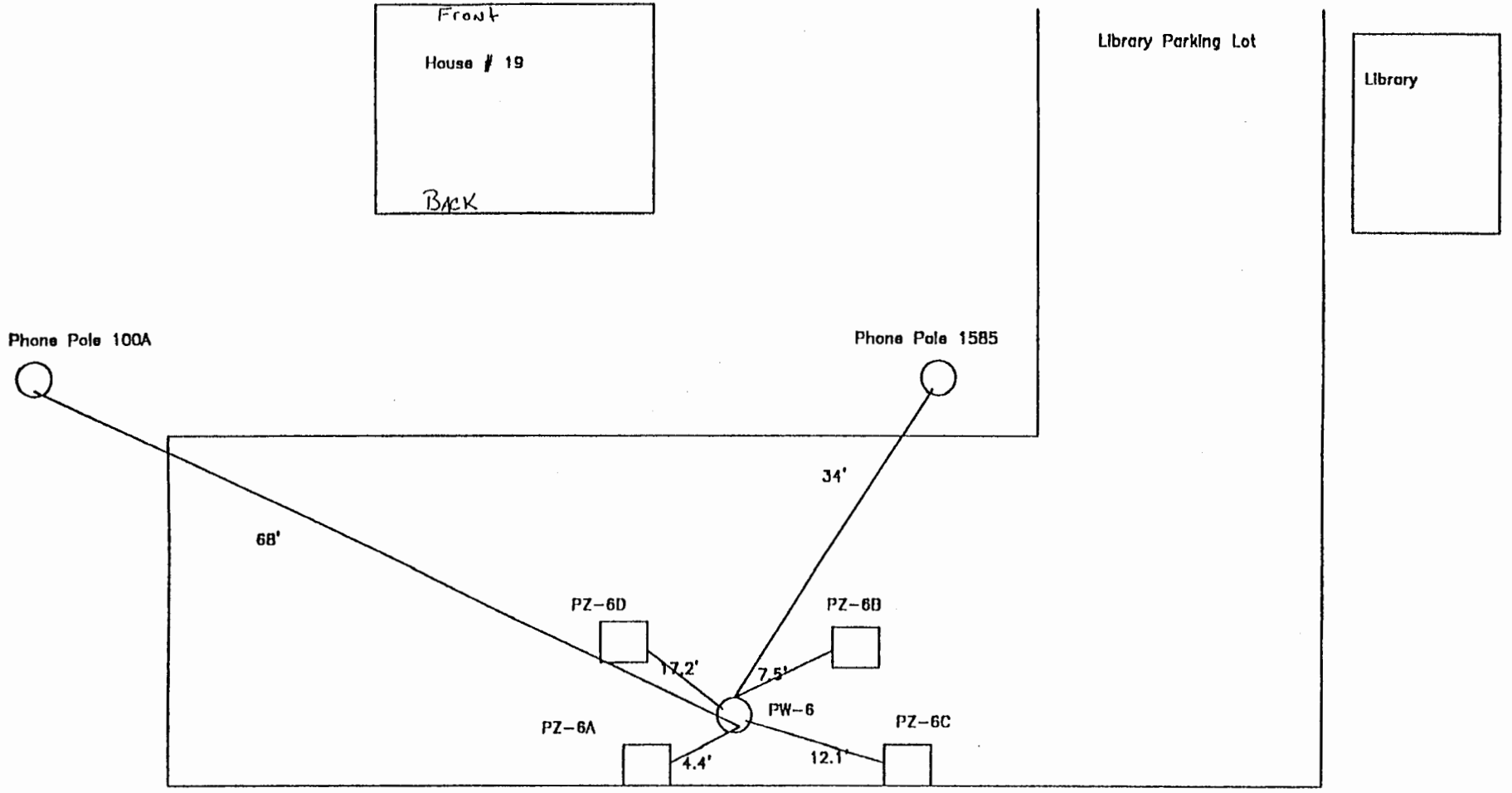
Drawn by: D. Pachan

Key:

LEGEND

| | | | |
|---|---|---|---|
| Grout | trace=1-10% | very fine sand=0.6-0.13mm | ▽ = ground water table |
| Bentonite | little=10-20% | fine sand=0.13-0.25mm | f-gravel=2-4mm |
| Sand | some=20-30% | medium sand=0.25-0.50mm | m-gravel=4-64mm |
| | and=30-50% | course sand=0.5-1mm | c-gravel=64-256mm |
| | | very course sand=1-2mm | |

PW-6 Well Clusters





Tyree Organization, Ltd.

Phone: (518) 786-3200 4 Northway Lane LATHAM, NY 12110 Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301 As Built | DRAWN BY: DLP |
| Mr. C's Dry Cleaners 586 Main Street East Aurora, New York 14052 | 11-27-01 |
| | SCALE: NTS |
| | CLIENT: DEC |
| | PLATE: PW-6 |

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PZ-7B

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 10/30/01-10/30/01
LOGGED BY: D. Perruccio
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | |
| 2 | 18,10,9,8 | 0.0 | 90% | | medium to course sand, some fine to course gravel grey and dry |
| 4 | 13,4,4,6 | 0.0 | 95% | | fine to medium sand brown, trace silt brown, moist |
| 6 | 4,5,3,3 | 0.0 | 60% | | fine to medium sand brown, some silt brown, moist |
| 8 | 3,4,3,4 | 0.0 | 50% | | m-c sand brown, some f-c gravel brown, trace silt brown, moist |
| 10 | 2,4,5,6 | 0.0 | 50% | | m-c sand brown, some f-c gravel brown, and silt brown, moist |
| 12 | 1,2,4,5 | 0.0 | 60% | | fine to medium sand grey trace silt grey wet |
| 14 | 6,5,11,10 | -- | 0% | | |
| 16 | 6,18,12,18 | 0.0 | 10% | | fine to medium sand brown, some silt brown, trace fine gravel brown wet |
| 18 | 2,5,8,9 | 0.0 | 50% | | fine to medium sand grey trace silt grey, wet |
| 20 | 3,4,8,10 | 0.0 | 70% | | fine to medium sand grey trace silt grey, wet |
| 22 | 2,3,8,8 | 0.0 | 60% | | fine to medium sand grey trace silt grey, wet |
| 24 | 2,4,8,10 | 0.0 | 70% | | fine to medium sand grey trace silt grey, wet |
| 26 | 2,5,7,7 | 0.0 | 70% | | fine to medium sand grey trace silt grey, wet |
| 28 | 1,1,2,3 | 0.0 | 80% | | Medium to course sand grey wet |
| 30 | 13,6,12,9 | 0.0 | 50% | | Medium to course sand grey wet |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

## BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

## WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

## FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

## GROUT / SEAL

Type: Bent/ Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

## WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

## WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

## LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-7A

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-7A
Date Completed: 11/6/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Crout
Bentonite
Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PW-7

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PW-7
DATE COMPLETED: 11/5/01
SUPERVISED BY: D. PERRUCCIO

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | Sump | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

### WELL DATA

Riser
Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen
Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

### GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-7C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-7C
Date Completed: 11/6/01
SUPERVISED BY: D. Perruccio

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

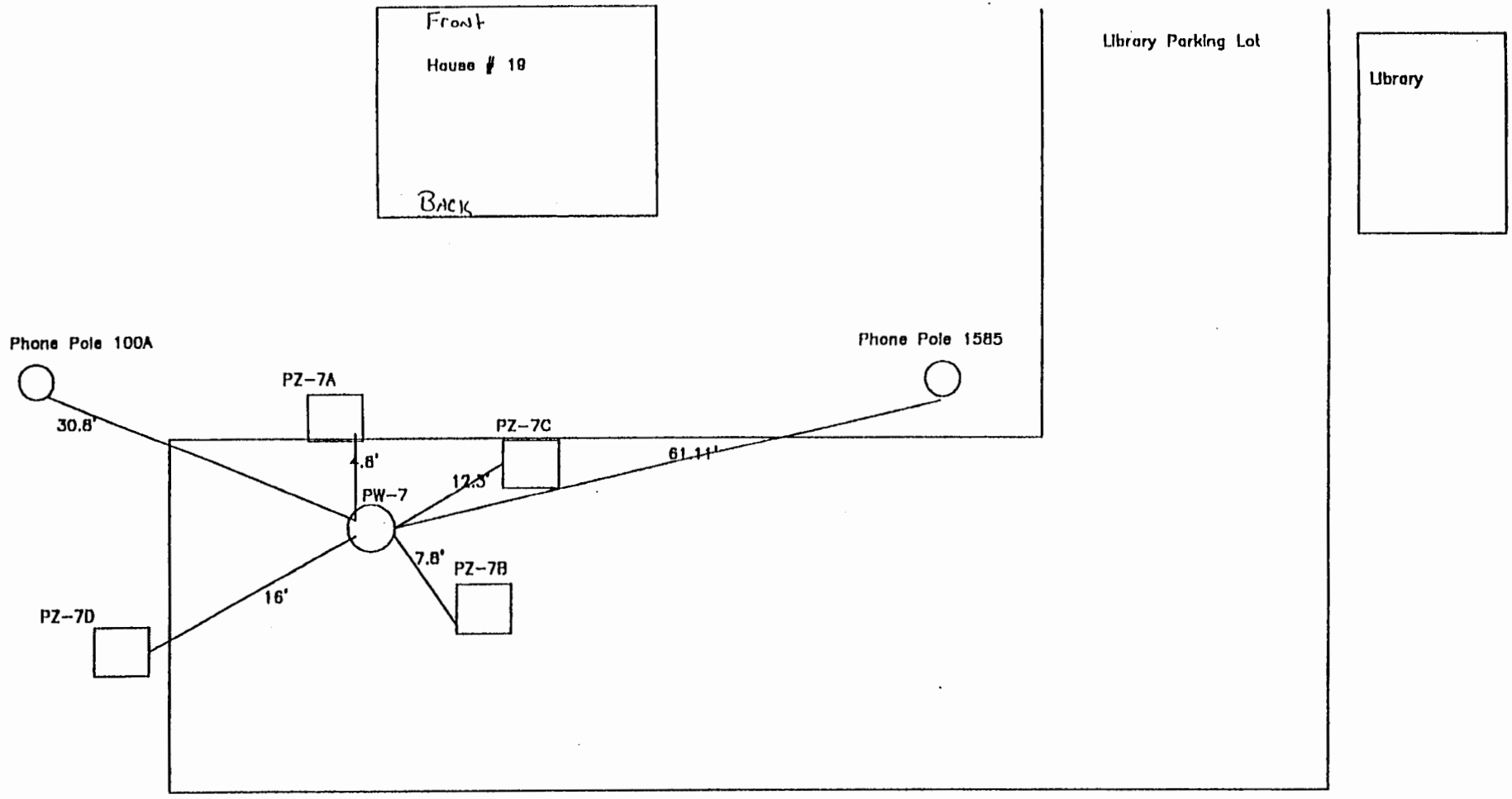
### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

PW-7 Well Cluster




N


Tyree Organization, Ltd.

Phone: (518) 786-3200 | 4 Northway Lane, LATHAM, NY 12110 | Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Builts | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | 11-27-01<br>SCALE: NTS<br>CLIENT: DEC<br>PLATE: PW-7 |

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PW-8

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PW-8
DATE COMPLETED: 11/7/01
SUPERVISED BY: D. PERRUCCIO

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | Sump | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

### WELL DATA

Riser
Type: Stainless Steel
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen
Type: Stainless Steel
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 7 bags
Interval: 30'-15'

### GROUT / SEAL

Type: Bent/ Grout/Sand
Volume Used: 1.5 bucket/3 bags/2bag
Interval: 15'-13'/13'-5'/5'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan
Key:

- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PZ-8A

CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 10/25/01-10/25/01
LOGGED BY: C. Dinan
DRILLER: Nothnagle Drilling
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | 2,4,5,7 | 0.0 | 90% | | Top 3rd dark brown soil w/ organics<br>Bottom v-f to f sand dry loose |
| 2 | 5,7,11,12 | 0.0 | 60% | | light brown sand w/ some gravel rock fragements dry loose |
| 4 | 2,2,5,4 | 0.0 | 20% | | light brown sand w/ some gravel rock fragements dry loose |
| 6 | 3,3,3,7 | 0.0 | 30% | | light brown sand and gravel shale rock fragements loose dry |
| 8 | 5,7,8,11 | 0.0 | 70% | | hit H20, top 5" same as above<br>bottom gray wet silty clay stiff |
| 10 | 3,6,7,11 | 0.0 | 70% | | grey silty clay wet semi stiff |
| 12 | 4,8,11,12 | 0.0 | 40% | | brown vf sand and f-m gravel wet semi loose |
| 14 | 6,4,3,6 | 1.6 | 30% | | brown vf sand and f-m gravel wet semi loose |
| 16 | 4,5,7,6 | 3.5 | 50% | | f-m gravel with some brown fine sand wet loose |
| 18 | 9,7,8,10 | 1.4 | 40% | | f-m gravel with some brown fine sand wet loose |
| 20 | 3,6,7,8 | 2.0 | 50% | | top 4"- same as above<br>mid 4" brown sandy silt wet sticky stiff<br>bottom 4"-gray vf-f sand wet |
| 22 | 4,4,4,4 | 1.0 | 50% | | grey silty vf sand wet sticky |
| 24 | 5,5,5,6 | 0.4 | 20% | | dark grey f-m sand w/ trace gravel wet loose |
| 26 | WR,3,5,6 | 0.0 | 80% | | grey vf-f sand, silty wet and sticky |
| 28 | 2,3,4,4 | 0.0 | 70% | | Grey vf-f silty sand wet sticky |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

## BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

## WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

## FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

## GROUT / SEAL

Type: Bent/ Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

## WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

## WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan
Key:

Grout
Bentonite
Sand

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

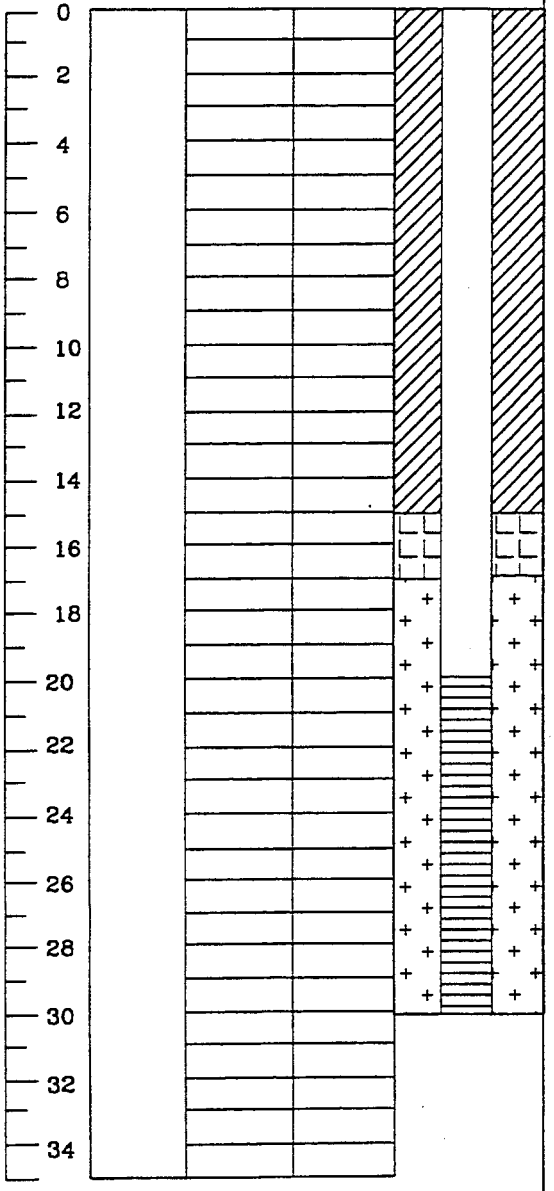
# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-8B

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-8B
Date Completed: 10/25/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |




Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

**GROUT / SEAL**

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-8C

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-8C
Date Completed: 10/25/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:
- Grout
- Bentonite
- Sand

### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited Latham, NY

# WELL CONSTRUCTION DETAIL

## BORING NAME PZ-8D

PROJECT NAME: NYS DEC
SITE: Mr. C's Dry Cleaners
Address: 586 Main St., East Aurora, NY

PROJECT #: 017301
WELL #: PZ-8D
Date Completed: 10/25/01
SUPERVISED BY: C. Dinan

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | N/A |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |
| 32 | | | | | |
| 34 | | | | | |

Notes: ppm=parts per million, nd=not detected

### BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

### WELL DATA

Riser
Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen
Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

### FILTER PACK

Source: Sand
Composition:
Volume Used: 4 bags
Interval: 30'-17'

### GROUT / SEAL

Type: Bent/Grout
Volume Used: 1 bucket/4 bags
Interval: 17'-15'/15'-0'

### WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

### WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

Drawn by: D. Pachan

Key:

Grout
Bentonite
Sand

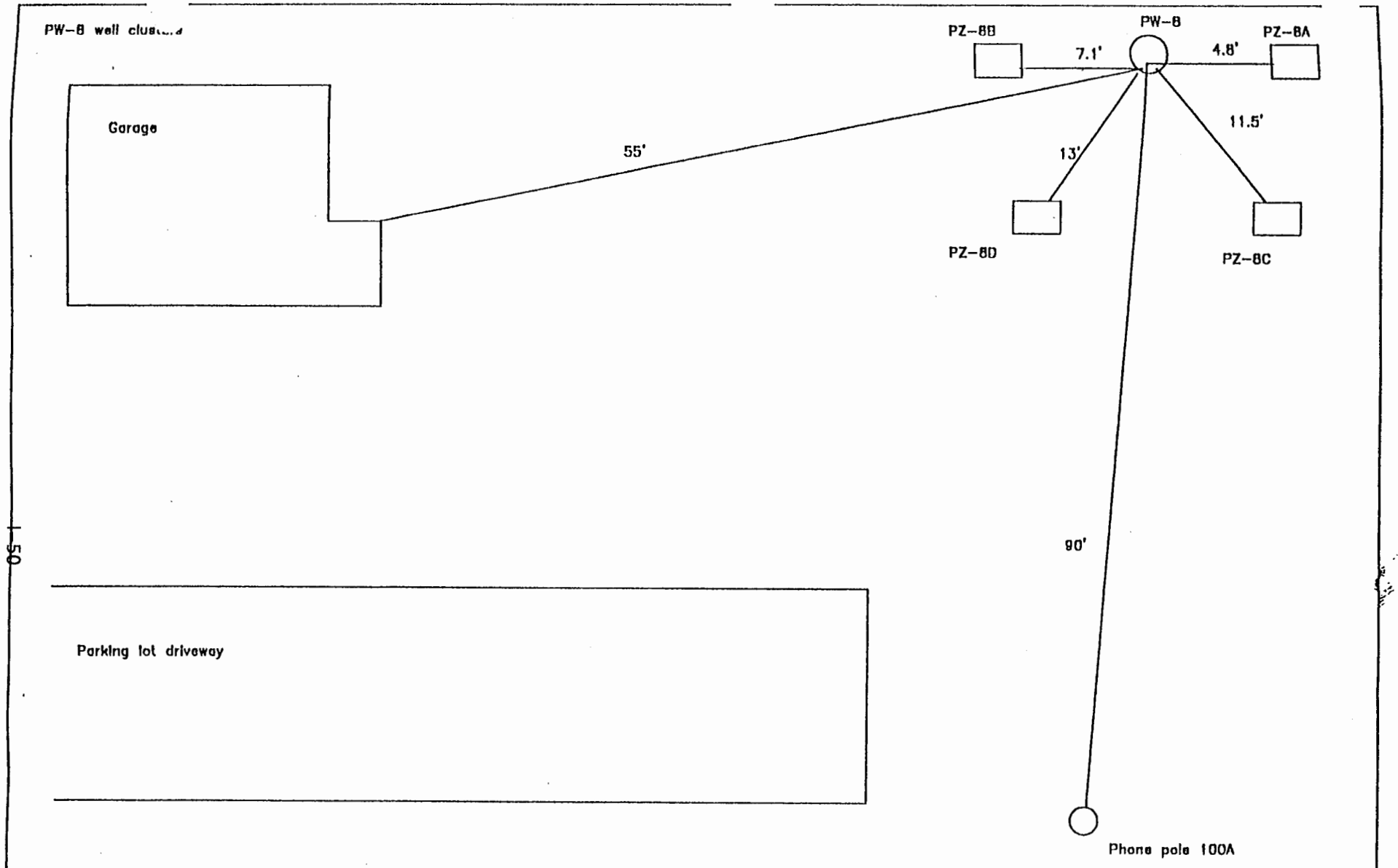
### LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table

f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm




Tyree Organization, Ltd.
Phone: (518) 786-3200
4 Northway Lane
LATHAM, NY 12110
Fax: (518) 786-7351

| | |
|---|---|
| Project Number 017301<br>As Builts | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>588 Main Street<br>East Aurora, New York 14052 | 11-27-01<br>SCALE: NTS<br>CLIENT:<br>PLATE: PW-8 |

RECEIVED
BY 9/9/02 DATE

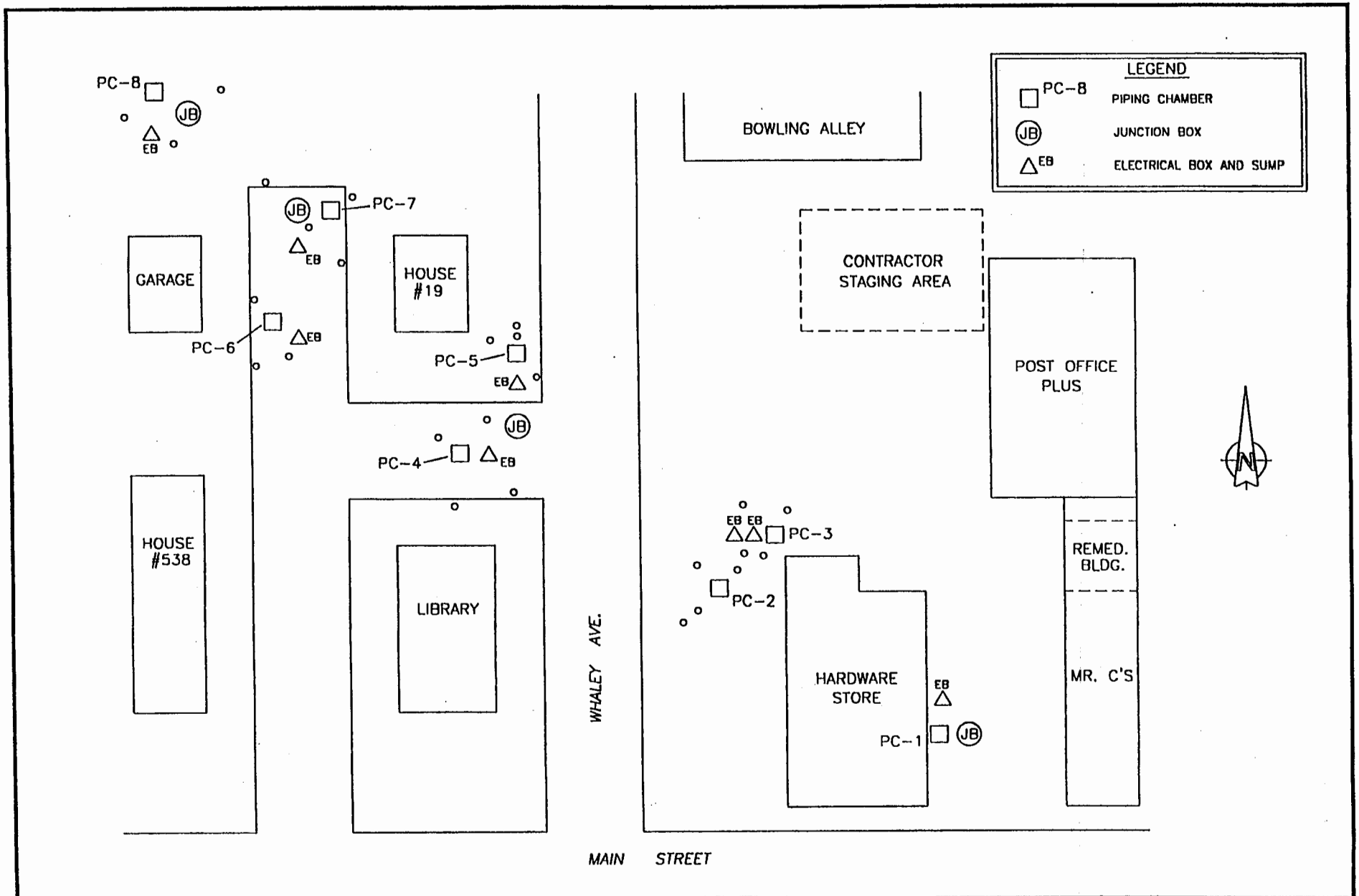
Piezometer Gauging Data

| Piezometer | Pump Cycle | Date: 9/5/02 Pump Off | 9/5/02 After Cycle | Depth of Recovery Well as is gauged |
|---|---|---|---|---|
| PZ-1A | | 13.24 | | 10' |
| PZ-1B | Almost | 12.64 | | |
| PZ-1C | always on | 13.69 | | |
| PZ-1D | | 13.69 | | |
| PZ-2A | | 12.25 | 12.34 | 12' |
| PZ-2B | 38 Sec | 12.63 | 12.78 | |
| PZ-2C | | 12 | 12.02 | |
| PZ-2D | | 11.88 | 12.01 | |
| PZ-3A | | 12.78 | 12.91 | 6' |
| PZ-3B | 37 Sec | 12.84 | 12.94 | |
| PZ-3C | | 13.37 | 13.44 | |
| PZ-3D | | 12.91 | 12.91 | |
| PZ-4A | | 12.73 | | 5' |
| PZ-4B | Rarely on | 12.1 | | |
| PZ-4C | | 12.11 | | |
| PZ-4D | | 11.62 | | |
| PZ-5A | | 11.49 | | 6' |
| PZ-5B | 1min39sec | 11.52 | | |
| PZ-5C | | 11.97 | | |
| PZ-5D | | 12.62 | | |
| PZ-6A | | 12.59 | | 9' |
| PZ-6B | 45 Sec | 12.71 | | |
| PZ-6C | | 12.91 | | |
| PZ-6D | | 12.63 | | |
| PZ-7A | | 23.86 | | 7' |
| PZ-7B | Between | 12.95 | | |
| PZ-7C | 5 and 6 | 12.68 | | |
| PZ-7D | Minutes | 12.38 | | |
| PZ-8A | | 9.01 | | 8' |
| PZ-8B | 65 Sec | 9.1 | | |
| PZ-8C | | 8.51 | | |
| PZ-8D | | 8.9 | | |

# J

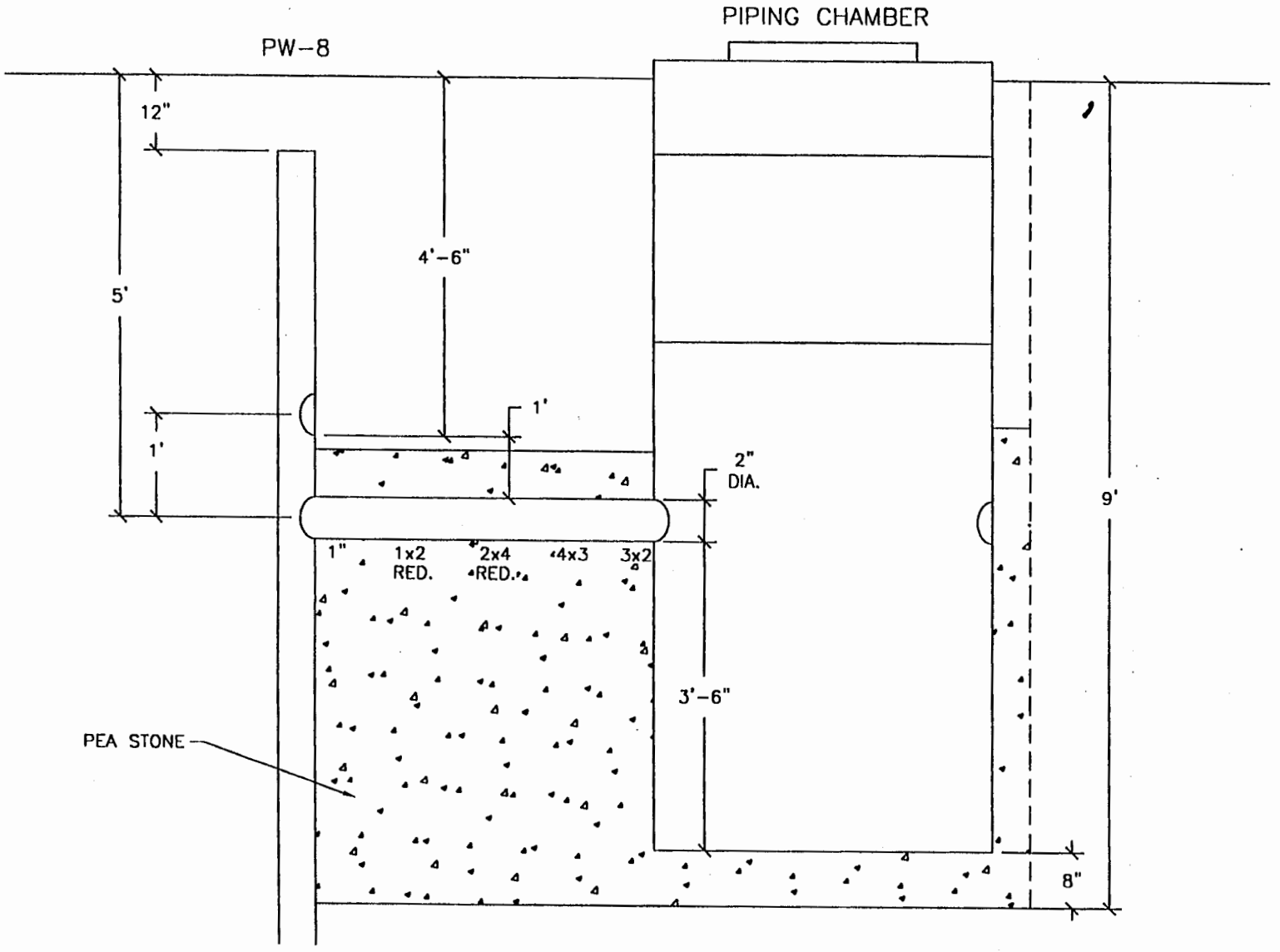
# Project Record Drawings

**Please see enclosed CD**

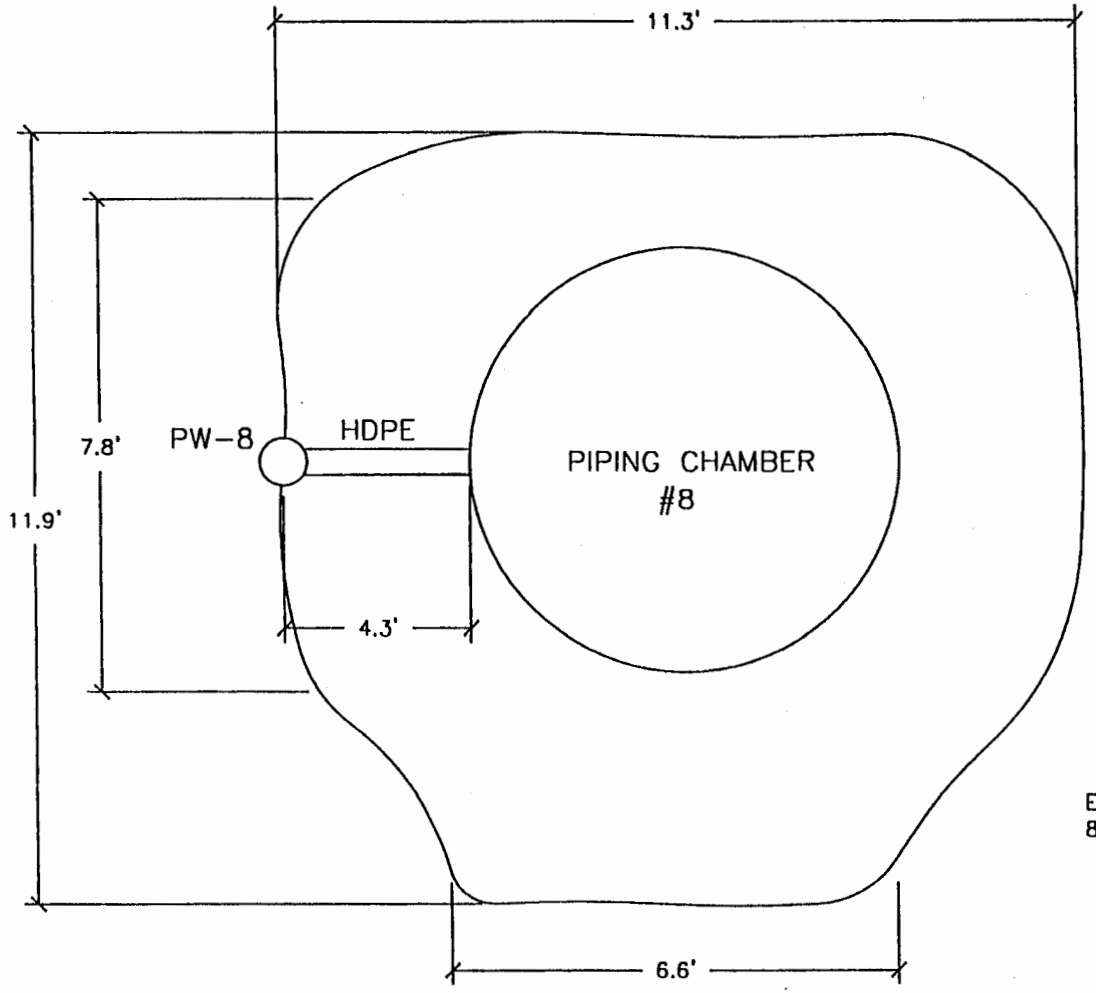



| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-8 PIPING DETAIL TO PC-6 & PC-7 AS RECORDED | Checked by: D. PACHAN | Cad File: MRC-SITE |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-15-03 | Figure A |

J-5



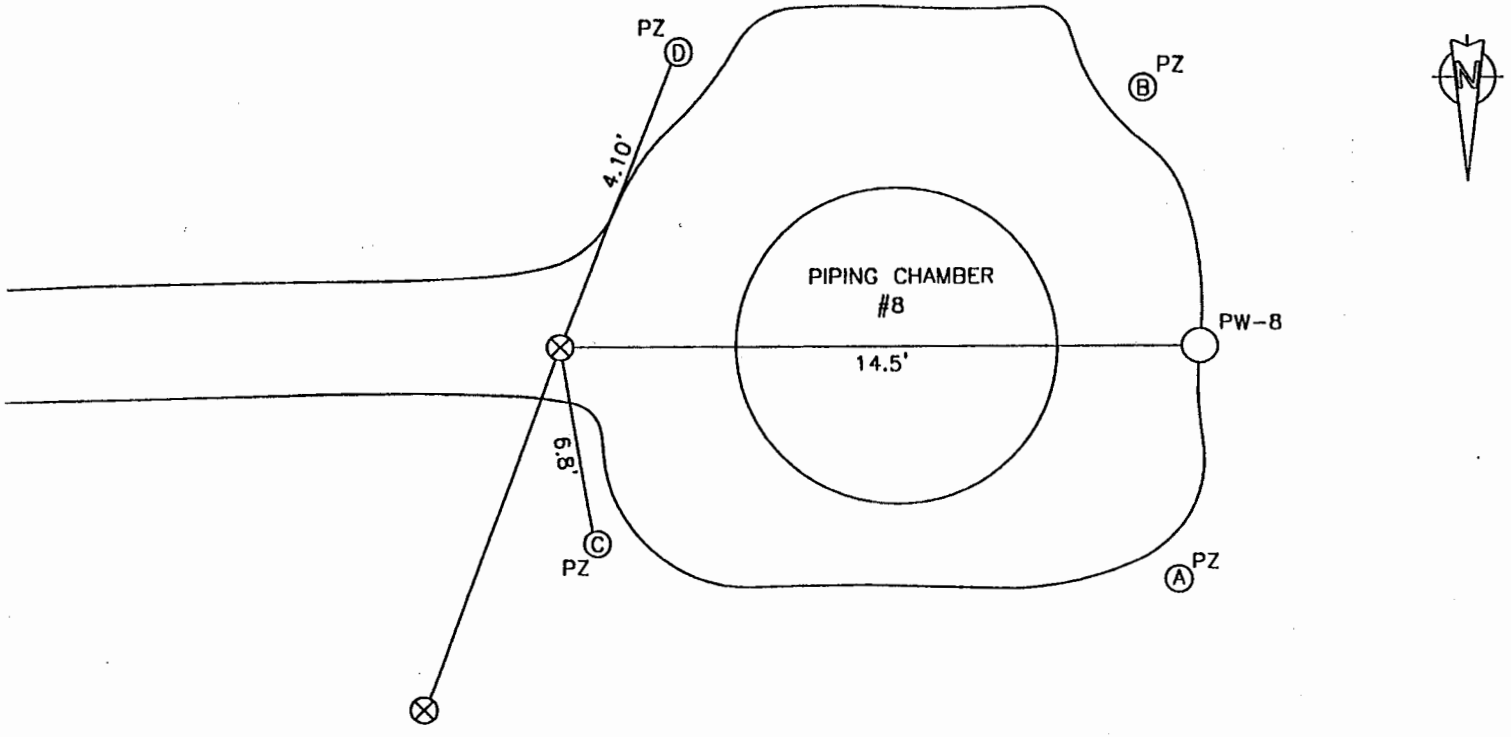

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PIPING CHAMBER AND WELL CONNECTION #8 AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-1 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure A-1 |




EXCAVATION – 9' DEEP
8" PEA STONE ON BOTTOM OF CHAMBER

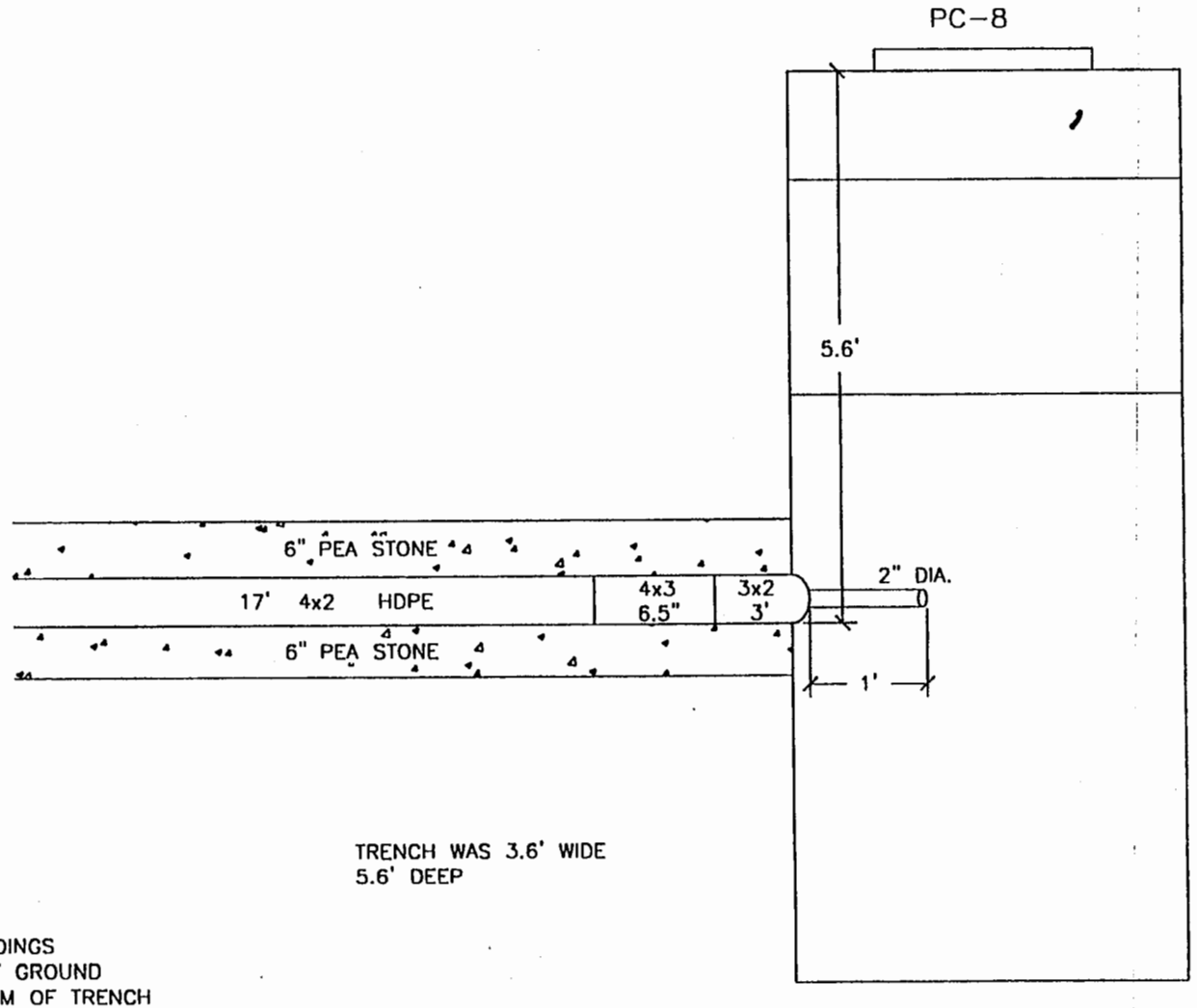
| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PIPING CHAMBER AND WELL CONNECTION AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-2 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure A-2 |

J-8




1st SOIL SAMPLE TAKEN 14.5' AWAY FROM PW-8
SAMPLE ID 14.5 TRENCH
PID=0
ANALYZED FOR TCL ASP 95-1 VOC
TRENCH 5.6' DEEP

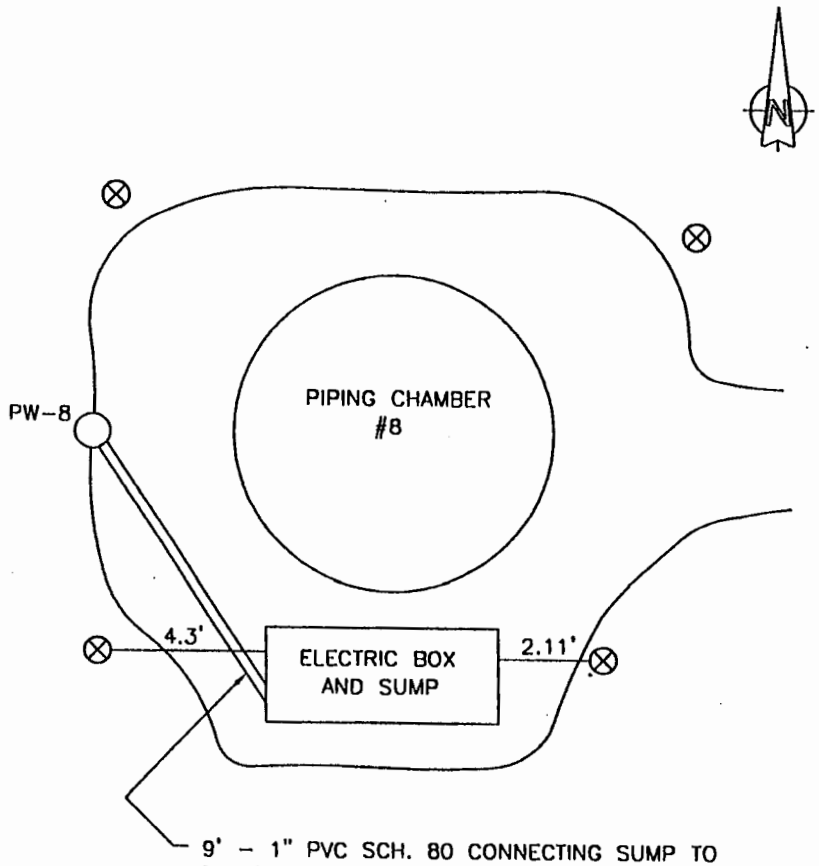
| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCH SOIL SAMPLES AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-3 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-15-03 | Figure A-3 |



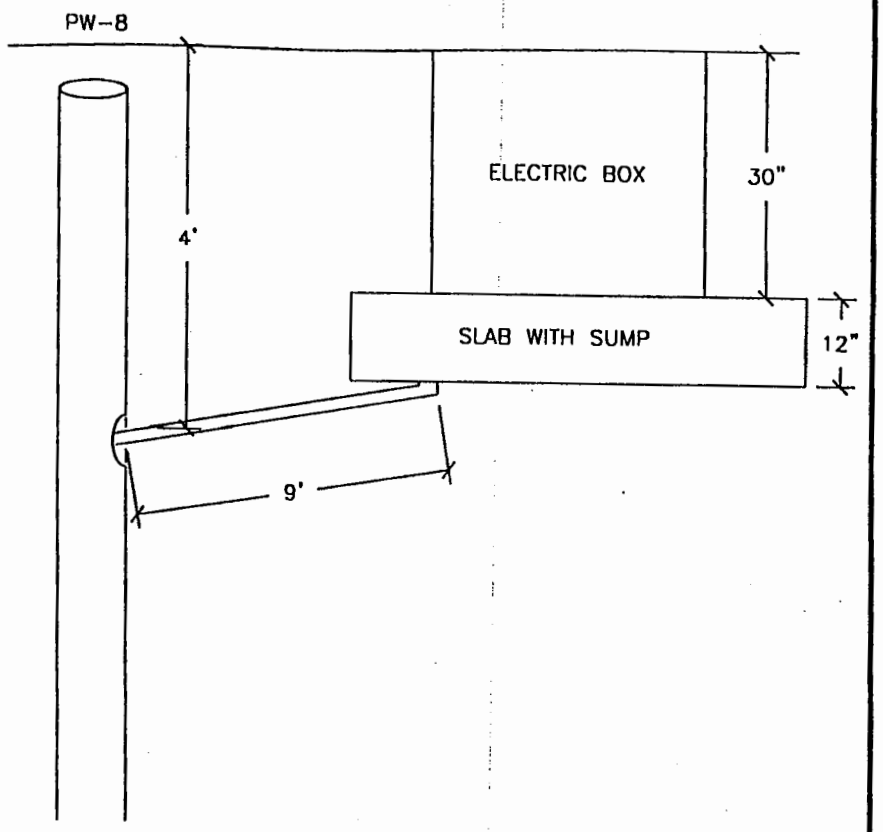

TRENCH WAS 3.6' WIDE
5.6' DEEP

TRANSIT READINGS
4.81 TOP OF GROUND
10.56 BOTTOM OF TRENCH
10.22 TOP OF LOWER STONE

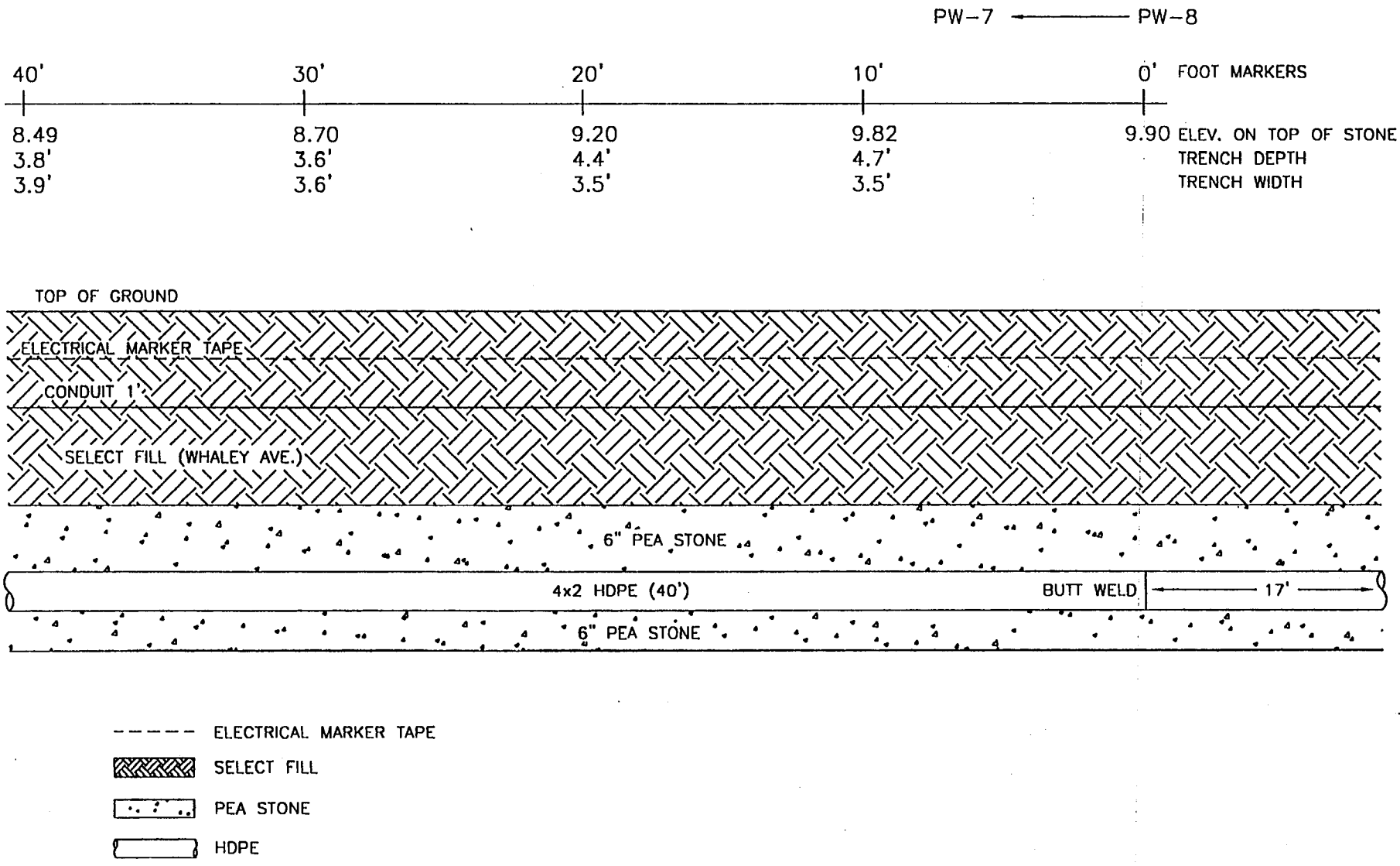
| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCH FROM PC-8 TO PC-7 AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-4 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure A-4 |



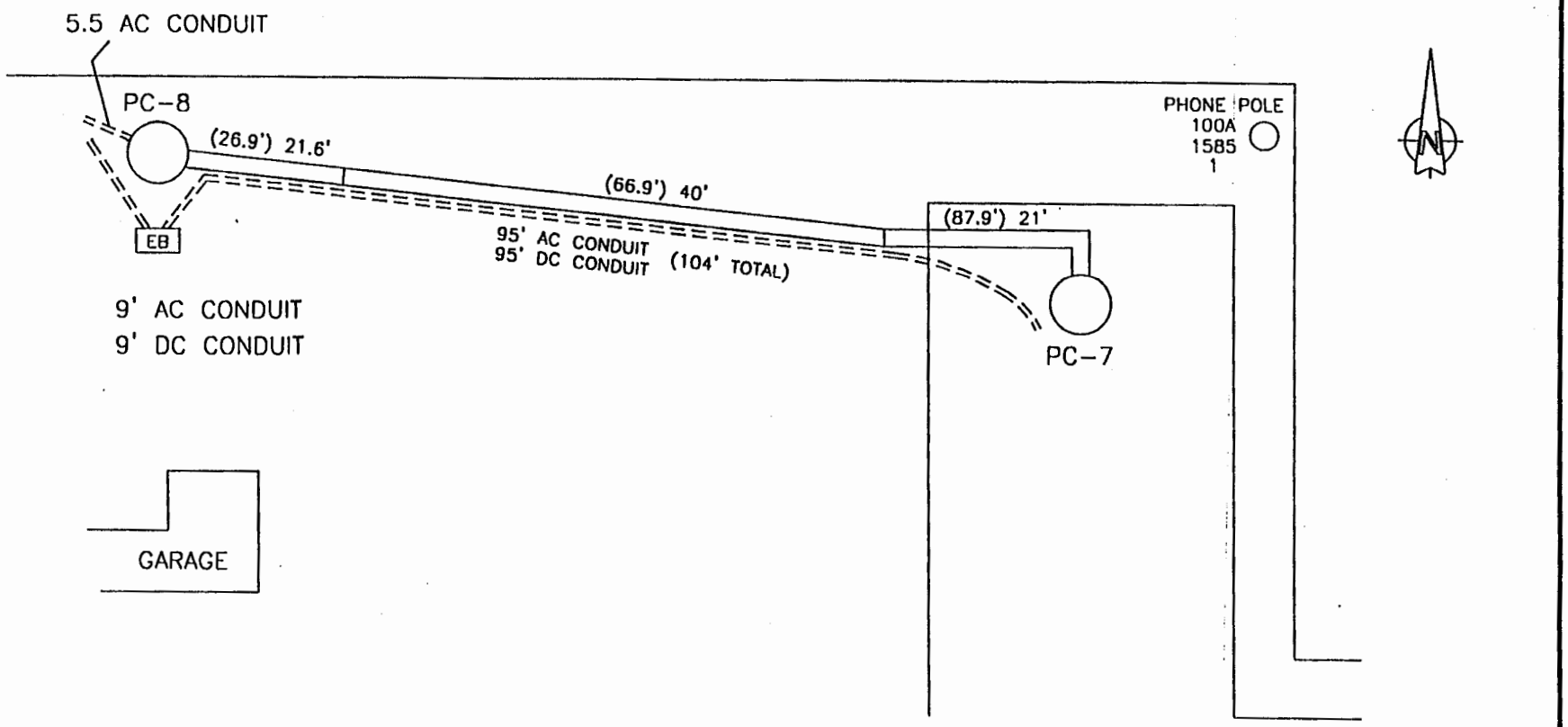

1 - 1" 90
2 - 1 1/2" COUPLING
1 - 1 1/2"-2" REDUCER
1 - 1" FEMALE ADAPTER
11 - CONCRETE BRICKS UNDER SLAB



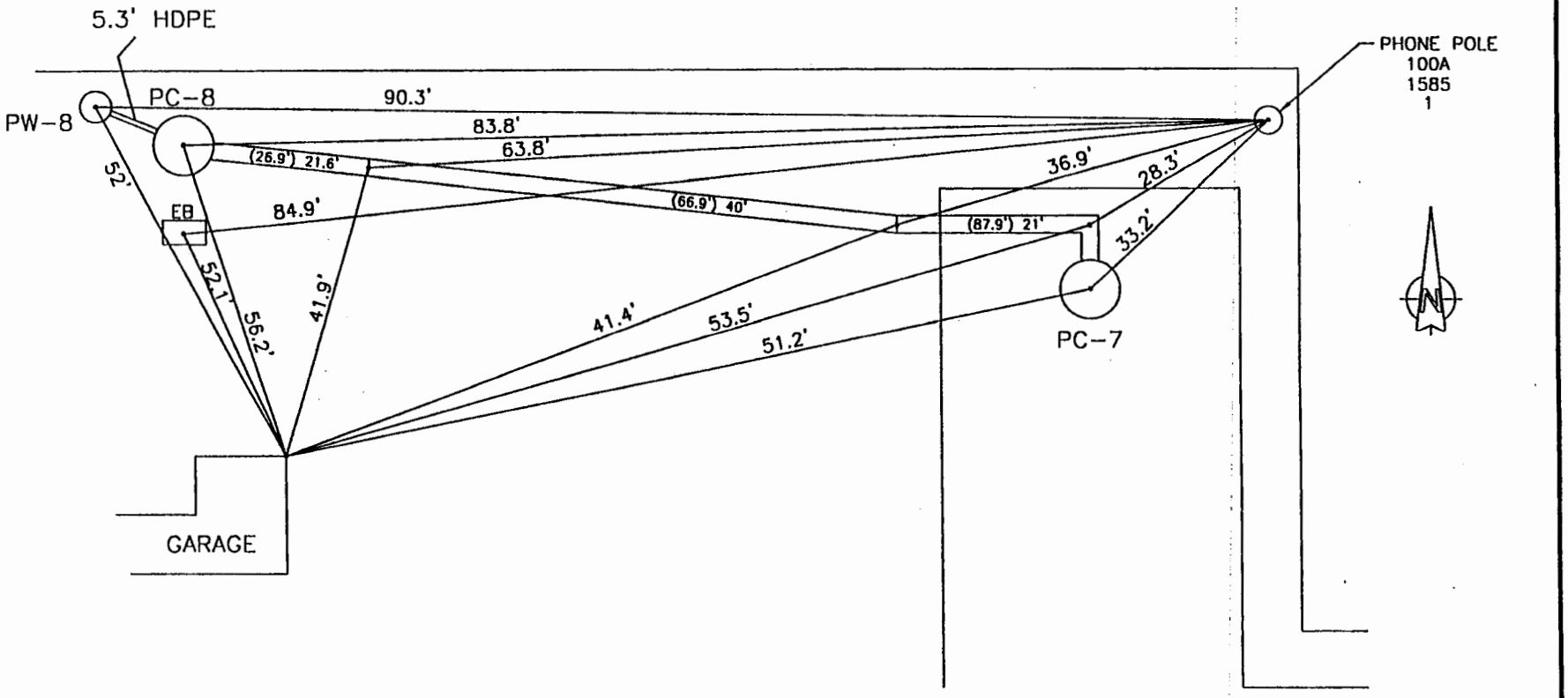

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | ELECTRICAL BOX AND SLAB AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-5 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure A-5 |



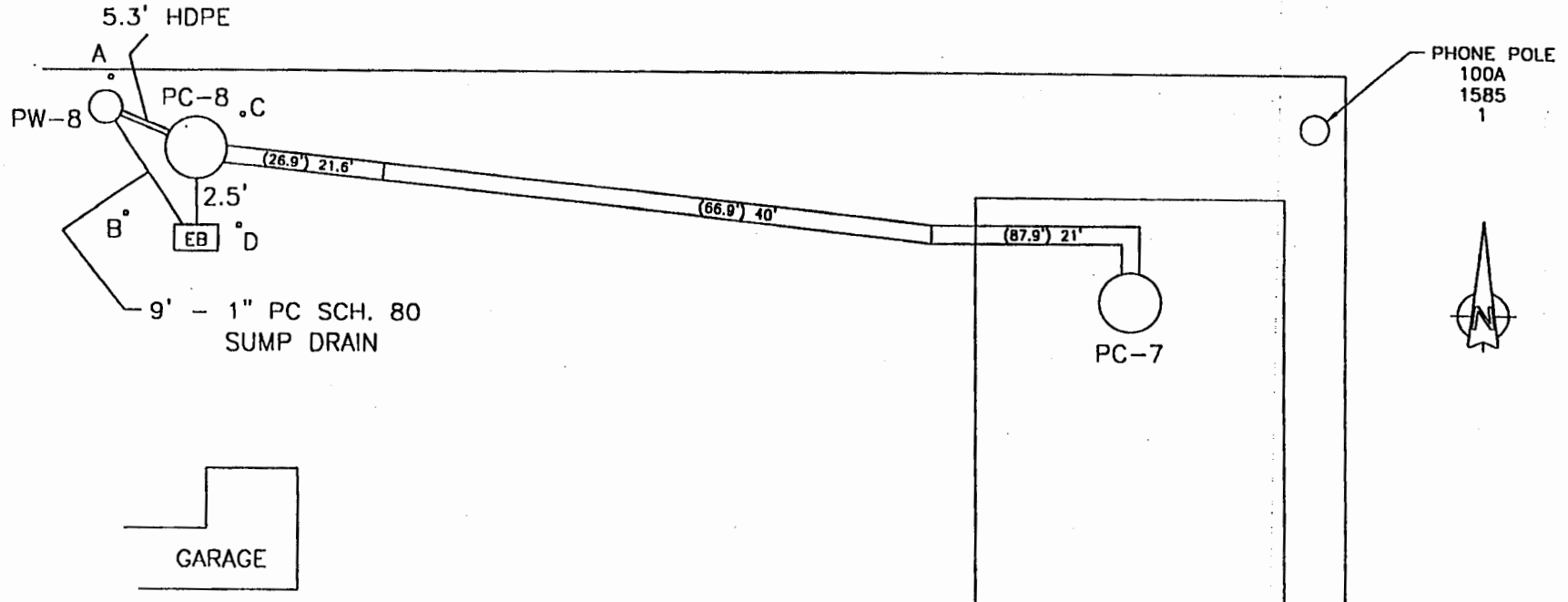

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING PC-8 TO PC-7 AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-6 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure A-6 |



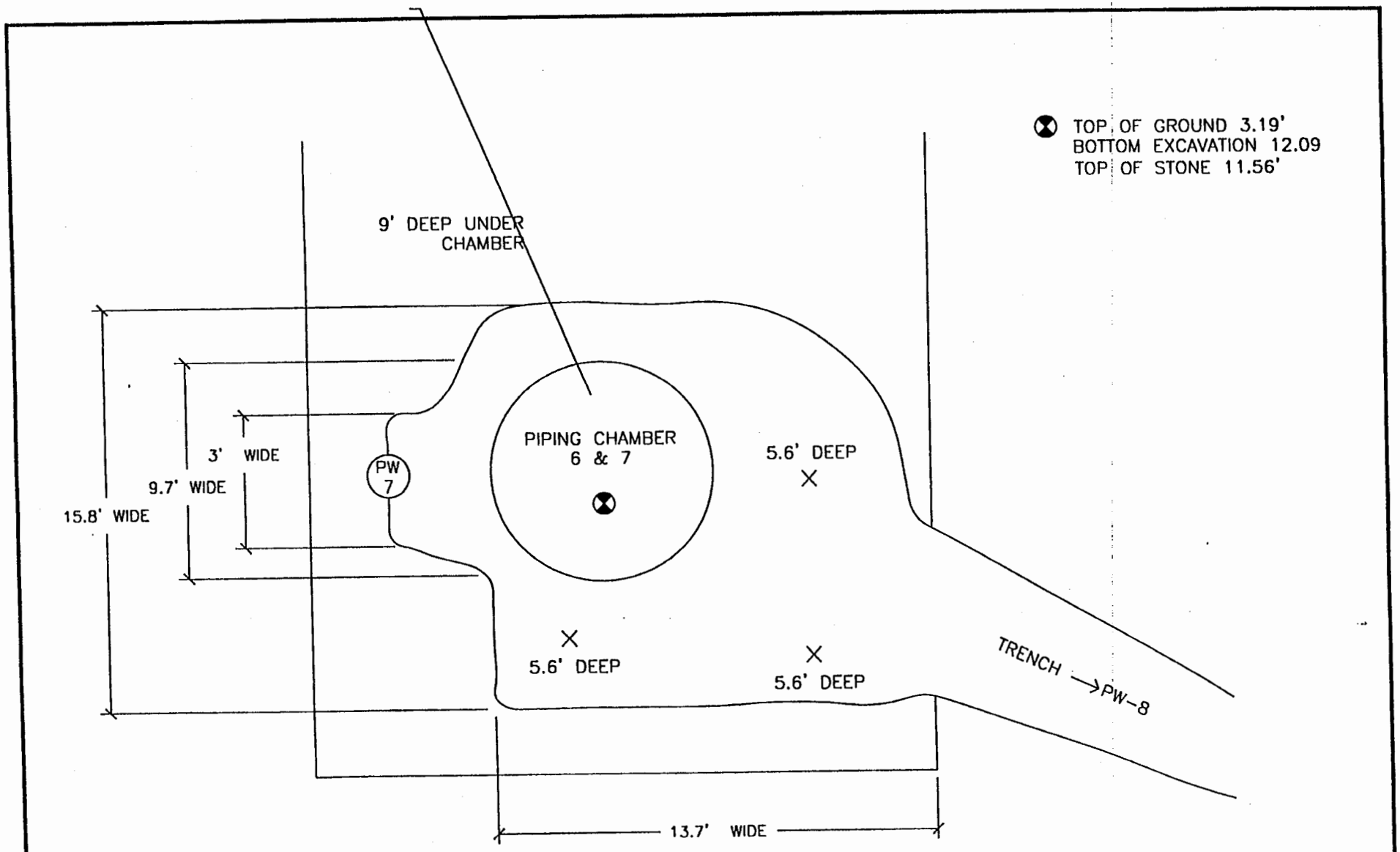

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-8 TO PC-7 CONDUIT LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-7 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-15-03 | Figure A-7 |



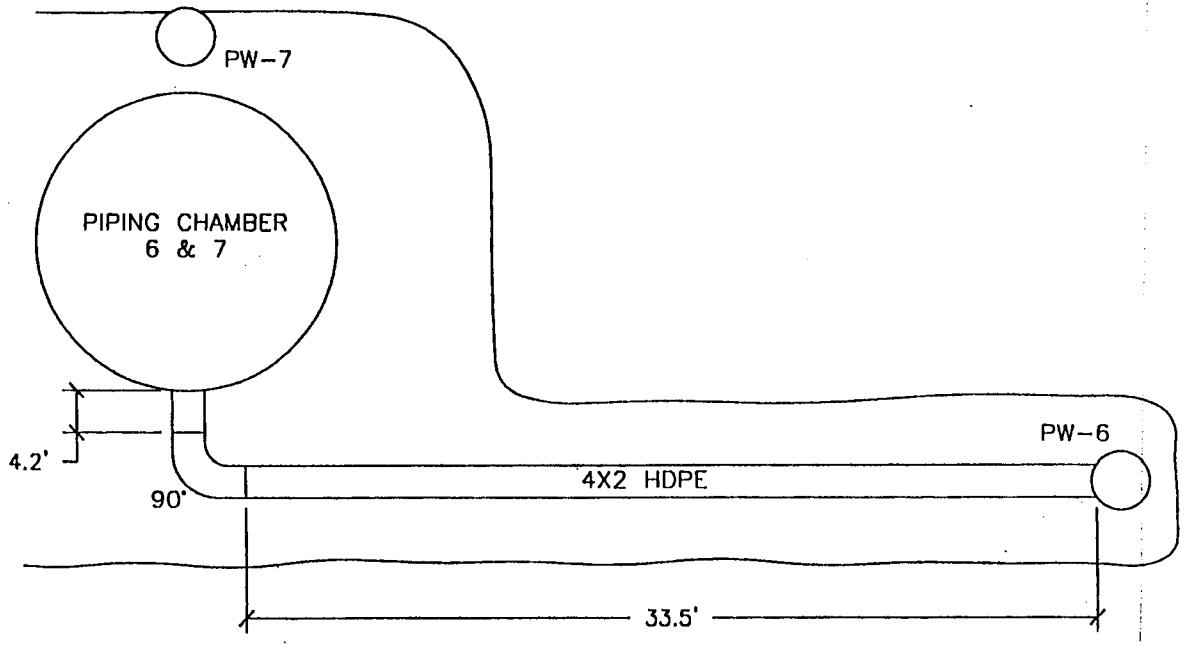

| | | | | |
|---|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-8 TO PC-7 HDPE PIPE LOCATIONS AS RECORDED | Checked by: D. PACHAN | | Cad File: MRCA-8 |
| | | Drawn by: FJF/Adecco | | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. | Date: 8-15-03 | Figure A-8 |



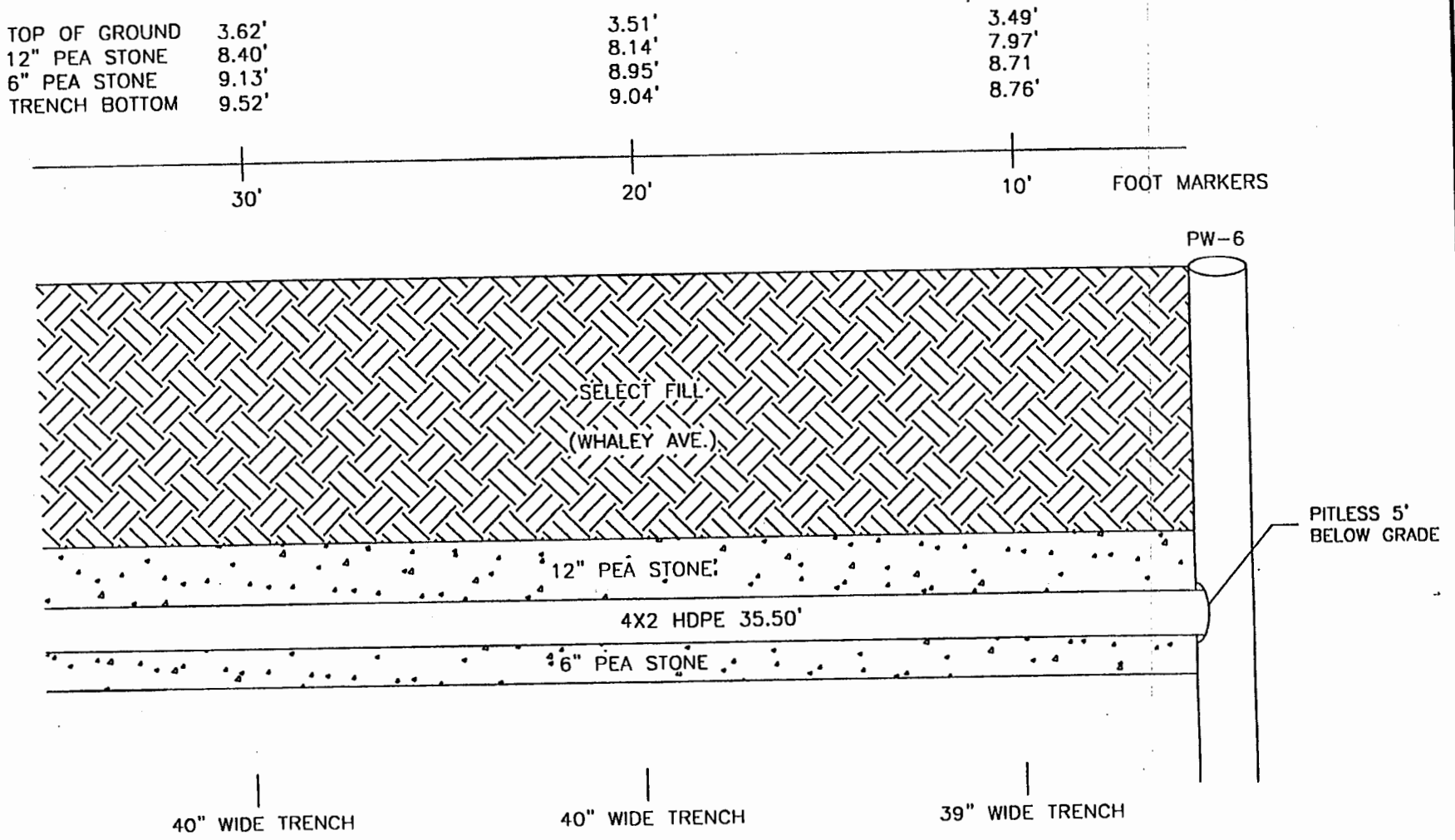

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-8 TO PC-7 ELECTRICAL BOX AS RECORDED | Checked by: D. PACHAN | Cad File: MRCA-9 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure A-9 |



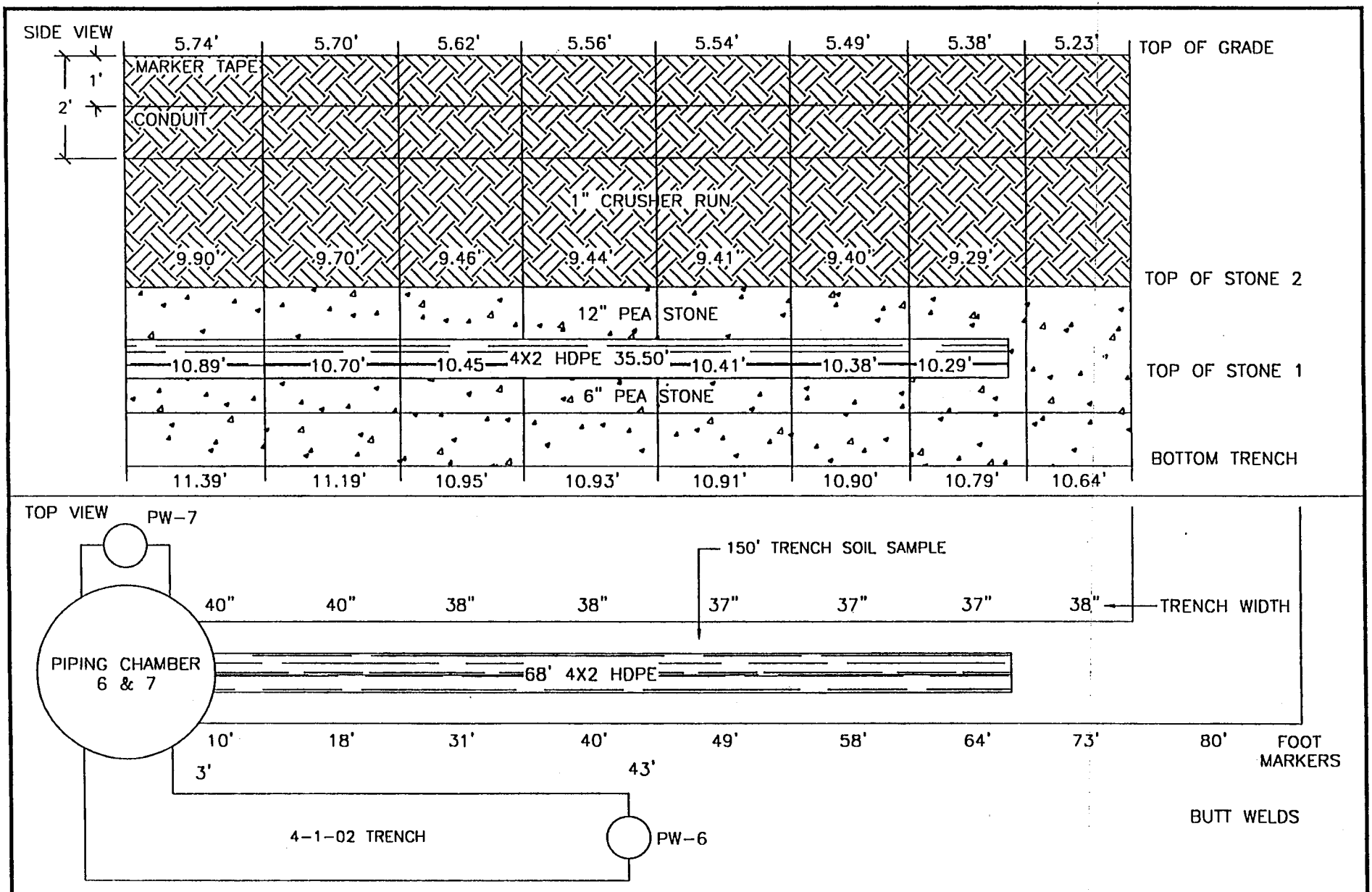

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | DIGGING FOR PIPING CHAMBER OF PW-6 & PW-7 SET CHAMBER AS WELL<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-19-03 | Cad File: MRCB-1<br>Figure B-1 |




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING PIPING CHAMBER OF PW-7 TO PW-6 (TOP VIEW) SET CHAMBER AS WELL AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-2 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-20-03 | Figure B-2 |



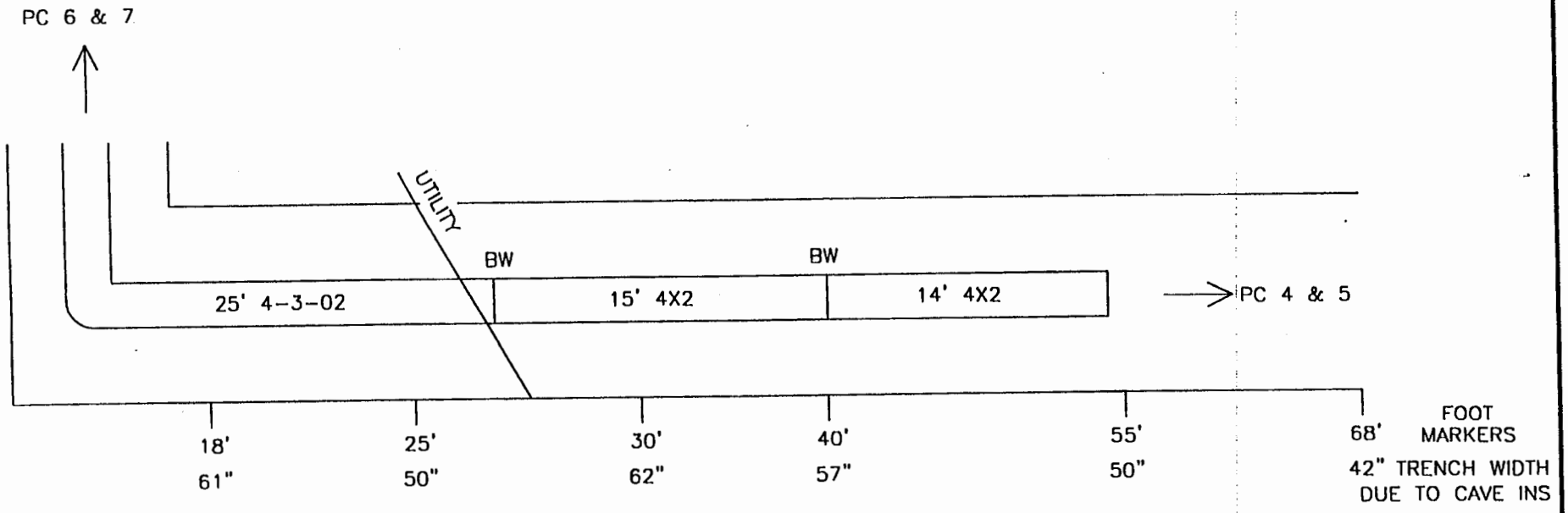

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING PIPING CHAMBER OF PW-7 TO PW-6 (SIDE VIEW) AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — 686 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-20-03 | Cad File: MRCB-3<br>Figure B-3 |




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING FROM PIPING CHAMBER 6 & 7 TO 90 IN LIBRARY PARKING LOT AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-20-03 | Cad File: MRCB-4<br>Figure B-4 |

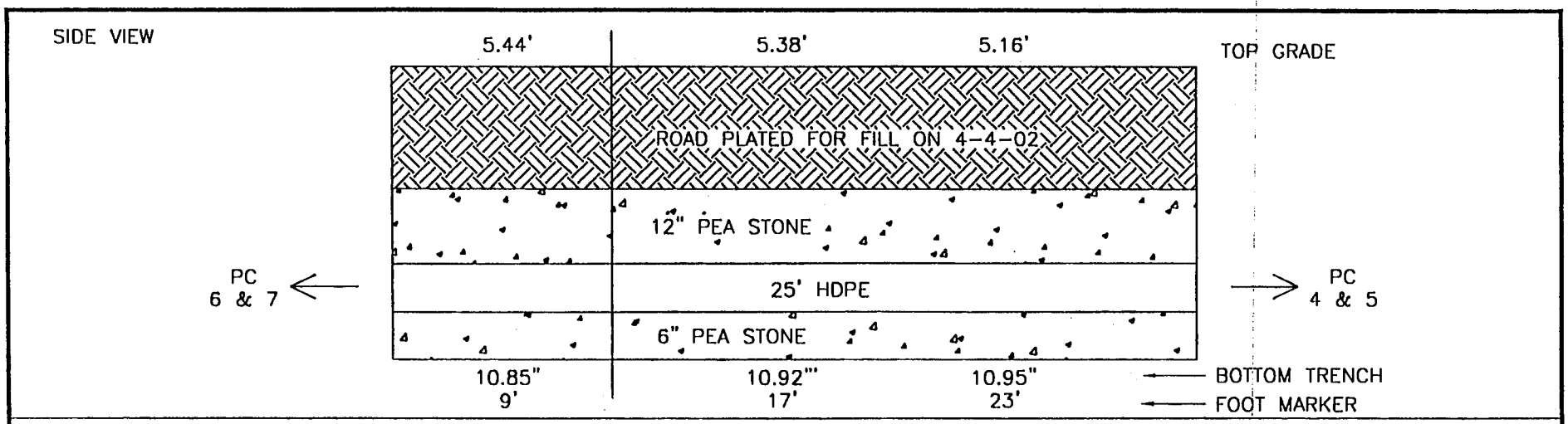
J-20

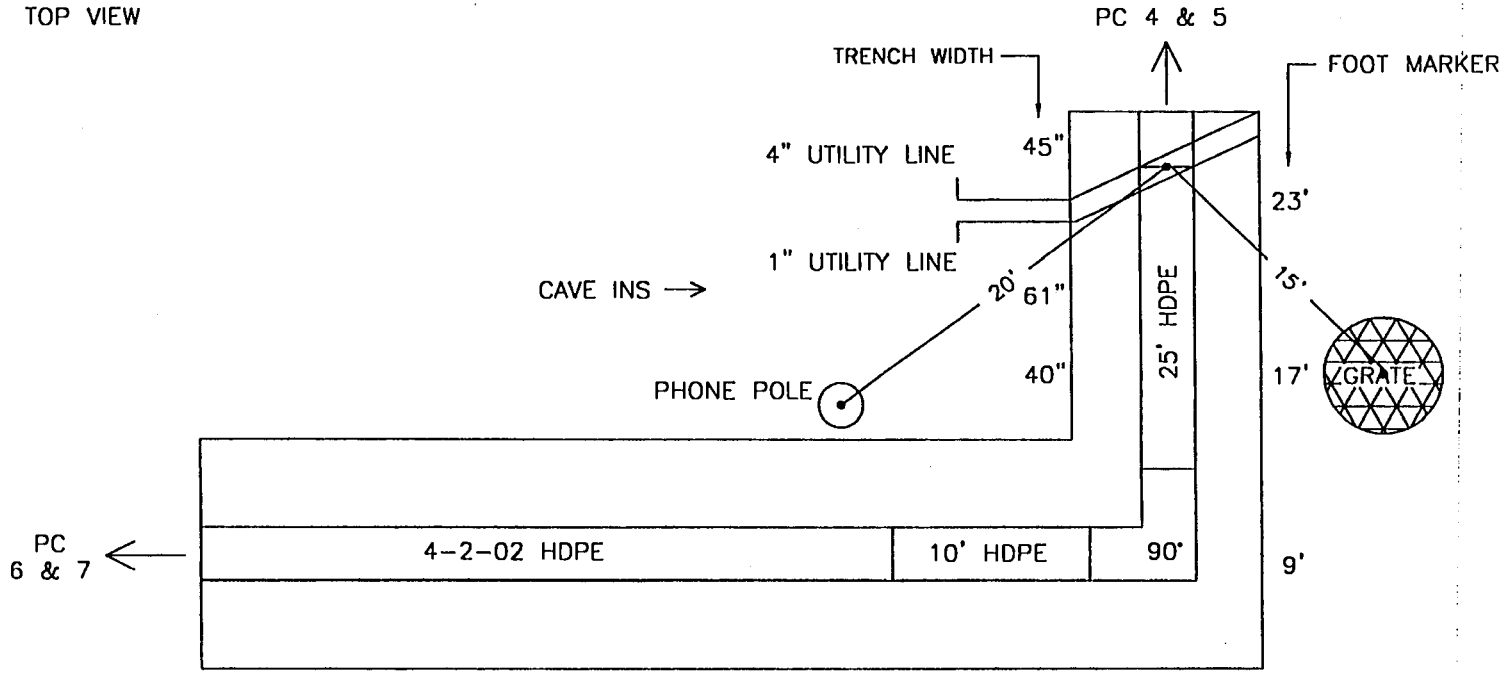
MEASURED WITH TAPE – 6" STONE UNDER PIPE
12" STONE ON TOP OF PIPE
CONDUIT 2' DOWN
MARKER TAPE 1' DOWN
TRENCH 5'–6" DEEP



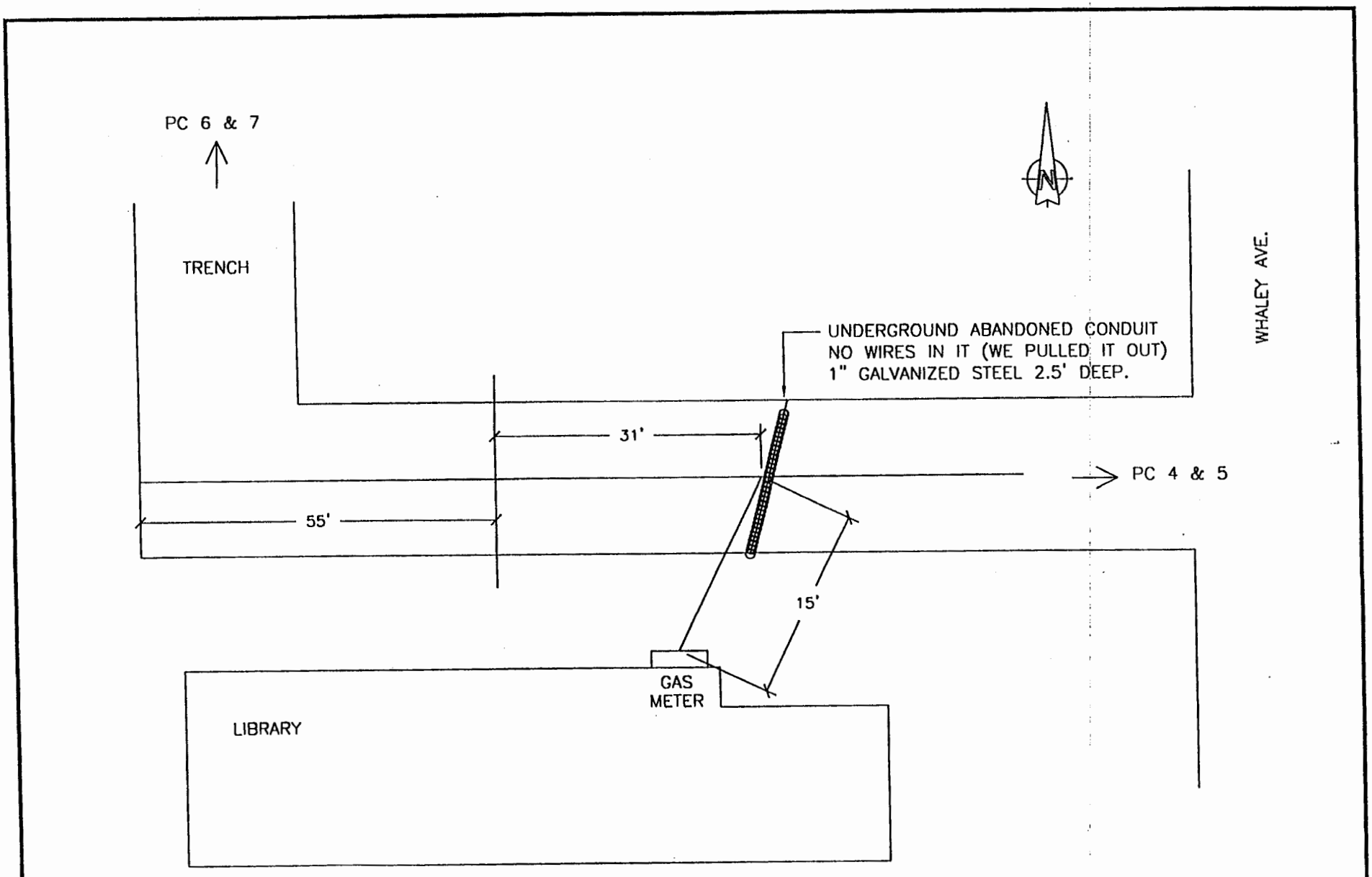

BW = BUTT WELD

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING FROM 90 TO PIPING CHAMBER OF 4 & 5 AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-20-03 | Cad File: MRCB-5<br>Figure B–5 |

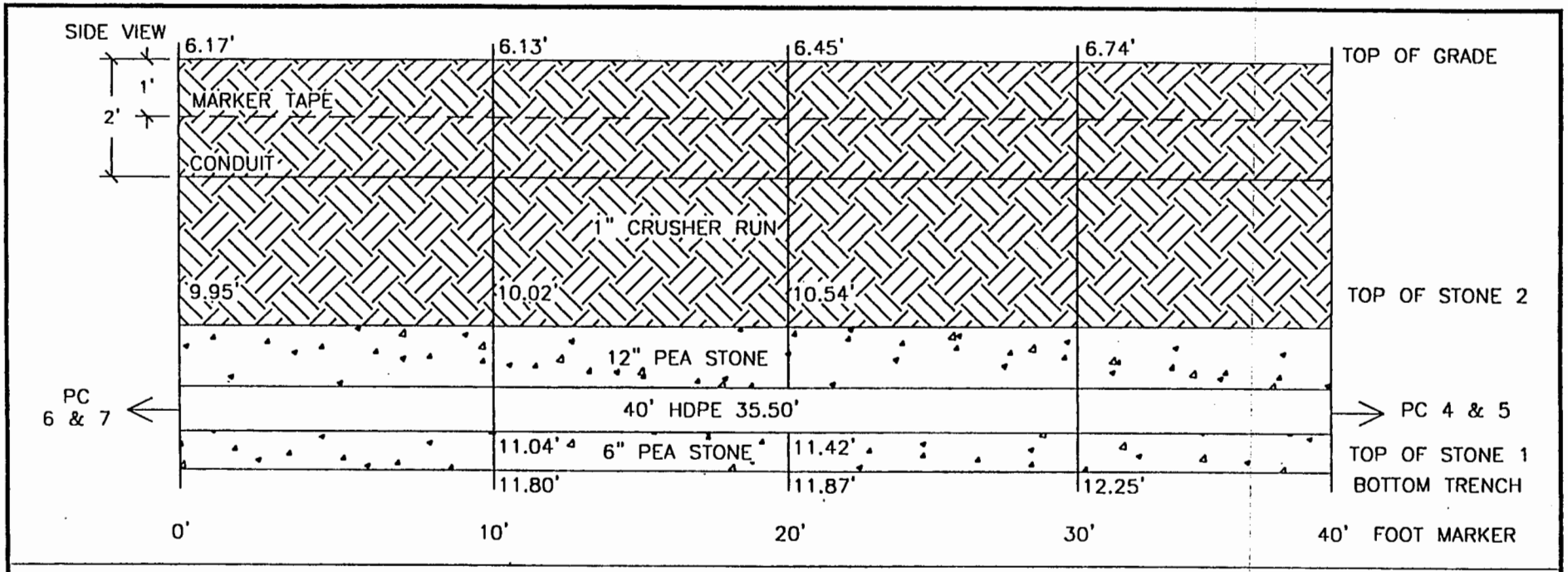


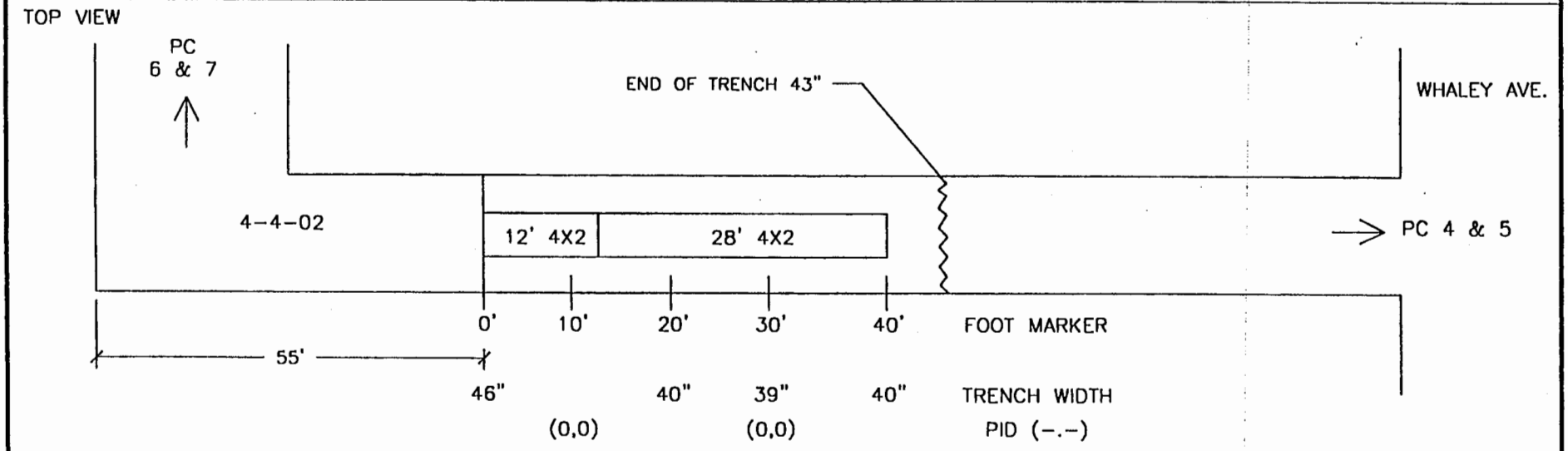




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING FROM 90 TO PIPING CHAMBER 4 & 5 AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-6 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-20-03 | Figure B-6 |

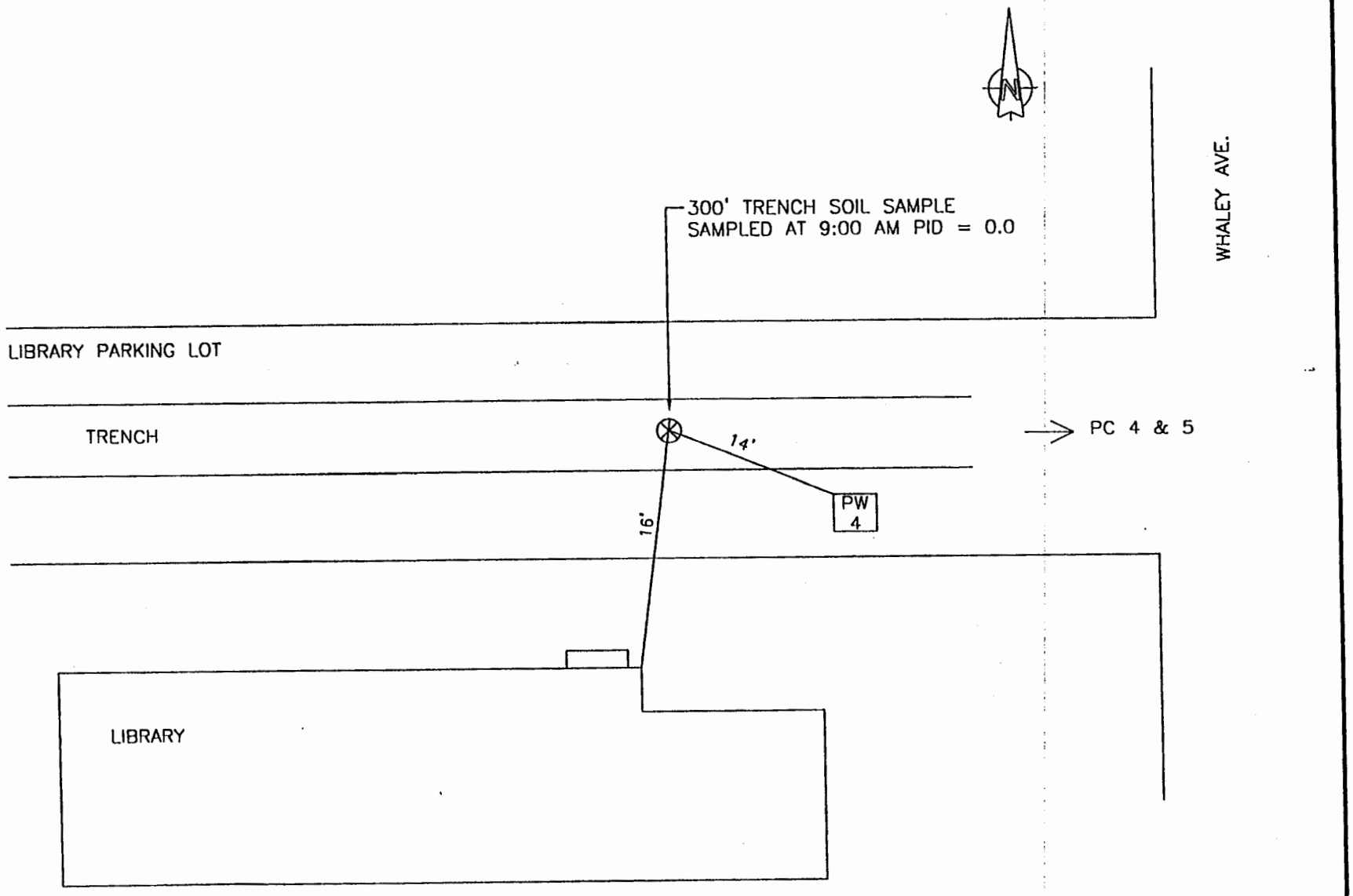



| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | ABANDONED CONDUIT AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-7 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-20-03 | Figure B-7 |

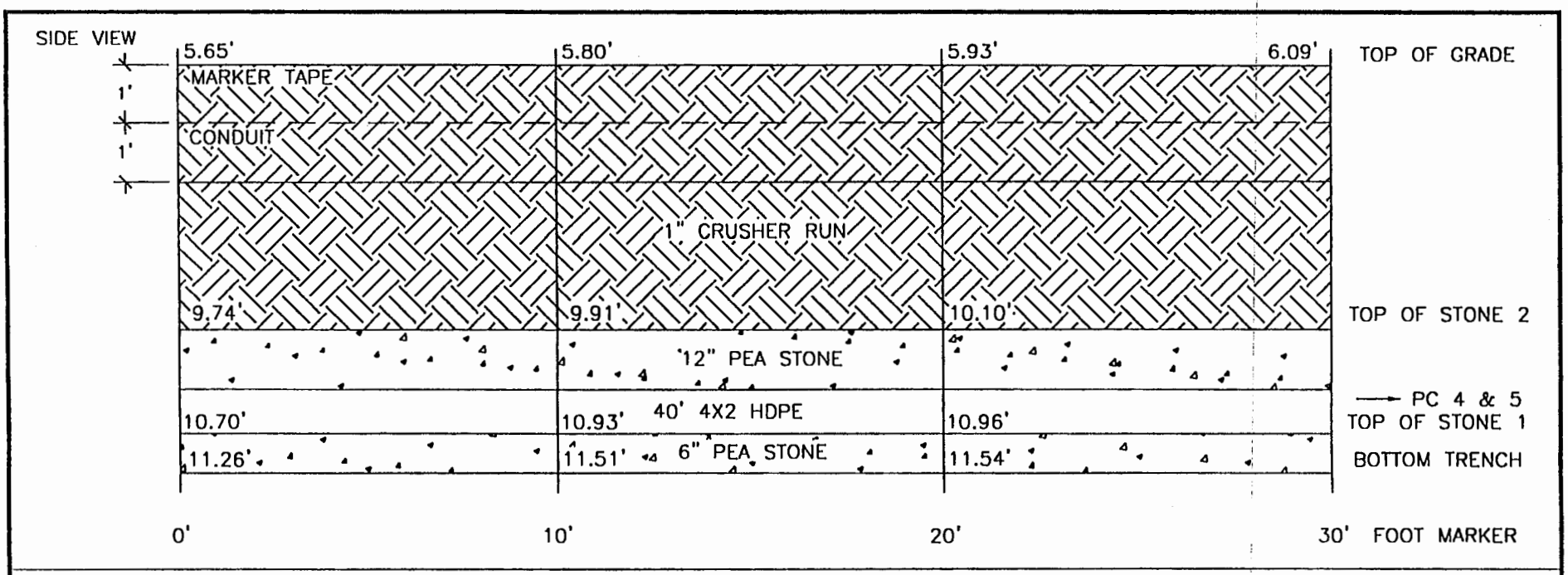


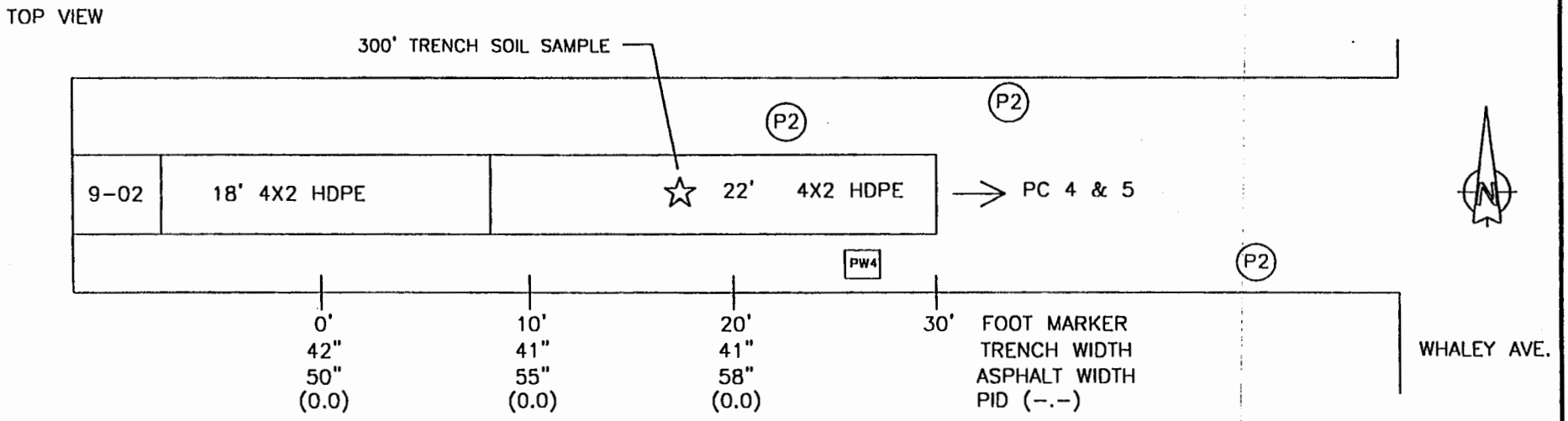




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING BY LIBRARY TOWARDS WHALEY AVE. AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-8 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-20-03 | Fi e B-8 |



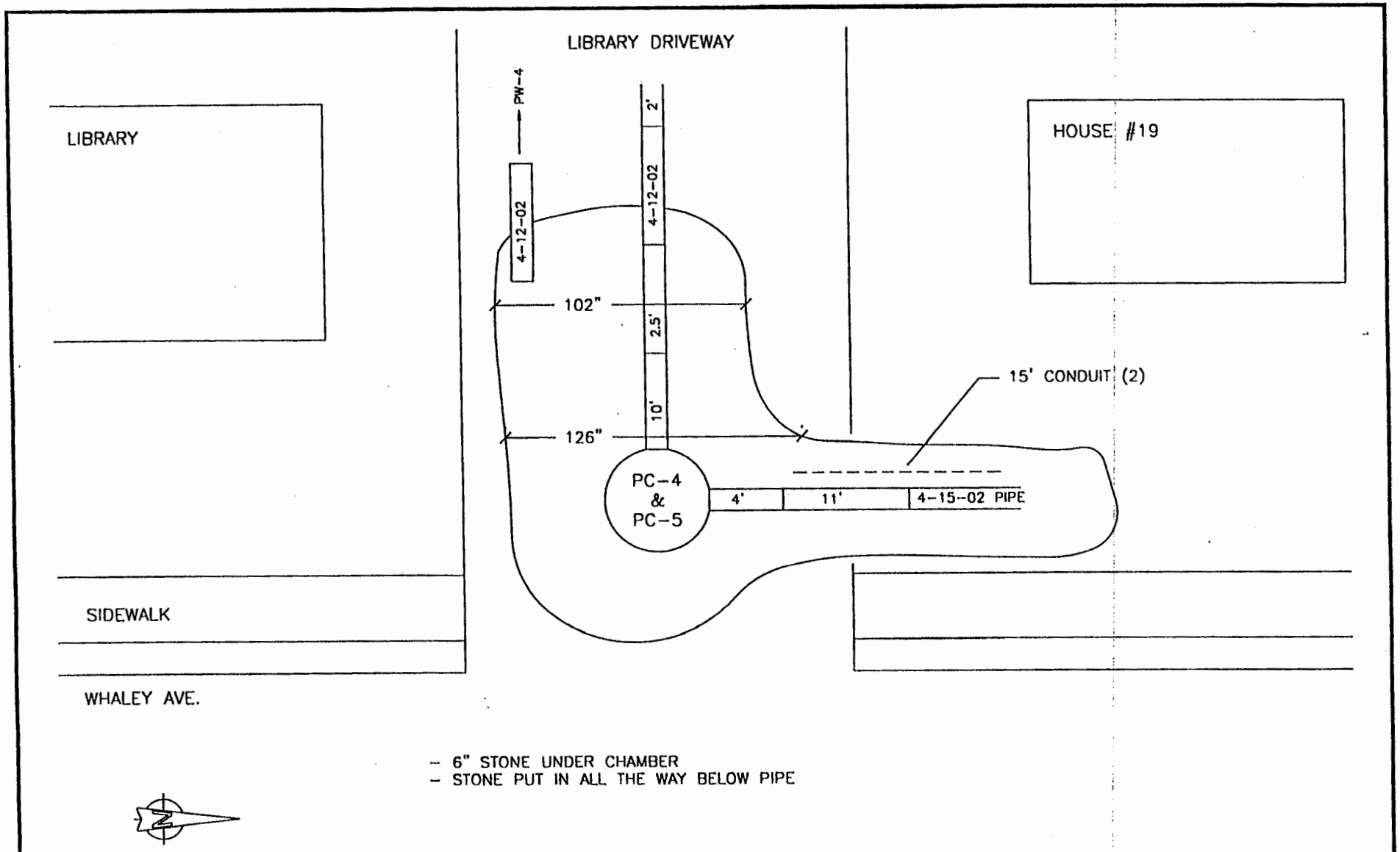

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | 300' TRENCH SOIL SAMPLE AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-9 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-20-03 | Figure B-9 |



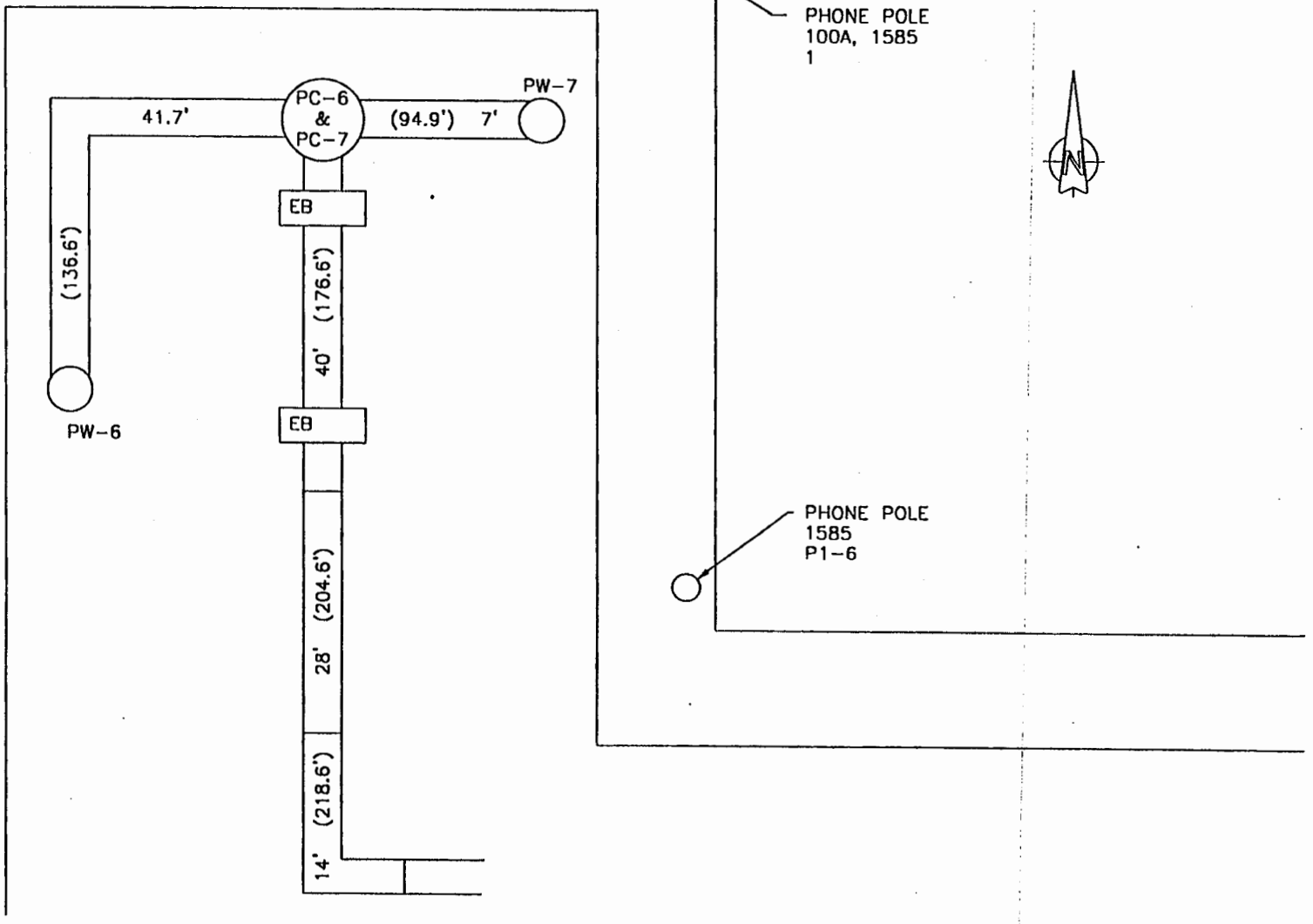

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING ALONG LIBRARY TO WHALEY AVE. AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-10 |
| | MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. — Date: 8-20-03 | Fig B-10 |

J-26



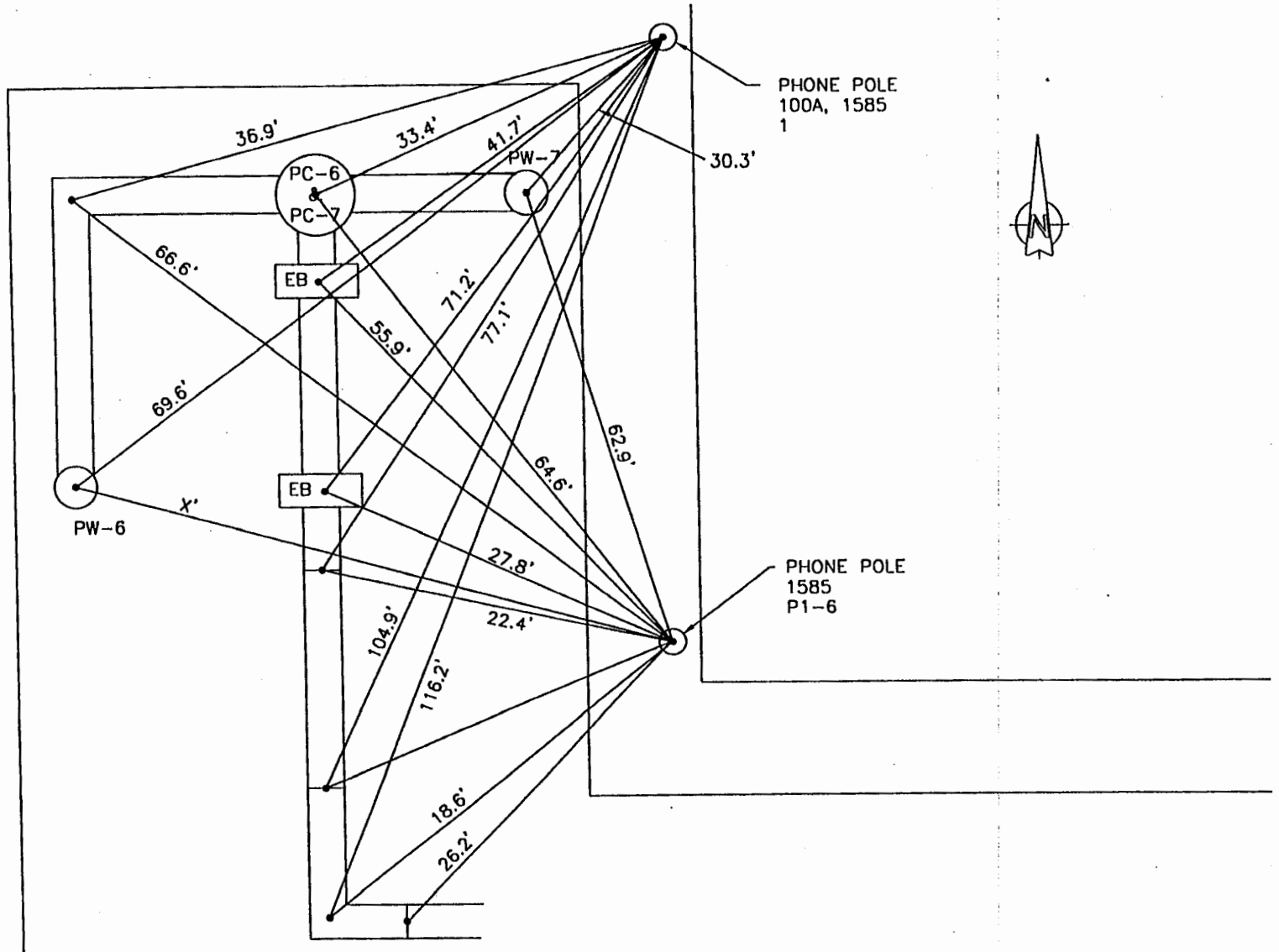

- 6" STONE UNDER CHAMBER
- STONE PUT IN ALL THE WAY BELOW PIPE

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PIPING CHAMBER 4 & 5 AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-11 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-18-03 | Figure B-11 |

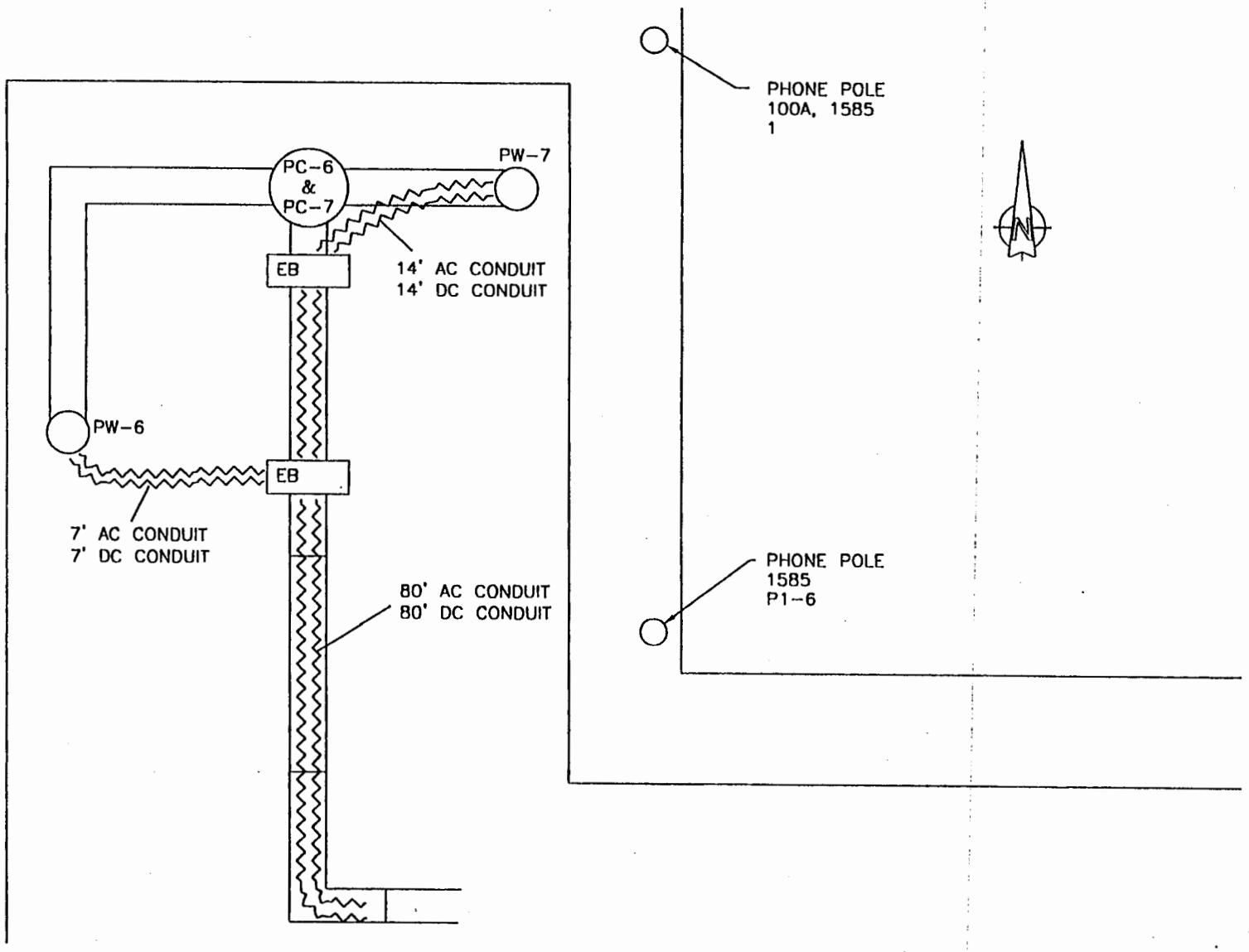



| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | HDPE PIPE LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-12 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-18-03 | Fi[illegible] B-12 |

J-28




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-6 AND PC-7 HDPE PIPE LOCATIONS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-13 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 6-18-03 | Figure B-13 |



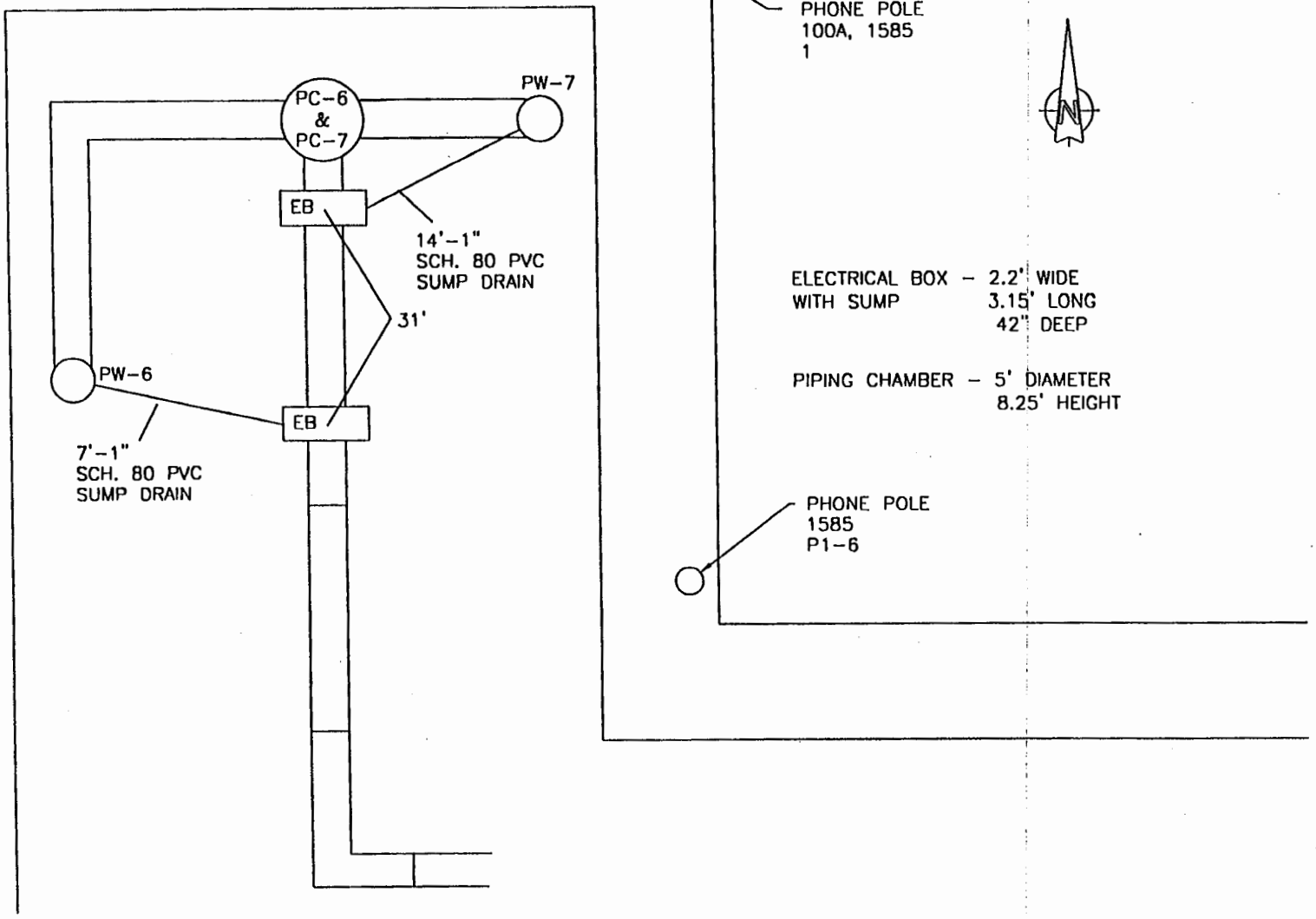

Tyree Organization Ltd.
Latham, New York

# PC-6 AND PC-7 CONDUIT LENGTHS AS RECORDED

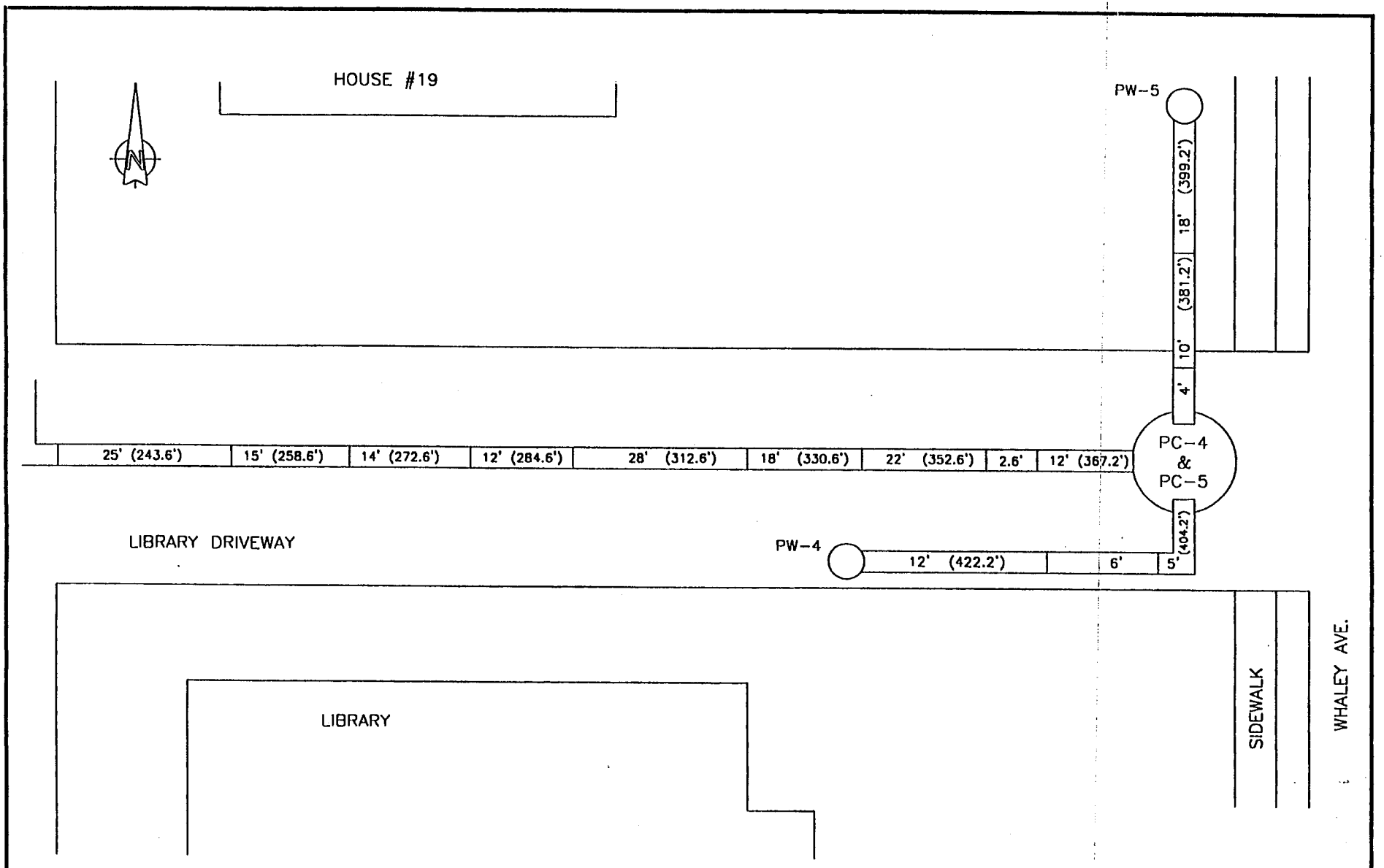
MR. C'S DRY CLEANERS
REMEDIATION PROJECT

586 MAIN STREET
EAST AURORA, NEW YORK

| | | |
|---|---|---|
| Checked by: D. PACHAN | | Cad File: MRCB-14 |
| Drawn by: FJF/Adecco | | |
| Scale: N.T.S. | Date: 8-18-03 | Figure B-14 |

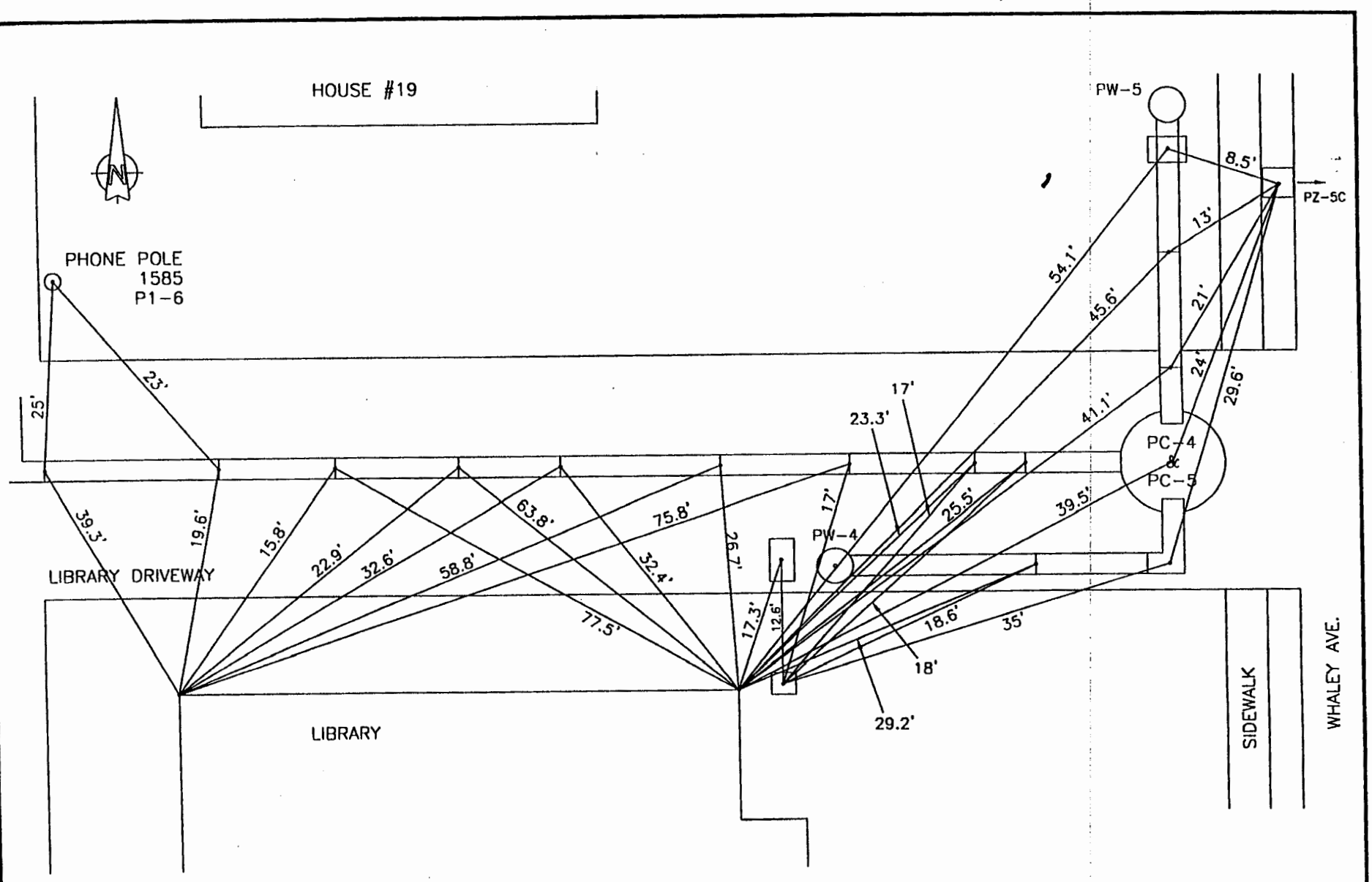



| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-6 AND PC-7 ELECTRICAL SUMP DRAIN AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-15 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-18-03 | Figure B-15 |

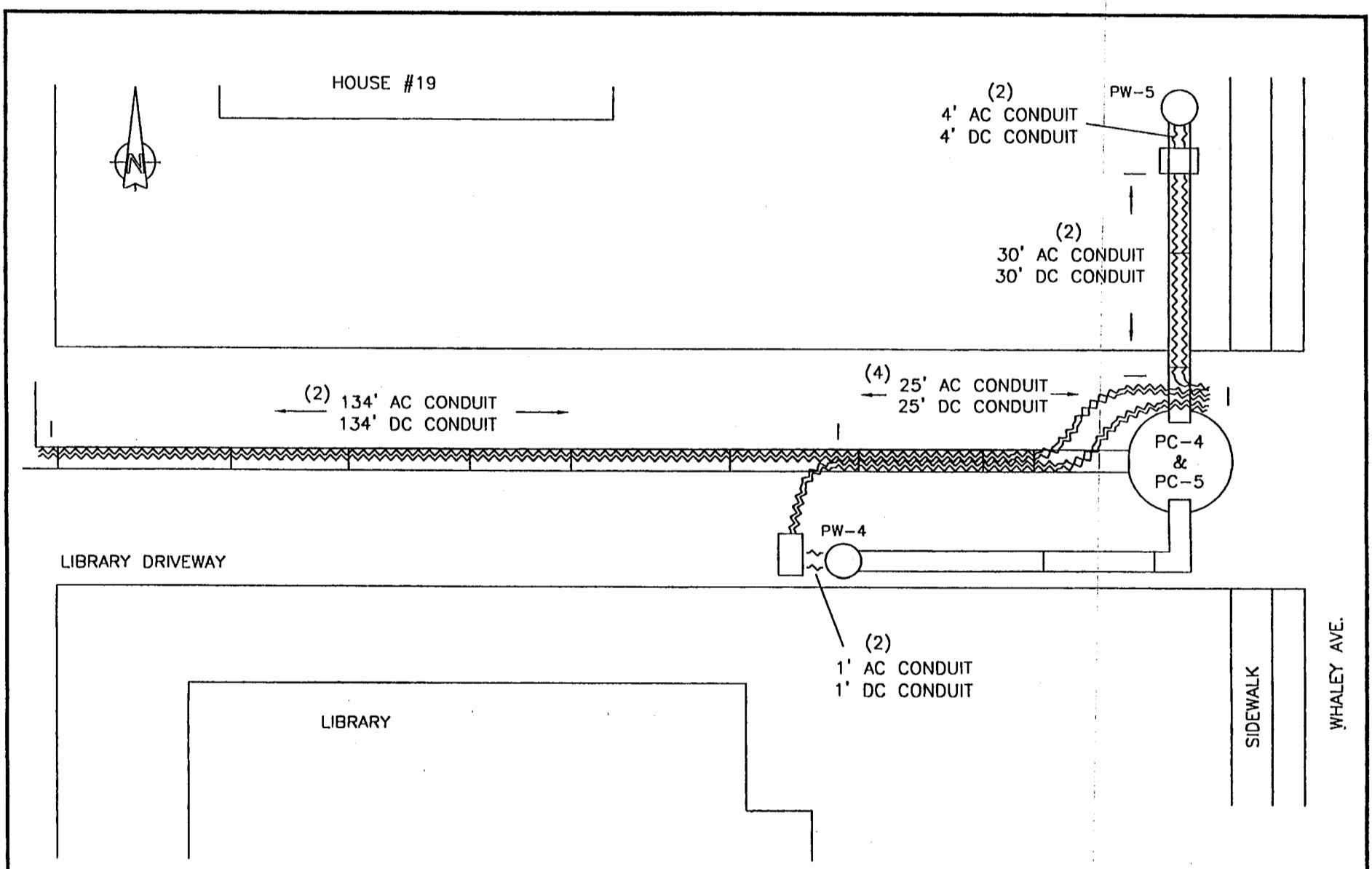



| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-4 AND PC-5 HDPE PIPE LENGTHS 4x2 AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-16 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-18-03 | Fi[illegible] B-16 |

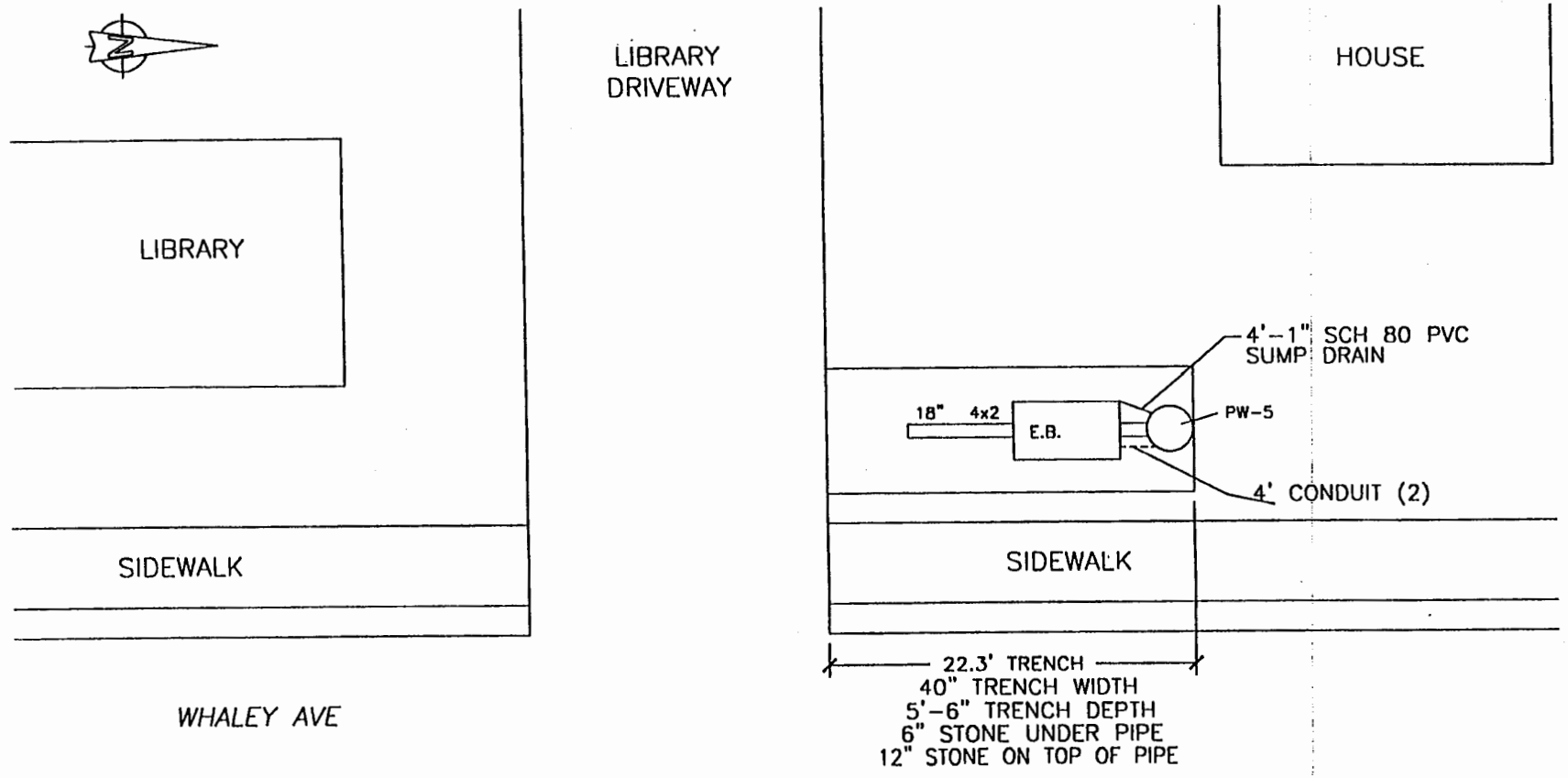
J-32




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-4 AND PC-5 HDPE PIPE LOCATIONS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-17 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-18-03 | Figure B-17 |



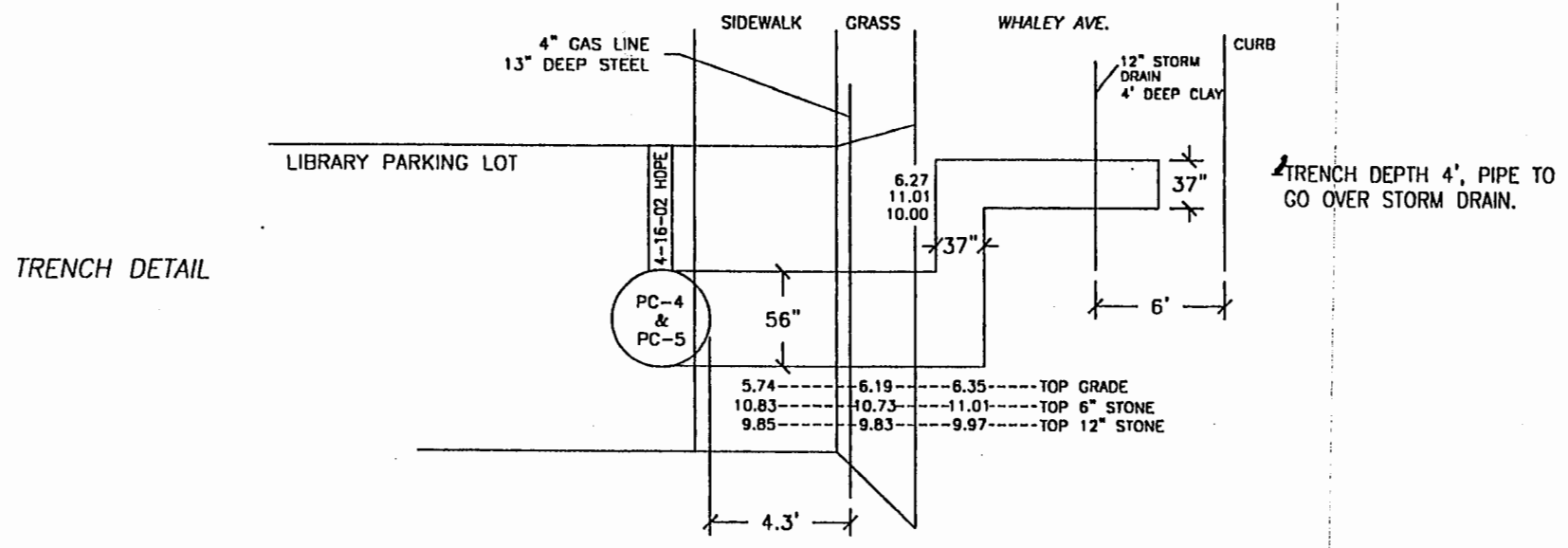

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-4 AND PC-5 CONDUIT LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCB-18 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-18-03 | Figure B-18 |



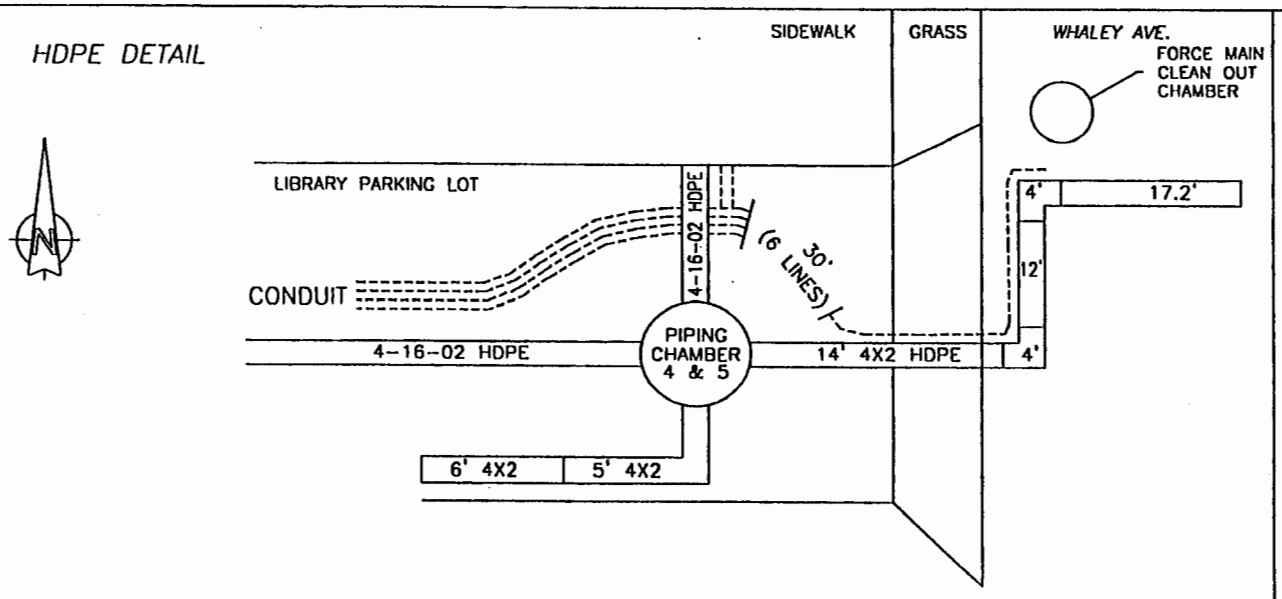

NOT MANY TREE ROOTS WERE ENCOUNTERED DURING EXCAVATING.

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCH TO PW-5 & E.B. AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-1 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-18-03 | Figure C-1 |

## TRENCH DETAIL




## HDPE DETAIL



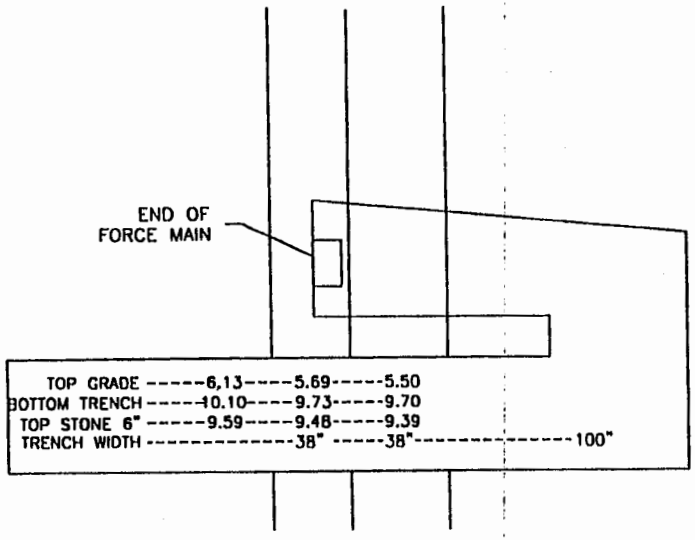

- CONCRETE APRON THAT WAS REMOVED 64"X64".
- CONCRETE SIDEWALK THAT NEEDS TO BE REPLACED 200"X47".
- DAMAGED THE STORM DRAIN WHILE EXCAVATING. IT WAS FIXED WITH FERNCO AND PLASTIC PIPE. DPW WAS NOTIFIED.

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | TRENCHING ACROSS WHALEY AVE. AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-18-03 | Cad File: MRCC-2<br>Fig. C-2 |

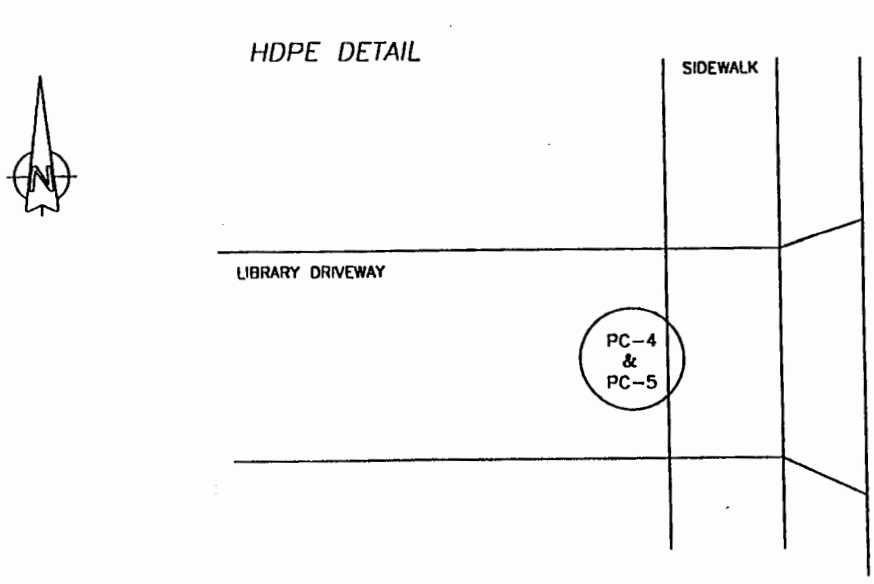
J-36

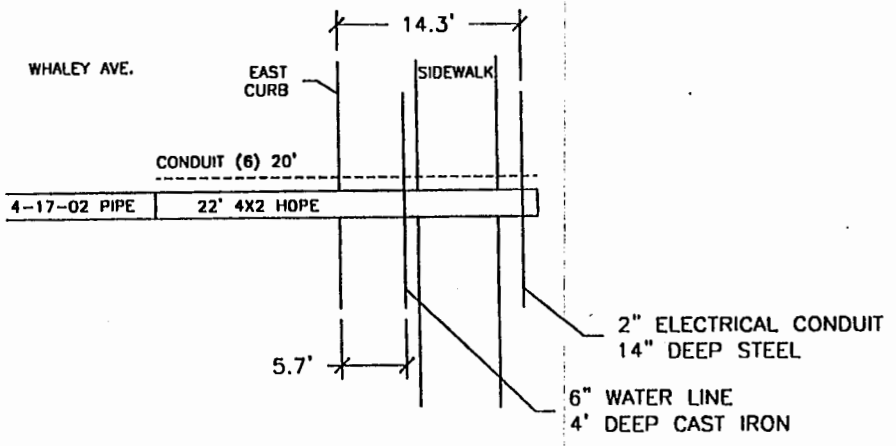
J-37

## TRENCH DETAIL

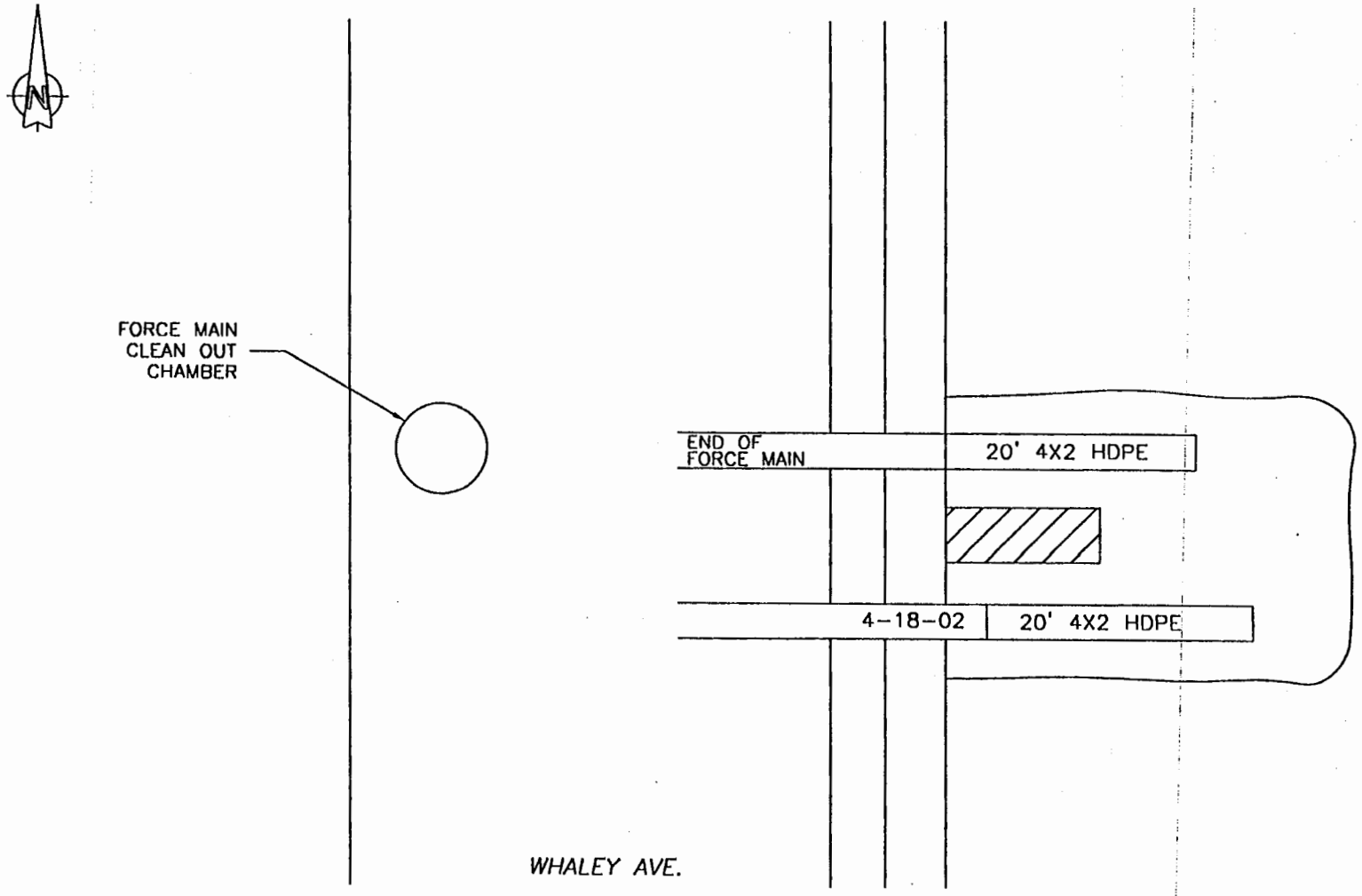



## HDPE DETAIL

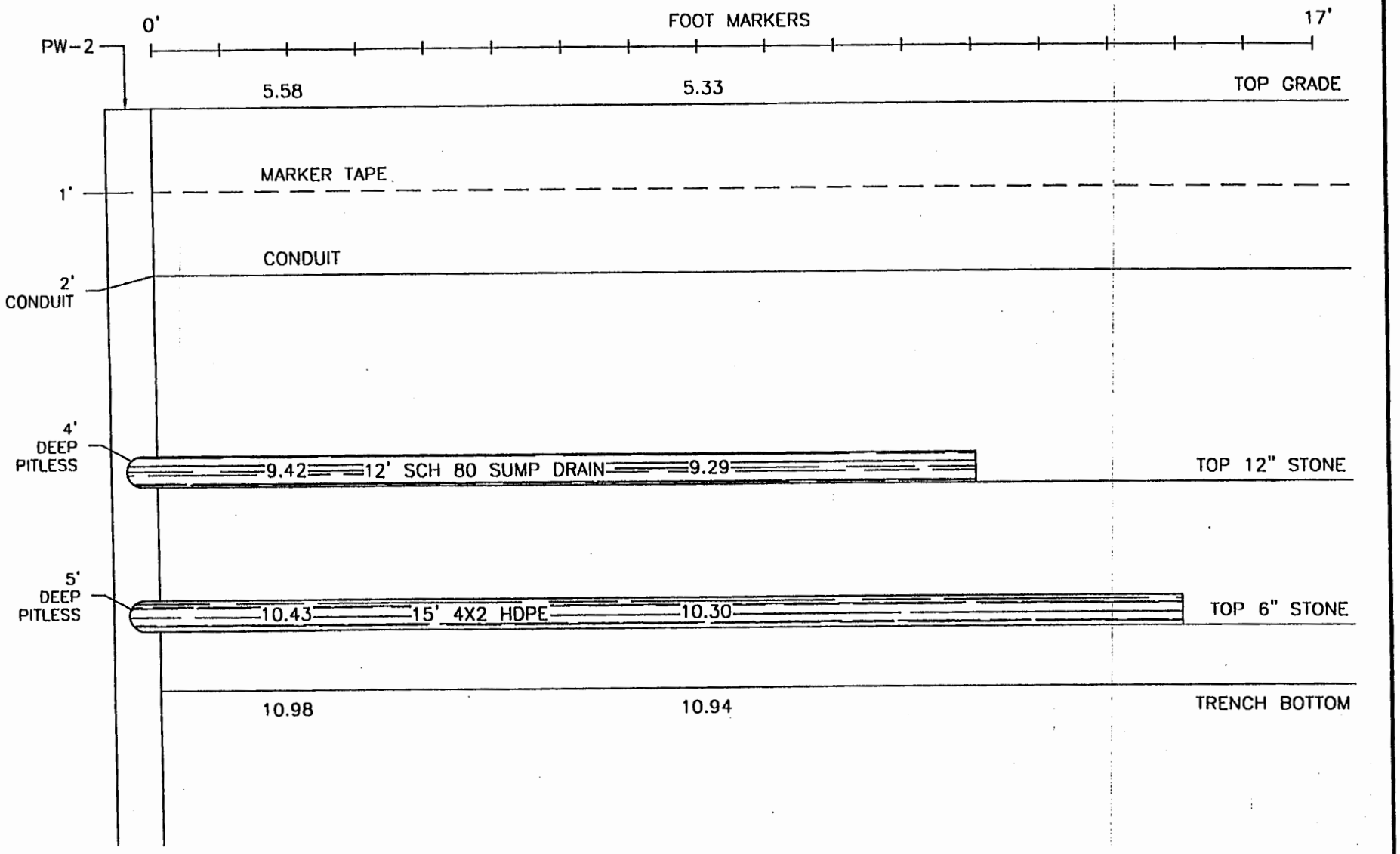


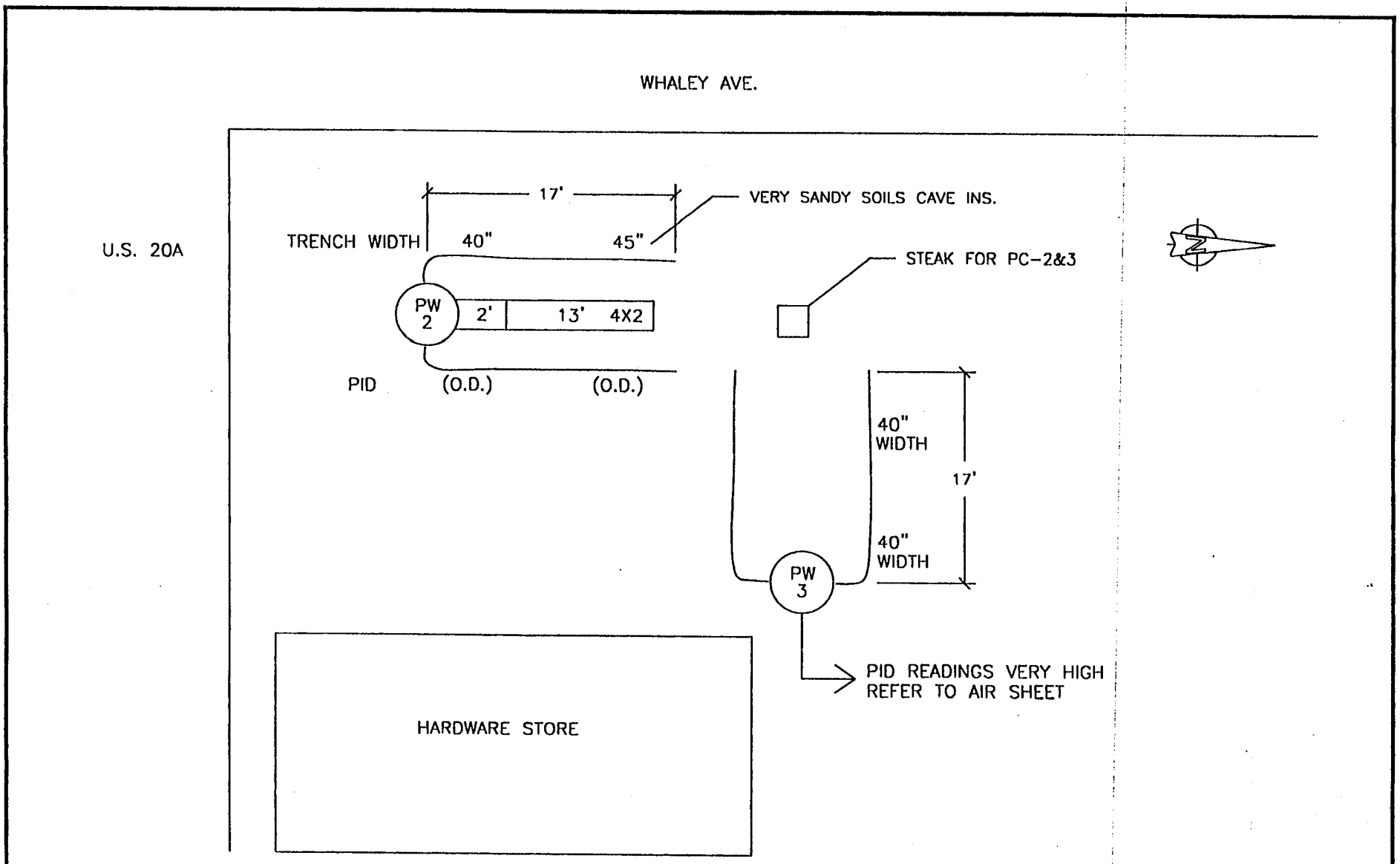

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | FINISH WHALEY AVE. TRENCH AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-3 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-18-03 | Figure C-3 |




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| Tyree Organization Ltd. Latham, New York | TRENCH EAST SIDE OF WHALEY AVE. CURB AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-4 |
| | MR. C'S DRY CLEANERS REMEDIATION PROJECT — 686 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. — Date: 8-18-03 | Figure C-4 |




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| Tyree Organization Ltd. Latham, New York | TRENCH DETAIL PW-2<br>AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-18-03 | Cad File: MRCC-5<br>Figure C-5 |




Tyree Organization Ltd.
Latham, New York

TRENCHING PW-2 & PW-3
AS RECORDED

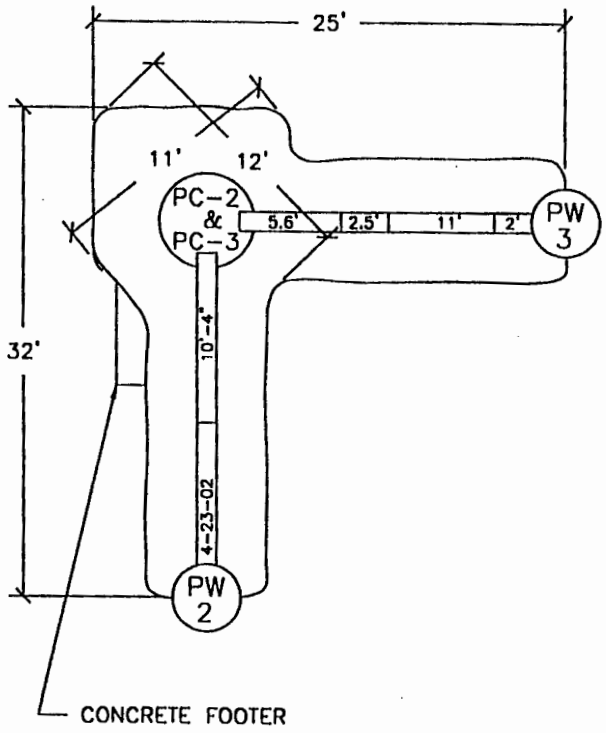
MR. C'S DRY CLEANERS
REMEDIATION PROJECT

586 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN
Drawn by: FJF/Adecco
Scale: N.T.S.
Date: 8-18-03
Cad File: MRCC-6

Figure C-6

WHALEY AVE.

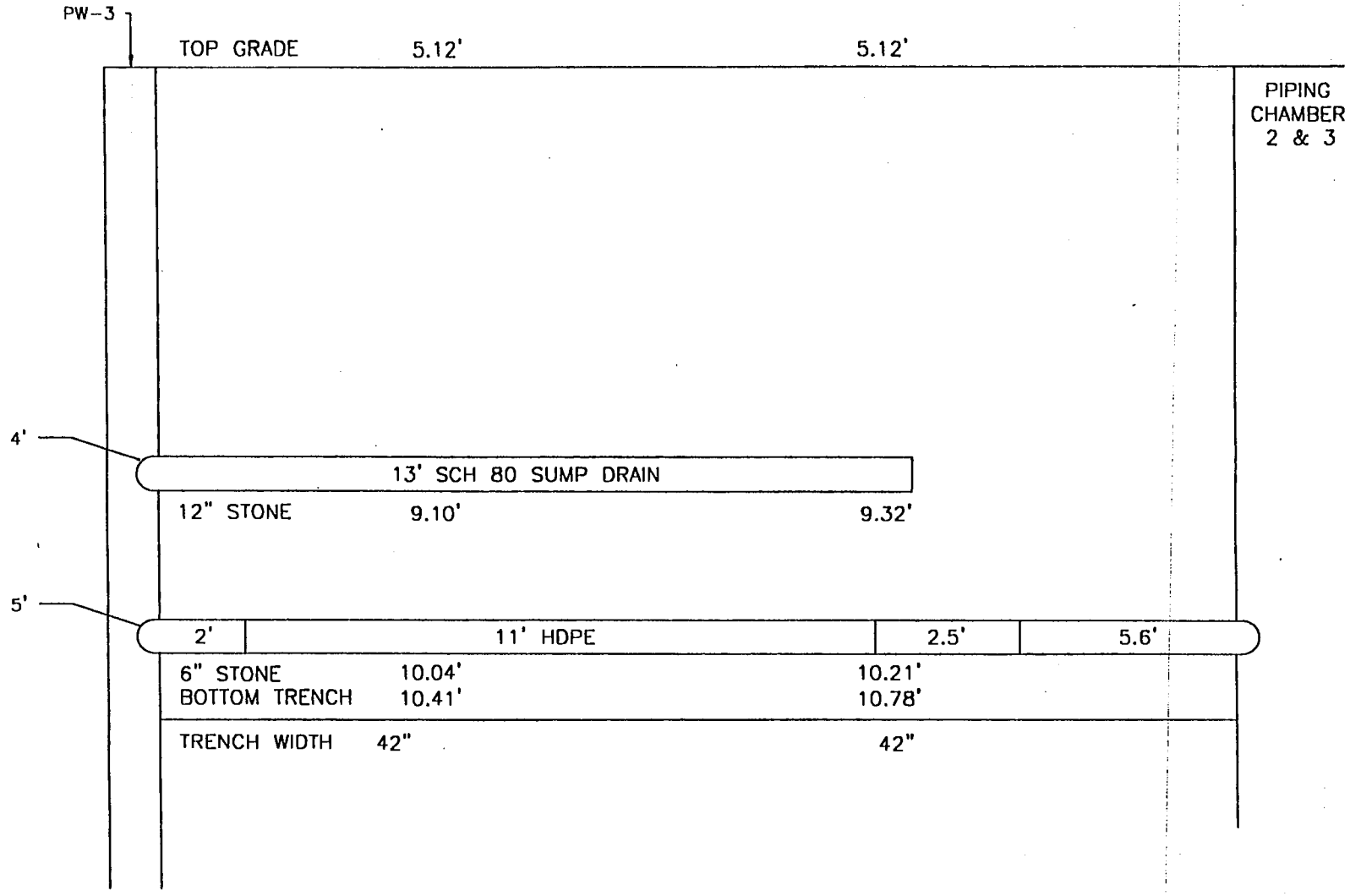



PIPING CHAMBER – 8'–4" TALL
DEPTH OF HOLE – 9'
6" STONE UNDER P.C.

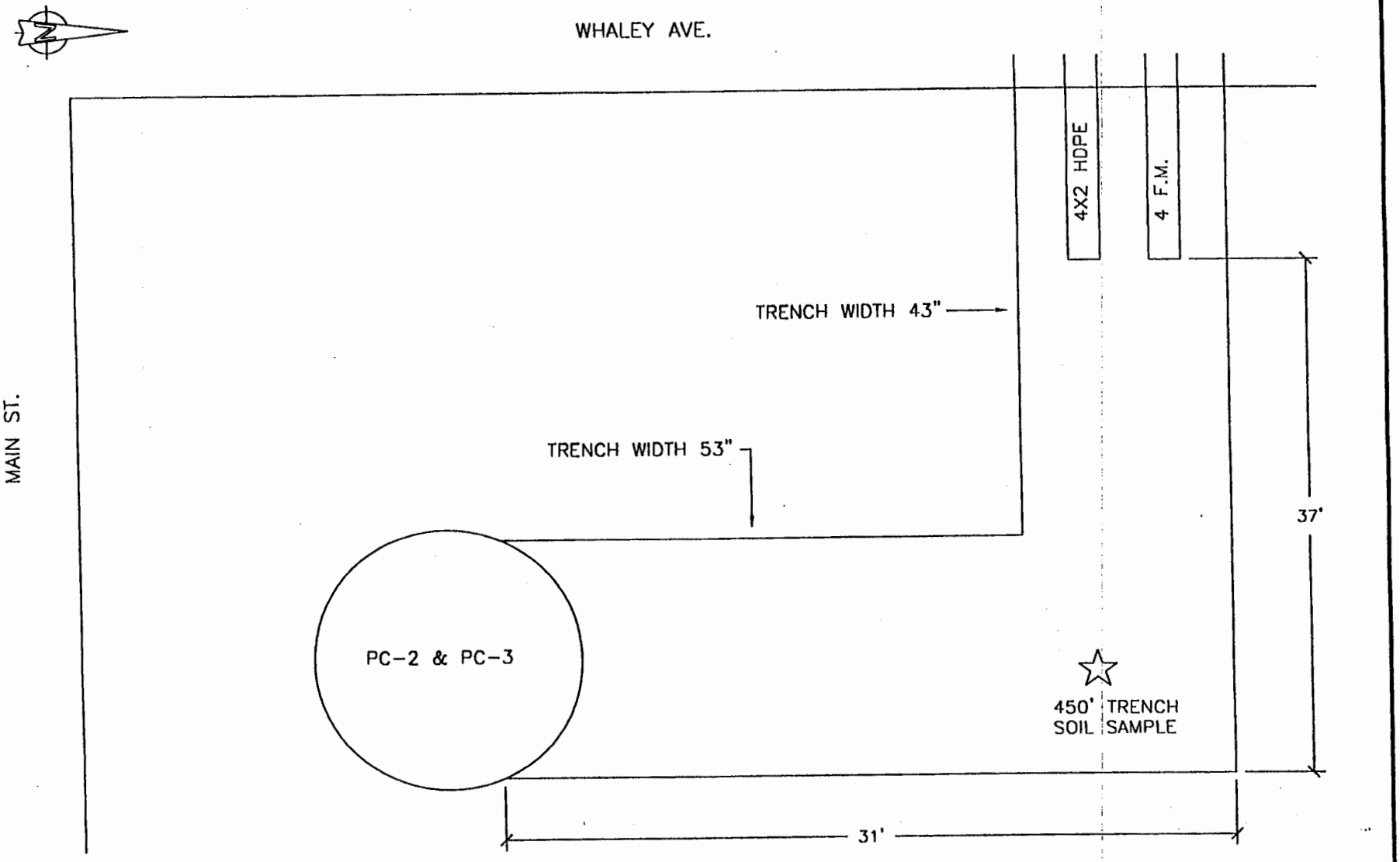
N

HARDWARE STORE

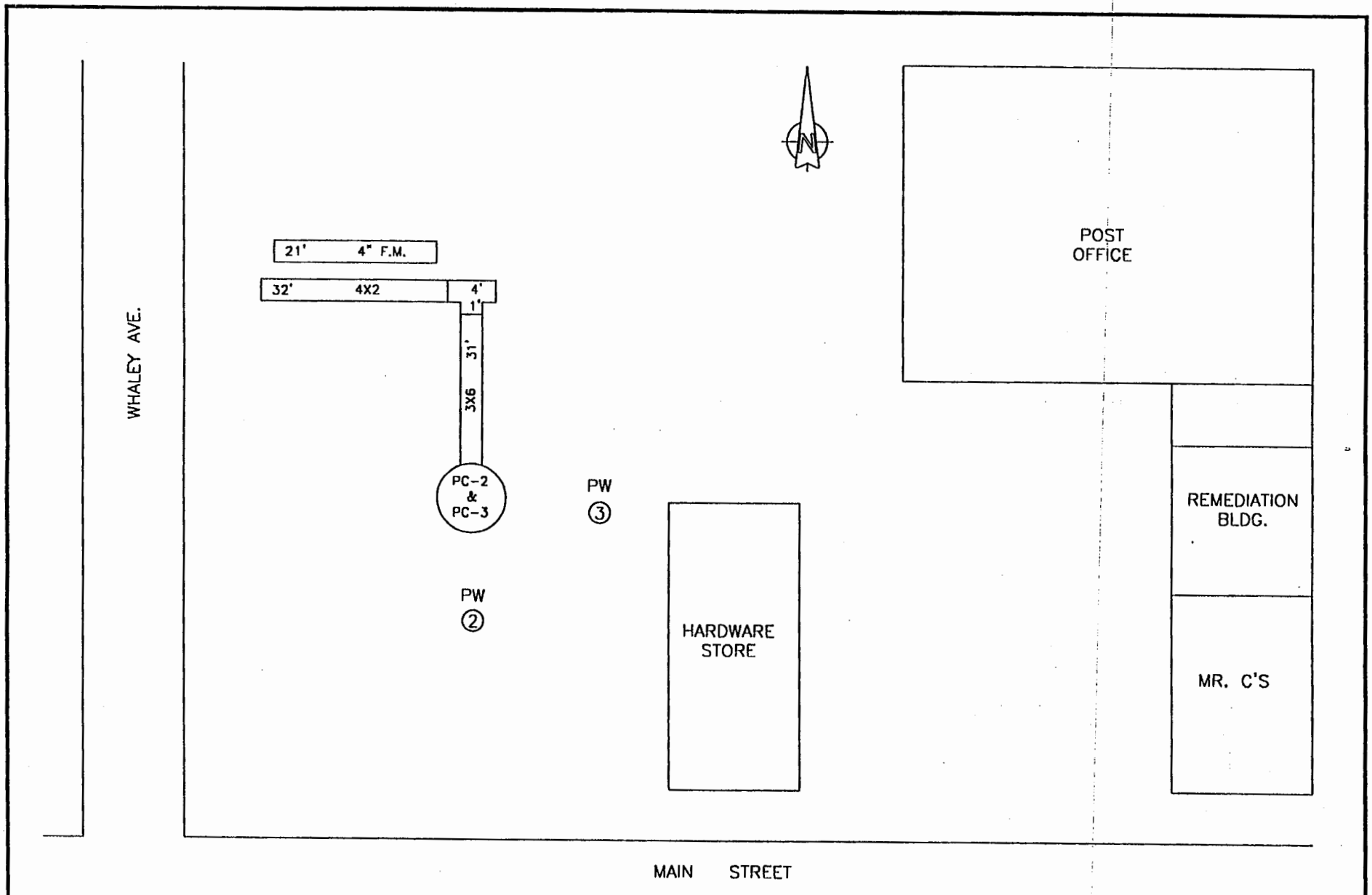
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| Tyree Organization Ltd. Latham, New York | PC–2 & PC–3 TRENCH AND PIPING CHAMBER AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC–7 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8–18–03 | Figure C–7 |



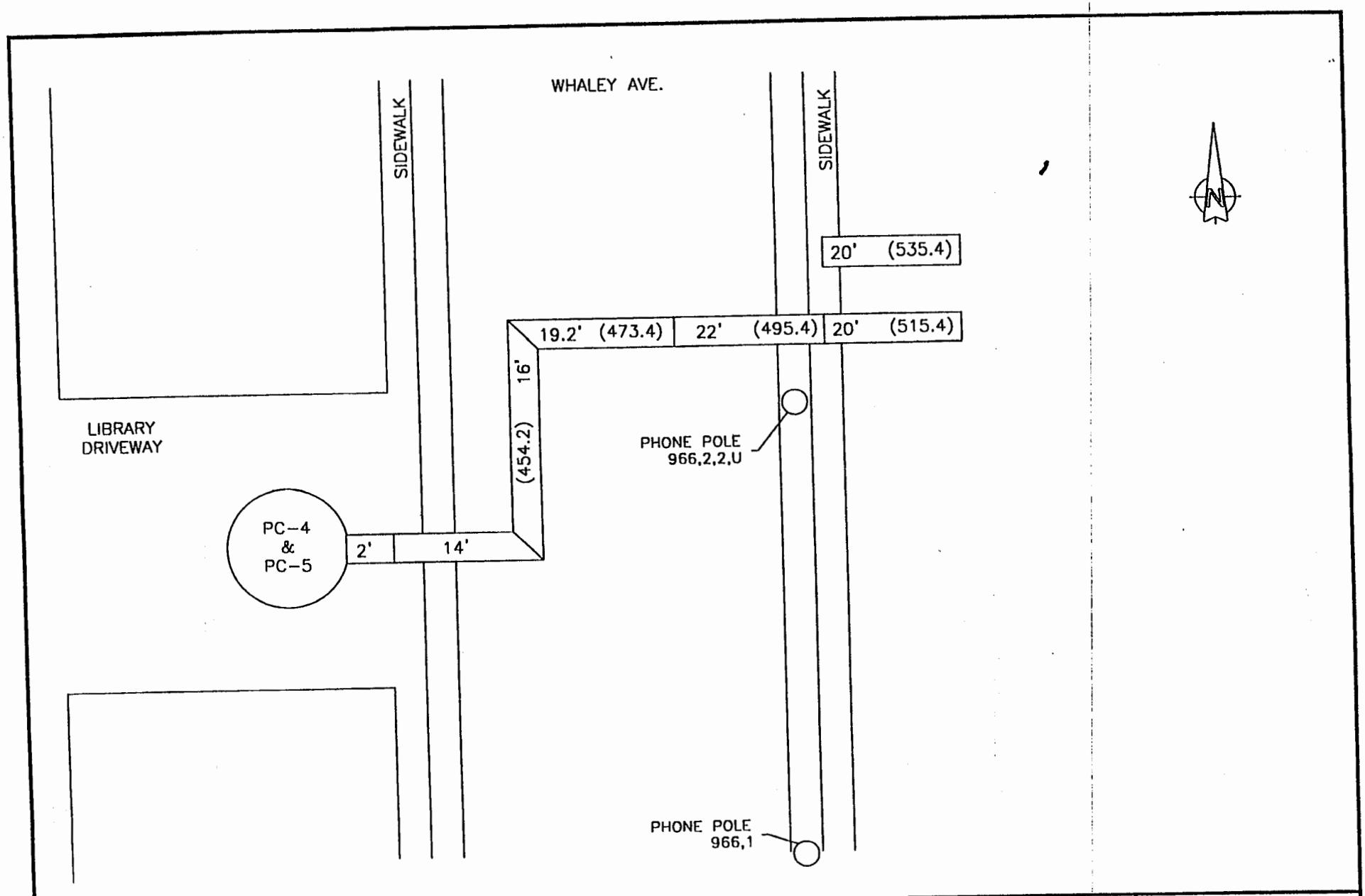

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| Tyree Organization Ltd. Latham, New York | PW-3 TRENCH AND PIPING CHAMBER AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-8 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-19-03 | Figure C-8 |



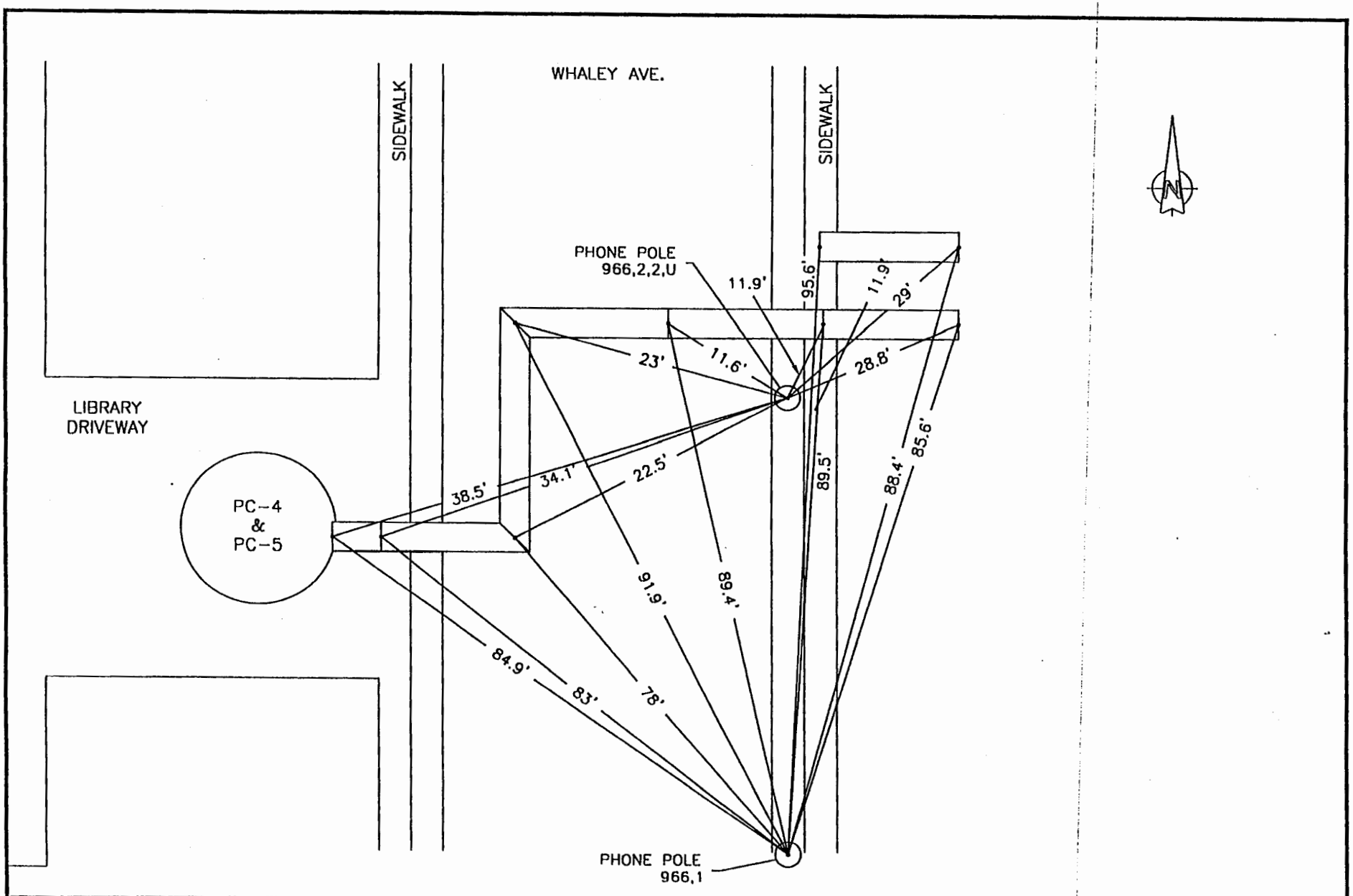

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| Tyree Organization Ltd. Latham, New York | TRENCH FROM PC-2 & 3 AND FROM WHALEY AVE TO T. ☆ 450' TRENCH SAMPLE AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-19-03 | Cad File: MRCC-9<br>Figure C-9 |



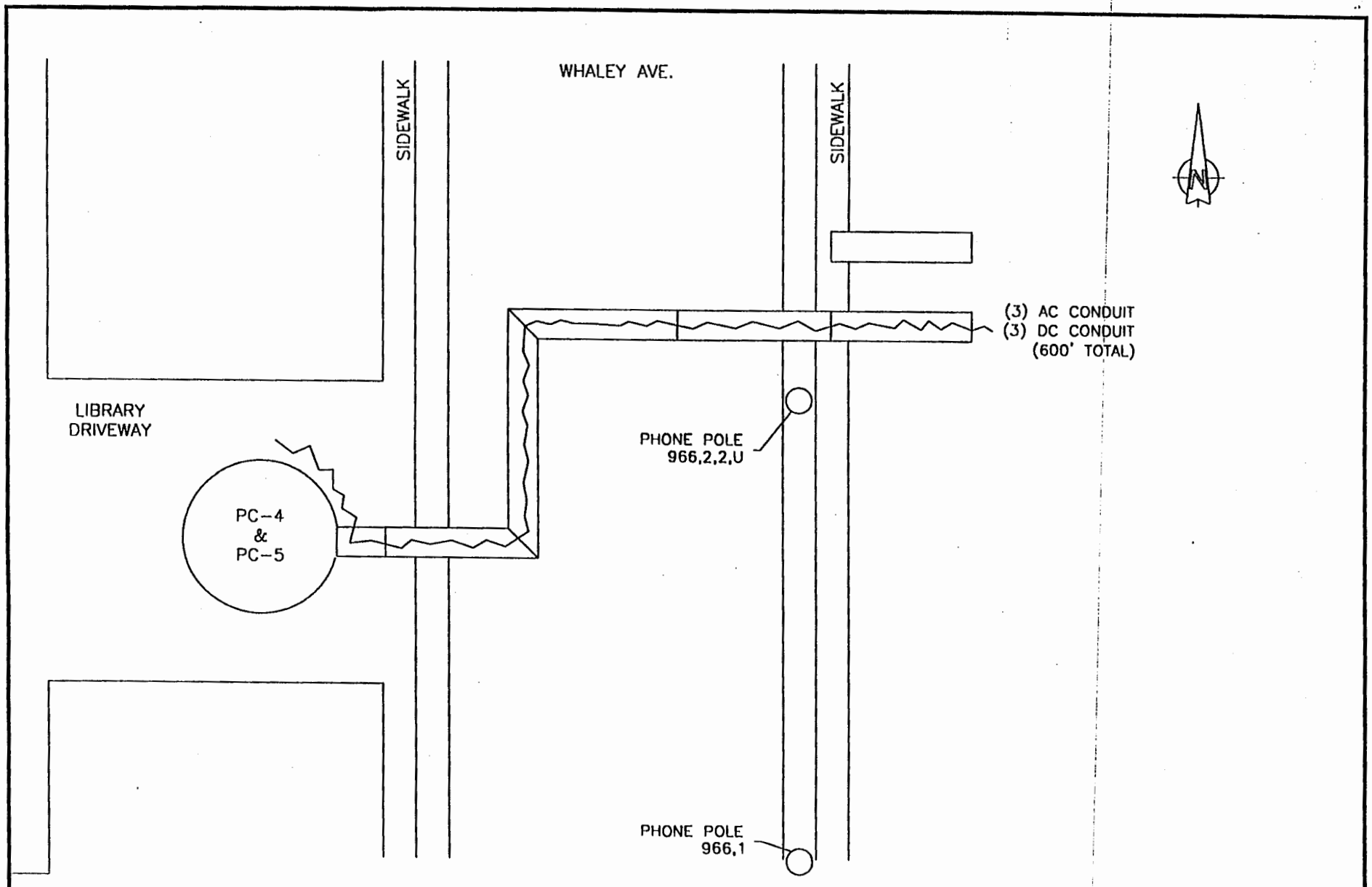

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| Tyree Organization Ltd. Latham, New York | PC-2 & PC-3 HDPE PIPE LENGTHS AS RECORDED<br>MR. C'S DRY CLEANERS REMEDIATION PROJECT<br>586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. Date: 8-19-03 | Cad File: MRCC-10<br>Figure C-10 |



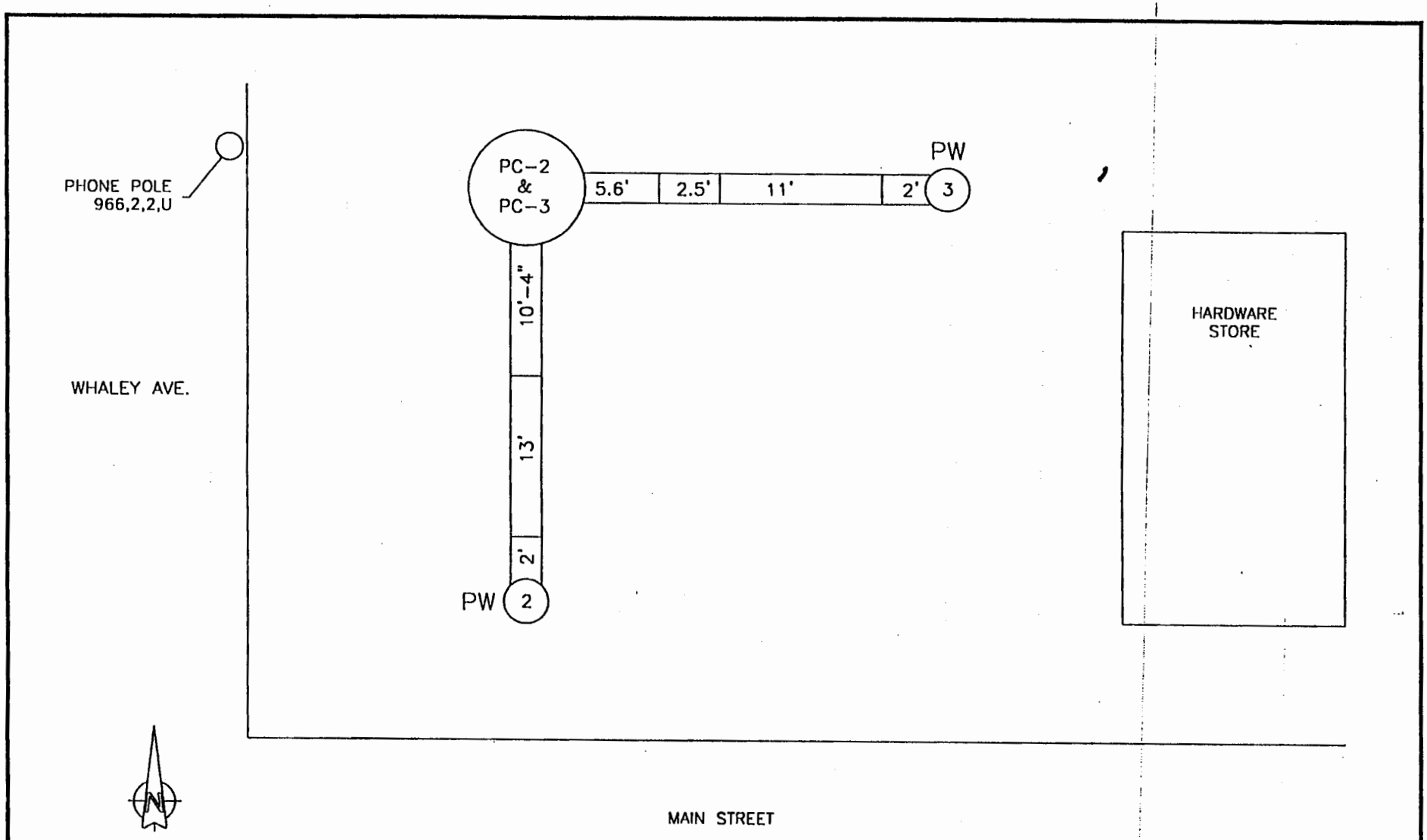

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| Tyree Organization Ltd. Latham, New York | HDPE PIPE LENGTHS 4X2<br>AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-11 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-19-03 | Figure C-11 |



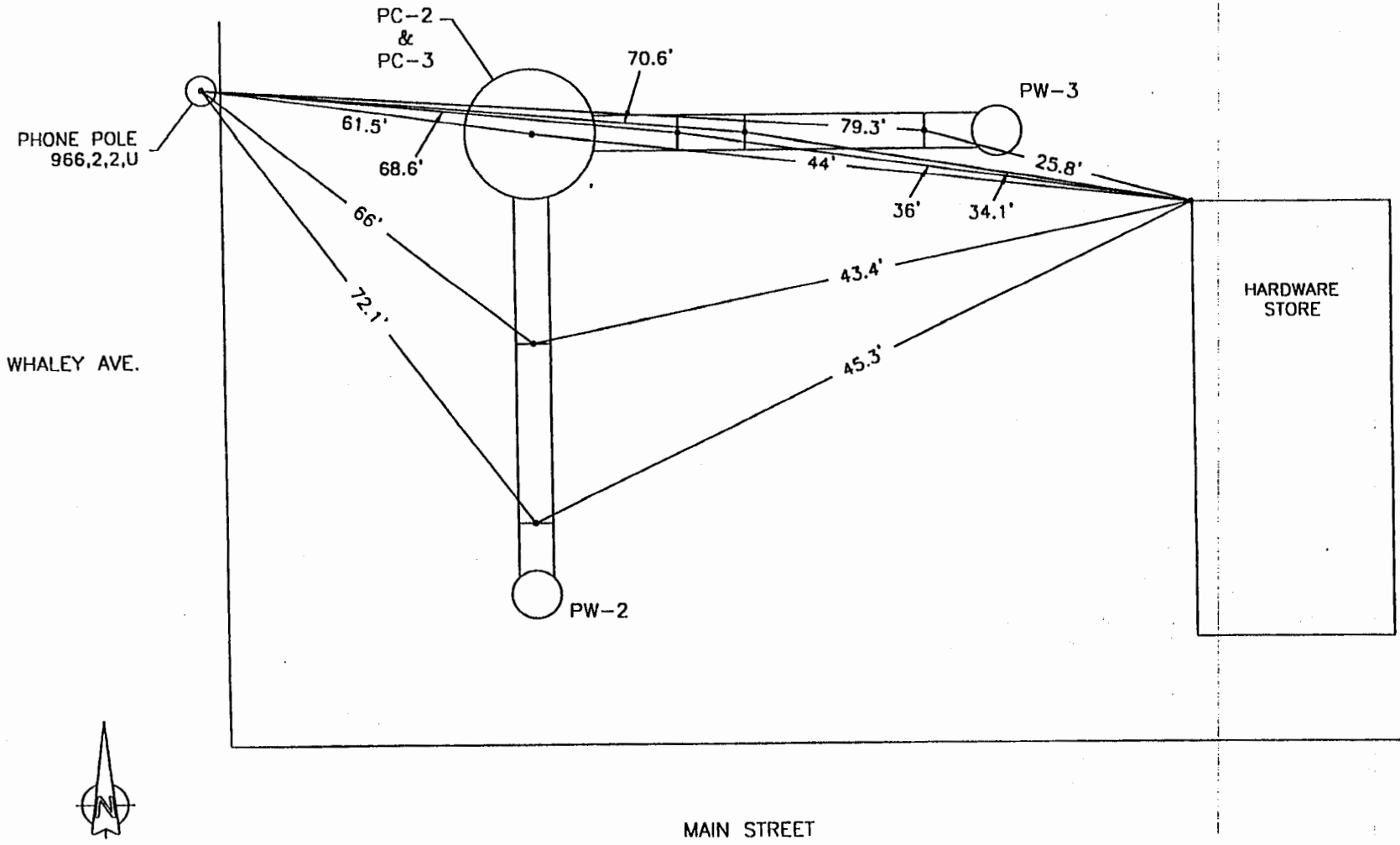

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| Tyree Organization Ltd. Latham, New York | HDPE PIPE LOCATIONS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-12 |
| | MR. C'S DRY CLEANERS REMEDIATION PROJECT | Drawn by: FJF/Adecco | |
| | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-19-03 | Figure C-12 |



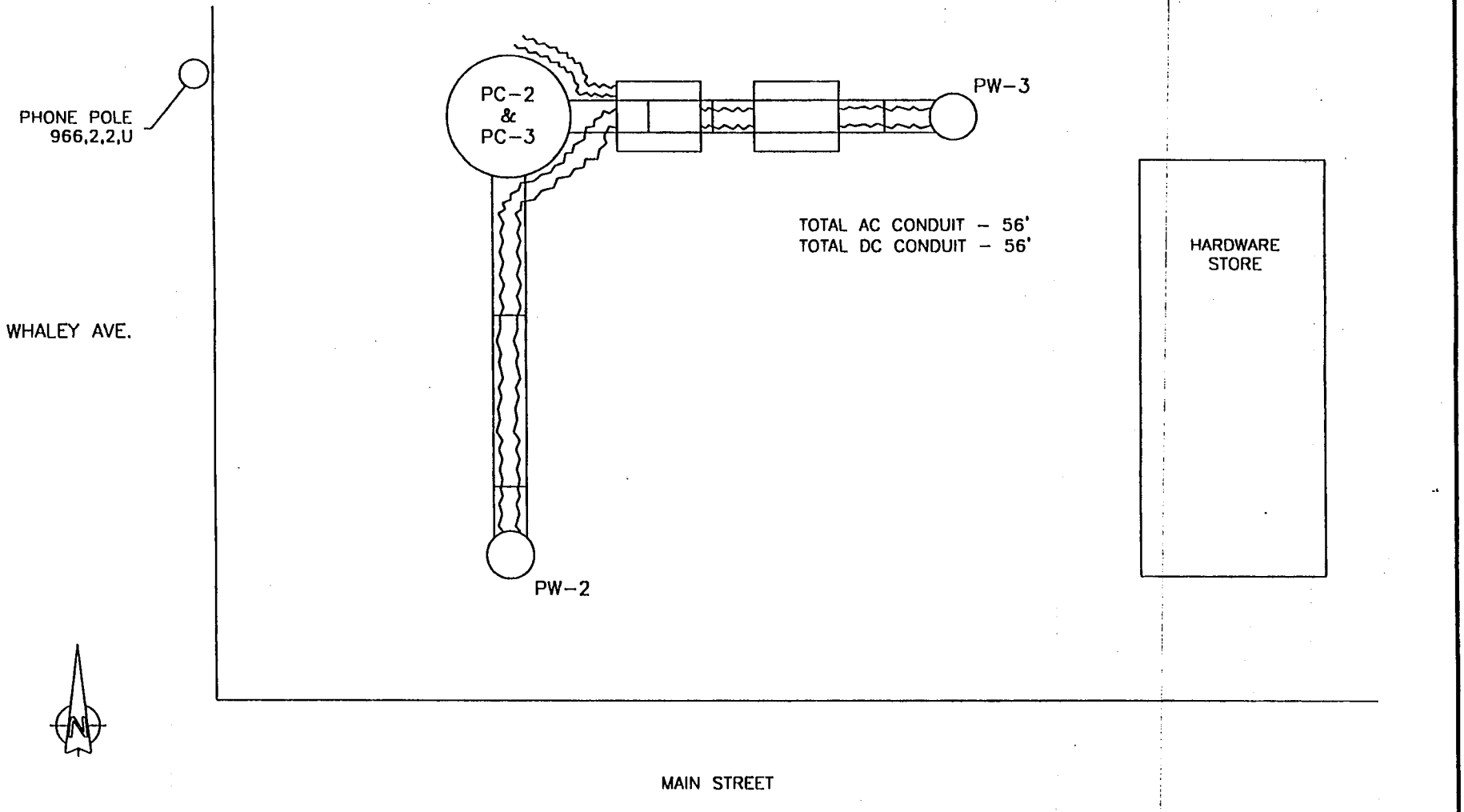

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| Tyree Organization Ltd. Latham, New York | CONDUIT LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-13 |
| | MR. C'S DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. — Date: 8-19-03 | Figure C-13 |




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| Tyree Organization Ltd. Latham, New York | PC-2 & PC-3 HDPE PIPE LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-14 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-19-03 | Figure C-14 |

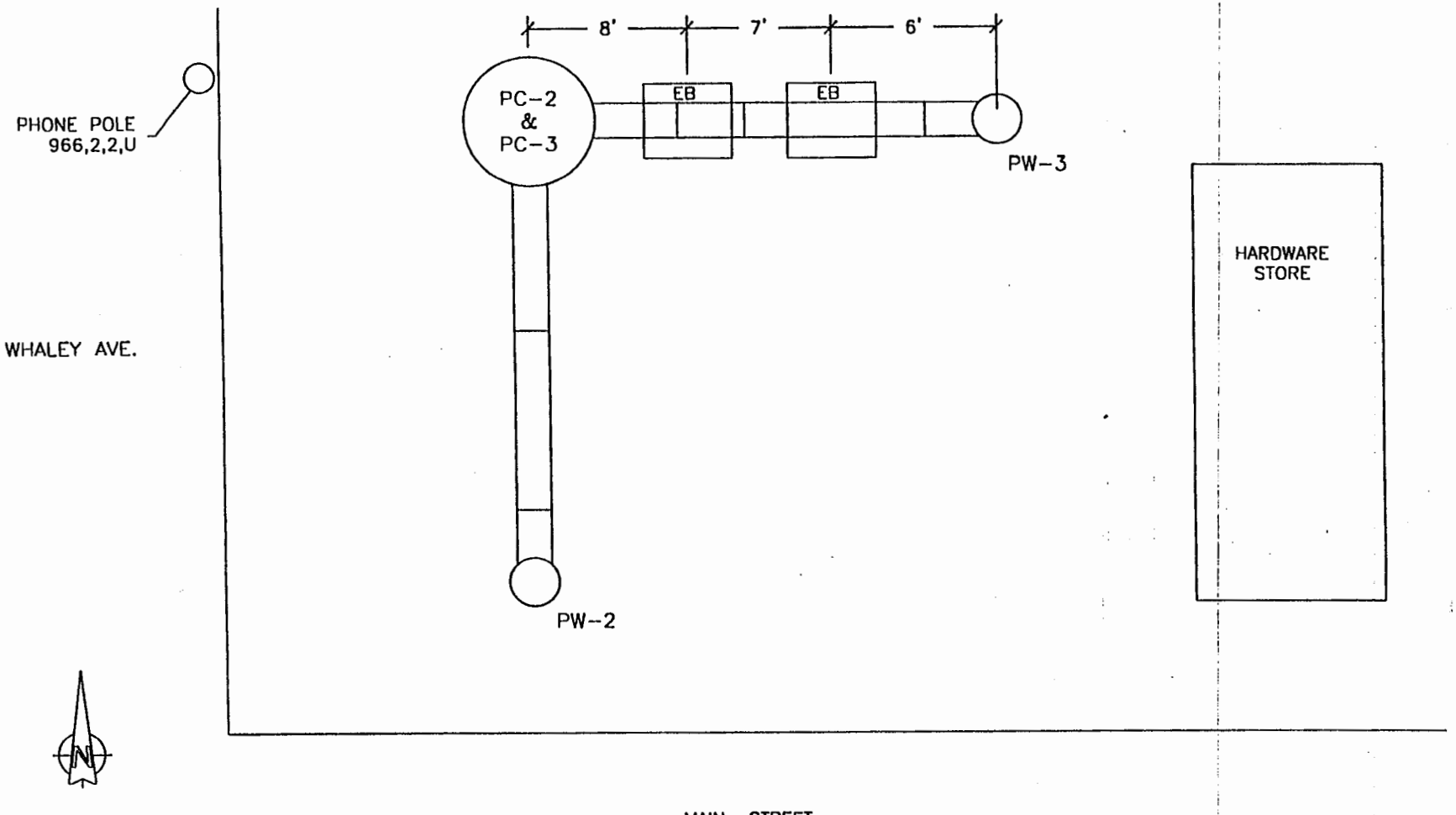



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| Tyree Organization Ltd. Latham, New York | PC-2 & PC-3 HDPE PIPE LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-15 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 686 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-19-03 | Figure C-15 |

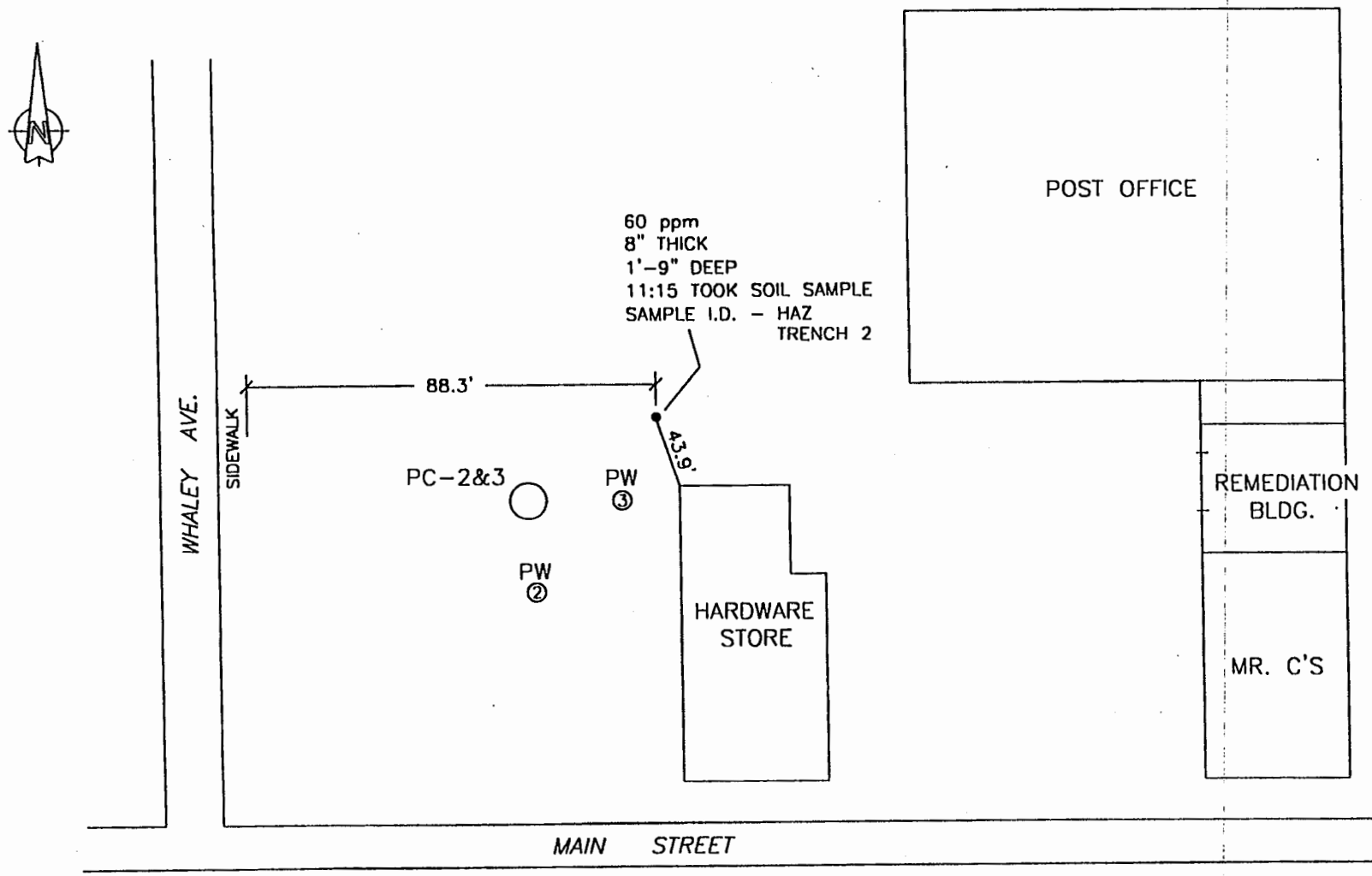



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| Tyree Organization Ltd. Latham, New York | PC-2 & PC-3 CONDUIT LENGTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-16 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-19-03 | Figure C-16 |

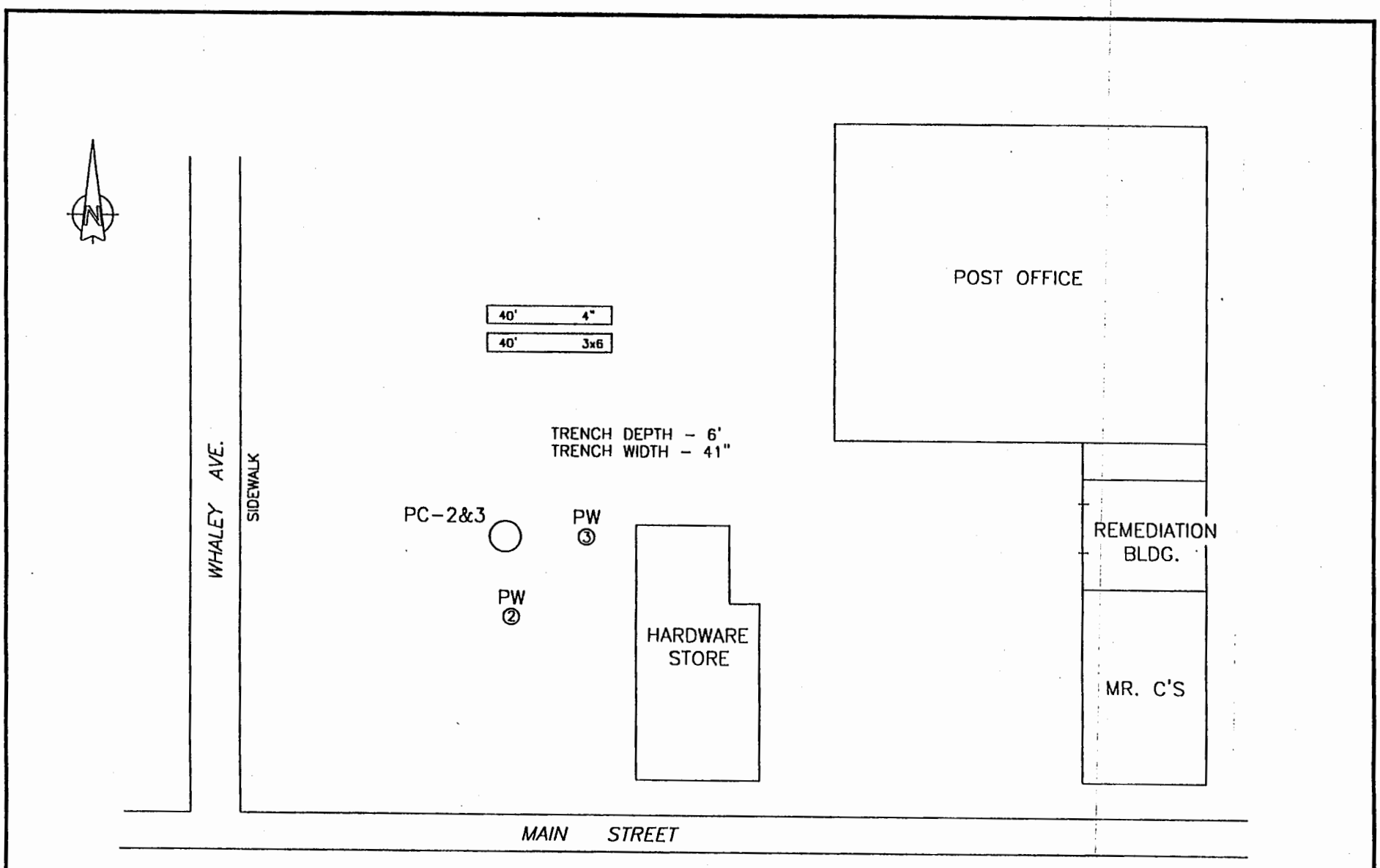
J-50



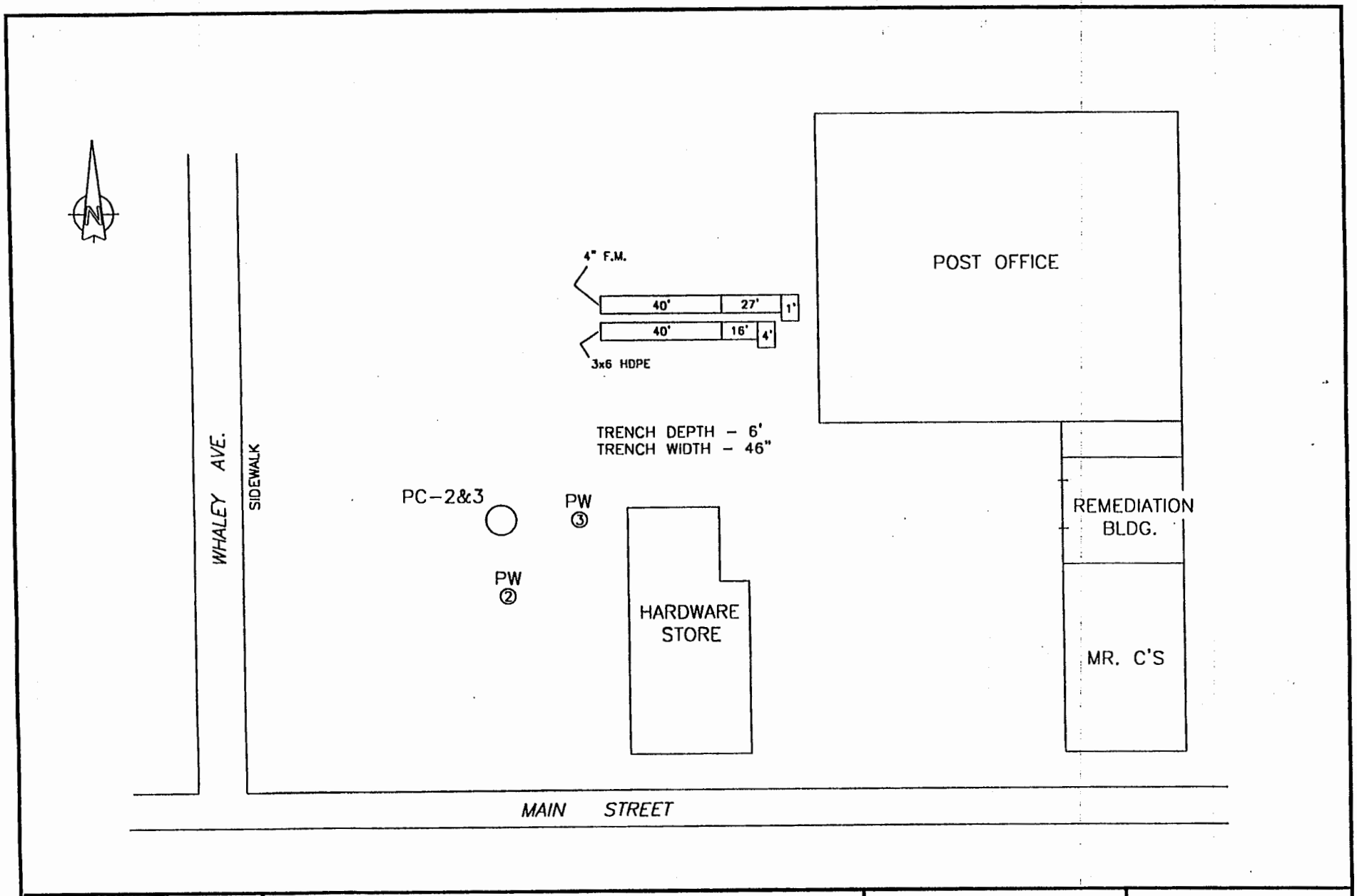

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| Tyree Organization Ltd. Latham, New York | PC-2 & PC-3 ELECTRICAL BOX AS RECORDED | Checked by: D. PACHAN | Cad File: MRCC-17 |
| | | Drawn by: FJF/Adecco | |
| MR. C'S DRY CLEANERS REMEDIATION PROJECT | 566 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-19-03 | Figure C-17 |




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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 SOIL SAMPLE AS RECORDED | Checked by: D. PACHAN | Cad File: MRCD-1 |
| | MR.C's DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. — Date: 8-15-03 | Figure D-1 |

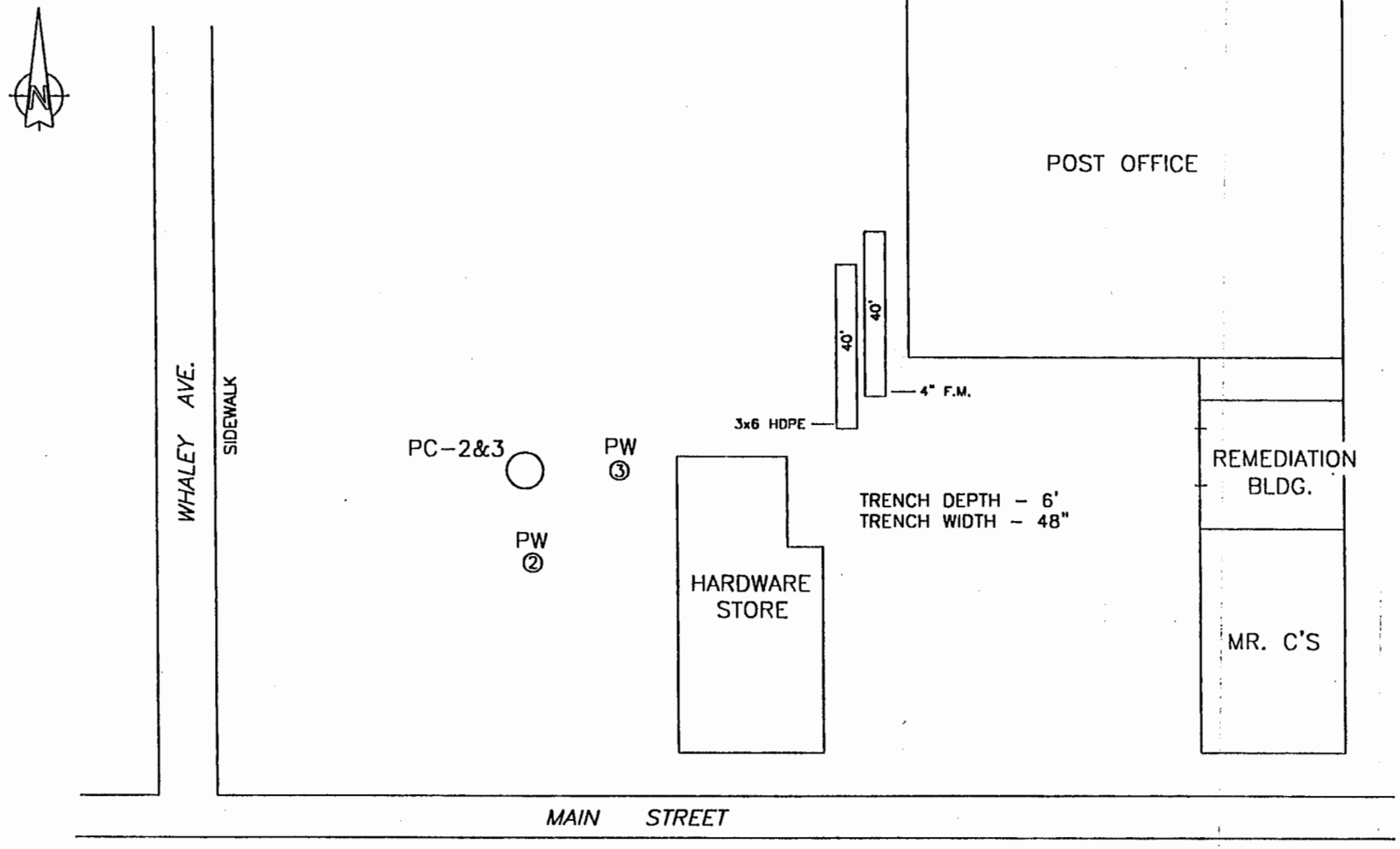



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| Tyree Organization Ltd. Latham, New York | PC–2 AND PC–3 PIPING DETAIL TO PC–1 TRENCH DEPTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCD-2 |
| | MR.C's DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. — Date: 8-15-03 | Figure D–2 |

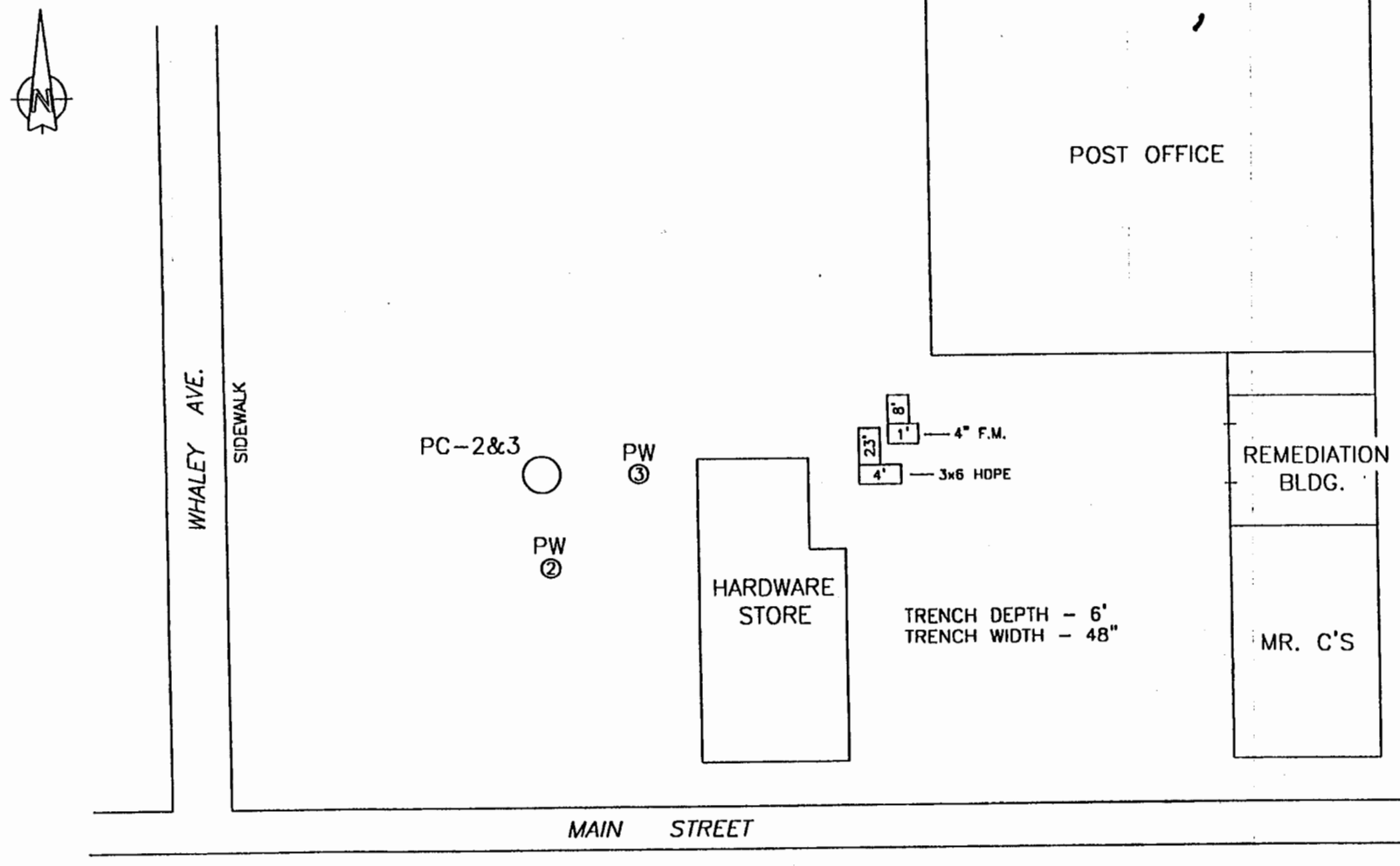



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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS AS RECORDED<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-3<br>Figure D-3 |

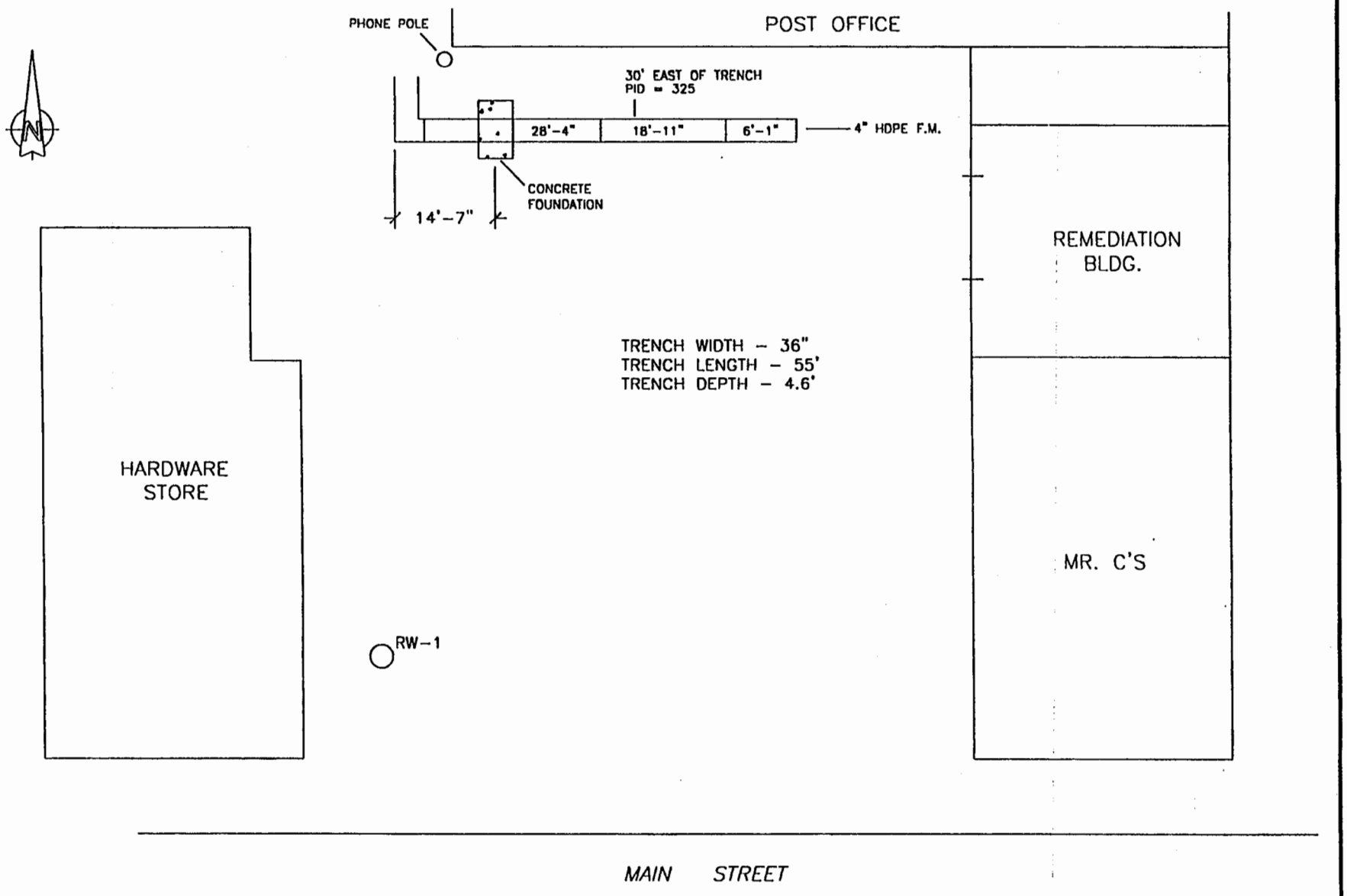
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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCD-4 |
| | MR.C's DRY CLEANERS REMEDIATION PROJECT — 566 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. — Date: 8-15-03 | Fi[illegible] D-4 |

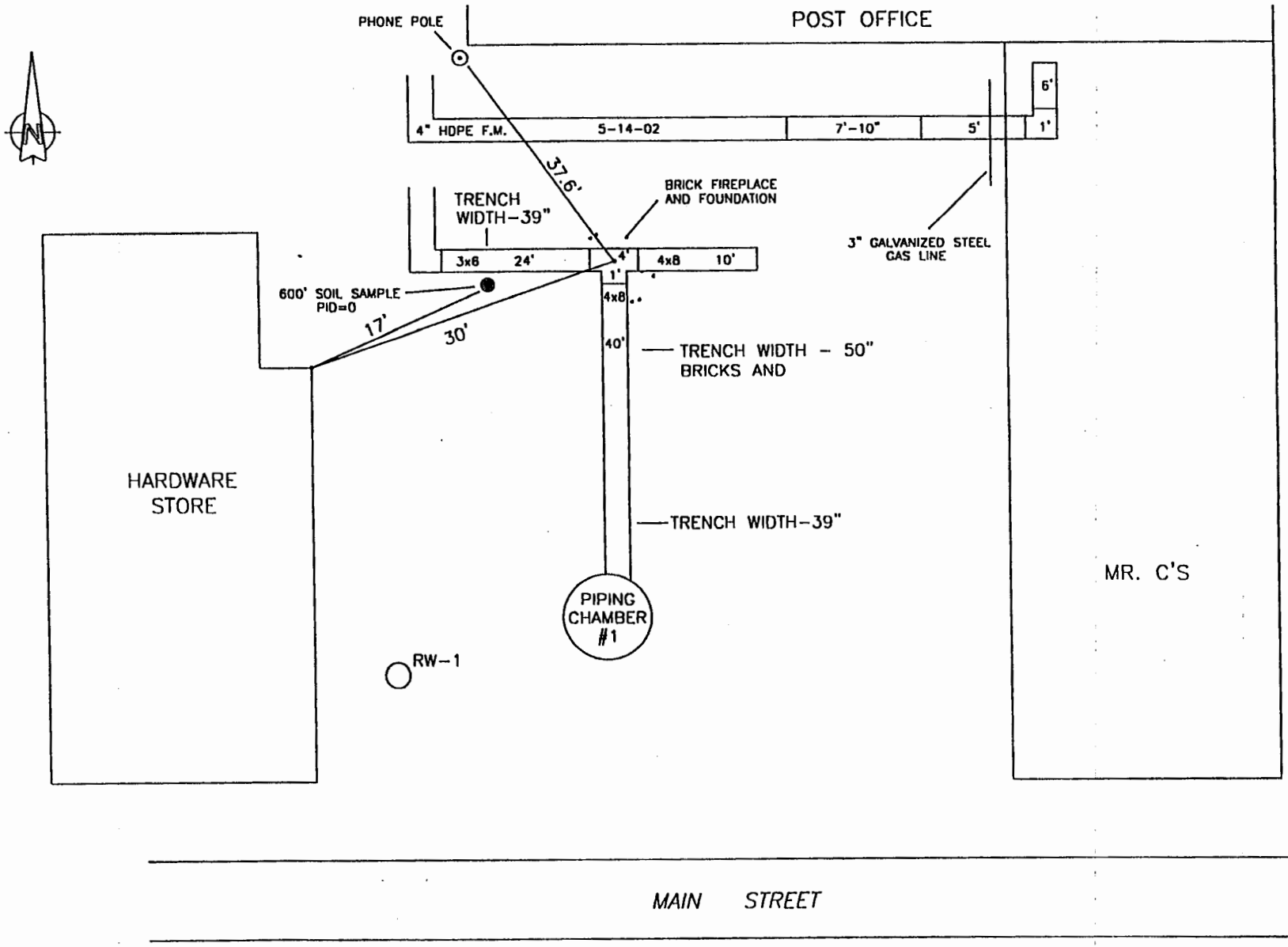



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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS AS RECORDED<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-5<br>Figure D-5 |

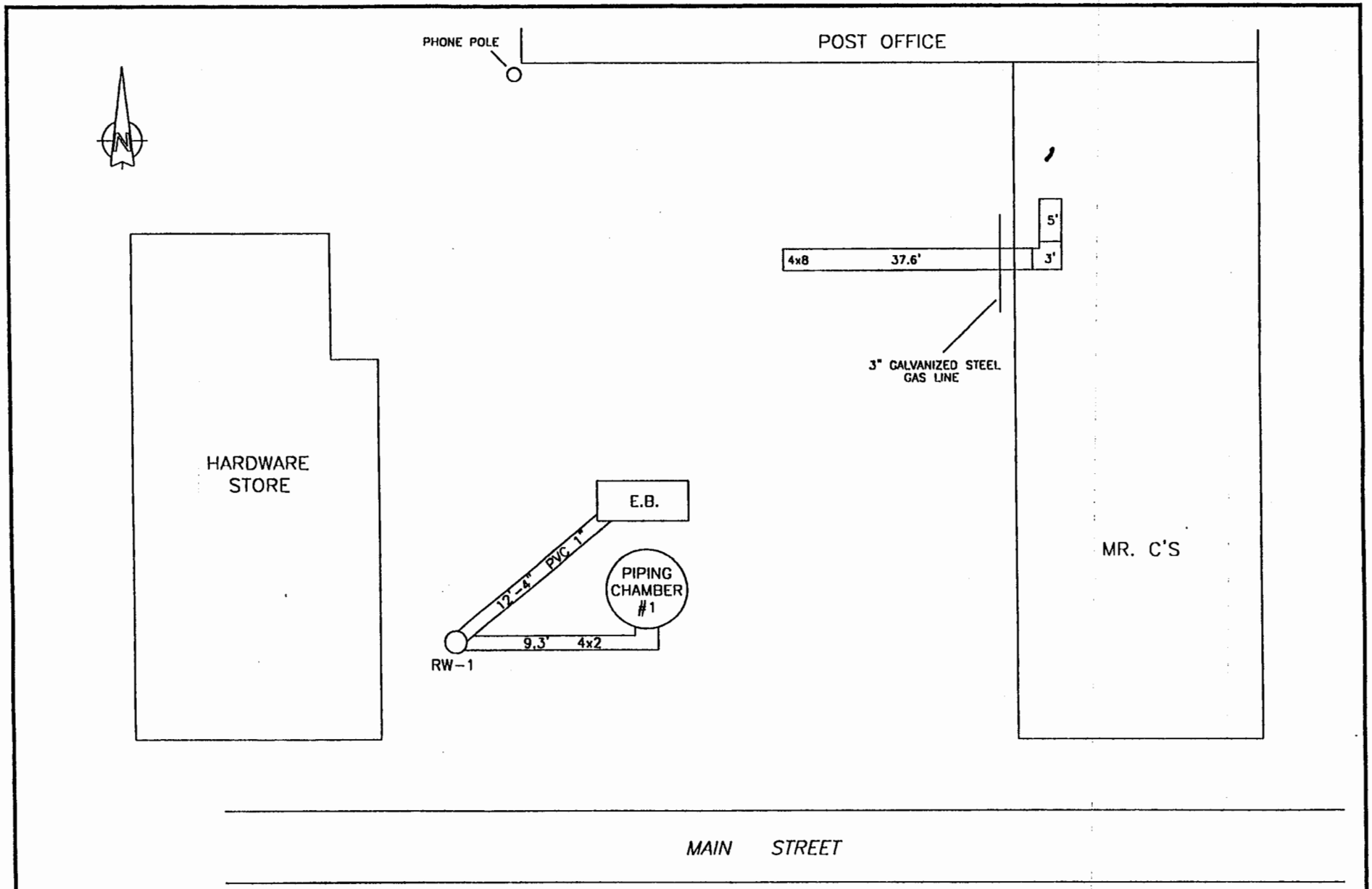



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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS AS RECORDED | Checked by: D. PACHAN | Cad File: MRCD-6 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 686 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. Date: 8-15-03 | Figure D-6 |

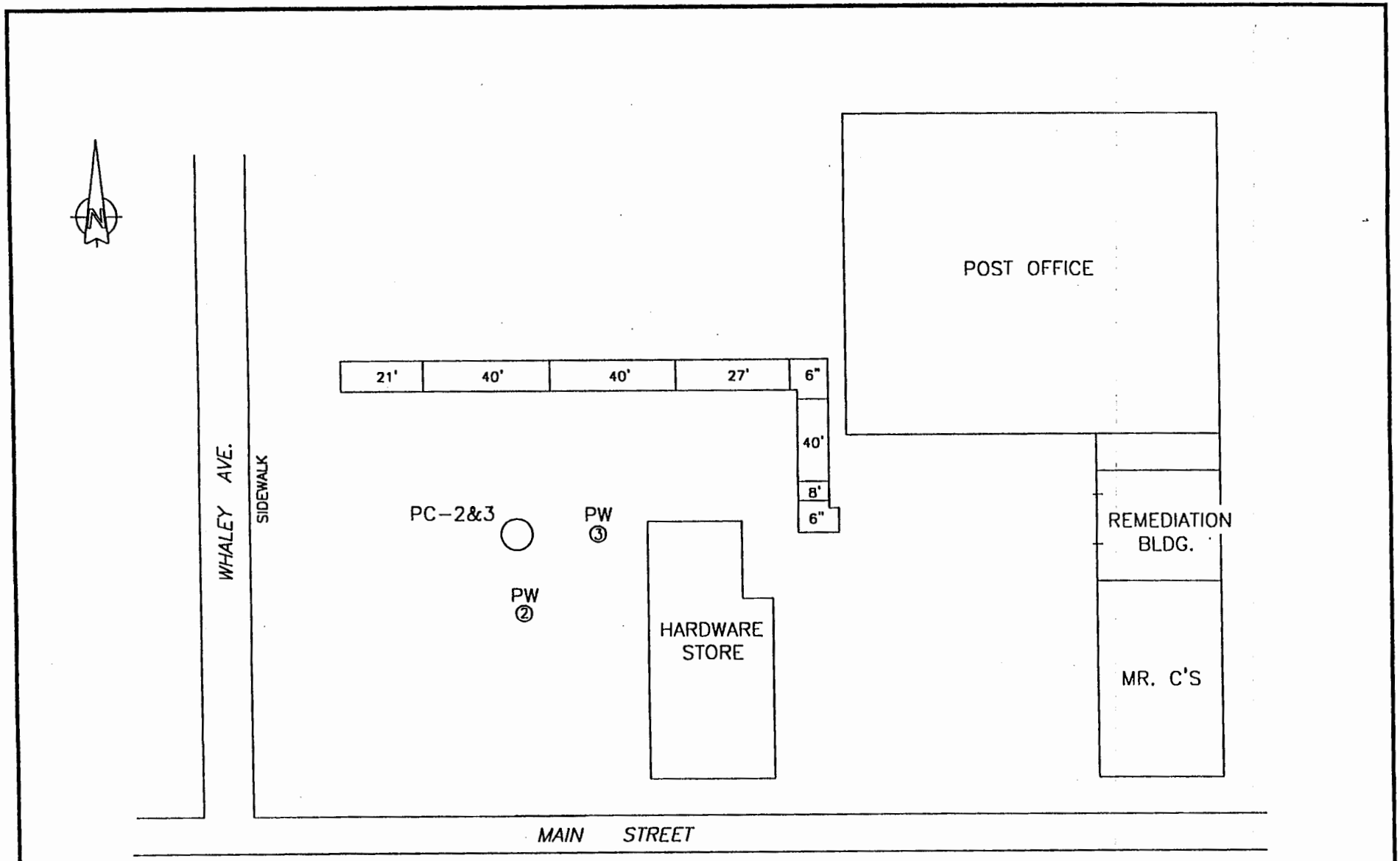
J-58



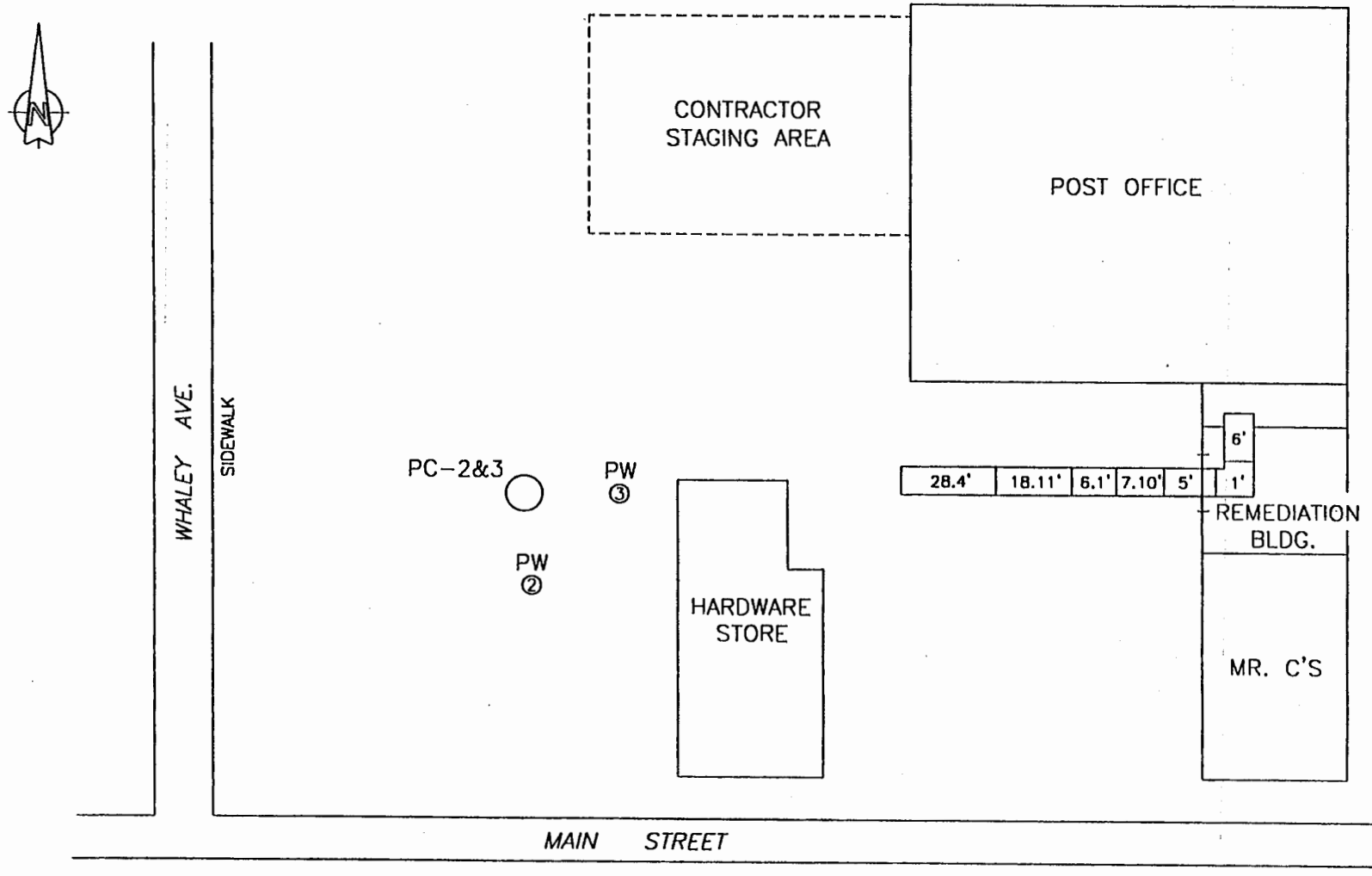

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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS AS RECORDED<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-7<br>Figure D-7 |



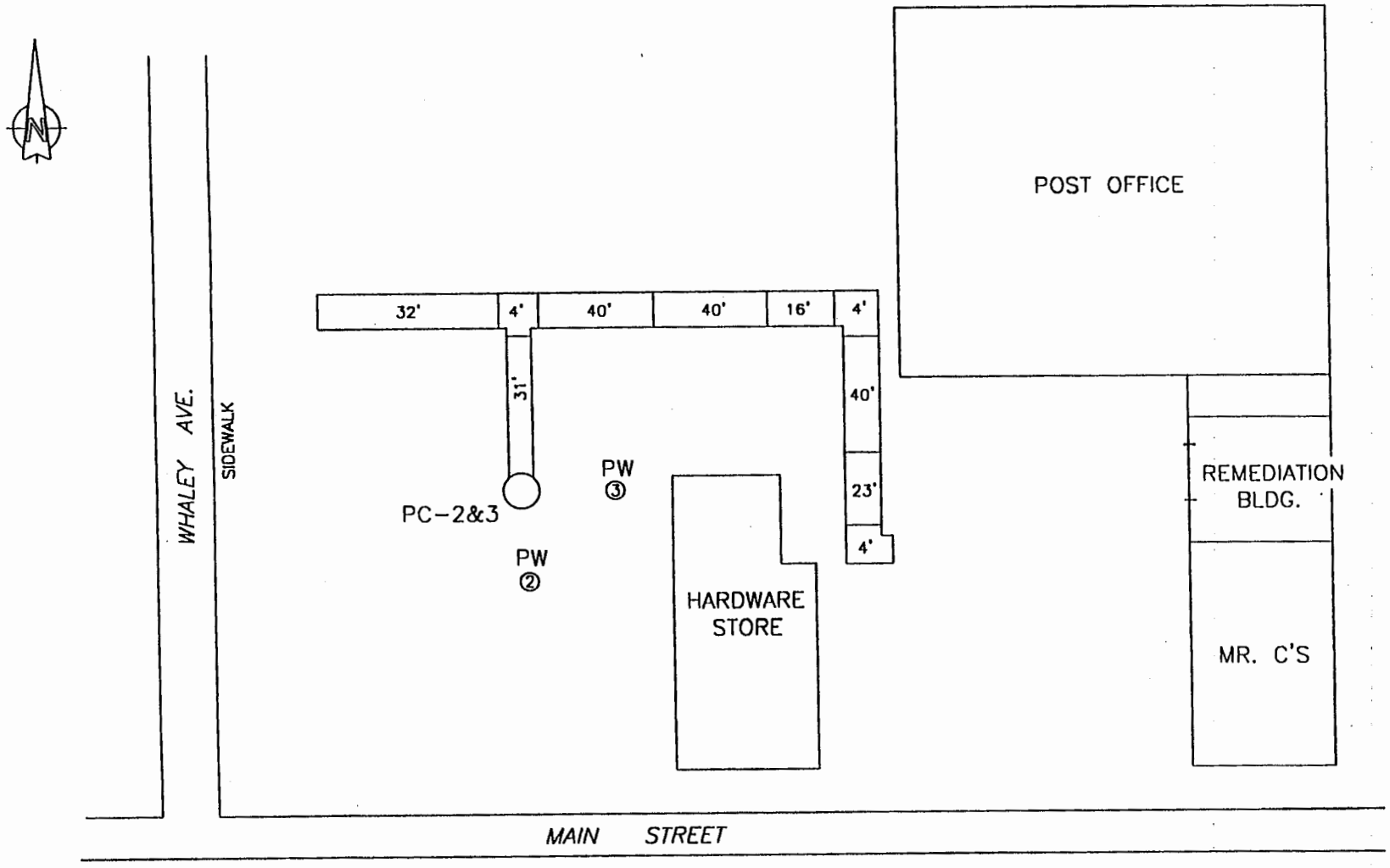

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| Tyree Organization Ltd. Latham, New York | PIPING CHAMBER – 1 AND ELECTRICAL BOX | Checked by: D. PACHAN | Cad File: MRCD-8 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | AS RECORDED | Scale: N.T.S. Date: 8-15-03 | Figure D-8 |
| | 586 MAIN STREET EAST AURORA, NEW YORK | | |



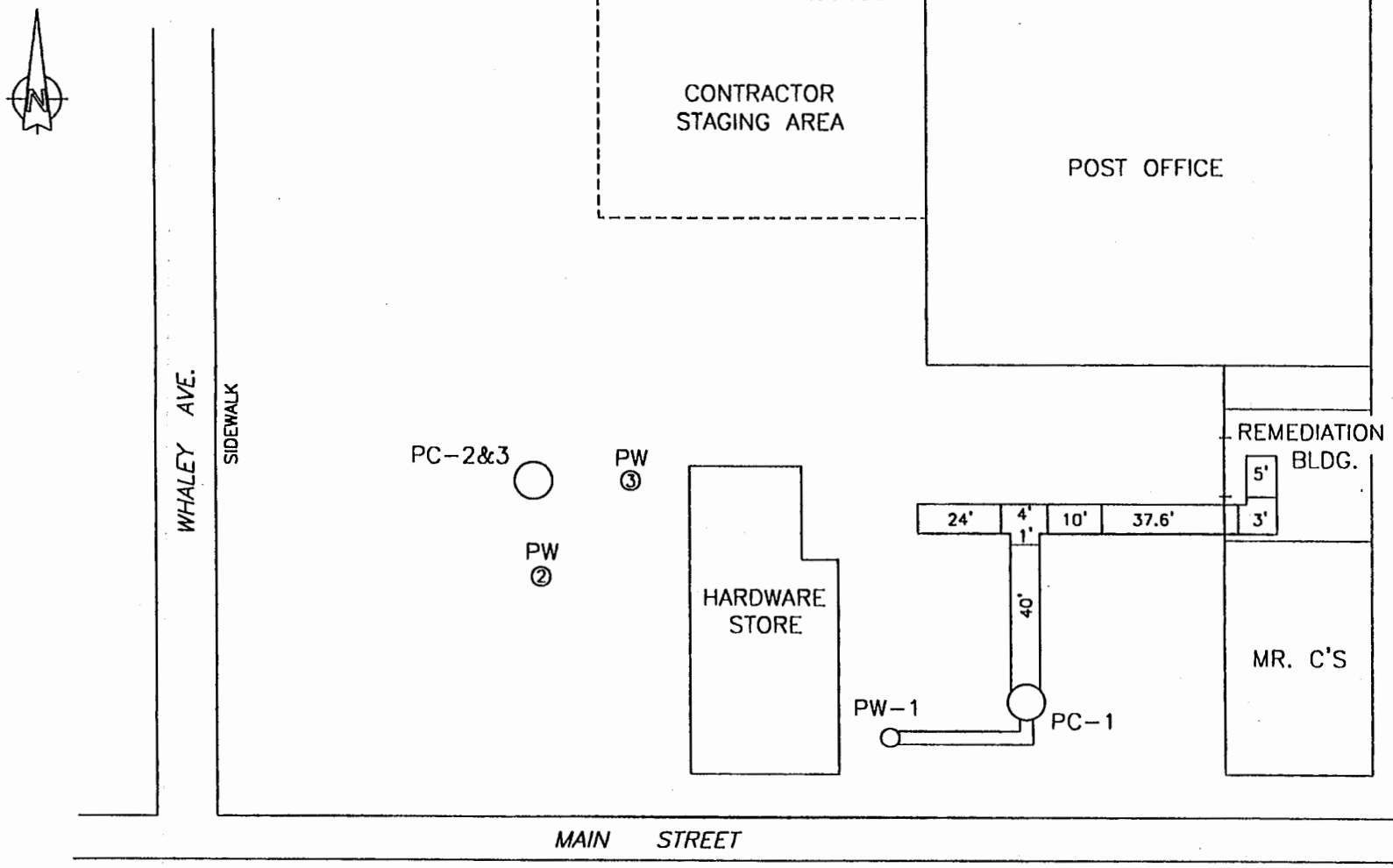

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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LENGTHS 4"<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-9<br>Figure D-9 |



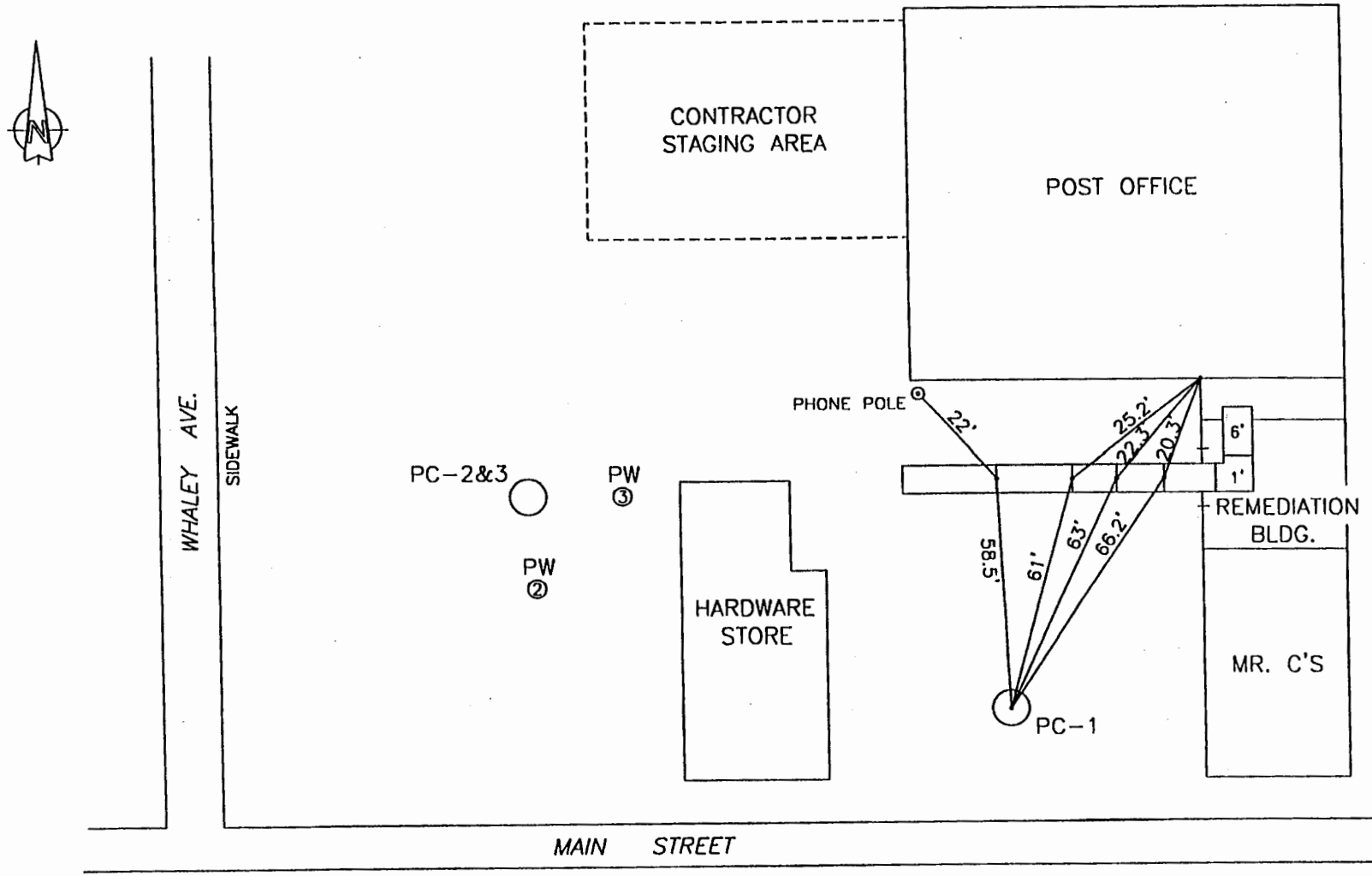

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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LENGTHS 4"<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 566 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-10<br>Figure D-10 |



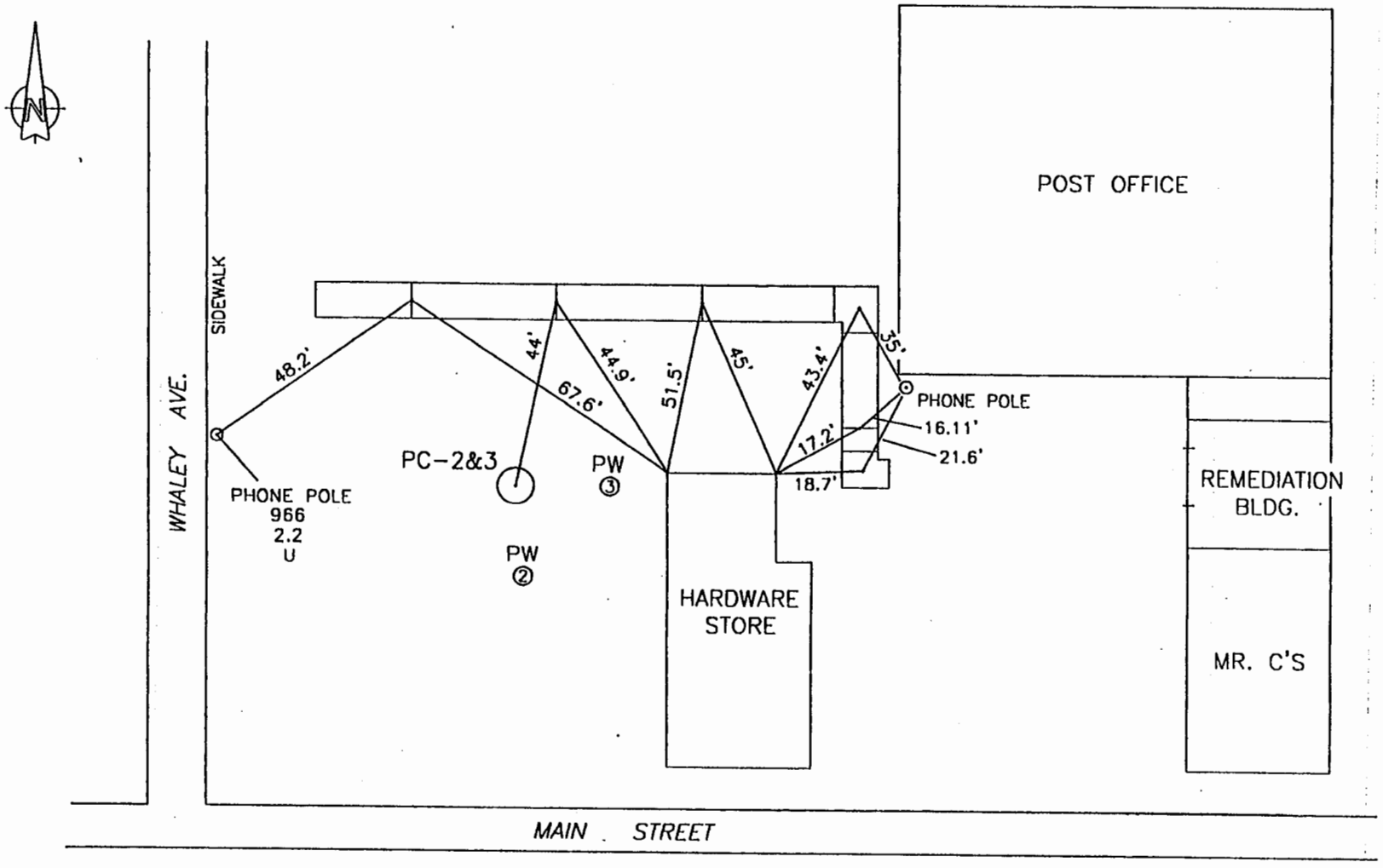

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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LENGTHS 3x6/4x2<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-11<br>Figure D-11 |



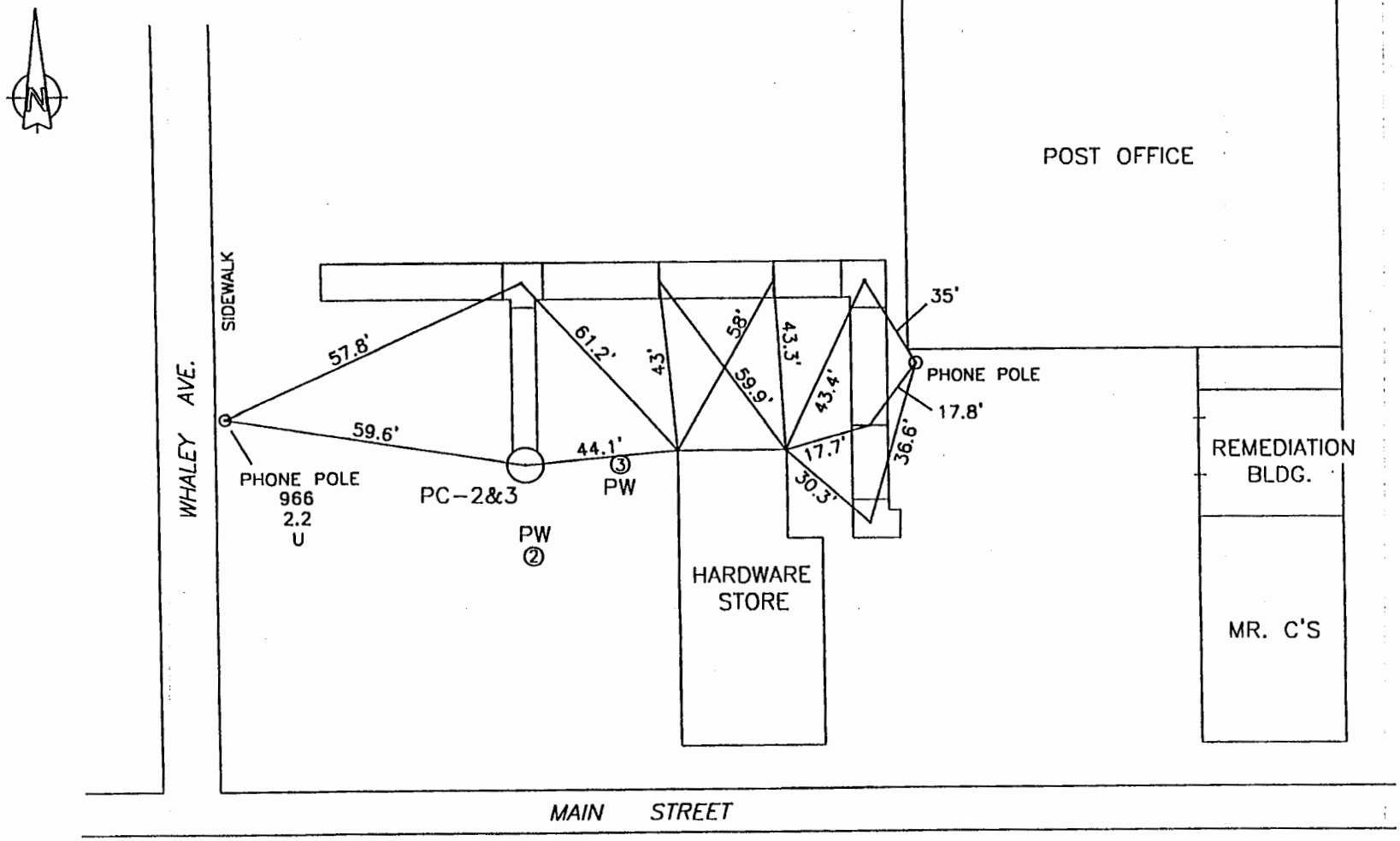

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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LENGTHS 4x8<br>AS RECORDED | Checked by: D. PACHAN | Cad File: MRCD-12 |
| | | Drawn by: FJF/Adecco | |
| MR.C's DRY CLEANERS<br>REMEDIATION PROJECT | 586 MAIN STREET<br>EAST AURORA, NEW YORK | Scale: N.T.S. / Date: 8-15-03 | Figure D-12 |



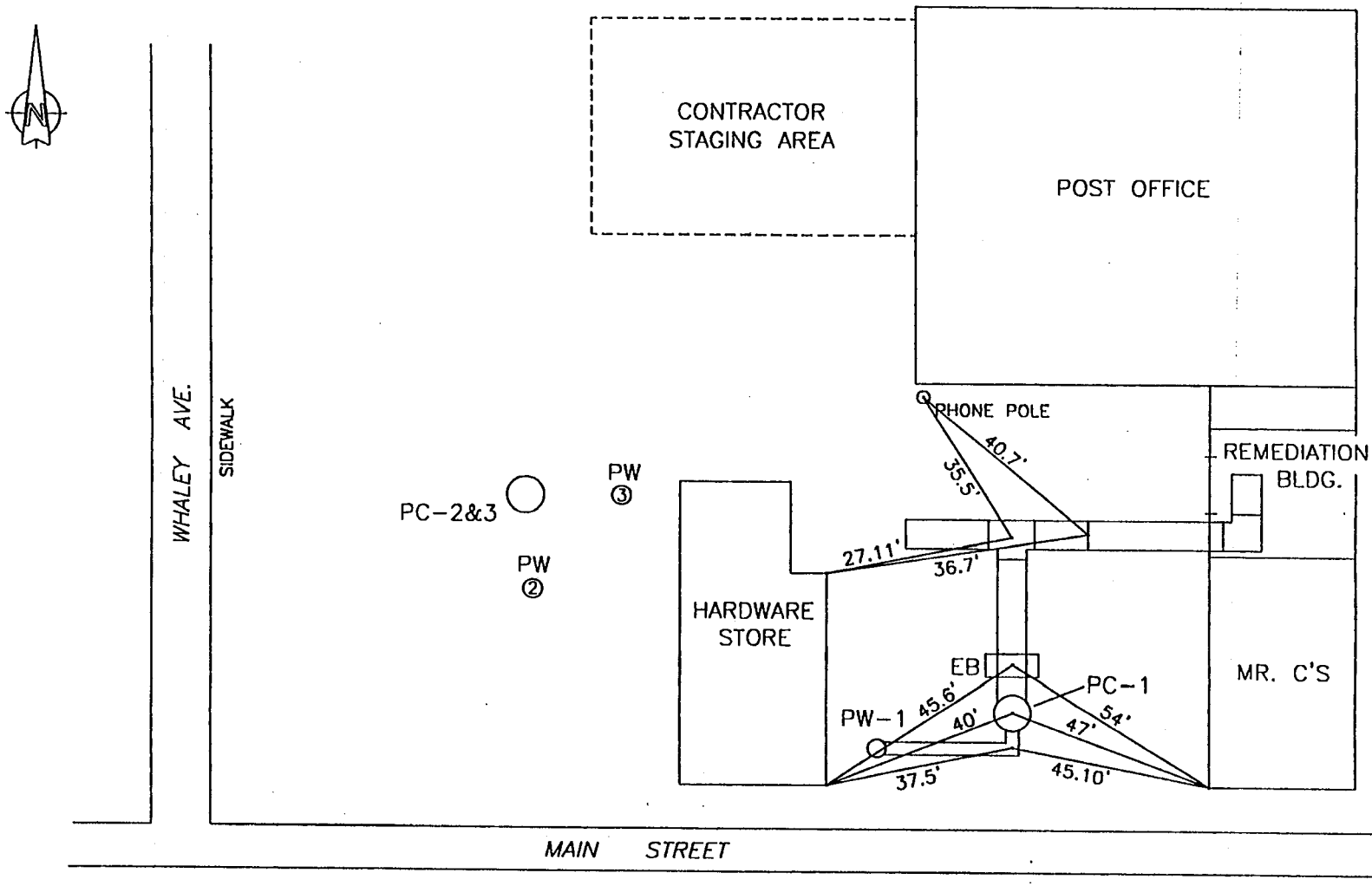

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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LOCATIONS 4"<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-13<br>Figure D-13 |




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| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LOCATIONS 4"<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. Date: 8-15-03 | Cad File: MRCD-14<br>Figure D-14 |

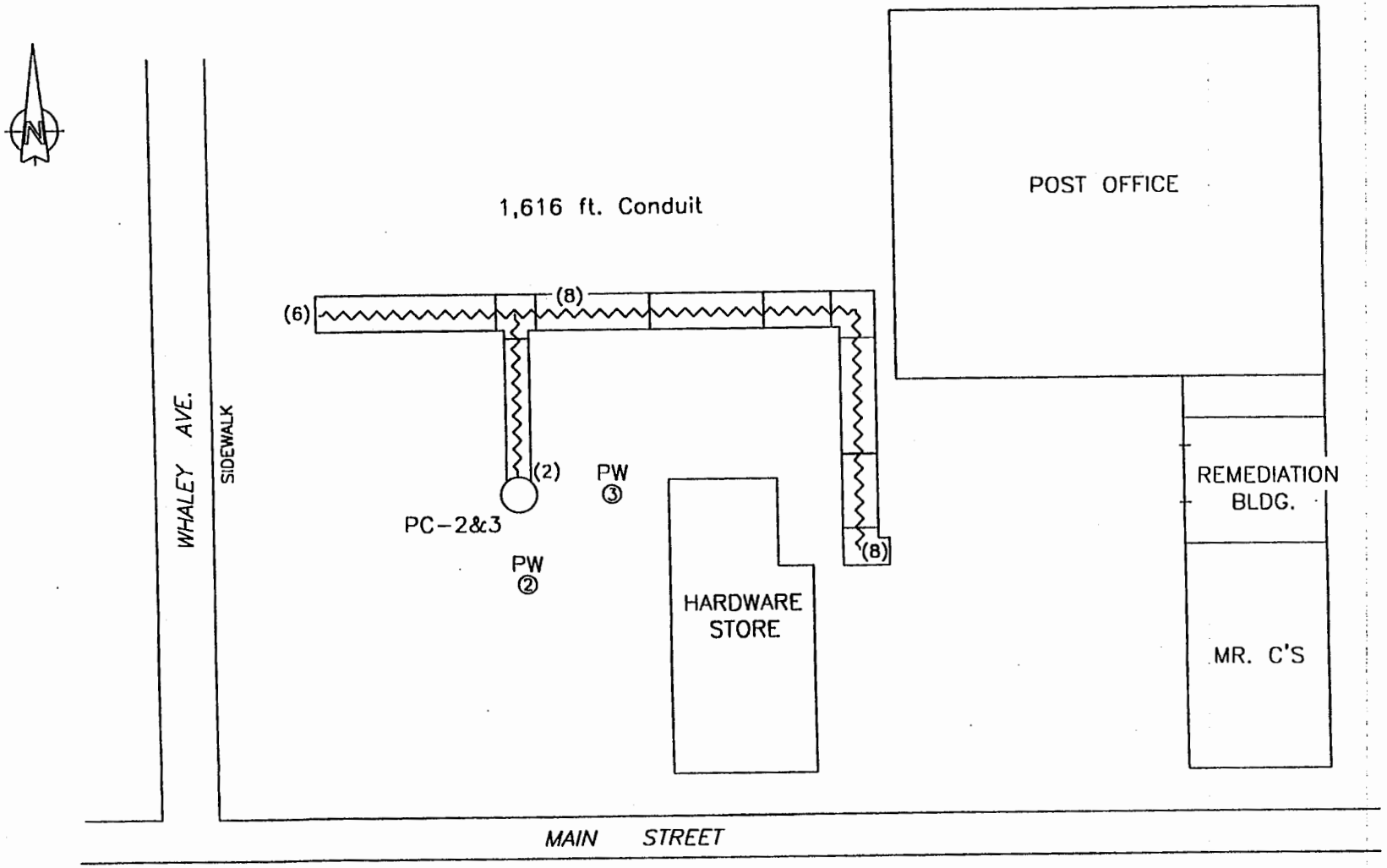



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|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LENGTHS 3x6/4x2<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — AS RECORDED — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. Date: 8-15-03 | Cad File: MRCD-15<br>Figure D-15 |



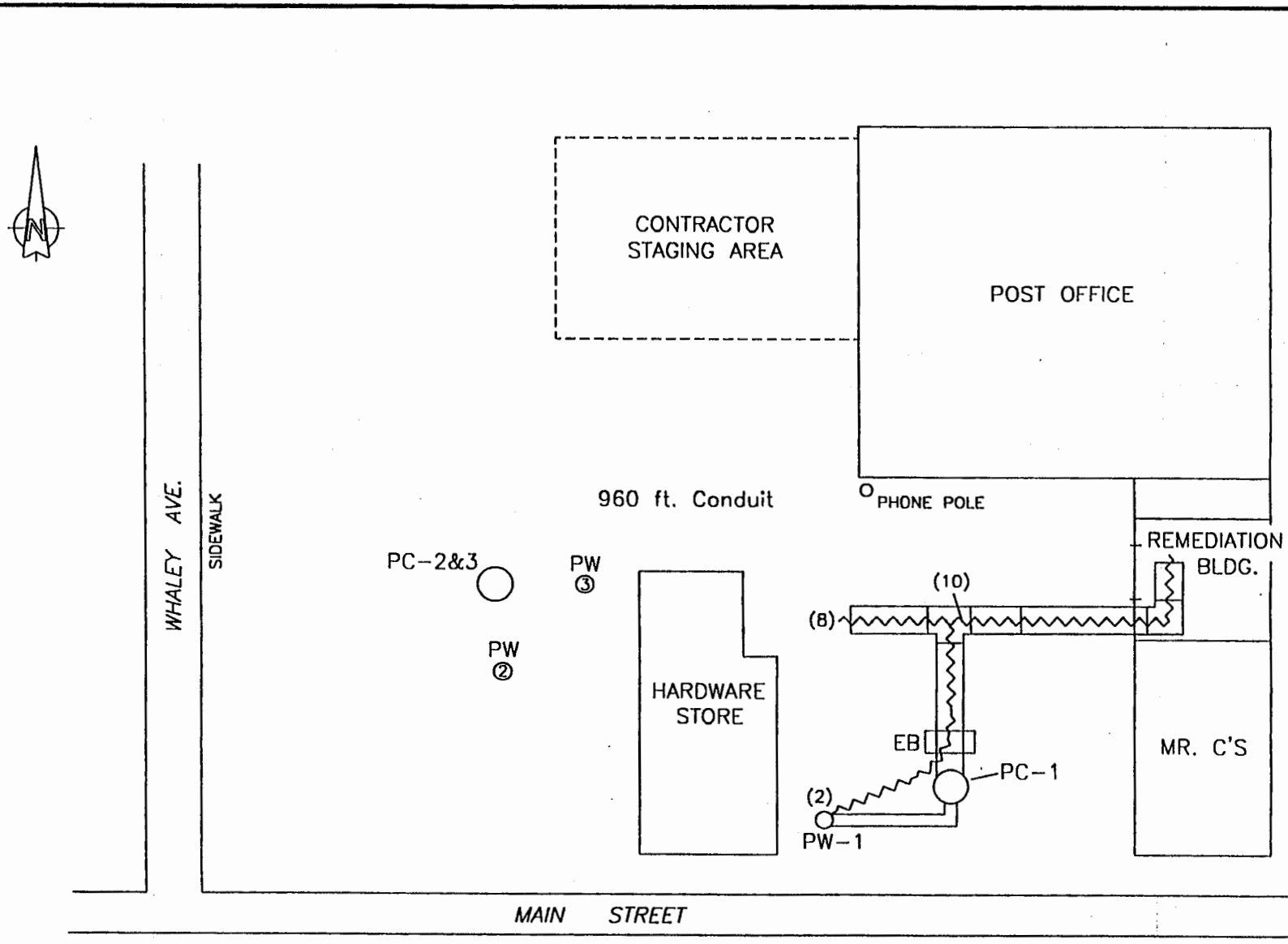

| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1<br>HDPE PIPE LOCATIONS 4x8<br>AS RECORDED | Checked by: D. PACHAN | Cad File: MRCD-16 |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Drawn by: FJF/Adecco | |
| | | Scale: N.T.S. Date: 8-15-03 | Figure D-16 |

J-68




| | | | |
|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 CONDUIT LENGTHS AS RECORDED<br>MR.C's DRY CLEANERS REMEDIATION PROJECT — 586 MAIN STREET EAST AURORA, NEW YORK | Checked by: D. PACHAN<br>Drawn by: FJF/Adecco<br>Scale: N.T.S. — Date: 8-15-03 | Cad File: MRCD-17<br>Figure D-17 |

J-69




| | | | | |
|---|---|---|---|---|
| Tyree Organization Ltd. Latham, New York | PC-2 AND PC-3 PIPING DETAIL TO PC-1 CONDUIT LENGTHS AS RECORDED | Checked by: D. PACHAN | | Cad File: MRCD-18 |
| | | Drawn by: FJF/Adecco | | |
| MR.C's DRY CLEANERS REMEDIATION PROJECT | 586 MAIN STREET EAST AURORA, NEW YORK | Scale: N.T.S. | Date: 8-15-03 | Fig D-18 |

J-70

# K

# Asbestos Closure Documentation

# LETTER OF TRANSMITTAL

Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110
Phone: (518) 786-3200 * Fax: (518) 786-7351

| | |
|---|---|
| | DATE: |
| To: MR. Mike Steffan<br>Ecology & Environment<br>368 Pleasant View Drive | Mr. Cs Dry Cleaner Site<br>SITE ID NO. 9-15-157 |
| Lancaster, NY 14086 | CONTRACT# D004180 |
| | SUBMITTALS 034<br>*TRANSMITTAL NO.:* |

From: MR. PHILIP N. HOLLOWAY

Re: SUBMITTALS FOR Mr. Cs Dry Cleaner Site

We are sending you attached, the following items:

| Copies | Date | Description |
|---|---|---|
| 6 | 1-11-02 | SITE NAME: Mr. Cs Dry Cleaners<br>PROJECT NAME: SITE REMEDIATION PROJECT<br>CONTRACT NO.: D004180<br>TRANSMITTAL NO.: 34<br>SECTION NO.: |

Project Name: Site Remediation Project
Contractor: THE TYREE ORGANIZATION, LTD.
Date: 01/11/02
Item: CEI Asbestos Abatement Package
Specifications:
Section: 02080-
Page No.: 02080-4
Para. No.:
Drawing No.: ____ of ____
Location:
Submittal No.: 034
Approved By: PNH

CC: FILE/HOLLOWAY

These are transmitted as checked
- [X] For Approval AND SIGNATURE
- [ ] For Your Use
- [ ] As Requested

Signed: Philip N. Holloway
Philip N. Holloway
Project Manager

# CLASSIC ENVIRONMENTAL INC.

# ASBESTOS CLOSE-OUT

Mr. C's Dry Cleaners
Main Street
East Aurora, NY

GC: The Tyree Organization LTD.
4 Northway Lane
Albany, NY 12110

STATE OF NEW YORK - DEPARTMENT OF LABOR
**DIVISION OF SAFETY AND HEALTH**
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

# ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 01-1252
DATE OF ISSUE: 02/14/01
EXPIRATION DATE: 02/28/02

Contractor: Classic Environmental Inc.

Address: P.O. Box 480
Clifton Park, NY 12065

Duly Authorized Representative: Craig Ingalls

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

# ACORD. CERTIFICATE OF LIABILITY INSURANCE

ESR CP CLASS-6

DATE (MM/DD/YY) 10/02/01

PRODUCER

Angers & Litz Associates, Inc.
15 Angers Avenue
Schenectady NY 12303
Phone: 518-355-8030 Fax:518-355-0054

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

| | |
|---|---|
| INSURER A | American Safety Cas Ins Co |
| INSURER B | 239 New York Casualty Ins Co. |
| INSURER C | |
| INSURER D | |
| INSURER E | |

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS | |
|---|---|---|---|---|---|---|
| A | GENERAL LIABILITY<br>X COMMERCIAL GENERAL LIABILITY<br>CLAIMS MADE [X] OCCUR<br>X Professional Liab<br>X Pollution Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br>X POLICY PRO-JECT LOC | POL 01-2344-001 | 05/22/01 | 05/22/02 | EACH OCCURRENCE<br>FIRE DAMAGE (Any one fire)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG | $ 1000000<br>$ 50000<br>$ 5000<br>$ 1000000<br>$ 2000000<br>$ 2000000 |
| B | AUTOMOBILE LIABILITY<br>ANY AUTO<br>ALL OWNED AUTOS<br>X SCHEDULED AUTOS<br>X HIRED AUTOS<br>X NON-OWNED AUTOS | BA 5E 23 58 | 08/25/01 | 08/25/02 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident) | $ 300000<br>$<br>$<br>$ |
| | GARAGE LIABILITY<br>ANY AUTO | | | | AUTO ONLY - EA ACCIDENT<br>OTHER THAN AUTO ONLY: EA ACC<br>AGG | $<br>$<br>$ |
| | EXCESS LIABILITY<br>OCCUR CLAIMS MADE<br>DEDUCTIBLE<br>RETENTION $ | | | | EACH OCCURRENCE<br>AGGREGATE | $<br>$<br>$<br>$<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | WC-00002082000-00 | 05/22/01 | 05/22/02 | X WC STATU-TORY LIMITS OTH-ER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | $ 100000<br>$ 100000<br>$ 500000 |
| | OTHER | | | | | |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Certificate holder is additional insured under general liability coverage.
Project: Mr. C's Cleaners, 586 Main Street, East Aurora, NY

CERTIFICATE HOLDER | Y | ADDITIONAL INSURED; INSURER LETTER: A

TYREE01

Tyree Organization
4 Northway Lane
Latham NY 12110

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

Leonard R. Litz

ACORD 25-S (7/97) ©ACORD CORPORATION 1988

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST AMHERST NY

PROJECT Tyree WEATHER 50° cloudy

SUPERVISOR SIGNATURE [signature] PRINT Greg Streeter

| TIME | DESCRIPTION OF WORK |
|---|---|
| 0800 | On Site with 3 Laborers / met with Tyree (Robert Blow) we will be having a safety meeting prior to any work on Site / Safety meeting conducted by Tyree safety man / Decon trailer moved to Side of Bldg / 3 Stage OSHA Decon Set up on the trailer / water hose to trailer and tool / tools and equipment up onto the roof / Safety Cones Set up / Bucket tape Set up / |
| 1000 | Starting to do removal of the Brick flashing - Approximately 75' of ACM to be removed / Debris Area and cut the cone with the cutter / There is a metal sheeting over caped the wooden mant - we are going to do Removal Down to the wooden mant / Wetting Brick - Bagging and Putting Bags near the Container |
| 1200 | All of the flashing is off the wall and Brick wetted - Bagged and cleaned - Doing a final cleaning of the work area / All waste - tools and equipment off the Bldg and we are going to Put up the Tarp and Water shield for a temporary water tighting of the wall |
| 1400 | Decon to Down - All Waste Loaded - we will Be Returning in 2-3 weeks to do Removal of the 100 Sq Ft of Duct Insulation - |
| | CLS |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: TyRee Organization | PROJECT #: |
| LOCATION: 586 main ST EAST Amherst NY | DATE: 11/2/01 |
| SUPERVISOR: Greg Streeter | SHIFT: Days |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Julius Valdez | 466 47 8285 | 0800 | 1400 | | |
| LARRY Stricklin | 087-54-4557 | 0800 | 1400 | | |
| Richard Welsh | 095 60 9316 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Impu Greg Streeter | 111-54-5719 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| John Frisbie | 447-80-9919 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 12/3/01 LOCATION Roof

PROJECT Mr. C's Cleaners WEATHER Sunny 45°

SUPERVISOR SIGNATURE [signature] PRINT CRAIG INGALLS

| TIME | DESCRIPTION OF WORK |
|---|---|
| 9:00 | Arrived on Site, met with Site Supervisor walked project started to set up pop-up Measured Asbestos only on Section 13 feet will glovebag pieces |
| 9:30 | Pop-up built and up starting to suit up And glovebag being put-up now. |
| 10:00 | glovebag finished Also will take ALL fiber glass that's around unit ALL but what's in duct work |
| 11:00 | Starting to pick-up. Supplies And take down pop-up |
| 11:30 | putting Unit Sides back on should be off Site in 1/2 hour job complete |

PO BOX 480, CLIFTON PARK, NY 12065-0480 PH/FX (518) 664-1209

# CEI

CLASSIC ENVIRONMENTAL INC.

| PROJECT: | PROJECT #: |
|---|---|
| LOCATION: MR. C's CLEANERS | DATE: 12/3/01 |
| SUPERVISOR: CRAIG INGALLS | SHIFT: DAY |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| CRAIG INGALLS | 122-36-1024 | 9:00 | 12:00 | | |
| RICHARD WELSH | 095609316 | 9:00 | 12:00 | | |
| Chris O'Grady | 084-58-2624 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |
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| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| JASON BARADY | 072-68-4209 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## SAFETY MEETING DAILY LOG

Date: 12/3/01 Conducted By: Craig Ingalls

Project: MR C's Cleaners

Location: Roof top Unit.

TOPIC OF DISCUSSION: Fall Protection

ACCIDENTS REVIEWED:

OTHER:

| LIST OF ATTENDEES (Name & SS#) | |
|---|---|
| 1) Craig Ingalls 122-36-1024 | 8) |
| 2) Chris O'Grady 084-58-2624 | 9) |
| 3) Ricardo Welsh 095-60-9316 | 10) |
| 4) | 11) |
| 5) | 12) |
| 6) | 13) |
| 7) | 14) |

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 95-18708 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 110-54-5579 | |
| EYES | HAIR |
| HAZ | RED |
| WEIGHT | HEIGHT |
| 210 lbs. | 6 ft. 01 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

190079C

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/91)

GREGORY L STREETER
198 RIVERSIDE AVE
RENSSELAER, NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREETER, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. IAGALIS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

24 APR '01
Date

Russell B Beacock DMD
Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

**GREGORY STREETER**
19B Riverside Ave.
Rensselaer, New York 12144
518-434-3847

Personal Objective:

To obtain a position in a company that will be beneficial to both the company and myself.

Education:

MSHA Certified Safety Instructor, Dept. of Labor, Albany, New York
Federal Certification
Gouverneur High School, Gouverneur, New York
High School Diploma 1983

Qualification:

-Employee hiring, training, and supervision
-Understanding of field payroll, estimating, job costing, and field Conditions
-Coordinated daily, weekly, and monthly schedules for projects, sub contractors, and office/field staff
-Project manager for projects ranging from $1,000 to $2,000,000
-In charge of multiple projects at the same time
-Estimating of jobs ranging from $500 to $100,000
-Marketing and networking via phone, mail, fax, and personal contact
-Certificates held NYS asbestos supervisor, NY City asbestos supervisor, Vermont asbestos supervisor, and Maine asbestos supervisor
-Understanding on how to handle clients & negotiations

Employment History:

| | |
|---|---|
| 5/01 - Present | Classic Environmental Inc., / Clifton Park, NY<br>Manager |
| 4/00 - 2/01 | Allied Environmental Services, Inc / Rensselaer, NY<br>Operations Manager |
| 5/98 - 2/00 | Environmental Products & Services, Inc / Albany, NY<br>Project Manager/Operation Manager |
| 4/95-5/98 | A+ Environmental Services Inc, Rensselaer, NY<br>Project Manager/Project Supervisor |
| 2/95-4/95 | MARCO Remediation, Albany, New York<br>Field Employee |

References: Available upon request

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| HH 05-11443 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 122-36-1024 | |
| EYES | HAIR |
| BRO | GRY |
| WEIGHT | HEIGHT |
| 230 lbs. | 5 ft. 10 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

176513

DOSH-442 (01/97)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
*DIVISION OF SAFETY AND HEALTH*

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
G (06/01), H (06/02)

CRAIG R INDALLS
163 ANTHONY RD
CLIFTON PARK, NY 12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

CLIFTON PARK FAMILY MEDICINE
SHELLEY B. JUSTA, M.D.
DEA # BJ 0780460 LIC. # 191222
STEPHANIE E. BARRERA, M.D.
DEA # BB 5118681 LIC. # 219449
EDWARD NAUMOWICZ, P.A.
DEA # AN 0343578 LIC. # 001597-1
9 CHELSEA PLACE, SUITE 100
CLIFTON PARK, NY 12065
(518) 383-4280

Chest pain

AGE 41 SEX M

DATE 11/8/01

SSN

LEGAL IF NOT SAFETY BLUE BACKGROUND

Pt had a PE
diagnosed in Feb
Pt was told about
asbestos exposure several
months ago
Pt is a
Carpenter

DISPENSE AS WRITTEN

IS PRESCRIPTION WILL BE FILLED GENERICALLY.
ESS PRESCRIBER WRITES "D.A.W." IN THE BOX BELOW.

Times

Label

Dispense As Written

NFP 196739

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 99-03293 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 084-58-2624 | |
| EYES | HAIR |
| BRO | BRO |
| WEIGHT | HEIGHT |
| 220 lbs. | 5 ft. 04 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 1687, New York, NY 10014-0687

1591970

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (01/93)
G - SUPERVISOR (01/93)

CHRISTOPHER E O'GRADY
1213 3RD ST
RENSSELAER NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: O'GRADY CHRISTOPHER E

Social Security #: 084-58-2624

Date Examined: 08-01-01

Employer: CLASSIC ENVIR INC

Dear MR. THOMAS PERRAULT:

After conducting a physical examination on the above named individual including a review of their past medical history, a pulmonary function test, and a chest x-ray if indicated, I have determined that he/she has no detectable medical conditions that would place him/her at risk of material health impairment from exposure to asbestos in accordance with OSHA 1910.1001 and OSHA 1926.1101.

He/she is also physically and medically qualified to wear respirator protection in accordance with OSHA 1910.134.

Recommendations:

[X] Found fit to use the following respirators:

- [X] Filter Respirator (Dust mask)
- [X] Cartridge Respirator
- [X] Powered Air-Purifying Respirator (PAPR)
- [X] Supplied Air Respirator
- [X] Self Contained Breathing Apparatus (SCBA)

[X] The employee has been informed of the results of the medical examination.

[ ] The employee has been informed of the increased risk of lung cancer attributable to the combined effects of smoking and asbestos exposure.

Comments:

08-01-01
Date

Russell P. Beaudin
Signature of Examining Personnel

6/16/99 Asbestos Clearance

RMF0151

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

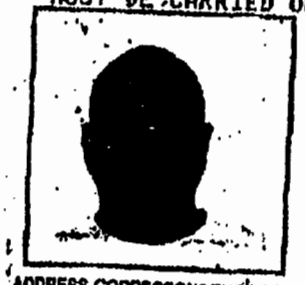
ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (05/02)

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY 12307

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

MUST BE CARRIED ON ASBESTOS PROJECTS



ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

| CERTIFICATE NUMBER | |
|---|---|
| AH 00-16886 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 095-60-9316 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 210 lbs. | ft. 07 in. |

181299C

Eastern New York Occupational & Environmental Health Center

1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

## PHYSICAL EXAMINATION

Name: Ricardo Welsh Date: 6/26/01

Patient D.O.B.: 5/20/70

214 (NB) Height 5'7" Weight 205 BP 130, 80 P 65 R Repeat BP if elevated

Visual Acuity
Without Glasses:
Distance: Left / Right /
Near: Left / Right /
With Glasses:
Distance: Left / Right /
Near: Left / Right /

| HEAD & NECK | Not done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| Head, Scalp | | | | |
| Lids, Sclera, Conj. | | | | |
| Eye Muscles | | | | |
| Pupils | | | | |
| Fundi | | | | |
| Ears | | | | |
| Nose/Sinuses | | | | |
| Teeth/Gums | | | | |
| Pharynx | | | | |
| Thyroid | | | | |
| Neck Glands | | | | |
| Carotids | | | | |
| **CHEST** | | | | |
| Lungs | | | | |
| Heart | | | | |
| Breasts/Ax. Nodes | | | | |
| **ABDOMINAL** | | | | |
| Abdominal tenderness | | | | |
| Liver/Spleen | | | | |
| Abdominal bruits | | | | |
| Inguinal Canal/Hernia | | | | |
| Inguinal Nodes | | | | |
| Aorta | | | | |
| **DERMATOLOGICAL** | | | | |
| Skin Lesions | | | | |
| Nail Beds | | | | |
| **EXTREMETIES** | | | | |
| Pulses | | | | |
| Varicose Veins | | | | |
| Pedal Edema | | | | |
| **JOINTS** | | | | |
| Neck | | | | |
| Back | | | | |
| Hips | | | | |
| Upper extremities | | | | |
| Lower extremities | | | | |

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| ***FEMALE GENITALIA*** | | | | |
| External Genitalia | | | | |
| Vagina/Cervix | | | | |
| Uterus/Adnexae | | | | |
| ***MALE GENITALIA*** | | | | |
| Genitalia/Testicular Exam | | | | |
| Prostate | | | | |
| ***RECTAL*** | | | | |
| Anorectal | | | | |
| Stool Guiac | | | | |
| ***NEUROLOGICAL*** | | | | |
| Mental Status | | | | |
| Cranial Nerves | | | | |
| Motor | | | | |
| Sensory | | | | |
| Tendon Reflexes | | | | |
| Romberg/Pronator | | | | |
| Gait/Cerebellar | | | | |
| ***TESTING*** | | | | |
| ECG | | | | |
| Spirometry | | | | |
| Urinalysis | | | | |
| CBC | | | | |
| Chemistry 20 | | | | |
| Audiogram | | | | |
| Chest X-Ray | | | | |

PROBLEMS: Appears healthy.

PLANS: OK full duty no rest.

6/26/01
DATE

L Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

PE.FRM:stpg.disc.forms.0800

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 98-1803 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 460-47-8285 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 180 lbs. | 5 ft. 0 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
- SUPERVISOR (04/92)

JULIUS VALDEZ
69 INGLES
1ST FLOOR
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-443 (04/91)

Re: VALDEZ, Julius III

Social Security #: 460-47-8285

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG IRGANS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

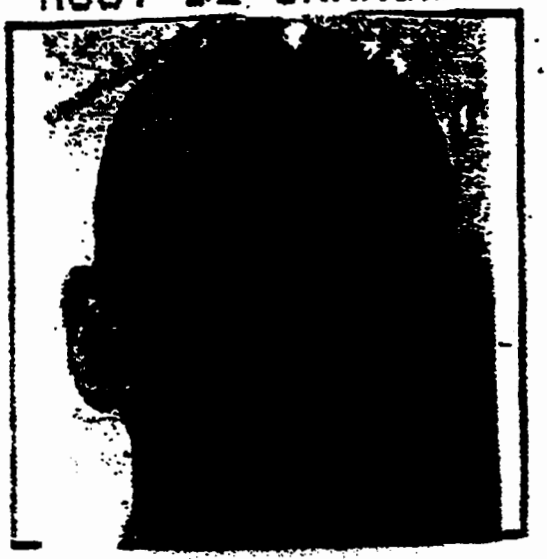
10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 92-02372 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 087-54-4519 | |
| EYES | HAIR |
| BRO | BRO |
| WEIGHT | HEIGHT |
| 150 lbs. | 5 ft. 6 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
OSH - License and Certificate Unit
O Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS:
A - ASBESTOS HANDLER (07/92)

LAWRENCE L ST. ANDREW
1234 TAMARAC
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREWS LAWRENCE

Social Security #: 087-54-4519

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

- [X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.
- [ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).
- [ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018



# *LOZIER ANALYTICAL GROUP*
# *ASBESTOS/LEAD DIVISION*

## ASBESTOS ABATEMENT AIR MONITORING

## 586 MAIN STREET
## E. AURORA, NEW YORK

### *PROJECT :*

**SMALL ROOF FLASHING - ROOF**

**FOR:**

**CLASSIC ENVIRONMENTAL, INC.**
**PO BOX 480**
**CLIFTON PARK, NEW YORK 12065**

**NOVEMBER 1 TO NOVEMBER 2, 2001**

Lozier Analytical Group

Lozier Laboratories, Inc. • 696 North Winton Road • Rochester, NY 14609
716-654-9080 • Fax 716-654-6353

November 7, 2001

Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

Re: Asbestos Abatement Air Monitoring and Analysis: November 1 to November 2, 2001: 586 Main Street, E. Aurora, New York.

Lozier Laboratories, Inc. is pleased to present you with the enclosed Asbestos Abatement Air Monitoring report in regard to the following abatement projects:

- Small Roof Flashing - Roof

**Asbestos Abatement Air Monitoring**

Lozier Laboratories, Inc. provided New York State certified and licensed asbestos air sampling technician John Frisbie (AH 01-12757) to conduct background, pre-abatement, work in progress and final air in accordance with New York State Code Rule 56 and all other applicable state, and local, and federal regulations.

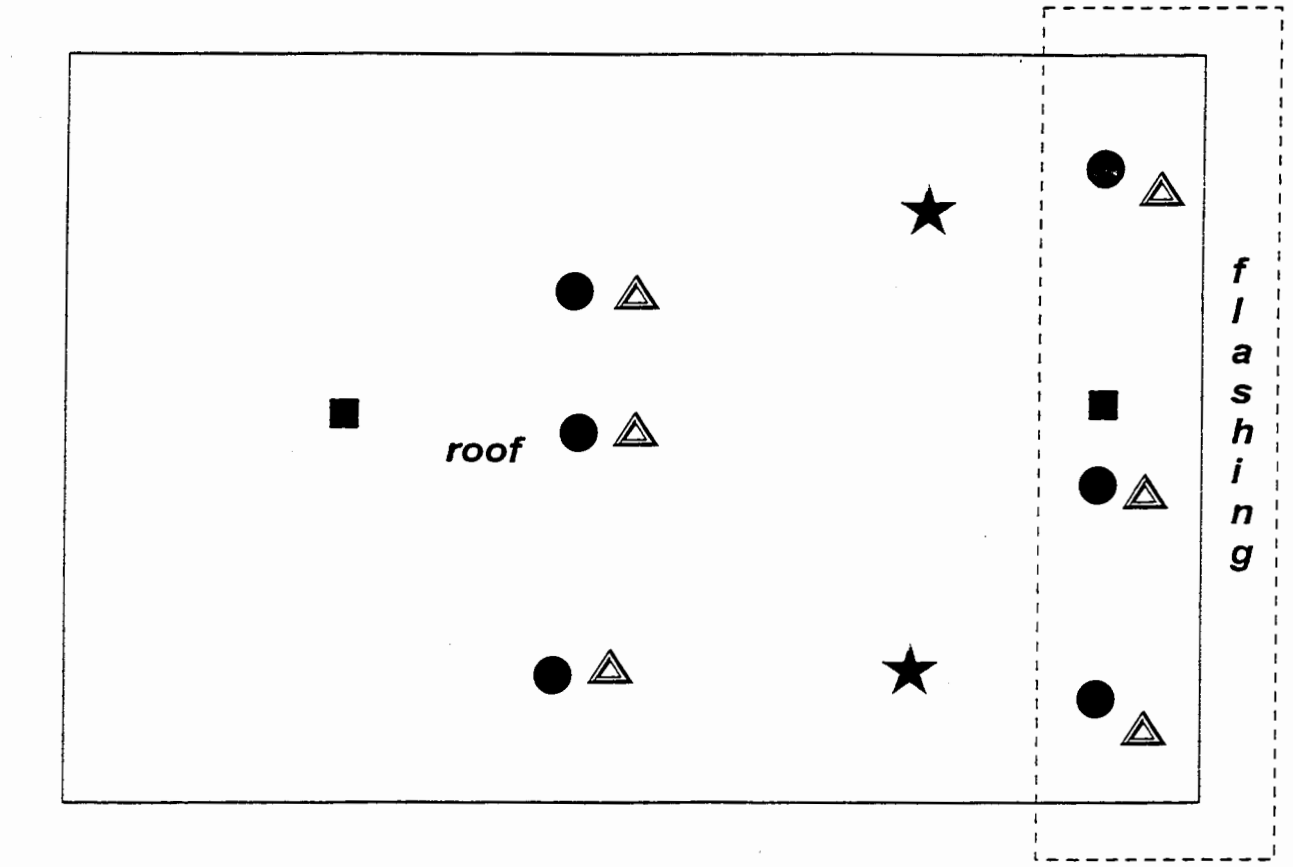
**Air Sample Analysis**

Lozier Laboratories, Inc., which is a New York State Department of Health ELAP (#10390) certified laboratory, conducted the air sample analysis. All samples were analyzed with phase contrast microscopy (PCM) for the determination of air fiber concentrations per cubic centimeter utilizing NIOSH 7400 method. All final PCM clearance samples were <0.01 f/cc or less than background levels as per NYS Code Rule 56. The analytical data and chains of custody are enclosed on the following pages.

Lozier Laboratories, Inc. appreciates this opportunity to provide you with our professional services. If you have any questions please contact me at (716) 654-9080.

Sincerely,

Jeanne K. DeNike
Asbestos/Lead Services




AIR SAMPLING LOCATIONS
ROOF
SMALL ROOF FLASHING

**AIR SAMPLE KEY**

| | |
|---|---|
| BACKGROUND | ■ |
| PRE-ABATEMENT | △ |
| WORK IN PROGRESS | ★ |
| FINAL | ● |

586 MAIN STREET
EAST AURORA, NEW YORK

LOZIER LABORATORIES, INC., OCTOBER 31 TO NOVEMBER 1, 2001

*NOT TO SCALE*

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15076A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Background

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 4

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15076A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15076A-2 | 0-2 | Outside Work Area | 1200 | <0.01 | |
| 15076A-3 | B-1 | Field Blank | | | <0.64 |
| 15076A-4 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400



Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15077A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** **Pre-Abatement**

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15077A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15077A-2 | I-2 | Inside Work Area | 1200 | <0.01 | |
| 15077A-3 | I-3 | Inside Work Area | 1200 | <0.01 | |
| 15077A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15077A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15077A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15077A-7 | B-1 | Field Blank | | | <0.64 |
| 15077A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400



Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15078A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type: Work In Progress**

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 7

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15078A-1 | 0-6 | Outside Work Area | 360 | <0.01 | |
| 15078A-2 | 0-7 | Outside Work Area | 360 | <0.01 | |
| 15078A-3 | 0-8 | Outside Work Area | 360 | <0.01 | |
| 15078A-4 | 0-9 | Outside Work Area | 360 | <0.01 | |
| 15078A-5 | 0-10 | Outside Work Area | 360 | <0.01 | |
| 15078A-6 | B-1 | Field Blank | | | <0.64 |
| 15078A-7 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400



Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15071A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Final

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/02/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC (F/CC) | AIRBORNE CONC (F/MM2) |
|---|---|---|---|---|---|
| 15071A-1 | I-1 | Inside Area | 1200 | <0.01 | |
| 15071A-2 | I-2 | Inside Area | 1200 | <0.01 | |
| 15071A-3 | I-3 | Inside Area | 1200 | <0.01 | |
| 15071A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15071A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15071A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15071A-7 | B-1 | Field Blank | | | <0.64 |
| 15071A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400



Approved By:

15076A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main ST E. Aurora 1st Roof Flash

WORK AREA: Roof

SHIFT: A

(BACKGROUND) PRE-AIR WIP FINAL ENV

| SAMPLE NUMBER: | I1 | 02 | B1 | B2 |
|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 |
| SAMPLE LOCATION: | I1 | 02 | | |
| ROTOMETER NUMBER: | 17 | 17 | | |
| STARTING FLOW RATE: | 10 | 10 | | |
| ENDING FLOW RATE: | 10 | 10 | | |
| AVE. FLOW RATE: (L/MIN) | 10 | 10 | | |
| START TIME: | 1130 | 1131 | | |
| STOP TIME: | 1330 | 1331 | | |
| DURATION: (MIN) | 120 | 120 | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | | |
| FIBERS/FIELDS: | 7.5 | 3 | 0 | 0 |
| FIBERS/cc | <0.01 | <0.01 | NA | NA |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

K-43

RESULTS NEEDED BY:

15077A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

**AIR MONITORING**

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora Isn Root Flashing

WORK AREA: Root

SHIFT: 1st

BACKGROUND (PRE-AIR) WIP FINAL ENV

| SAMPLE NUMBER: | I1 | I2 | I3 | O4 | O5 | O6 | B1 | B2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | O4 | O5 | O6 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | → | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | → | → | → | 10 | | | | | | |
| START TIME: | 1132 | 1132 | 1132 | 1134 | 1134 | 1134 | | | | | | |
| STOP TIME: | 1332 | 1332 | 1332 | 1334 | 1334 | 1334 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | ↓ | ↓ | | | | |
| FIBERS/FIELDS: | 4.5 | 3 | 6 | 0 | 1 | .5 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John M Frisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #



RESULTS NEEDED BY:

15078A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classica Environmental

LOCATION: 586 main st(EAurora) Isa Roof flashing

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR (WIP) FINAL ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | 06 | 07 | 08 | 09 | 010 | B1 | B2 | | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| SAMPLE LOCATION: | 06 | 07 | 08 | 09 | 010 | | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | → | 17 | | | | | | | |
| STARTING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| 'NG FLOW : | 3 | → | | → | 3 | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 3 | → | | → | 3 | | | | | | | |
| START TIME: | 940 | 941 | 942 | 943 | 944 | | | | | | | |
| STOP TIME: | 1140 | 1141 | 1142 | 1143 | 1144 | | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 360 | 360 | 360 | 360 | 360 | ↓ | ↓ | | | | | |
| FIBERS/FIELDS: | 4 | 25 | 1 | 1 | 5 | 0 | 0 | | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: S

SEALED BY: John M Frisbie DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #



RESULTS NEEDED BY:

15071A PCM

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

**AIR MONITORING**

CLIENT NAME: Classic Environmental

LOCATION: 586 Main st. E. Aurora / 5th Roof FL

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR WIP (FINAL) ENV

| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | | | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | | | | 10 | | | | | | |
| START TIME: | 12:00 | 12:00 | 12:00 | 12:01 | 12:01 | 12:01 | | | | | | |
| STOP TIME: | 2:00 | 2:00 | 2:00 | 2:01 | 2:01 | 2:01 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | | | | | | |
| FIBERS/FIELDS: | 2 | 3.5 | 1.5 | .5 | 1 | 1 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/2/01

TRANSPORTED FROM: 586 Main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: 5

SEALED BY: John McGrath DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/2/01

CASSETTE LOT #

RESULTS NEEDED BY:

**AES - *Alternative Environmental Services Inc*** Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 839-5696

AES Project #: C01-895 Page: 01 NIOSH Method 7400 Modified CRS (NIOSH A) Rules ELAP #11701

| Client: | Project Description: | Agency: | Phase: | Project Location: |
|---|---|---|---|---|
| Classic Enviromental Inc. | Insulation | AES, Inc. | FINALS | 588 Main Street, East Andora |

| Client Address: | City State: | Sample: | Blanks: | Total: | Sample Date: | Sample Recd: | Analyze Date: |
|---|---|---|---|---|---|---|---|
| P.O.Box 480 | Clifton Park, NY 12065 | 6 | 2 | 8 | 12/03/01 | 12/03/01 | 12/04/01 |

| Client Contact: | Phone #: | Fax #: | Project#: | Lab#: | Find#: |
|---|---|---|---|---|---|
| Greg Streeter | 518-664-1209 | 518-664-1209 | C01-895 | 01-1072 | E20-29 |

## Test Results

| Sample# | Sample Identification | Fibers/Field | Vol.(liters) | Filter Size | Concentration or Density |
|---|---|---|---|---|---|
| 1 | Inside Work Area | 0/100 | 1300 | 25mm | 0.000 |
| 2 | Inside Work Area | 1/100 | 1320 | 25mm | 0.000 |
| 3 | Inside Work Area | 0/100 | 1320 | 25mm | 0.000 |
| 4 | Outside Work Area | 0/100 | 1350 | 25mm | 0.000 |
| 5 | Outside Work Area | 0/100 | 1370 | 25mm | 0.000 |
| 6 | Outside Work Area | 0/100 | 1390 | 25mm | 0.000 |
| 7 | Field Blank #1 | 0/100 | 0 | 25mm | ------ |
| 8 | Field Blank #2 | 0/100 | 0 | | ------ |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

COMMENTS: ANALYZED BY:

** LOD - Limit of Detection - 7.0 f/mm²
* LOQ - Lowest Level of Reliable Quantification

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

No 78874 **WASTE SHIPMENT RECORD** S.T.G. # 1459

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR. C's Clemens Rotary | MR C's Clemens 586 Main Street E. Aurora, New York | 941-942-7100 |

| 2. Removal Contractor: Name/Address | Contractor: Phone # |
|---|---|
| Classic Environmental, Inc. P.O. Box 480 Clifton Park, NY 12065 Contact: Craig Ingalls | 518-384-1200 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials Specify Friable or Non-Friable | Containers No. | Type | Total Quantity |
|---|---|---|---|
| Non friable Roofing material | | Non-friable | 40 Bags. |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | [signature] | 11/02/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | Telephone No. |
|---|---|---|
| | Signature: _____ Printed Name: _____ Title: | Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007 Profile #00534 | Signature: [signature] Printed Name: Jeremy Title: Driver | 877-999-9559 Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683 Permit No. 100281 | Signature: Denise L. Rugg Printed Name: NOV 28 2001 Title: | 724-887-9400 Date |

WHITE-Disposal Site • GREEN-S.T.G. • YELLOW-Generator

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 94678 **WASTE SHIPMENT RECORD** S.T.G. # ___

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR C's CLEANERS<br>Roof VENT. | MR C's CLEANERS<br>77 MAIN STREET<br>EAST AURORA, N.Y | N/A |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1209 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. | Type | Total Quantity |
|---|---|---|---|
| Asbestos Covering of Heat Vent | — | Non-Friable | 1-BAG |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and corr to the best of my knowledge. If the waste shipment is not as I stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generat expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | Craig Ingalls | 12/3/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Telephone No.<br>Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: _____<br>Printed Name: _____<br>Title: | Telephone No.<br>877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification
(Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: _____<br>Printed Name: _____<br>Title: _____ | Telephone No.<br>724-887-9400<br>Date |

# CLASSIC ENVIRONMENTAL INC.

# ASBESTOS CLOSE-OUT

Mr. C's Dry Cleaners
Main Street
East Aurora, NY

GC: The Tyree Organization LTD.
4 Northway Lane
Albany, NY 12110

STATE OF NEW YORK - DEPARTMENT OF LABOR
**DIVISION OF SAFETY AND HEALTH**
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

# ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 01-1252
DATE OF ISSUE: 02/14/01
EXPIRATION DATE: 02/28/02

Contractor: Classic Environmental Inc.

Address: P.O. Box 480
Clifton Park, NY 12065

Duly Authorized Representative: Craig Ingalls

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

# ACORD. CERTIFICATE OF LIABILITY INSURANCE

GSR CP CLASS-6

DATE (MM/DD/YY) 10/02/01

PRODUCER

Angers & Litz Associates, Inc.
15 Angers Avenue
Schenectady NY 12303
Phone: 518-355-8030 Fax:518-355-0054

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

| | |
|---|---|
| INSURER A: | American Safety Cas Ins Co |
| INSURER B: | 239 New York Casualty Ins Co. |
| INSURER C: | |
| INSURER D: | |
| INSURER E: | |

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS | |
|---|---|---|---|---|---|---|
| A | GENERAL LIABILITY<br>X COMMERCIAL GENERAL LIABILITY<br>CLAIMS MADE X OCCUR<br>X Professional Liab<br>X Pollution Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER<br>X POLICY PRO-JECT LOC | POL 01-2344-001 | 05/22/01 | 05/22/02 | EACH OCCURRENCE<br>FIRE DAMAGE (Any one fire)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG | $ 1000000<br>$ 50000<br>$ 5000<br>$ 1000000<br>$ 2000000<br>$ 2000000 |
| B | AUTOMOBILE LIABILITY<br>ANY AUTO<br>ALL OWNED AUTOS<br>X SCHEDULED AUTOS<br>X HIRED AUTOS<br>X NON-OWNED AUTOS | BA 5E 23 58 | 08/25/01 | 08/25/02 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident) | $ 300000<br>$<br>$<br>$ |
| | GARAGE LIABILITY<br>ANY AUTO | | | | AUTO ONLY - EA ACCIDENT<br>OTHER THAN AUTO ONLY: EA ACC<br>AGG | $<br>$<br>$ |
| | EXCESS LIABILITY<br>OCCUR CLAIMS MADE<br>DEDUCTIBLE<br>RETENTION $ | | | | EACH OCCURRENCE<br>AGGREGATE | $<br>$<br>$<br>$<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | WC-00002082000-00 | 05/22/01 | 05/22/02 | X WC STATUTORY LIMITS OTHER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | $ 100000<br>$ 100000<br>$ 500000 |
| | OTHER | | | | | |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Certificate holder is additional insured under general liability coverage.
Project: Mr. C's Cleaners, 586 Main Street, East Aurora, NY

CERTIFICATE HOLDER | Y | ADDITIONAL INSURED; INSURER LETTER: A

TYREE01

Tyree Organization
4 Northway Lane
Latham NY 12110

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

Donald R. Litz

ACORD 25-S (7/97)

©ACORD CORPORATION 1988

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST ANDOVER NY

PROJECT Tykee WEATHER 50° cloudy

SUPERVISOR SIGNATURE [signature] PRINT Greg Streeter

| TIME | DESCRIPTION OF WORK |
|---|---|
| 0800 | ON Site with 3 Laborers / met with Tykee (Robert Glow) we will be having a safety meeting prior to any work on Site / Safety meeting conducted by Tykee safety man / Decon trailer moved to Side of Bldg / 3 Stage OSHA Decon Set up in the trailer / water hose to trailer and hook / tools and equipment moved into the hot / Safety Cones Set up / Barrier tape Set up / |
| 1000 | Starting to do removal of the Brick flashing - Approximately 75' of Acm to be removed / Debris Area and cut the Cone with the Cutter / There is a metal sheeting over Layer the wooden Roof - we are going to do Removal Down to the wooden Roof / wetting Back - Bagging and Putting Bags near the Curbing |
| 1200 | All of the flashing is off the wall and Being wetted - Bagged and cleaned - Doing a final cleaning of the work area / All waste - tools and equipment off the Bldg and we are going to put up the Fire and water shield for a temporary water tight of the wall |
| 1400 | Decon to Down - All Waste loaded - we will be returning in 2-3 weeks to do Removal of the 100 Sq Ft of Duct Insulation - |
| | GLS |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: Tyree Organization | PROJECT #: |
| LOCATION: 586 main ST EAST AURORA NY | DATE: 11/2/01 |
| SUPERVISOR: Greg Streeter | SHIFT: Days |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Julius Valdez | 466 47 8285 | 0800 | 1400 | | |
| ~~LARRY Stidham~~ | 087-54-4557 | 0800 | 1400 | | |
| ~~RICHARD~~ WELSH | 095-60-9316 | 0800 | 1400 | | |
| | | | | | |
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| Greg Streeter | 161-54-5719 | 0800 | 1400 | | |
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**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| John Frisbie | 447-80-9919 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 12/3/01 LOCATION Roof

PROJECT Mr. C's Cleaners WEATHER Sunny 45°

SUPERVISOR SIGNATURE [signature] PRINT CRAIG INGALLS

| TIME | DESCRIPTION OF WORK |
|---|---|
| 9:00 | Arrived on Site, met with Site Supervisor walked project started to set up pop-up Measured Asbestos only 5m Section 12 feet will glovebag pickch |
| 9:30 | Pop-up built and up starting to suit up And glovebag being put-up! Know. |
| 10:00 | glovebag finished Also will take ALL fiber glas thats Around unit ALL but whats in Duct work |
| 11:00 | Starting to pick-up. Supplies And take down pop-up |
| 11:30 | puting unit Sides back on should be off Site in 1/2 hour job complete |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: | PROJECT #: |
| LOCATION: MR. C's CLEANERS | DATE: 12/3/01 |
| SUPERVISOR: CRAIG INGALLS | SHIFT: DAY |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| CRAIG INGALLS | 122-36-1024 | 9:00 | 12:00 | | |
| RICHARD WELSH | 095609316 | 9:00 | 12:00 | | |
| Chas O'Grady | 084-58-2624 | 8:00 | 12:00 | | |
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**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| JASON BARADY | 072-68-4209 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

PO BOX 480, CLIFTON PARK, NY 12065-0480 PH/FX (518) 664-1209

# CEI

CLASSIC ENVIRONMENTAL INC.

## SAFETY MEETING DAILY LOG

Date: 12/3/01 Conducted By: Craig Ingalls

Project: MR C's Cleaners

Location: Roof top Unit.

TOPIC OF DISCUSSION: Fall Protection

ACCIDENTS REVIEWED:

OTHER:

| LIST OF ATTENDEES (Name & SS#) | |
|---|---|
| 1) Craig Ingalls 122-36-1024 | 8) |
| 2) Chris O'Grady 084-58-2624 | 9) |
| 3) Ricardo Welsh 095-60-9316 | 10) |
| 4) | 11) |
| 5) | 12) |
| 6) | 13) |
| 7) | 14) |

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 95-18708 | |
| EXPIRES | |
| | |
| SOCIAL SECURITY NUMBER | |
| 110-54-5579 | |
| EYES | HAIR |
| HAZ | RED |
| WEIGHT | HEIGHT |
| 210 lbs. | 6 ft. 01 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1900793

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/91)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREETER, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

24 APR '01
Date

Russell B Beacock DMD
Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

**GREGORY STREETER**
19B Riverside Ave.
Rensselaer, New York 12144
518-434-3847

Personal Objective:

To obtain a position in a company that will be beneficial to both the company and myself.

Education:

MSHA Certified Safety Instructor, Dept. of Labor, Albany, New York
Federal Certification
Gouverneur High School, Gouverneur, New York
High School Diploma 1983

Qualification:

-Employee hiring, training, and supervision
-Understanding of field payroll, estimating, job costing, and field Conditions
-Coordinated daily, weekly, and monthly schedules for projects, sub contractors, and office/field staff
-Project manager for projects ranging from $1,000 to $2,000,000
-In charge of multiple projects at the same time
-Estimating of jobs ranging from $500 to $100,000
-Marketing and networking via phone, mail, fax, and personal contact
-Certificates held NYS asbestos supervisor, NY City asbestos supervisor, Vermont asbestos supervisor, and Maine asbestos supervisor
-Understanding on how to handle clients & negotiations

Employment History:

| | |
|---|---|
| 5/01 – Present | Classic Environmental Inc., / Clifton Park, NY<br>Manager |
| 4/00 – 2/01 | Allied Environmental Services, Inc / Rensselaer, NY<br>Operations Manager |
| 5/98 – 2/00 | Environmental Products & Services, Inc / Albany, NY<br>Project Manager/Operation Manager |
| 4/95-5/98 | A+ Environmental Services Inc, Rensselaer, NY<br>Project Manager/Project Supervisor |
| 2/95-4/95 | MARCO Remediation, Albany, New York<br>Field Employee |

References: Available upon request

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 05-11403 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 122-36-1024 | |
| EYES | HAIR |
| BRO | GRY |
| WEIGHT | HEIGHT |
| 250 lbs. | 5 ft. 10 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

DOSH-442 (01/97)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
G (06/01), H (06/02)

CRAIG P INDALLS
163 ANTHONY RD
CLIFTON PARK, NY 12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

CLIFTON PARK FAMILY MEDICINE
SHELLEY R. JUSTA, M.D.
DEA # BJ 0706480 L.I.C. # 191224
STEPHEN P. ROMEO, M.D.
DEA # BR 3189081 L.I.C. # 178448
EDWARD NAUMOWICZ, P.A.
DEA # MN 0344378 L.I.C. # 001507-1
2 CHELSEA PLACE, SUITE 100
CLIFTON PARK, NY 12065
(518) 383-2280

Chest x-ray

AGE 44 yo

DATE 11/8/01

SIG. 1 vial

GOAL IF NOT SAFETY BLUE BACKGROUND

Pt had a PE
Hx of asbestos exposure several
months ago
Comp

DIS PRESCRIPTION WILL BE FILLED GENERICALLY.
SS PRESCRIBER WRITES "D.A.W." IN THE BOX BELOW.

Dispense As Written

Times

Label

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 99-03293 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 084-58-2624 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 220 lbs. | HEIGHT: 5 ft. 04 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1591970

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (01/03)
C - SUPERVISOR (01/03)

CHRISTOPHER E O'GRADY
1213 3RD ST
RENSSELAER NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

Re: O'GRADY, CHRISTOPHER E

Social Security #: 084-58-2624

Date Examined: 08-01-01

Employer: CLASSIC ENVIR INC

Dear MR. THOMAS PERRAULT:

After conducting a physical examination on the above named individual including a review of their past medical history, a pulmonary function test, and a chest x-ray if indicated, I have determined that he/she has no detectable medical conditions that would place him/her at risk of material health impairment from exposure to asbestos in accordance with OSHA 1910.1001 and OSHA 1926.1101.

He/she is also physically and medically qualified to wear respirator protection in accordance with OSHA 1910.134.

Recommendations:

[X] Found fit to use the following respirators:

- [X] Filter Respirator (Dust mask)
- [X] Cartridge Respirator
- [X] Powered Air-Purifying Respirator (PAPR)
- [X] Supplied Air Respirator
- [X] Self Contained Breathing Apparatus (SCBA)

[X] The employee has been informed of the results of the medical examination.

[ ] The employee has been informed of the increased risk of lung cancer attributable to the combined effects of smoking and asbestos exposure.

Comments:

08-01-01
Date

Russell P Beaudin
Signature of Examining Personnel

6/16/99 Asbestos Clearance

RMF0151

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (05/02)

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY 12307

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 00-10886 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 095-60-9316 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 210 lbs. | 5 ft. 07 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

181299C

10/29/2001 16:19 7427-985-818 CHUNG CHANG K-71

Eastern New York Occupational & Environmental Health Center

1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

## PHYSICAL EXAMINATION

Name: Ricardo Welsh Date: 6/26/01

Patient D.O.B.: 5/20/70

214 (NB) 205 Height 5'7" Weight 130, BP 80 P 65 R Repeat BP if elevated

Visual Acuity
Without Glasses:
Distance: Left / Right /
Near: Left / Right /
With Glasses:
Distance: Left / Right /
Near: Left / Right /

| | Not done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| **HEAD & NECK** | | | | |
| Head, Scalp | | | | |
| Lids, Sclera, Conj. | | | | |
| Eye Muscles | | | | |
| Pupils | | | | |
| Fundi | | | | |
| Ears | | | | |
| Nose/Sinuses | | | | |
| Teeth/Gums | | | | |
| Pharynx | | | | |
| Thyroid | | | | |
| Neck Glands | | | | |
| Carotics | | | | |
| **CHEST** | | | | |
| Lungs | | | | |
| Heart | | | | |
| Breasts/Ax. Nodes | | | | |
| **ABDOMINAL** | | | | |
| Abdominal tend/masses | | | | |
| Liver/Spleen | | | | |
| Abdominal bruits | | | | |
| Inguinal Canal/Hernia | | | | |
| Inguinal Nodes | | | | |
| Aorta | | | | |
| **DERMATOLOGICAL** | | | | |
| Skin Lesions | | | | |
| Nail Beds | | | | |
| **EXTREMETIES** | | | | |
| Pulses | | | | |
| Varicose Veins | | | | |
| Pedal Edema | | | | |
| **JOINTS** | | | | |
| Neck | | | | |
| Back | | | | |
| Hips | | | | |
| Upper extremities | | | | |
| Lower extremities | | | | |

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| ***FEMALE GENITALIA*** | | | | |
| External Genitalia | | | | |
| Vagina/Cervix | | | | |
| Uterus/Adnexae | | | | |
| ***MALE GENITALIA*** | | | | |
| Genitalia/Testicular Exam | | | | |
| Prostate | | | | |
| ***RECTAL*** | | | | |
| Ano-rectal | | | | |
| Stool Guiac | | | | |
| ***NEUROLOGICAL*** | | | | |
| Mental Status | | | | |
| Cranial Nerves | | | | |
| Motor | | | | |
| Sensory | | | | |
| Tendon Reflexes | | | | |
| Romberg/Pronator | | | | |
| Gait/Cerebellar | | | | |
| ***TESTING*** | | | | |
| ECG | | | | |
| Spirometry | | | | |
| Urinalysis | | | | |
| CBC | | | | |
| Chemistry 20 | | | | |
| Audiogram | | | | |
| Chest X-Ray | | | | |

| PROBLEMS: | PLANS: |
|---|---|
| Appears healthy. | OK full duty no restr. |

6/26/01
DATE

L Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

PE.FRM.istpg.doc.forms.0600

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 98-1803 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 460-47-8285 | |
| EYES: BRO | HAIR: BLK |
| WEIGHT: 180 lbs. | HEIGHT: 5ft. 0in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
3 - SUPERVISOR (04/02)

JULIUS VALDEZ
69 INGLES
1ST FLOOR
TROY, NY 1218[illegible]

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-AAC (01/01)

Re: VALDEZ, Jucius III

Social Security #: 480-47-8285

Date Examined: 10-29-01

Employer: CET

Dear CRAIG INSALS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

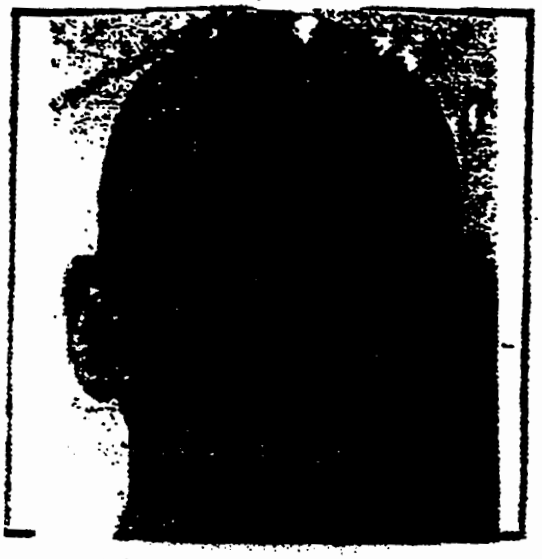
10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 92-02372 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 087-54-4519 | |
| EYES | HAIR |
| BRO | BRO |
| WEIGHT | HEIGHT |
| 150lbs. | 5ft. 4in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
OSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
A - ASBESTOS HANDLER (07/93)

LAWRENCE L ST. ANDREW
1234 TAMARAC
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREWS, LAWRENCE

Social Security #: 087-54-4519

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018



*LOZIER ANALYTICAL GROUP*
*ASBESTOS/LEAD DIVISION*

# ASBESTOS ABATEMENT AIR MONITORING

## 586 MAIN STREET
## E. AURORA, NEW YORK

***PROJECT :***

SMALL ROOF FLASHING - ROOF

FOR:

CLASSIC ENVIRONMENTAL, INC.
PO BOX 480
CLIFTON PARK, NEW YORK 12065

NOVEMBER 1 TO NOVEMBER 2, 2001

# Lozier Analytical Group

Lozier Laboratories, Inc. • 696 North Winton Road • Rochester, NY 14609
716-654-9080 • Fax 716-654-6353


November 7, 2001

Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

Re: Asbestos Abatement Air Monitoring and Analysis: November 1 to November 2, 2001: 586 Main Street, E. Aurora, New York.

Lozier Laboratories, Inc. is pleased to present you with the enclosed Asbestos Abatement Air Monitoring report in regard to the following abatement projects:

- Small Roof Flashing - Roof

**Asbestos Abatement Air Monitoring**

Lozier Laboratories, Inc. provided New York State certified and licensed asbestos air sampling technician John Frisbie (AH 01-12757) to conduct background, pre-abatement, work in progress and final air in accordance with New York State Code Rule 56 and all other applicable state, and local, and federal regulations.

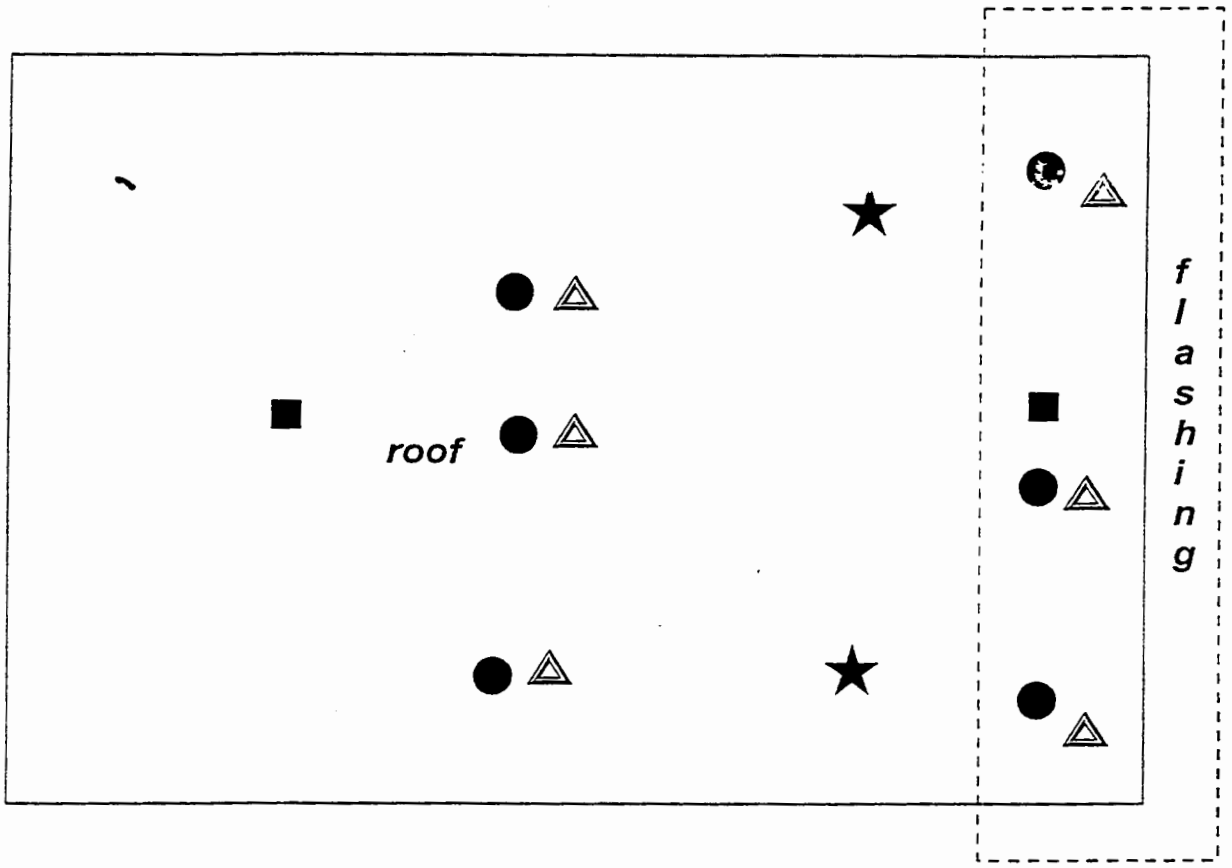
**Air Sample Analysis**

Lozier Laboratories, Inc., which is a New York State Department of Health ELAP (#10390) certified laboratory, conducted the air sample analysis. All samples were analyzed with phase contrast microscopy (PCM) for the determination of air fiber concentrations per cubic centimeter utilizing NIOSH 7400 method. All final PCM clearance samples were <0.01 f/cc or less than background levels as per NYS Code Rule 56. The analytical data and chains of custody are enclosed on the following pages.

Lozier Laboratories, Inc. appreciates this opportunity to provide you with our professional services. If you have any questions please contact me at (716) 654-9080.

Sincerely,

Jeanne K. DeNike
Asbestos/Lead Services




AIR SAMPLING LOCATIONS
ROOF
SMALL ROOF FLASHING

AIR SAMPLE KEY

| | |
|---|---|
| BACKGROUND | ■ |
| PRE-ABATEMENT | △ |
| WORK IN PROGRESS | ★ |
| FINAL | ● |

586 MAIN STREET
EAST AURORA, NEW YORK

LOZIER LABORATORIES, INC., OCTOBER 31 TO NOVEMBER 1, 2001
*NOT TO SCALE*

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15076A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Background

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 4

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15076A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15076A-2 | 0-2 | Outside Work Area | 1200 | <0.01 | |
| 15076A-3 | B-1 | Field Blank | | | <0.64 |
| 15076A-4 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15077A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Pre-Abatement

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15077A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15077A-2 | I-2 | Inside Work Area | 1200 | <0.01 | |
| 15077A-3 | I-3 | Inside Work Area | 1200 | <0.01 | |
| 15077A-4 | O-4 | Outside Work Area | 1200 | <0.01 | |
| 15077A-5 | O-5 | Outside Work Area | 1200 | <0.01 | |
| 15077A-6 | O-6 | Outside Work Area | 1200 | <0.01 | |
| 15077A-7 | B-1 | Field Blank | | | <0.64 |
| 15077A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15078A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Work In Progress

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 7

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15078A-1 | 0-6 | Outside Work Area | 360 | <0.01 | |
| 15078A-2 | 0-7 | Outside Work Area | 360 | <0.01 | |
| 15078A-3 | 0-8 | Outside Work Area | 360 | <0.01 | |
| 15078A-4 | 0-9 | Outside Work Area | 360 | <0.01 | |
| 15078A-5 | 0-10 | Outside Work Area | 360 | <0.01 | |
| 15078A-6 | B-1 | Field Blank | | | <0.64 |
| 15078A-7 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15071A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Final

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/02/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15071A-1 | I-1 | Inside Area | 1200 | <0.01 | |
| 15071A-2 | I-2 | Inside Area | 1200 | <0.01 | |
| 15071A-3 | I-3 | Inside Area | 1200 | <0.01 | |
| 15071A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15071A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15071A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15071A-7 | B-1 | Field Blank | | | <0.64 |
| 15071A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

15076A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main ST E. Aurora 1st Roof Flash

WORK AREA: Roof

SHIFT: A

(BACKGROUND) PRE-AIR WIP FINAL ENV

| SAMPLE NUMBER: | I1 | 02 | B1 | B2 |
|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 |
| SAMPLE LOCATION: | I1 | 02 | | |
| ROTOMETER NUMBER: | 17 | 17 | | |
| STARTING FLOW RATE: | 10 | 10 | | |
| ENDING FLOW RATE: | 10 | 10 | | |
| FLOW RATE: (L/MIN) | 10 | 10 | | |
| START TIME: | 1130 | 1131 | | |
| STOP TIME: | 1330 | 1331 | | |
| DURATION: (MIN) | 120 | 120 | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | ↓ | ↓ |
| FIBERS/FIELDS: | 7.5 | 3 | 0 | 0 |
| FIBERS/cc | <0.01 | <0.01 | NA | NA |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15078A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

**AIR MONITORING**

CLIENT NAME: Classic Environmental

LOCATION: 586 main st (E Aurora) Isa Roof Flashing

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR (WIP) FINAL ENV

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | 06 | 07 | 08 | 09 | 010 | B1 | B2 | | | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | |
| SAMPLE LOCATION: | 06 | 07 | 08 | 09 | 010 | | | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | 17 | | | | | | | | |
| STARTING FLOW RATE: | 3 | → | → | → | 3 | | | | | | | | |
| ENDING FLOW RATE: | 3 | → | → | → | 3 | | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 3 | → | → | → | 3 | | | | | | | | |
| START TIME: | 940 | 941 | 942 | 943 | 944 | | | | | | | | |
| STOP TIME: | 1140 | 1141 | 1142 | 1143 | 1144 | | | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 360 | 360 | 360 | 360 | 360 | ↓ | ↓ | | | | | | |
| FIBERS/FIELDS: | 4 | 2.5 | 1 | 1 | 5 | 0 | 0 | | | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main st DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: S

SEALED BY: John M Frisbie DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15071A PCM

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 Main St. E. Aurora Isn Roof fl

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR WIP (FINAL) ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION; | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | | | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| ENDING FLOW TE: | 10 | → | | | | 10 | | | | | | |
| VE. FLOW RATE: (L/MIN) | 10 | → | | | | 10 | | | | | | |
| START TIME: | 12:00 | 12:00 | 12:00 | 12:01 | 12:01 | 12:01 | | | | | | |
| STOP TIME: | 2:00 | 2:00 | 2:00 | 2:01 | 2:01 | 2:01 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | | | | | | |
| FIBERS/FIELDS: | 2 | 3.5 | 1.5 | .5 | 1 | 1 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/2/01

TRANSPORTED FROM: 586 Main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: S

SEALED BY: John McGrath DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

MMENTS:

11/2/01

CASSETTE LOT #

RESULTS NEEDED BY:

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

No 78874 **WASTE SHIPMENT RECORD** S.T.G. # 11149

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR. C's Cleaners Roof | MR C's CLEANERS 586 MAIN STREET E. AURORA, NEW YORK | 914-652-7200 |

| 2. Removal Contractor: Name/Address | Contractor: Phone # |
|---|---|
| Classic Environmental, Inc. P.O. Box 430 Clifton Park, NY 12065 Contact: Craig Ingalls | 518-664-1200 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials Specify Friable or Non-Friable | Containers No. | Type | Total Quantity |
|---|---|---|---|
| NON FRIABLE ROOFING MATERIAL | | NON-FRIABLE | 20 BAGS. |
| | | | |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

*This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator' expense.*

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | | 11/02/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | |
|---|---|---|
| | Signature: _____ Printed Name: _____ Title: | Telephone No. Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | |
|---|---|---|
| Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007 Profile #00534 | Signature: [signature] Printed Name: [illegible] Title: Driver | Telephone No. 877-999-9559 Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | |
|---|---|---|
| Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683 Permit No. 100281 | Signature: Denise L. Rugg Printed Name: NOV 28 2001 Title: _____ | Telephone No. 724-887-9400 Date |

WHITE-Disposal Site • GREEN-S.T.G. • YELLOW-Transporter • PINK-Generator

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 94678 **WASTE SHIPMENT RECORD** S.T.G. # _____

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR C's CLEANERS<br>Roof Vent. | MR. C's CLEANERS<br>77 MAIN STREET<br>EAST AURORA, N.Y | N/A |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1209 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. | Type | Total Quantity |
|---|---|---|---|
| Asbestos Covering of Heat Vent | — | Non-Friable | 1-Bag |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as I stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | Craig Ingalls | 12/3/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Telephone No.<br>Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: _____<br>Printed Name: _____<br>Title: | Telephone No.<br>877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification
(Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: _____<br>Printed Name: _____<br>Title: _____ | Telephone No.<br>724-887-9400<br>Date |

# CLASSIC ENVIRONMENTAL INC.

# ASBESTOS CLOSE-OUT

Mr. C's Dry Cleaners
Main Street
East Aurora, NY

GC: The Tyree Organization LTD.
4 Northway Lane
Albany, NY 12110

STATE OF NEW YORK - DEPARTMENT OF LABOR
**DIVISION OF SAFETY AND HEALTH**
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

# ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 01-1252
DATE OF ISSUE: 02/14/01
EXPIRATION DATE: 02/28/02

Contractor: Classic Environmental Inc.

Address: P.O. Box 480
Clifton Park, NY 12065

Duly Authorized Representative: Craig Ingalls

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

# ACORD. CERTIFICATE OF LIABILITY INSURANCE

ESR CP CLASS-6

DATE (MM/DD/YY) 10/02/01

PRODUCER

Angers & Litz Associates, Inc.
15 Angers Avenue
Schenectady NY 12303
Phone: 518-355-8030 Fax:518-355-0054

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

INSURER A: American Safety Cas Ins Co
INSURER B: 239 New York Casualty Ins Co.
INSURER C:
INSURER D:
INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS | |
|---|---|---|---|---|---|---|
| A | GENERAL LIABILITY<br>X COMMERCIAL GENERAL LIABILITY<br>CLAIMS MADE [X] OCCUR<br>X Professional Liab<br>X Pollution Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER<br>X POLICY PRO-JECT LOC | POL 01-2344-001 | 05/22/01 | 05/22/02 | EACH OCCURRENCE<br>FIRE DAMAGE (Any one fire)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG | $ 1000000<br>$ 50000<br>$ 5000<br>$ 1000000<br>$ 2000000<br>$ 2000000 |
| B | AUTOMOBILE LIABILITY<br>ANY AUTO<br>ALL OWNED AUTOS<br>X SCHEDULED AUTOS<br>X HIRED AUTOS<br>X NON-OWNED AUTOS | BA 5E 23 58 | 08/25/01 | 08/25/02 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident) | $ 300000<br>$<br>$<br>$ |
| | GARAGE LIABILITY<br>ANY AUTO | | | | AUTO ONLY - EA ACCIDENT<br>OTHER THAN AUTO ONLY: EA ACC<br>AGG | $<br>$<br>$ |
| | EXCESS LIABILITY<br>OCCUR CLAIMS MADE<br>DEDUCTIBLE<br>RETENTION $ | | | | EACH OCCURRENCE<br>AGGREGATE | $<br>$<br>$<br>$<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | WC-00002092000-00 | 05/22/01 | 05/22/02 | X WC STATUTORY LIMITS OTHER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | $ 100000<br>$ 100000<br>$ 500000 |
| | OTHER | | | | | |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Certificate holder is additional insured under general liability coverage.
Project: Mr. C's Cleaners, 586 Main Street, East Aurora, NY

CERTIFICATE HOLDER | Y | ADDITIONAL INSURED; INSURER LETTER: A

TYREEO1

Tyree Organization
4 Northway Lane
Latham NY 12110

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

Leonard R. Litz

ACORD 25-S (7/97)

©ACORD CORPORATION 1988

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST ARLINGTON NY

PROJECT Tyree WEATHER 50° cloudy

SUPERVISOR SIGNATURE [signature] PRINT Greg Streeter

| TIME | DESCRIPTION OF WORK |
|---|---|
| 0800 | On Site with 3 Laborers / met with Tyree (Robert Blow) we will be having a Safety meeting prior to any work on Site / Safety meeting conducted By Tyree safety man / Decon trailer moved to Side of Bldg / 3 Stage OSHA Decon Set up on the trailer / water hose to trailer and Roof / tools and equipment moved onto the Roof / Safety Cones Set up / Roofkier type Set up / |
| 1000 | Starting to do Removal of the Brick flashing - Approximately 75' of Area to be Removed / Debris Area and cut the Cone with the Cutter / There is a metal sheeting over Layed the wooden Roof - we are going to do Removal Down to the wooden Roof / wetting Back - Bagging and Putting Bags near the Ladder |
| 1200 | All of the flashing is off the wall and Bag bagged - Bagged and cleaned - Doing a final Cleaning of the work area / All waste - tools and equipment off the Bldg and we are going to Put up the Ice and water shield for a temporary water tightening of the wall |
| 1400 | Decon to Down - All Waste Loaded - we will Be Returning in 2-3 weeks to do Removal of the 100 Sq Ft of Duct Insulation - |
| | CLS |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: Tyree Organization | PROJECT #: |
| LOCATION: 586 main ST EAST AURORA NY | DATE: 11/2/01 |
| SUPERVISOR: Greg Streeter | SHIFT: DAYS |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Julius Valdez | 466 47 8285 | 0800 | 1400 | | |
| LARRY St. Angel | 087-54-4579 | 0800 | 1400 | | |
| Richard Welsh | 095-60-9316 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Greg Streeter | 110-54-5719 | 0800 | 1400 | | |
| | | | | | |
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| | | | | | |
| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| John Frisbie | 447-80-9919 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 12/3/01 LOCATION Roof

PROJECT Mr. C's Cleaners WEATHER Sunny 45°

SUPERVISOR SIGNATURE Craig Ingalls PRINT CRAIG INGALLS

| TIME | DESCRIPTION OF WORK |
|---|---|
| 9:00 | Arrived on Site, met with Site Supervisor walked project, started to set up pop-up Measured Asbestos only 5m Section 15 feet will glovebag pickup |
| 9:30 | Pop-up built and up starting to suit up And glovebag being put-up! Know. |
| 10:00 | glovebag finished Also will take All fiber glass that's Around unit ALL but what's in duct work |
| 11:00 | Starting to pick-up. Supplies And take down pop-up |
| 11:30 | putting unit sides back on should be off Site in 1/2 hour job complete |

PO BOX 480, CLIFTON PARK, NY 12065-0480 PH/FX (518) 664-1209

# CEI

CLASSIC ENVIRONMENTAL INC.

| PROJECT: | PROJECT #: |
|---|---|
| LOCATION: MR. C's CLEANERS | DATE: 12/3/01 |
| SUPERVISOR: CRAIG INGALLS | SHIFT: DAY |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| CRAIG INGALLS | 122-36-1024 | 9:00 | 12:00 | | |
| RICHARD WELSH | 095609316 | 9:00 | 12:00 | | |
| CHRIS O'Grady | 084-58-2624 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |
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| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| JASON BARADY | 072-68-4209 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

PO BOX 480, CLIFTON PARK, NY 12065-0480 PH/FX (518) 664-1209

# CEI

CLASSIC ENVIRONMENTAL INC.

## SAFETY MEETING DAILY LOG

Date: 12/3/01 Conducted By: Craig Ingalls

Project: MR C's Cleaners

Location: Roof top Unit.

TOPIC OF DISCUSSION: Fall Protection

ACCIDENTS REVIEWED:

OTHER:

| LIST OF ATTENDEES (Name & SS#) | |
|---|---|
| 1) Craig Ingalls 122-36-1024 | 8) |
| 2) Chris O'Grady 084-58-2624 | 9) |
| 3) Ricardo Welsh 095-60-9316 | 10) |
| 4) | 11) |
| 5) | 12) |
| 6) | 13) |
| 7) | 14) |

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 95-18708 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 110-54-5579 | |
| EYES | HAIR |
| HAZ | RED |
| WEIGHT | HEIGHT |
| 210 lbs. | 6 ft. 01 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

190079

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/91)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREETER, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR 01

Employer: CEI

Dear MR. C. IAGALLO:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

24 APR 01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

**GREGORY STREETER**
19B Riverside Ave.
Rensselaer, New York 12144
518-434-3847

Personal Objective:

To obtain a position in a company that will be beneficial to both the company and myself.

Education:

MSHA Certified Safety Instructor, Dept. of Labor, Albany, New York
Federal Certification
Gouverneur High School, Gouverneur, New York
High School Diploma 1983

Qualification:

-Employee hiring, training, and supervision
-Understanding of field payroll, estimating, job costing, and field Conditions
-Coordinated daily, weekly, and monthly schedules for projects, sub contractors, and office/field staff
-Project manager for projects ranging from $1,000 to $2,000,000
-In charge of multiple projects at the same time
-Estimating of jobs ranging from $500 to $100,000
-Marketing and networking via phone, mail, fax, and personal contact
-Certificates held NYS asbestos supervisor, NY City asbestos supervisor, Vermont asbestos supervisor, and Maine asbestos supervisor
-Understanding on how to handle clients & negotiations

Employment History:

| | |
|---|---|
| 5/01 – Present | Classic Environmental Inc., / Clifton Park, NY<br>Manager |
| 4/00 – 2/01 | Allied Environmental Services, Inc / Rensselaer, NY<br>Operations Manager |
| 5/98 – 2/00 | Environmental Products & Services, Inc / Albany, NY<br>Project Manager/Operation Manager |
| 4/95-5/98 | A+ Environmental Services Inc, Rensselaer, NY<br>Project Manager/Project Supervisor |
| 2/95-4/95 | MARCO Remediation, Albany, New York<br>Field Employee |

References: Available upon request

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 05-11403 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 122-36-1024 | |
| EYES | HAIR |
| BRO | GRY |
| WEIGHT | HEIGHT |
| 250 lbs. | 5 ft. 10 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
G (06/01), H (06/02)

CRAIG R INCALLS
163 ANTHONY RD
CLIFTON PARK, NY 12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

CLIFTON PARK FAMILY MEDICINE
SHELLEY E. JUSTA, M.D.
LIC. # 197222
STEPHANIE E. BONESS, M.D.
LIC. # 117443
EDWARD NAUMOWICZ, P.A.
LIC. # 001507-1
2 CHELSEA PLACE, SUITE 100
CLIFTON PARK, NY 12065
(518) 383-2240
DEA # BJ 0769480
DEA # BK 1180281
DEA # MN 0344378

Chris Insolio AGE 41 yr old
EBB _____ DATE 11/2/01
EQAL IF NOT SAFETY BLUE BACKGROUND

had a PE
diagnosis asbestos
exposure several
months ago
Cough

DIS PRESCRIPTION WILL BE FILLED GENERICALLY.
ESS PRESCRIBER WRITES "d.a.w." IN THE BOX BELOW.

IN ____ times
Label ____
Dispense As Written

TIFP (1/97)

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 99-03293 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 084-58-2624 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 220 lbs. | HEIGHT: 5 ft. 6 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1591970

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (01/03)
S - SUPERVISOR (01/03)

CHRISTOPHER E O'GRADY
1213 3RD ST
RENSSELAER NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

Re: O'GRADY CHRISTOPER E

Social Security #: 084-58-2624

Date Examined: 08-01-01

Employer: CLASSIC ENVIR INC

Dear MR. THOMAS PERRAULT:

After conducting a physical examination on the above named individual including a review of their past medical history, a pulmonary function test, and a chest x-ray if indicated, I have determined that he/she has no detectable medical conditions that would place him/her at risk of material health impairment from exposure to asbestos in accordance with OSHA 1910.1001 and OSHA 1926.1101.

He/she is also physically and medically qualified to wear respirator protection in accordance with OSHA 1910.134.

Recommendations:

[X] Found fit to use the following respirators:

- [X] Filter Respirator (Dust mask)
- [X] Cartridge Respirator
- [X] Powered Air-Purifying Respirator (PAPR)
- [X] Supplied Air Respirator
- [X] Self Contained Breathing Apparatus (SCBA)

[X] The employee has been informed of the results of the medical examination.

[ ] The employee has been informed of the increased risk of lung cancer attributable to the combined effects of smoking and asbestos exposure.

Comments:

08-01-01
Date

Russell P Beaudin
Signature of Examining Personnel

6/16/99 Asbestos Clearance

RMF0151

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (05/02)

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY 12307

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 00-10886 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 095-60-9316 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 210 lbs. | 5 ft. 07 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

181299C



10/29/2001 15:19 518-485-8476 DOSH ADMIN

Eastern New York Occupational & Environmental Health Center

1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

## PHYSICAL EXAMINATION

Name: Ricardo Welsh Date: 6/26/01

Patient D.O.B.: 5/20/70

214 (NB) Height 205 Weight 5'7" BP 130, 80 P 65 R _____ Repeat BP if elevated _____

Visual Acuity
Without Glasses:
Distance: Left ___/___ Right ___/___
Near: Left ___/___ Right ___/___
With Glasses:
Distance: Left ___/___ Right ___/___
Near: Left ___/___ Right ___/___

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| **HEAD & NECK** | | | | |
| Head, Scalp | | | | |
| Lids, Sclera, Conj. | | | | |
| Eye Muscles | | | | |
| Pupils | | | | |
| Fundi | | | | |
| Ears | | | | |
| Nose/Sinuses | | | | |
| Teeth/Gums | | | | |
| Pharynx | | | | |
| Thyroid | | | | |
| Neck Glands | | | | |
| Carotics | | | | |
| **CHEST** | | | | |
| Lungs | | | | |
| Heart | | | | |
| Breasts/Ax. Nodes | | | | |
| **ABDOMINAL** | | | | |
| Abdominal tend/masses | | | | |
| Liver/Spleen | | | | |
| Abdominal bruits | | | | |
| Inguinal Canal/Hernia | | | | |
| Inguinal Nodes | | | | |
| Aorta | | | | |
| **DERMATOLOGICAL** | | | | |
| Skin Lesions | | | | |
| Nail Beds | | | | |
| **EXTREMETIES** | | | | |
| Pulses | | | | |
| Varicose Veins | | | | |
| Pedal Edema | | | | |
| **JOINTS** | | | | |
| Neck | | | | |
| Back | | | | |
| Hips | | | | |
| Upper extremities | | | | |
| Lower extremities | | | | |

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| ***FEMALE GENITALIA*** | | | | |
| External Genitalia | | | | |
| Vagina/Cervix | | | | |
| Uterus/Adnexae | | | | |
| ***MALE GENITALIA*** | | | | |
| Genitalia/Testicular Exam | | | | |
| Prostate | | | | |
| ***RECTAL*** | | | | |
| Ano-rectal | | | | |
| Stool Guiac | | | | |
| ***NEUROLOGICAL*** | | | | |
| Mental Status | | | | |
| Cranial Nerves | | | | |
| Motor | | | | |
| Sensory | | | | |
| Tendon Reflexes | | | | |
| Romberg/Pronator | | | | |
| Gait/Cerebellar | | | | |
| ***TESTING*** | | | | |
| ECG | | | | |
| Spirometry | | | | |
| Urinalysis | | | | |
| CBC | | | | |
| Chemistry 20 | | | | |
| Audiogram | | | | |
| Chest X-Ray | | | | |

| PROBLEMS: | PLANS: |
|---|---|
| Appears healthy. | OK full duty no restr. |

6/26/01
DATE

LPortnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

PE.FRM:stpg.disc_forms.0600

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 98-1803 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 460-47-8285 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 180lbs. | 5ft. 0in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 637, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
- SUPERVISOR (04/02)

JULIUS VALDEZ
69 INGLES
1ST FLOOR
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-AA2 (04/01)

Re: VALDEZ, Julius III

Social Security #: 460-47-8285

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

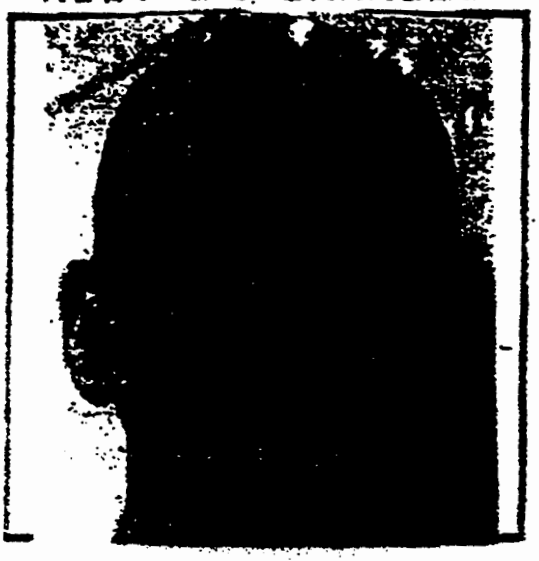
10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 92-02372 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 087-54-4519 | |
| EYES | HAIR |
| BRO | BRO |
| WEIGHT | HEIGHT |
| 150 lbs. | 5 ft. 8 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
OSH - License and Certificate Unit
O Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
A - ASBESTOS HANDLER (07/89)

LAWRENCE L ST. ANDREW
1234 TAMARAC
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREWS LAWRENCE

Social Security #: 087-54-4519

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

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[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018



*LOZIER ANALYTICAL GROUP*
*ASBESTOS/LEAD DIVISION*

# ASBESTOS ABATEMENT AIR MONITORING

## 586 MAIN STREET
## E. AURORA, NEW YORK

***PROJECT :***

**SMALL ROOF FLASHING - ROOF**

**FOR:**

**CLASSIC ENVIRONMENTAL, INC.**
**PO BOX 480**
**CLIFTON PARK, NEW YORK 12065**

**NOVEMBER 1 TO NOVEMBER 2, 2001**

# Lozier Analytical Group

Lozier Laboratories, Inc. • 696 North Winton Road • Rochester, NY 14609
716-654-9080 • Fax 716-654-6353


November 7, 2001

Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

Re: Asbestos Abatement Air Monitoring and Analysis: November 1 to November 2, 2001: 586 Main Street, E. Aurora, New York.

Lozier Laboratories, Inc. is pleased to present you with the enclosed Asbestos Abatement Air Monitoring report in regard to the following abatement projects:

- Small Roof Flashing - Roof

**Asbestos Abatement Air Monitoring**

Lozier Laboratories, Inc. provided New York State certified and licensed asbestos air sampling technician John Frisbie (AH 01-12757) to conduct background, pre-abatement, work in progress and final air in accordance with New York State Code Rule 56 and all other applicable state, and local, and federal regulations.

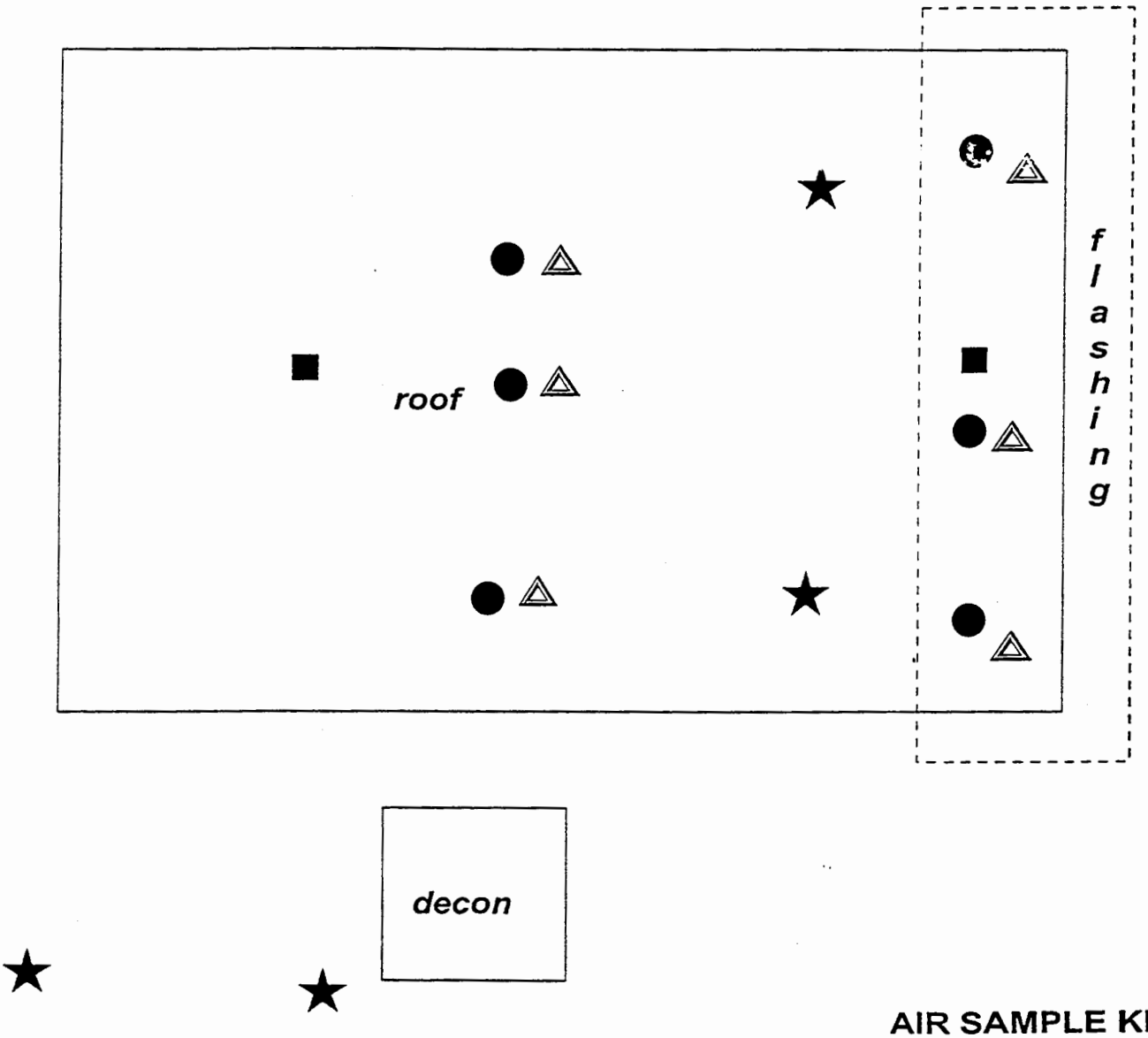
**Air Sample Analysis**

Lozier Laboratories, Inc., which is a New York State Department of Health ELAP (#10390) certified laboratory, conducted the air sample analysis. All samples were analyzed with phase contrast microscopy (PCM) for the determination of air fiber concentrations per cubic centimeter utilizing NIOSH 7400 method. All final PCM clearance samples were <0.01 f/cc or less than background levels as per NYS Code Rule 56. The analytical data and chains of custody are enclosed on the following pages.

Lozier Laboratories, Inc. appreciates this opportunity to provide you with our professional services. If you have any questions please contact me at (716) 654-9080.

Sincerely,

Jeanne K. DeNike
Asbestos/Lead Services




AIR SAMPLING LOCATIONS
ROOF
SMALL ROOF FLASHING

AIR SAMPLE KEY

| | |
|---|---|
| BACKGROUND | ■ |
| PRE-ABATEMENT | △ |
| WORK IN PROGRESS | ★ |
| FINAL | ● |

586 MAIN STREET
EAST AURORA, NEW YORK

LOZIER LABORATORIES, INC., OCTOBER 31 TO NOVEMBER 1, 2001
*NOT TO SCALE*

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15076A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Background

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 4

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15076A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15076A-2 | O-2 | Outside Work Area | 1200 | <0.01 | |
| 15076A-3 | B-1 | Field Blank | | | <0.64 |
| 15076A-4 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15077A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Pre-Abatement

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15077A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15077A-2 | I-2 | Inside Work Area | 1200 | <0.01 | |
| 15077A-3 | I-3 | Inside Work Area | 1200 | <0.01 | |
| 15077A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15077A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15077A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15077A-7 | B-1 | Field Blank | | | <0.64 |
| 15077A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15078A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Work In Progress

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 7

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15078A-1 | 0-6 | Outside Work Area | 360 | <0.01 | |
| 15078A-2 | 0-7 | Outside Work Area | 360 | <0.01 | |
| 15078A-3 | 0-8 | Outside Work Area | 360 | <0.01 | |
| 15078A-4 | 0-9 | Outside Work Area | 360 | <0.01 | |
| 15078A-5 | 0-10 | Outside Work Area | 360 | <0.01 | |
| 15078A-6 | B-1 | Field Blank | | | <0.64 |
| 15078A-7 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15071A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Final

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/02/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15071A-1 | I-1 | Inside Area | 1200 | <0.01 | |
| 15071A-2 | I-2 | Inside Area | 1200 | <0.01 | |
| 15071A-3 | I-3 | Inside Area | 1200 | <0.01 | |
| 15071A-4 | O-4 | Outside Work Area | 1200 | <0.01 | |
| 15071A-5 | O-5 | Outside Work Area | 1200 | <0.01 | |
| 15071A-6 | O-6 | Outside Work Area | 1200 | <0.01 | |
| 15071A-7 | B-1 | Field Blank | | | <0.64 |
| 15071A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

15076A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora 1st Roof Flash

WORK AREA: Roof

SHIFT: A (BACKGROUND) PRE-AIR WIP FINAL ENV

| SAMPLE NUMBER: | F1 | 02 | B1 | B2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | | | | | | | | |
| SAMPLE LOCATION: | I1 | 02 | | | | | | | | | | |
| ROTOMETER NUMBER: | 17 | 17 | | | | | | | | | | |
| STARTING FLOW RATE: | 10 | 10 | | | | | | | | | | |
| ENDING FLOW RATE: | 10 | 10 | | | | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | 10 | | | | | | | | | | |
| START TIME: | 1130 | 1131 | | | | | | | | | | |
| STOP TIME: | 1330 | 1331 | | | | | | | | | | |
| DURATION: (MIN) | 120 | 120 | | | | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | ↓ | ↓ | | | | | | | | |
| FIBERS/FIELDS: | 7.5 | 3 | 0 | 0 | | | | | | | | |
| FIBERS/cc | <0.01 | <0.01 | NA | NA | | | | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J-

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15077A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora Isn Root Flashing

WORK AREA: Root

SHIFT: 1st

BACKGROUND (PRE-AIR) WIP FINAL ENV

| SAMPLE NUMBER: | I1 | I2 | I3 | O4 | O5 | O6 | B1 | B2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | O4 | O5 | O6 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | → | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | → | → | → | 10 | | | | | | |
| START TIME: | 132 | 132 | 132 | 134 | 134 | 134 | | | | | | |
| STOP TIME: | 332 | 332 | 332 | 334 | 334 | 334 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | ↓ | ↓ | | | | |
| FIBERS/FIELDS: | 4.5 | 3 | 6 | 0 | 1 | .5 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15078A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st (E Aurora) Isa Roof Flashing

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR (WIP) FINAL ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | 06 | 07 | 08 | 09 | 010 | B1 | B2 | | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| SAMPLE LOCATION: | 06 | 07 | 08 | 09 | 010 | | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | → | 17 | | | | | | | |
| STARTING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| ENDING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 3 | → | | → | 3 | | | | | | | |
| START TIME: | 940 | 941 | 942 | 943 | 944 | | | | | | | |
| STOP TIME: | 1140 | 1141 | 1142 | 1143 | 1144 | | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 360 | 360 | 360 | 360 | 360 | ↓ | ↓ | | | | | |
| FIBERS/FIELDS: | 4 | 2.5 | 1 | 1 | 5 | 0 | 0 | | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main st DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: S

SEALED BY: John M Frisbie DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15071A RCM

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

**AIR MONITORING**

CLIENT NAME: Classic Environmental

LOCATION: 586 Main St. E. Aurora Isa Roof Fl

WORK AREA: Roof

SHIFT: A BACKGROUND PRE-AIR WIP (FINAL) ENV

| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION; | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | | → | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | | | → | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | | | → | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | | | → | 10 | | | | | | |
| START TIME: | 12:00 | 12:00 | 12:00 | 12:01 | 12:01 | 12:01 | | | | | | |
| STOP TIME: | 2:00 | 2:00 | 2:00 | 2:01 | 2:01 | 2:01 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | ↓ | ↓ | | | | |
| FIBERS/FIELDS: | 2 | 3.5 | 1.5 | .5 | 1 | 1 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/2/01

TRANSPORTED FROM: 586 Main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: 5

SEALED BY: John McGrath DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/2/01

CASSETTE LOT #

RESULTS NEEDED BY:

**AES - *Alternative Environmental Services Inc*** Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 839-5696

AES Project #: C01-895 Page: 01

**NIOSH Method 7400 Modified CRS (NIOSH A) Rules** ELAP #11701

| Client: | Project Description: | Agency: | Phase: | Project Location: |
|---|---|---|---|---|
| Classic Enviromental Inc. | Insulation | AES, Inc. | FINALS | 588 Main Street, East Andora |

| Client Address: | City State: | Sample: | Blanks: | Total: | Sample Date: | Sample Recd: | Analyze Date: |
|---|---|---|---|---|---|---|---|
| P.O.Box 480 | Clifton Park, NY 12065 | 6 | 2 | 8 | 12/03/01 | 12/03/01 | 12/04/01 |

| Client Contact: | Phone #: | Fax #: | Project#: | Lab#: | Find#: |
|---|---|---|---|---|---|
| Greg Streeter | 518-664-1209 | 518-664-1209 | C01-895 | 01-1072 | E20-29 |

## Test Results

| Sample# | Sample Identification | Fibers/Field | Vol.(liters) | Filter Size | Concentration or Density |
|---|---|---|---|---|---|
| 1 | Inside Work Area | 0/100 | 1300 | 25mm | 0.000 |
| 2 | Inside Work Area | 1/100 | 1320 | 25mm | 0.000 |
| 3 | Inside Work Area | 0/100 | 1320 | 25mm | 0.000 |
| 4 | Outside Work Area | 0/100 | 1350 | 25mm | 0.000 |
| 5 | Outside Work Area | 0/100 | 1370 | 25mm | 0.000 |
| 6 | Outside Work Area | 0/100 | 1390 | 25mm | 0.000 |
| 7 | Field Blank #1 | 0/100 | 0 | 25mm | ------- |
| 8 | Field Blank #2 | 0/100 | 0 | | ------- |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

COMMENTS: ANALYZED BY:

** LOD - Limit of Detection - 7.0 f/mm²
* LOQ - Lowest Level of Reliable Quantification



ALTERNATIVE ENVIRONMENTAL SVCS 315-839-5695 12/04/01 12:59P P.001

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 94678 **WASTE SHIPMENT RECORD** S.T.G. # _____

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone |
|---|---|---|
| MR C's CLEANERS Roof Vent | MR. C's CLEANERS 77-MAIN STREET EAST AURORA, N.Y. | N/A |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1209 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. | Type | Total Quantity |
|---|---|---|---|
| Asbestos Covering of Hot Vent | — | Non-Friable | 1-BAG |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as I stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator' expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | Craig Ingalls | 12/3/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | Telephone No. |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: _____<br>Printed Name: _____<br>Title: | 877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: _____<br>Printed Name: _____<br>Title: _____ | 724-887-9400<br>Date |

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

No 78874

## WASTE SHIPMENT RECORD

S.T.G. # 11459

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR. C's Clemens Rd | MR C's Clemens 586 Main Street E. Aurora, New York | 716-652-7000 |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc. P.O. Box 430 Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1200 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II 26 Federal Plaza, Room 500 New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials Specify Friable or Non-Friable | Containers No. | Type | Total Quantity |
|---|---|---|---|
| Non friable Roofing material | | Non-friable | 20 Bags. |
| | | | |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| Craig Ingalls | Craig Ingalls | 11/02/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | |
|---|---|---|
| | Signature: | Telephone No. |
| | Printed Name: | Date: |
| | Title: | |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | |
|---|---|---|
| Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007 Profile #00534 | Signature: Jeremy Clark | Telephone No. 877-999-9559 |
| | Printed Name: Jeremy | Date: |
| | Title: Driver | |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | |
|---|---|---|
| Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683 | Signature: Denise L. Rugg | Telephone No. 724-887-9400 |
| | Printed Name: NOV 28 2001 | Date |
| Permit No. 100281 | Title: | |

WHITE-Disposal Site GREEN-S.T.G.

# CLASSIC ENVIRONMENTAL INC.

# ASBESTOS CLOSE-OUT

Mr. C's Dry Cleaners
Main Street
East Aurora, NY

GC: The Tyree Organization LTD.
4 Northway Lane
Albany, NY 12110

STATE OF NEW YORK - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH

License and Certificate Unit

BUILDING 12, Room 161

STATE CAMPUS

ALBANY, NY 12240

# ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 01-1252

DATE OF ISSUE: 02/14/01

EXPIRATION DATE: 02/28/02

Contractor: Classic Environmental Inc.

Address: P.O. Box 480
Clifton Park, NY 12065

Duly Authorized Representative: Craig Ingalls

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

# ACORD. CERTIFICATE OF LIABILITY INSURANCE

ESR CP CLASS-6

DATE (MM/DD/YY) 10/02/01

PRODUCER

Angers & Litz Associates, Inc.
15 Angers Avenue
Schenectady NY 12303
Phone: 518-355-8030 Fax:518-355-0054

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

INSURER A: American Safety Cas Ins Co
INSURER B: 239 New York Casualty Ins Co.
INSURER C:
INSURER D:
INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS | |
|---|---|---|---|---|---|---|
| A | GENERAL LIABILITY<br>X COMMERCIAL GENERAL LIABILITY<br>CLAIMS MADE [X] OCCUR<br>X Professional Liab<br>X Pollution Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER<br>X POLICY PRO-JECT LOC | POL 01-2344-001 | 05/22/01 | 05/22/02 | EACH OCCURRENCE<br>FIRE DAMAGE (Any one fire)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG | $ 1000000<br>$ 50000<br>$ 5000<br>$ 1000000<br>$ 2000000<br>$ 2000000 |
| B | AUTOMOBILE LIABILITY<br>ANY AUTO<br>ALL OWNED AUTOS<br>X SCHEDULED AUTOS<br>X HIRED AUTOS<br>X NON-OWNED AUTOS | BA 5E 23 58 | 08/25/01 | 08/25/02 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident) | $ 300000<br>$<br>$<br>$ |
| | GARAGE LIABILITY<br>ANY AUTO | | | | AUTO ONLY - EA ACCIDENT<br>OTHER THAN AUTO ONLY: EA ACC<br>AGG | $<br>$<br>$ |
| | EXCESS LIABILITY<br>OCCUR CLAIMS MADE<br>DEDUCTIBLE<br>RETENTION $ | | | | EACH OCCURRENCE<br>AGGREGATE | $<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | WC-00002082000-00 | 05/22/01 | 05/22/02 | X WC STATU-TORY LIMITS OTH-ER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | $ 100000<br>$ 100000<br>$ 500000 |
| | OTHER | | | | | |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Certificate holder is additional insured under general liability coverage.
Project: Mr. C's Cleaners, 586 Main Street, East Aurora, NY

CERTIFICATE HOLDER | Y | ADDITIONAL INSURED; INSURER LETTER: A

TYREE01

Tyree Organization
4 Northway Lane
Latham NY 12110

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

Donald R. Litz

ACORD 25-S (7/97)

©ACORD CORPORATION 1988

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST ROCKAWAY NY

PROJECT Tyree WEATHER 50° cloudy

SUPERVISOR SIGNATURE [signature] PRINT Greg Streeter

| TIME | DESCRIPTION OF WORK |
|---|---|
| 0800 | On Site with 3 Laborers / met with Ty Ree (Robert Blow) we will be having a Safety meeting prior to any work on Site / Safety meeting conducted By Ty Ree Safety Man / Decon trailer moved to Side of Bldg / 3 Stage OSHA Decon Set up on the trailer / water hose to trailer and Roof / tools and equipment up onto the Roof / Safety Cones Set up / Barrier tape Set up / |
| 1100 | Starting to do Removal of the Brick flashing - Approximately 75' of ACM to be Removed / Drilled Holes and cut the Cone with the Cutter / There is a metal Sheeting over Layer the wooden Roof - we are going to do Removal Down to the wooden Roof / Wetting Back - Bagging and Putting Bags near the Curbing |
| 1200 | All of the flashing is off the wall and Bag wetted - Bagged and cleaned - Doing a final cleaning of the work area / All waste - tools and equipment off the Bldg and we are going to Put up the Tarp and Water shield for a temporary water tightness of the wall |
| 1400 | Decon to Down - All Waste Loaded - we will Be Returning in 2-3 weeks to do Removal of the 100 Sq Ft of Duct Insulation - |
| | GLS |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: TyRee Organization | PROJECT #: |
| LOCATION: 586 main ST EAST AURORA NY | DATE: 11/2/01 |
| SUPERVISOR: Greg Streeter | SHIFT: DAYS |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Julius Valdez | 466 47 8285 | 0800 | 1400 | | |
| LARRY STRAUB | 087-54-4557 | 0800 | 1400 | | |
| RICHARD WELSH | 095-60-9316 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Greg Streeter | 110-54-5714 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| John Frisbie | 447-80-9919 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 12/3/01 LOCATION Roof

PROJECT Mr. C's Cleaners WEATHER Sunny 45°

SUPERVISOR SIGNATURE [signature] PRINT Craig Ingalls

| TIME | DESCRIPTION OF WORK |
|---|---|
| 9:00 | Arrived on Site, met with Site Supervisor walked project started to set up pop-up Measured Asbestos only 5m Section 3 feet will glovebag pipes |
| 9:30 | Pop-up built and up starting to suit up And glovebag being put-up/ Knew. |
| 10:00 | glovebag finished Also will take All fiber glass that's Around unit All but what's in Duct work |
| 11:00 | Starting to pick-up. Supplies And take down pop-up |
| 11:30 | putting Unit Sides back on should be off Site in ½ hour job complete |

# CEI

CLASSIC ENVIRONMENTAL INC.

| PROJECT: | PROJECT #: |
|---|---|
| LOCATION: MR. C's CLEANERS | DATE: 12/3/01 |
| SUPERVISOR: CRAIG INGALLS | SHIFT: DAY |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| CRAIG INGALLS | 122-36-1024 | 9:00 | 12:00 | | |
| RICHARD WELSH | 095609316 | 9:00 | 12:00 | | |
| CHRIS O'GRADY | 084-58-2624 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| JASON BARADY | 072-68-4209 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

PO BOX 480, CLIFTON PARK, NY 12065-0480 PH/FX (518) 664-1209

# CEI

CLASSIC ENVIRONMENTAL INC.

## SAFETY MEETING DAILY LOG

Date: 12/3/01 Conducted By: Craig Ingalls

Project: MR C's Cleaners

Location: Roof top Unit.

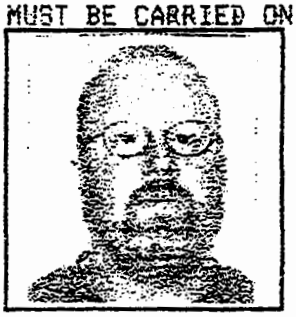
TOPIC OF DISCUSSION: Fall Protection

ACCIDENTS REVIEWED:

OTHER:

| LIST OF ATTENDEES (Name & SS#) | |
|---|---|
| 1) Craig Ingalls 122-36-1024 | 8) |
| 2) Chris O'Grady 084-58-2624 | 9) |
| 3) Ricardo Welsh 095-60-9316 | 10) |
| 4) | 11) |
| 5) | 12) |
| 6) | 13) |
| 7) | 14) |

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 95-18708 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 110-54-5579 | |
| EYES | HAIR |
| HAZ | RED |
| WEIGHT | HEIGHT |
| 210 lbs. | 6 ft. 01 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1900793

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/91)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREETER, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. IAGALLIS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

24 APR '01
Date

Russell B Isaacs
Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

**GREGORY STREETER**
19B Riverside Ave.
Rensselaer, New York 12144
518-434-3847

Personal Objective:

To obtain a position in a company that will be beneficial to both the company and myself.

Education:

MSHA Certified Safety Instructor, Dept. of Labor, Albany, New York
Federal Certification
Gouverneur High School, Gouverneur, New York
High School Diploma 1983

Qualification:

-Employee hiring, training, and supervision
-Understanding of field payroll, estimating, job costing, and field Conditions
-Coordinated daily, weekly, and monthly schedules for projects, sub contractors, and office/field staff
-Project manager for projects ranging from $1,000 to $2,000,000
-In charge of multiple projects at the same time
-Estimating of jobs ranging from $500 to $100,000
-Marketing and networking via phone, mail, fax, and personal contact
-Certificates held NYS asbestos supervisor, NY City asbestos supervisor, Vermont asbestos supervisor, and Maine asbestos supervisor
-Understanding on how to handle clients & negotiations

Employment History:

| | |
|---|---|
| 5/01 – Present | Classic Environmental Inc., / Clifton Park, NY<br>Manager |
| 4/00 – 2/01 | Allied Environmental Services, Inc / Rensselaer, NY<br>Operations Manager |
| 5/98 – 2/00 | Environmental Products & Services, Inc / Albany, NY<br>Project Manager/Operation Manager |
| 4/95-5/98 | A+ Environmental Services Inc, Rensselaer, NY<br>Project Manager/Project Supervisor |
| 2/95-4/95 | MARCO Remediation, Albany, New York<br>Field Employee |

References: Available upon request

LIST OF CERTIFIED ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AA 05-11403 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 122-36-1024 | |
| EYES | HAIR |
| BRO | GRY |
| WEIGHT | HEIGHT |
| 2[illegible] lbs. | [illegible] ft. [illegible] in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

DOSH-442 (01/97)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
*DIVISION OF SAFETY AND HEALTH*

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
G (06/01), H (06/02)

CRAIG R INCALLS
163 ANTHONY RD
CLIFTON PARK, NY 12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

CLIFTON PARK FAMILY MEDICINE
SHELLEY S. JUSTA, M.D.
LIC. # 191222
DEA # BJ0708460
STEPHANIE L. DOWLER, M.D.
DEA # BD1119281 LIC. # 172449
EDWARD NAUMOWICZ, P.A.
DEA # MN0343781 LIC. # 001503-1
9 CHELSEA PLACE, SUITE 100
CLIFTON PARK, NY 12065
(518) 383-2280

Knee injection

AGE 41 yrs

DATE 11/8/01

EGR

EQUAL IF NOT SAFETY BLUE BACKGROUND

I had a PE
discussing asbestos
exposure several
months ago
Claim

THIS PRESCRIPTION WILL BE FILLED GENERICALLY.
ESS PRESCRIBER WRITES 'd.a.w' IN THE BOX BELOW.

Rx _____ times _____

Label _____

Dispense As Written

IIFP 196729

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 99-03293 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 084-58-2624 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 220 lbs. | HEIGHT: 6 ft. 04 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1591970

DOSH-442 (01/97)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (01/03)
S - SUPERVISOR (01/03)

CHRISTOPHER E O'GRADY
1213 3RD ST
RENSSELAER NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: O'GRADY, CHRISTOPHER E

Social Security #: 084-58-2624

Date Examined: 08-01-01

Employer: CLASSIC ENVIR INC

Dear MR. THOMAS PERRAULT:

After conducting a physical examination on the above named individual including a review of their past medical history, a pulmonary function test, and a chest x-ray if indicated, I have determined that he/she has no detectable medical conditions that would place him/her at risk of material health impairment from exposure to asbestos in accordance with OSHA 1910.1001 and OSHA 1926.1101.

He/she is also physically and medically qualified to wear respirator protection in accordance with OSHA 1910.134.

Recommendations:

[X] Found fit to use the following respirators:

- [X] Filter Respirator (Dust mask)
- [X] Cartridge Respirator
- [X] Powered Air-Purifying Respirator (PAPR)
- [X] Supplied Air Respirator
- [X] Self Contained Breathing Apparatus (SCBA)

[X] The employee has been informed of the results of the medical examination.

[ ] The employee has been informed of the increased risk of lung cancer attributable to the combined effects of smoking and asbestos exposure.

Comments:

08-01-01
Date

Russell P Beaudin
Signature of Examining Personnel

6/16/99 Asbestos Clearance

RMF0151

DOSH-442 (01/Y1)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (05/02)

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY 12307

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/Y1)

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 00-10886 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 095-60-9316 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 210 lbs. | 5 ft. 07 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

181299C



10/29/2001 15:15 518-485-7427 JAMES BRUNO

Eastern New York Occupational & Environmental Health Center

1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

## PHYSICAL EXAMINATION

Name: Ricardo Welsh Date: 6/26/01

Patient D.O.B.: 5/20/70

214 (NB) Height ~~205~~ Weight 5'7" BP 130, 80 P 65 R _____ Repeat BP if elevated _____

Visual Acuity
Without Glasses:
Distance: Left ___/___ Right ___/___
Near: Left ___/___ Right ___/___
With Glasses:
Distance: Left ___/___ Right ___/___
Near: Left ___/___ Right ___/___

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| **HEAD & NECK** | | | | |
| Head, Scalp | | | | |
| Lids, Sclera, Conj. | | | | |
| Eye Muscles | | | | |
| Pupils | | | | |
| Fundi | | | | |
| Ears | | | | |
| Nose/Sinuses | | | | |
| Teeth/Gums | | | | |
| Pharynx | | | | |
| Thyroid | | | | |
| Neck Glands | | | | |
| Carotids | | | | |
| **CHEST** | | | | |
| Lungs | | | | |
| Heart | | | | |
| Breasts/Ax. Nodes | | | | |
| **ABDOMINAL** | | | | |
| Abdominal tend/masses | | | | |
| Liver/Spleen | | | | |
| Abdominal bruits | | | | |
| Inguinal Canal/Hernia | | | | |
| Inguinal Nodes | | | | |
| Aorta | | | | |
| **DERMATOLOGICAL** | | | | |
| Skin Lesions | | | | |
| Nail Beds | | | | |
| **EXTREMETIES** | | | | |
| Pulses | | | | |
| Varicose Veins | | | | |
| Pedal Edema | | | | |
| **JOINTS** | | | | |
| Neck | | | | |
| Back | | | | |
| Hips | | | | |
| Upper extremities | | | | |
| Lower extremities | | | | |

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| ***FEMALE GENITALIA*** | | | | |
| External Genitalia | | | | |
| Vagina/Cervix | | | | |
| Uterus/Adnexae | | | | |
| ***MALE GENITALIA*** | | | | |
| Genitalia/Testicular Exam | | | | |
| Prostate | | | | |
| ***RECTAL*** | | | | |
| Anorectal | | | | |
| Stool Guiac | | | | |
| ***NEUROLOGICAL*** | | | | |
| Mental Status | | | | |
| Cranial Nerves | | | | |
| Motor | | | | |
| Sensory | | | | |
| Tendon Reflexes | | | | |
| Romberg/Pronator | | | | |
| Gait/Cerebellar | | | | |
| ***TESTING*** | | | | |
| ECG | | | | |
| Spirometry | | | | |
| Urinalysis | | | | |
| CBC | | | | |
| Chemistry 20 | | | | |
| Audiogram | | | | |
| Chest X-Ray | | | | |

| PROBLEMS: | PLANS: |
|---|---|
| Appears healthy. | OK full duty no restr. |

6/26/01
DATE

L Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

PE.FRM:stpg.dllac.forms.0600

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 98-1803 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 460-47-8285 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 180 lbs. | 5 ft. 0 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 637, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
- SUPERVISOR (04/92)

JULIUS VALDEZ
69 INGLES
1ST FLOOR
TROY, NY 1218

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-843 (04/91)

Re: VALDEZ, Jucius III

Social Security #: 460-47-8285

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

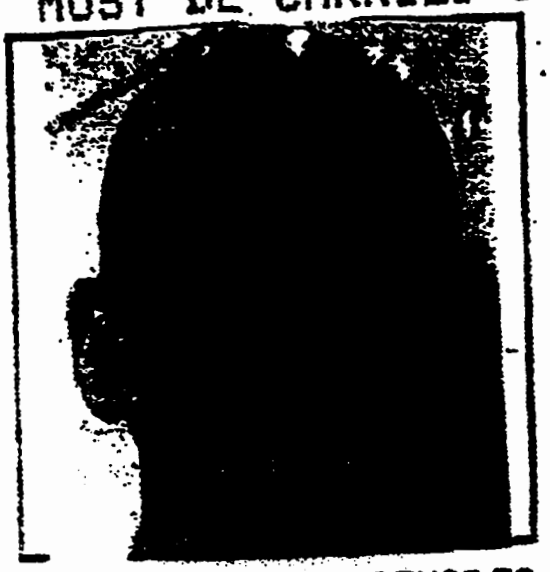
10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 92-02372 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 087-54-4519 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 150 lbs. | HEIGHT: 5 ft. 6 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
OSH - License and Certificate Unit
O Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS:
A - ABBESTOS HANDLER (07/02)

LAWRENCE L ST. ANDREW
1234 TAMARAC
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREWS LAWRENCE

Social Security #: 087-54-4519

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

- [X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.
- [ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).
- [ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018



# *LOZIER ANALYTICAL GROUP*
# *ASBESTOS/LEAD DIVISION*

## ASBESTOS ABATEMENT AIR MONITORING

586 MAIN STREET
E. AURORA, NEW YORK

***PROJECT :***

SMALL ROOF FLASHING - ROOF

FOR:

CLASSIC ENVIRONMENTAL, INC.
PO BOX 480
CLIFTON PARK, NEW YORK 12065

NOVEMBER 1 TO NOVEMBER 2, 2001

# Lozier Analytical Group

Lozier Laboratories, Inc. • 696 North Winton Road • Rochester, NY 14609
716-654-9080 • Fax 716-654-6353


November 7, 2001

Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

Re: Asbestos Abatement Air Monitoring and Analysis: November 1 to November 2, 2001: 586 Main Street, E. Aurora, New York.

Lozier Laboratories, Inc. is pleased to present you with the enclosed Asbestos Abatement Air Monitoring report in regard to the following abatement projects:

- Small Roof Flashing - Roof

**Asbestos Abatement Air Monitoring**

Lozier Laboratories, Inc. provided New York State certified and licensed asbestos air sampling technician John Frisbie (AH 01-12757) to conduct background, pre-abatement, work in progress and final air in accordance with New York State Code Rule 56 and all other applicable state, and local, and federal regulations.

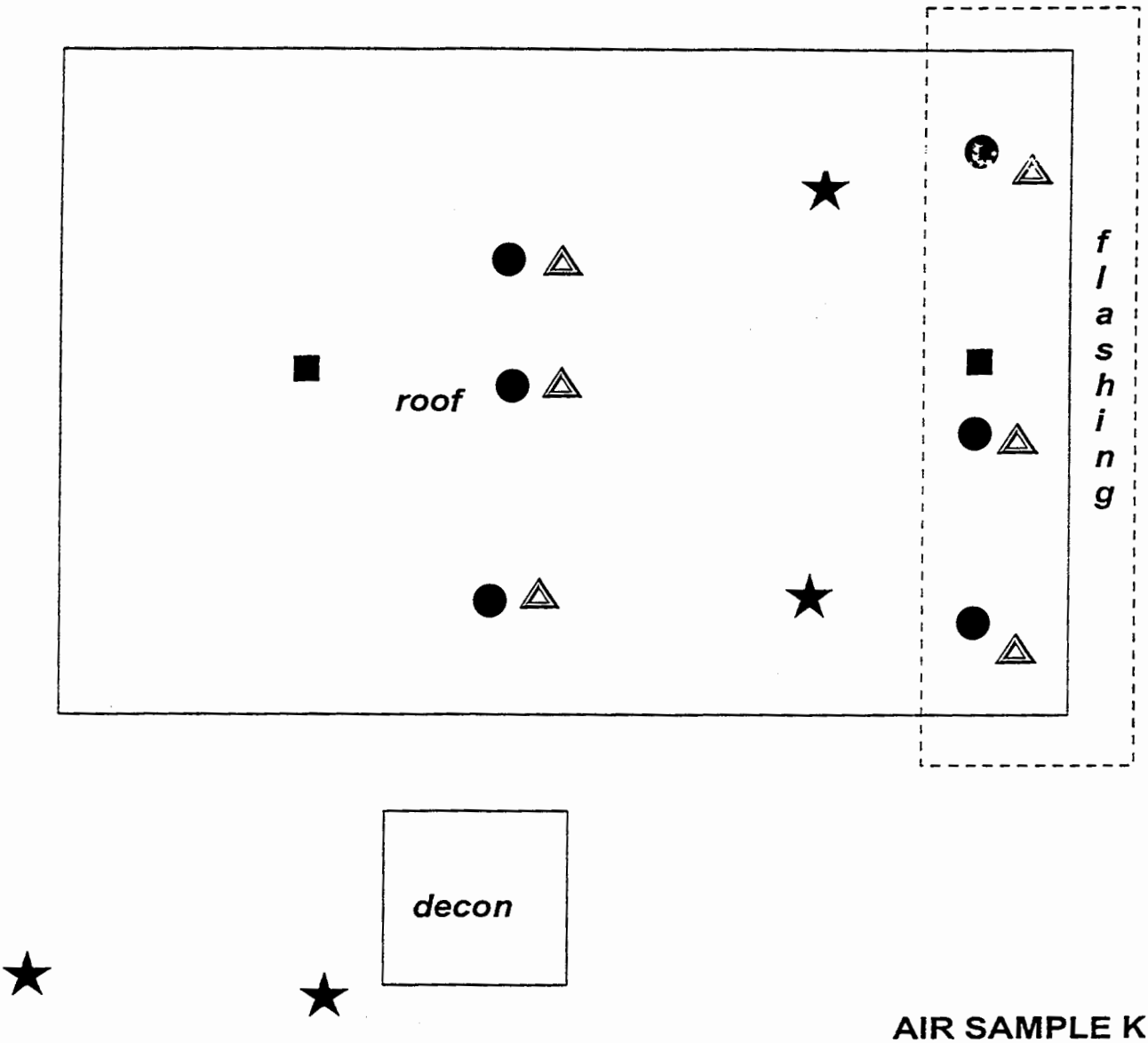
**Air Sample Analysis**

Lozier Laboratories, Inc., which is a New York State Department of Health ELAP (#10390) certified laboratory, conducted the air sample analysis. All samples were analyzed with phase contrast microscopy (PCM) for the determination of air fiber concentrations per cubic centimeter utilizing NIOSH 7400 method. All final PCM clearance samples were <0.01 f/cc or less than background levels as per NYS Code Rule 56. The analytical data and chains of custody are enclosed on the following pages.

Lozier Laboratories, Inc. appreciates this opportunity to provide you with our professional services. If you have any questions please contact me at (716) 654-9080.

Sincerely,

Jeanne K. DeNike
Asbestos/Lead Services




AIR SAMPLING LOCATIONS
ROOF
SMALL ROOF FLASHING

**AIR SAMPLE KEY**

| | |
|---|---|
| BACKGROUND | ■ |
| PRE-ABATEMENT | △ |
| WORK IN PROGRESS | ★ |
| FINAL | ● |

586 MAIN STREET
EAST AURORA, NEW YORK

LOZIER LABORATORIES, INC., OCTOBER 31 TO NOVEMBER 1, 2001
*NOT TO SCALE*

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15076A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Background

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 4

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15076A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15076A-2 | O-2 | Outside Work Area | 1200 | <0.01 | |
| 15076A-3 | B-1 | Field Blank | | | <0.64 |
| 15076A-4 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15077A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Pre-Abatement

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15077A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15077A-2 | I-2 | Inside Work Area | 1200 | <0.01 | |
| 15077A-3 | I-3 | Inside Work Area | 1200 | <0.01 | |
| 15077A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15077A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15077A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15077A-7 | B-1 | Field Blank | | | <0.64 |
| 15077A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15078A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Work In Progress

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 7

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | AIRBORNE CONC. (F/MM2) |
|---|---|---|---|---|---|
| 15078A-1 | 0-6 | Outside Work Area | 360 | <0.01 | |
| 15078A-2 | 0-7 | Outside Work Area | 360 | <0.01 | |
| 15078A-3 | 0-8 | Outside Work Area | 360 | <0.01 | |
| 15078A-4 | 0-9 | Outside Work Area | 360 | <0.01 | |
| 15078A-5 | 0-10 | Outside Work Area | 360 | <0.01 | |
| 15078A-6 | B-1 | Field Blank | | | <0.64 |
| 15078A-7 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15071A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Final

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/02/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15071A-1 | I-1 | Inside Area | 1200 | <0.01 | |
| 15071A-2 | I-2 | Inside Area | 1200 | <0.01 | |
| 15071A-3 | I-3 | Inside Area | 1200 | <0.01 | |
| 15071A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15071A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15071A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15071A-7 | B-1 | Field Blank | | | <0.64 |
| 15071A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

15076A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora 1st Roof Flash

WORK AREA: Roof

SHIFT: A

(BACKGROUND) PRE-AIR WIP FINAL ENV

| SAMPLE NUMBER: | I1 | 02 | B1 | B2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | | | | | | | | |
| SAMPLE LOCATION: | I1 | 02 | | | | | | | | | | |
| ROTOMETER NUMBER: | 17 | 17 | | | | | | | | | | |
| STARTING FLOW RATE: | 10 | 10 | | | | | | | | | | |
| ENDING FLOW RATE: | 10 | 10 | | | | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | 10 | | | | | | | | | | |
| START TIME: | 1130 | 1131 | | | | | | | | | | |
| STOP TIME: | 1330 | 1331 | | | | | | | | | | |
| DURATION: (MIN) | 120 | 120 | | | | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | ↓ | ↓ | | | | | | | | |
| FIBERS/FIELDS: | 7.5 | 3 | 0 | 0 | | | | | | | | |
| FIBERS/cc | <0.01 | <0.01 | NA | NA | | | | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15077A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main ST E. Aurora Isn Root Flashing

WORK AREA: Root

SHIFT: 1st

BACKGROUND (PRE-AIR) WIP FINAL ENV

| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | → | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | → | → | → | 10 | | | | | | |
| START TIME: | 132 | 132 | 132 | 134 | 134 | 134 | | | | | | |
| STOP TIME: | 332 | 332 | 332 | 334 | 334 | 334 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | ↓ | ↓ | | | | |
| FIBERS/FIELDS: | 4.5 | 3 | 6 | 0 | 1 | .5 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John McFrisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15078A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

# AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st (E Aurora) Isa Roof Flashing

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR (WIP) FINAL ENV

| SAMPLE NUMBER: | 06 | 07 | 08 | 09 | 010 | B1 | B2 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| SAMPLE LOCATION: | 06 | 07 | 08 | 09 | 010 | | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | 17 | | | | | | | |
| STARTING FLOW RATE: | 3 | → | → | → | 3 | | | | | | | |
| ENDING FLOW RATE: | 3 | → | → | → | 3 | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 3 | → | → | → | 3 | | | | | | | |
| START TIME: | 940 | 941 | 942 | 943 | 944 | | | | | | | |
| STOP TIME: | 1140 | 1141 | 1142 | 1143 | 1144 | | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 360 | 360 | 360 | 360 | 360 | ↓ | ↓ | | | | | |
| FIBERS/FIELDS: | 4 | 2.5 | 1 | 1 | 5 | 0 | 0 | | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main st DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: 5

SEALED BY: John Mylotta DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15071A PCM

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 Main St. E. Aurora Isa Roof FL

WORK AREA: Roof

SHIFT: A BACKGROUND PRE-AIR WIP (FINAL) ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | | | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | | | | 10 | | | | | | |
| START TIME: | 12:00 | 12:00 | 12:00 | 12:01 | 12:01 | 12:01 | | | | | | |
| STOP TIME: | 2:00 | 2:00 | 2:00 | 2:01 | 2:01 | 2:01 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | | | | | | |
| FIBERS/FIELDS: | 2 | 3.5 | 1.5 | .5 | 1 | 1 | 0 | 0 | | | | |
| FIBERS/cc: | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/2/01

TRANSPORTED FROM: 586 Main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: 5

SEALED BY: [signature] DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

[signature] 11/2/01

CASSETTE LOT #

RESULTS NEEDED BY:

**AES - Alternative Environmental Services Inc** Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 839-5696

AES Project #: C01-895 Page: 01

NIOSH Method 7400 Modified CRS (NIOSH A) Rules ELAP #11701

| Client: | Project Description: | Agency: | Phase: | Project Location: |
|---|---|---|---|---|
| Classic Enviromental Inc. | Insulation | AES, Inc. | FINALS | 588 Main Street, East Andora |

| Client Address: | City State: | Sample: | Blanks: | Total: | Sample Date: | Sample Recd: | Analyze Date: |
|---|---|---|---|---|---|---|---|
| P.O.Box 480 | Clifton Park, NY 12065 | 6 | 2 | 8 | 12/03/01 | 12/03/01 | 12/04/01 |

| Client Contact: | Phone #: | Fax #: | Project#: | Lab#: | Find#: |
|---|---|---|---|---|---|
| Greg Streeter | 518-664-1209 | 518-664-1209 | C01-895 | 01-1072 | E20-29 |

## Test Results

| Sample# | Sample Identification | Fibers/Field | Vol.(liters) | Filter Size | Concentration or Density |
|---|---|---|---|---|---|
| 1 | Inside Work Area | 0/100 | 1300 | 25mm | 0.000 |
| 2 | Inside Work Area | 1/100 | 1320 | 25mm | 0.000 |
| 3 | Inside Work Area | 0/100 | 1320 | 25mm | 0.000 |
| 4 | Outside Work Area | 0/100 | 1350 | 25mm | 0.000 |
| 5 | Outside Work Area | 0/100 | 1370 | 25mm | 0.000 |
| 6 | Outside Work Area | 0/100 | 1390 | 25mm | 0.000 |
| 7 | Field Blank #1 | 0/100 | 0 | 25mm | ------ |
| 8 | Field Blank #2 | 0/100 | 0 | | ------ |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

COMMENTS: ANALYZED BY:

** LOD - Limit of Detection - 7.0 f/mm²
* LOQ - Lowest Level of Reliable Quantification

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

No 78874 **WASTE SHIPMENT RECORD** S.T.G. # 11459

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR. C's Cleaners Rocky | MR C's Cleaners 586 Main Street E. Aurora, New York | 914-652-7200 |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc. P.O. Box 430 Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-384-1201 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials Specify Friable or Non-Friable | Containers No. | Type | Total Quantity |
|---|---|---|---|
| Non friable roofing material | | Non-friable | 20 Bags. |
| | | | |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | | 11/02/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | Signature: / Printed Name: / Title: | Telephone No. / Date: |
|---|---|---|
| | | |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | Signature: / Printed Name: / Title: | Telephone No. / Date: |
|---|---|---|
| Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007 Profile #00534 | Signature: [signature] Printed Name: Jeremy Title: Driver | Telephone No. 877-999-9559 Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | Signature: / Printed Name: / Title: | Telephone No. / Date |
|---|---|---|
| Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683 Permit No. 100281 | Signature: Denise L. Rugg Printed Name: NOV 28 2001 Title: | Telephone No. 724-887-9400 Date |

WHITE-Disposal Site GREEN-S.T.G. YELLOW-

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

Nº 94678 **WASTE SHIPMENT RECORD** S.T.G. # _____

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR C's CLEANERS<br>Roof Vent. | MR C's CLEANERS<br>77 MAIN STREET<br>EAST AURORA, N.Y | N/A |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1209 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. | Type | Total Quantity |
|---|---|---|---|
| Asbestos Covering of Heat Vent | — | Non-Friable | 1-BAG |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as I stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | Craig Ingalls | 12/3/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | Telephone No. |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: _____<br>Printed Name: _____<br>Title: | 877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: _____<br>Printed Name: _____<br>Title: _____ | 724-887-9400<br>Date |

# CLASSIC ENVIRONMENTAL INC.

# ASBESTOS CLOSE-OUT

Mr. C's Dry Cleaners
Main Street
East Aurora, NY

GC: The Tyree Organization LTD.
4 Northway Lane
Albany, NY 12110

STATE OF NEW YORK - DEPARTMENT OF LABOR
**DIVISION OF SAFETY AND HEALTH**
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

# ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 01-1252
DATE OF ISSUE: 02/14/01
EXPIRATION DATE: 02/28/02

Contractor: Classic Environmental Inc.

Address: P.O. Box 480
Clifton Park, NY 12065

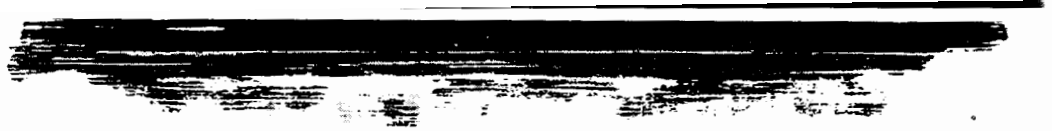
Duly Authorized Representative: Craig Ingalls

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)



# ACORD. CERTIFICATE OF LIABILITY INSURANCE

BSR CP CLASS-6

DATE (MM/DD/YY) 10/02/01

PRODUCER

Angers & Litz Associates, Inc.
15 Angers Avenue
Schenectady NY 12303
Phone: 518-355-8030 Fax:518-355-0054

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

| | |
|---|---|
| INSURER A: | American Safety Cas Ins Co |
| INSURER B: | 239 New York Casualty Ins Co. |
| INSURER C: | |
| INSURER D: | |
| INSURER E: | |

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS | |
|---|---|---|---|---|---|---|
| A | GENERAL LIABILITY<br>X COMMERCIAL GENERAL LIABILITY<br>CLAIMS MADE [X] OCCUR<br>X Professional Liab<br>X Pollution Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER<br>X POLICY [ ] PRO-JECT [ ] LOC | POL 01-2344-001 | 05/22/01 | 05/22/02 | EACH OCCURRENCE<br>FIRE DAMAGE (Any one fire)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG | $ 1000000<br>$ 50000<br>$ 5000<br>$ 1000000<br>$ 2000000<br>$ 2000000 |
| B | AUTOMOBILE LIABILITY<br>ANY AUTO<br>ALL OWNED AUTOS<br>X SCHEDULED AUTOS<br>X HIRED AUTOS<br>X NON-OWNED AUTOS | BA 5E 23 58 | 08/25/01 | 08/25/02 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident) | $ 300000<br>$<br>$<br>$ |
| | GARAGE LIABILITY<br>ANY AUTO | | | | AUTO ONLY - EA ACCIDENT<br>OTHER THAN AUTO ONLY: EA ACC<br>AGG | $<br>$<br>$ |
| | EXCESS LIABILITY<br>OCCUR [ ] CLAIMS MADE<br>DEDUCTIBLE<br>RETENTION $ | | | | EACH OCCURRENCE<br>AGGREGATE | $<br>$<br>$<br>$<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | WC-00002082000-00 | 05/22/01 | 05/22/02 | X WC STATUTORY LIMITS [ ] OTHER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | $ 100000<br>$ 100000<br>$ 500000 |
| | OTHER | | | | | |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Certificate holder is additional insured under general liability coverage.
Project: Mr. C's Cleaners, 586 Main Street, East Aurora, NY

CERTIFICATE HOLDER | Y | ADDITIONAL INSURED; INSURER LETTER: A

TYREE01

Tyree Organization
4 Northway Lane
Latham NY 12110

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

Donald R. Litz

ACORD 25-S (7/97)

©ACORD CORPORATION 1988

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST ROCKAWAY, NY

PROJECT Tyree WEATHER 50° cloudy

SUPERVISOR SIGNATURE [signature] PRINT Greg Streeter

| TIME | DESCRIPTION OF WORK |
|---|---|
| 0800 | On Site with 3 Laborers / met with Tyree (Robert Blow) we will be having a safety meeting prior to any work on Site / Safety meeting conducted by Tyree safety man / Decon trailer moved to Side of Bldg / 3 Stage OSHA Decon Set up on the trailer / water hose to trailer and load / tools and equipment up onto the roof / Safety Cones set up / Bucket type Set up / |
| 1130 | Starting to do removal of the Brick flashing - Approximately 75' of ACM to be removed / Debbie Angle and cut the Cone with the Cutter / There is a metal sheeting over layed the wooden mansard - we are going to do Removal Down to the wooden mansard / within Bucket - Bagging and Putting Bags near the Ladder |
| 1200 | All of the flashing is off the wall and Being wetted - Bagged and cleaned - Doing a final cleaning of the work area / All waste - tools & equipment off the Bldg and we are going to put up the Fire and water shield for a temporary water tightness of the wall |
| 1400 | Decon to Down - All waste loaded - we will be returning in 2-3 weeks to do Removal of the 100 Sq Ft of Duct Insulation - |
| | GLS |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: Tyree Organization | PROJECT #: |
| LOCATION: 586 main ST EAST Aurora NY | DATE: 11/2/01 |
| SUPERVISOR: Greg Streeter | SHIFT: Days |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Julius Valdez | 466 47 8285 | 0800 | 1400 | | |
| LARRY Stefanski | 087-54-4570 | 0800 | 1400 | | |
| Richard Welsh | D9560 9316 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
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| Supv Greg Streeter | 160-54-5719 | 0800 | 1400 | | |
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**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| John Frisbie | 447-80-9919 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 12/3/01 LOCATION Roof

PROJECT Mr. C's Cleaners WEATHER Sunny 45°

SUPERVISOR SIGNATURE [signature] PRINT CRAIG INGALLS

| TIME | DESCRIPTION OF WORK |
|---|---|
| 9:00 | Arrived on Site, met with Site Supervisor walked project started to set up pop-up Measured Asbestos only 5m Section 13 feet will glovebag pickup |
| 9:30 | Pop-up built and up starting to suit up And glovebag being put-up/ Down. |
| 10:00 | glovebag finished Also will take ALL fiber glass that's Around Unit ALL but what's in Duct work |
| 11:00 | Starting to pick-up. Supplies And take down pop-up |
| 11:30 | putting Unit Sides back on should be off Site in 1/2 hour job complete |

# CEI

CLASSIC ENVIRONMENTAL INC.

| PROJECT: | PROJECT #: |
|---|---|
| LOCATION: Mr. C's Cleaners | DATE: 12/3/01 |
| SUPERVISOR: Craig Ingalls | SHIFT: DAY |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Craig Ingalls | 122-36-1024 | 9:00 | 12:00 | | |
| Richard Welsh | 095609316 | 9:00 | 12:00 | | |
| Chris O'Grady | 084-58-2624 | 9:00 | 12:00 | | |
| | | | | | |
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**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| Jason Barady | 072-68-4209 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

PO Box 480, Clifton Park, NY 12065-0480 PH/FX (518) 664-1209

CEI

CLASSIC ENVIRONMENTAL INC.

# SAFETY MEETING DAILY LOG

Date: 12/3/01 Conducted By: Craig Ingalls

Project: MR C's Cleaners

Location: Roof top Unit.

TOPIC OF DISCUSSION: Fall Protection

ACCIDENTS REVIEWED:

OTHER:

| LIST OF ATTENDEES (Name & SS#) | |
|---|---|
| 1) Craig Ingalls 122-36-1024 | 8) |
| 2) Chris O'Grady 084-58-2624 | 9) |
| 3) Ricardo Welsh 095-60-9316 | 10) |
| 4) | 11) |
| 5) | 12) |
| 6) | 13) |
| 7) | 14) |

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 95-18708 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 110-54-5579 | |
| EYES | HAIR |
| HAZ | RED |
| WEIGHT | HEIGHT |
| 210 lbs. | 6 ft. 01 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1900793

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/91)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREETER, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. IAGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

24 APR '01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

**GREGORY STREETER**
19B Riverside Ave.
Rensselaer, New York 12144
518-434-3847

Personal Objective:

To obtain a position in a company that will be beneficial to both the company and myself.

Education:

MSHA Certified Safety Instructor, Dept. of Labor, Albany, New York
Federal Certification
Gouverneur High School, Gouverneur, New York
High School Diploma 1983

Qualification:

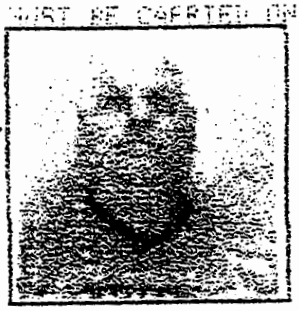
-Employee hiring, training, and supervision
-Understanding of field payroll, estimating, job costing, and field Conditions
-Coordinated daily, weekly, and monthly schedules for projects, sub contractors, and office/field staff
-Project manager for projects ranging from $1,000 to $2,000,000
-In charge of multiple projects at the same time
-Estimating of jobs ranging from $500 to $100,000
-Marketing and networking via phone, mail, fax, and personal contact
-Certificates held NYS asbestos supervisor, NY City asbestos supervisor, Vermont asbestos supervisor, and Maine asbestos supervisor
-Understanding on how to handle clients & negotiations

Employment History:

| | |
|---|---|
| 5/01 – Present | Classic Environmental Inc., / Clifton Park, NY<br>Manager |
| 4/00 – 2/01 | Allied Environmental Services, Inc / Rensselaer, NY<br>Operations Manager |
| 5/98 – 2/00 | Environmental Products & Services, Inc / Albany, NY<br>Project Manager/Operation Manager |
| 4/95-5/98 | A+ Environmental Services Inc, Rensselaer, NY<br>Project Manager/Project Supervisor |
| 2/95-4/95 | MARCO Remediation, Albany, New York<br>Field Employee |

References: Available upon request

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| HH 05-11403 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 122-36-1024 | |
| EYES | HAIR |
| BRO | GRY |
| WEIGHT | HEIGHT |
| 230 lbs. | 5 ft. 10 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

170 1120

DOSH-442 (01/97)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
G (06/01), H (06/02)

CRAIG R INCALLS
163 ANTHONY RD
CLIFTON PARK, NY 12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

NOV-05-2001 08:26

CLIFTON PARK FAMILY MEDICINE
SHELLEY B. JUSTA, M.D.
LIC. # 191222
DEA # BJ 0758940
STEVEN E. ROMEO, M.D.
LIC. # 175449
DEA # BR 1180581
EDWARD NAUMOWICZ, P.A.
LIC. # 001507-1
DEA # MN 0043573
9 CHELSEA PLACE, SUITE 100
CLIFTON PARK, NY 12065
(518) 383-2280

Rx

[redacted]

AGE 61 yr old

DATE 11/8/01

SAFETY BLUE/BACKGROUND

Pt had a PE
10 yrs ago
Pt has asbestos
exposure several
years ago
Pt has COPD

USE PRESCRIBER WILL BE FILLED GENERICALLY.
USE PRESCRIBER WRITES 'd.a.w' IN THE BOX BELOW.

Rx ____ times
____ Label ____

Dispense As Written

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 99-03293 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 084-58-2624 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 220 lbs. | HEIGHT: 5 ft. 04 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1591970

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (01/03)
S - SUPERVISOR (01/03)

CHRISTOPHER E O'GRADY
1213 3RD ST
RENSSELAER NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: O'GRADY, CHRISTOPER E

Social Security #: 084-58-2624

Date Examined: 08-01-01

Employer: CLASSIC ENVIR INC

Dear MR. THOMAS PERRAULT:

After conducting a physical examination on the above named individual including a review of their past medical history, a pulmonary function test, and a chest x-ray if indicated, I have determined that he/she has no detectable medical conditions that would place him/her at risk of material health impairment from exposure to asbestos in accordance with OSHA 1910.1001 and OSHA 1926.1101.

He/she is also physically and medically qualified to wear respirator protection in accordance with OSHA 1910.134.

Recommendations:

[X] Found fit to use the following respirators:

- [X] Filter Respirator (Dust mask)
- [X] Cartridge Respirator
- [X] Powered Air-Purifying Respirator (PAPR)
- [X] Supplied Air Respirator
- [X] Self Contained Breathing Apparatus (SCBA)

[X] The employee has been informed of the results of the medical examination.

[ ] The employee has been informed of the increased risk of lung cancer attributable to the combined effects of smoking and asbestos exposure.

Comments:

08-01-01
Date

Russell P Beaudin
Signature of Examining Personnel

6/16/99 Asbestos Clearance

RMF0151

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (05/02)

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY 12307

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

MUST BE CARRIED ON ASBESTOS PROJECTS



ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

| CERTIFICATE NUMBER | |
|---|---|
| AH 00-10886 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 095-60-9316 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 210 lbs. | 5 ft. 07 in. |

181299C

K-207

10/29/2001 16:19 518-485-7427 CHAMP CLINIC

Eastern New York Occupational & Environmental Health Center

1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

## PHYSICAL EXAMINATION

Name: Ricardo Welsh Date: 6/26/01

Patient D.O.B.: 5/20/70

214 (NB) 205 Height 5'7" Weight 130, BO BP 65 P R Repeat BP if elevated

Visual Acuity
Without Glasses:
Distance: Left / Right /
Near: Left / Right /
With Glasses:
Distance: Left / Right /
Near: Left / Right /

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| **HEAD & NECK** | | | | |
| Head, Scalp | | | | |
| Lids, Sclera, Conj. | | | | |
| Eye Muscles | | | | |
| Pupils | | | | |
| Fundi | | | | |
| Ears | | | | |
| Nose/Sinuses | | | | |
| Teeth/Gums | | | | |
| Pharynx | | | | |
| Thyroid | | | | |
| Neck Glands | | | | |
| Carotids | | | | |
| **CHEST** | | | | |
| Lungs | | | | |
| Heart | | | | |
| Breasts/Ax. Nodes | | | | |
| **ABDOMINAL** | | | | |
| Abdominal tend/masses | | | | |
| Liver/Spleen | | | | |
| Abdominal bruits | | | | |
| Inguinal Canal/Hernia | | | | |
| Inguinal Nodes | | | | |
| Aorta | | | | |
| **DERMATOLOGICAL** | | | | |
| Skin Lesions | | | | |
| Nail Beds | | | | |
| **EXTREMETIES** | | | | |
| Pulses | | | | |
| Varicose Veins | | | | |
| Pedal Edema | | | | |
| **JOINTS** | | | | |
| Neck | | | | |
| Back | | | | |
| Hips | | | | |
| Upper extremities | | | | |
| Lower extremities | | | | |

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| **FEMALE GENITALIA** | | | | |
| External Genitalia | | | | |
| Vagina/Cervix | | | | |
| Uterus/Adnexae | | | | |
| **MALE GENITALIA** | | | | |
| Genitalia/Testicular Exam | | | | |
| Prostate | | | | |
| **RECTAL** | | | | |
| Anorectal | | | | |
| Stool Guiac | | | | |
| **NEUROLOGICAL** | | | | |
| Mental Status | | | | |
| Cranial Nerves | | | | |
| Motor | | | | |
| Sensory | | | | |
| Tendon Reflexes | | | | |
| Romberg/Pronator | | | | |
| Gait/Cerebellar | | | | |
| **TESTING** | | | | |
| ECG | | | | |
| Spirometry | | | | |
| Urinalysis | | | | |
| CBC | | | | |
| Chemistry 20 | | | | |
| Audiogram | | | | |
| Chest X-Ray | | | | |

| PROBLEMS: | PLANS: |
|---|---|
| Appears healthy. | OK full duty no restr. |

6/26/01
DATE

L Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

PE.FRM.listpg.disc.forms.0600

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 98-1803 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 460-47-8285 | |
| EYES: BRO | HAIR: BLK |
| WEIGHT: 180 lbs. | HEIGHT: 5 ft. 0 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 637, New York, NY 10014-0637

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
C - SUPERVISOR (04/02)

JULIUS VALDEZ
69 INGLES
1ST FLOOR
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

Re: VALDEZ, Julius III

Social Security #: 460-47-8285

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG IRSALS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

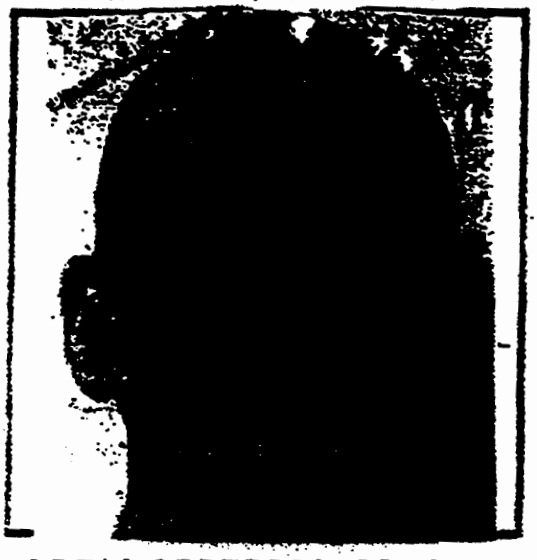
10-29-01
Date

Signature of Examining Personnel

6/18/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 92-02372 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 087-54-4519 | |
| EYES | HAIR |
| BRO | BRO |
| WEIGHT | HEIGHT |
| 150 lbs. | 5 ft. 6 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
OSH - License and Certificate Unit
O Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
A - ASBESTOS HANDLER (07/02)

LAWRENCE L ST. ANDREW
1234 TAMARAC
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREW LAWRENCE

Social Security #: 087-54-4519

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

- [X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.
- [ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).
- [ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018



# *LOZIER ANALYTICAL GROUP*
# *ASBESTOS/LEAD DIVISION*

## ASBESTOS ABATEMENT AIR MONITORING

### 586 MAIN STREET
### E. AURORA, NEW YORK

***PROJECT :***

**SMALL ROOF FLASHING - ROOF**

**FOR:**

**CLASSIC ENVIRONMENTAL, INC.**
**PO BOX 480**
**CLIFTON PARK, NEW YORK 12065**

**NOVEMBER 1 TO NOVEMBER 2, 2001**

Lozier Analytical Group

Lozier Laboratories, Inc. • 696 North Winton Road • Rochester, NY 14609
716-654-9080 • Fax 716-654-6353

November 7, 2001

Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

Re: Asbestos Abatement Air Monitoring and Analysis: November 1 to November 2, 2001: 586 Main Street, E. Aurora, New York.

Lozier Laboratories, Inc. is pleased to present you with the enclosed Asbestos Abatement Air Monitoring report in regard to the following abatement projects:

- Small Roof Flashing - Roof

**Asbestos Abatement Air Monitoring**

Lozier Laboratories, Inc. provided New York State certified and licensed asbestos air sampling technician John Frisbie (AH 01-12757) to conduct background, pre-abatement, work in progress and final air in accordance with New York State Code Rule 56 and all other applicable state, and local, and federal regulations.

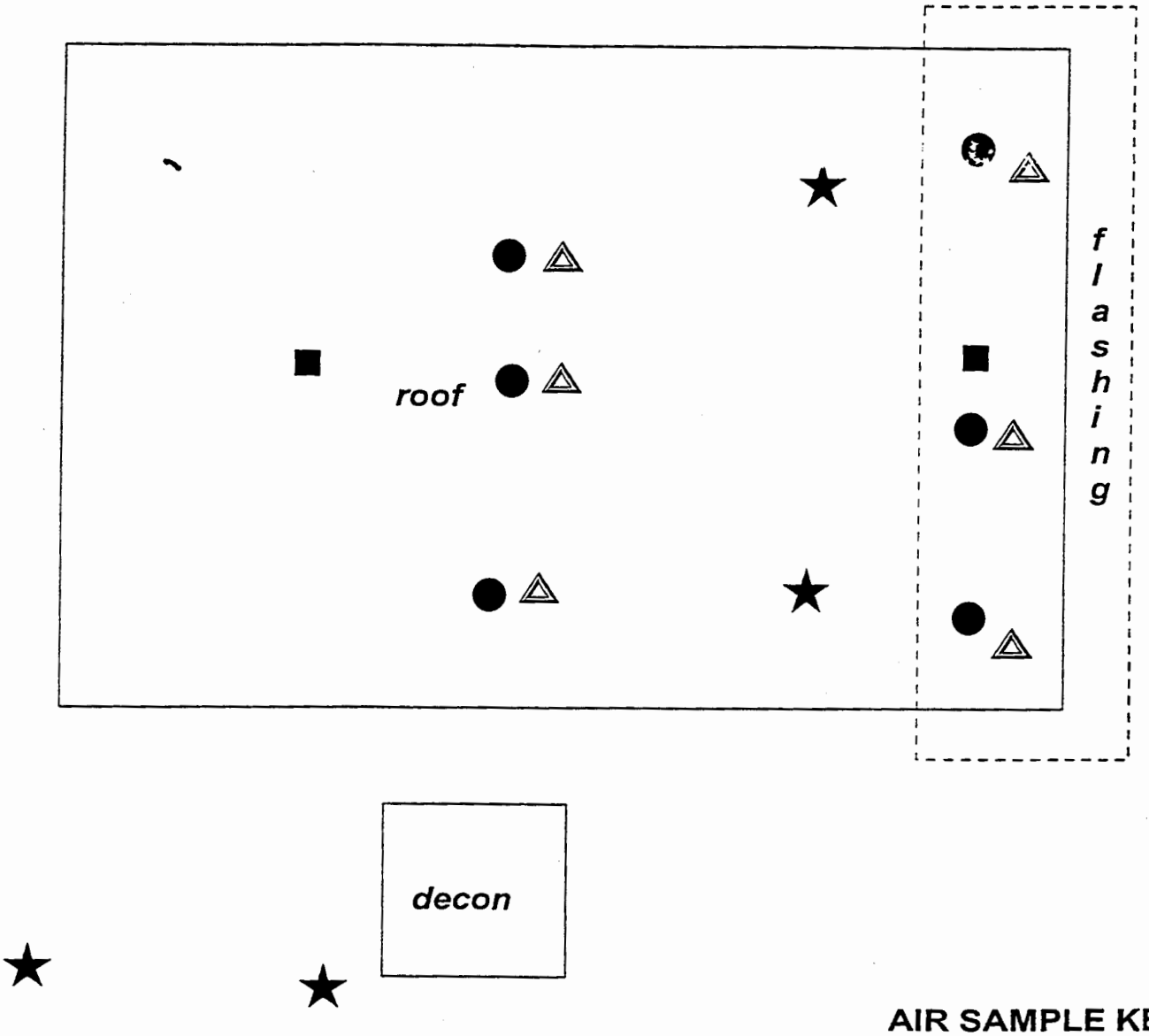
**Air Sample Analysis**

Lozier Laboratories, Inc., which is a New York State Department of Health ELAP (#10390) certified laboratory, conducted the air sample analysis. All samples were analyzed with phase contrast microscopy (PCM) for the determination of air fiber concentrations per cubic centimeter utilizing NIOSH 7400 method. All final PCM clearance samples were <0.01 f/cc or less than background levels as per NYS Code Rule 56. The analytical data and chains of custody are enclosed on the following pages.

Lozier Laboratories, Inc. appreciates this opportunity to provide you with our professional services. If you have any questions please contact me at (716) 654-9080.

Sincerely,

Jeanne K. DeNike
Asbestos/Lead Services




AIR SAMPLING LOCATIONS
ROOF
SMALL ROOF FLASHING

**AIR SAMPLE KEY**

| | |
|---|---|
| BACKGROUND | ■ |
| PRE-ABATEMENT | △ |
| WORK IN PROGRESS | ★ |
| FINAL | ● |

586 MAIN STREET
EAST AURORA, NEW YORK

LOZIER LABORATORIES, INC., OCTOBER 31 TO NOVEMBER 1, 2001
*NOT TO SCALE*

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15076A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Background

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 4

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15076A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15076A-2 | 0-2 | Outside Work Area | 1200 | <0.01 | |
| 15076A-3 | B-1 | Field Blank | | | <0.64 |
| 15076A-4 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15077A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Pre-Abatement

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | AIRBORNE CONC. (F/MM2) |
|---|---|---|---|---|---|
| 15077A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15077A-2 | I-2 | Inside Work Area | 1200 | <0.01 | |
| 15077A-3 | I-3 | Inside Work Area | 1200 | <0.01 | |
| 15077A-4 | O-4 | Outside Work Area | 1200 | <0.01 | |
| 15077A-5 | O-5 | Outside Work Area | 1200 | <0.01 | |
| 15077A-6 | O-6 | Outside Work Area | 1200 | <0.01 | |
| 15077A-7 | B-1 | Field Blank | | | <0.64 |
| 15077A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15078A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Work In Progress

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 7

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15078A-1 | 0-6 | Outside Work Area | 360 | <0.01 | |
| 15078A-2 | 0-7 | Outside Work Area | 360 | <0.01 | |
| 15078A-3 | 0-8 | Outside Work Area | 360 | <0.01 | |
| 15078A-4 | 0-9 | Outside Work Area | 360 | <0.01 | |
| 15078A-5 | 0-10 | Outside Work Area | 360 | <0.01 | |
| 15078A-6 | B-1 | Field Blank | | | <0.64 |
| 15078A-7 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15071A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Final

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/02/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15071A-1 | I-1 | Inside Area | 1200 | <0.01 | |
| 15071A-2 | I-2 | Inside Area | 1200 | <0.01 | |
| 15071A-3 | I-3 | Inside Area | 1200 | <0.01 | |
| 15071A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15071A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15071A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15071A-7 | B-1 | Field Blank | | | <0.64 |
| 15071A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

# AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora 1st Roof Flash

WORK AREA: Roof

SHIFT: A

(BACKGROUND) PRE-AIR WIP FINAL ENV

| SAMPLE NUMBER: | I1 | 02 | B1 | B2 |
|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 |
| SAMPLE LOCATION: | I1 | 02 | | |
| ROTOMETER NUMBER: | 17 | 17 | | |
| STARTING FLOW RATE: | 10 | 10 | | |
| ENDING FLOW RATE: | 10 | 10 | | |
| AVG. FLOW RATE: (L/MIN) | 10 | 10 | | |
| START TIME: | 1130 | 1131 | | |
| STOP TIME: | 1330 | 1331 | | |
| DURATION: (MIN) | 120 | 120 | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | ↓ | ↓ |
| FIBERS/FIELDS: | 7.5 | 3 | 0 | 0 |
| FIBERS/cc | <0.01 | <0.01 | NA | NA |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J-

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15077A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

**AIR MONITORING**

CLIENT NAME: Classic Environmental

LOCATION: 586 main ST E. Aurora 1sn Root Flashing

WORK AREA: Root

SHIFT: ~~2~~

BACKGROUND (PRE-AIR) WIP FINAL ENV

| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | → | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | → | → | → | 10 | | | | | | |
| START TIME: | 1:32 | 1:32 | 1:32 | 1:34 | 1:34 | 1:34 | | | | | | |
| STOP TIME: | 3~~:32~~ | 3~~:32~~ | 3:32 | 3:34 | 3:34 | 3:34 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | ↓ | ↓ | | | | |
| FIBERS/FIELDS: | 4.5 | 3 | 6 | 0 | 1 | .5 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John M Frisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15078A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st (E Aurora) Isn Roof flashing

WORK AREA: Roof

SHIFT: A BACKGROUND PRE-AIR (WIP) FINAL ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | 06 | 07 | 08 | 09 | 010 | B1 | B2 | | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| SAMPLE LOCATION: | 06 | 07 | 08 | 09 | 010 | | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | → | 17 | | | | | | | |
| STARTING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| ENDING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| AVG. FLOW RATE: (L/MIN) | 3 | → | | → | 3 | | | | | | | |
| START TIME: | 940 | 941 | 942 | 943 | 944 | | | | | | | |
| STOP TIME: | 1140 | 1141 | 1142 | 1143 | 1144 | | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 360 | 360 | 360 | 360 | 360 | ↓ | ↓ | | | | | |
| FIBERS/FIELDS: | 4 | 2.5 | 1 | 1 | 5 | 0 | 0 | | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main st DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: S

SEALED BY: John Mylotte DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

15071A PCM

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 Main st. E. Aurora Isa Roof FL

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR WIP (FINAL) ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | → | → | → | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | → | → | → | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | → | → | → | 10 | | | | | | |
| START TIME: | 12:00 | 12:00 | 12:00 | 12:01 | 12:01 | 12:01 | | | | | | |
| STOP TIME: | 2:00 | 2:00 | 2:00 | 2:01 | 2:01 | 2:01 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | | | | | | |
| FIBERS/FIELDS: | 2 | 3.5 | 1.5 | .5 | 1 | 1 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/2/01

TRANSPORTED FROM: 586 Main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: 5

SEALED BY: John McGrath DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/2/01

CASSETTE LOT #

RESULTS NEEDED BY:

**AES** - *Alternative Environmental Services Inc* **Main Office:** 116 Main St., PO Box 283 Clayville, NY 13322 (315) 839-5696

**AES Project #:** C01-895 **Page:** 01 **NIOSH Method 7400 Modified CRS (NIOSH A) Rules** **ELAP #11701**

| Client: | Project Description: | Agency: | Phase: | Project Location: |
|---|---|---|---|---|
| Classic Enviromental Inc. | Insulation | AES, Inc. | FINALS | 588 Main Street, East Andora |

| Client Address: | City State: | Sample: | Blanks: | Total: | Sample Date: | Sample Recd: | Analyze Date: |
|---|---|---|---|---|---|---|---|
| P.O.Box 480 | Clifton Park, NY 12065 | 6 | 2 | 8 | 12/03/01 | 12/03/01 | 12/04/01 |

| Client Contact: | Phone #: | Fax #: | Project#: | Lab#: | Find#: |
|---|---|---|---|---|---|
| Greg Streeter | 518-664-1209 | 518-664-1209 | C01-895 | 01-1072 | E20-29 |

## Test Results

| Sample# | Sample Identification | Fibers/Field | Vol.(liters) | Filter Size | Concentration or Density |
|---|---|---|---|---|---|
| 1 | Inside Work Area | 0/100 | 1300 | 25mm | 0.000 |
| 2 | Inside Work Area | 1/100 | 1320 | 25mm | 0.000 |
| 3 | Inside Work Area | 0/100 | 1320 | 25mm | 0.000 |
| 4 | Outside Work Area | 0/100 | 1350 | 25mm | 0.000 |
| 5 | Outside Work Area | 0/100 | 1370 | 25mm | 0.000 |
| 6 | Outside Work Area | 0/100 | 1390 | 25mm | 0.000 |
| 7 | Field Blank #1 | 0/100 | 0 | 25mm | ------- |
| 8 | Field Blank #2 | 0/100 | 0 | | ------- |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

COMMENTS: ANALYZED BY:

** LOD - Limit of Detection - 7.0 f/mm²
* LOQ - Lowest Level of Reliable Quantification

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 78874 **WASTE SHIPMENT RECORD** S.T.G. # 11459

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone |
|---|---|---|
| MR. G's Cleaners Roby | MR. G's Cleaners 586 Main Street E. Aurora, New York | 714-942-7000 |

| 2. Removal Contractor: Name/Address | Contractor: Phone # |
|---|---|
| Classic Environmental, Inc. P.O. Box 480 Clifton Park, NY 12065 Contact: Craig Ingalls | 518-664-1200 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II 26 Federal Plaza, Room 500 New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials Specify Friable or Non-Friable | Containers No. | Type | Total Quantity |
|---|---|---|---|
| Non friable flexible material | | Non-friable | 20 Bags |
| | | | |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | | 11/02/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | |
|---|---|---|
| | Signature: | Telephone No. |
| | Printed Name: | Date: |
| | Title: | |

| 9. Transporter 2 (Acknowledgement of Receipt of Materials) Company Name & Address | | |
|---|---|---|
| Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007 Profile #00534 | Signature: Jeremy Clark | Telephone No. 877-999-9559 |
| | Printed Name: Jeremy | Date: |
| | Title: Driver | |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | |
|---|---|---|
| Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683 Permit No. 100281 | Signature: Denise L. Rugg | Telephone No. 724-887-9400 |
| | Printed Name: NOV 28 2001 | Date |
| | Title: | |

WHITE-Disposal Site; GREEN-S.T.G.; YELLOW-

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 94678 **WASTE SHIPMENT RECORD** S.T.G. # _____

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR C's CLEANERS<br>Roof VENT. | MR C's CLEANERS<br>77- MAIN STREET<br>EAST AURORA, N.Y | N/A |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1209 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. | Type | Total Quantity |
|---|---|---|---|
| Asbestos Covering of Heat Vent | — | Non-Friable | 1-BAG |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as I stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | Craig Ingalls | 12/3/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | Telephone No. |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

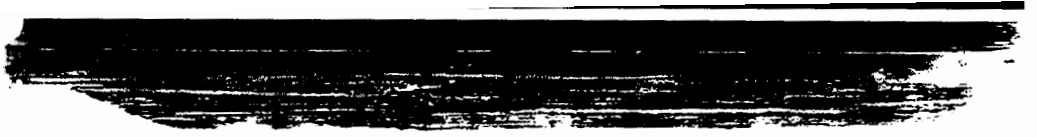
| Company Name & Address | | Telephone No. |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: _____<br>Printed Name: _____<br>Title: | 877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification
(Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: _____<br>Printed Name: _____<br>Title: _____ | 724-887-9400<br>Date |



# CLASSIC ENVIRONMENTAL INC.

# ASBESTOS CLOSE-OUT

Mr. C's Dry Cleaners
Main Street
East Aurora, NY

GC: The Tyree Organization LTD.
4 Northway Lane
Albany, NY 12110

STATE OF NEW YORK - DEPARTMENT OF LABOR
**DIVISION OF SAFETY AND HEALTH**
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

# ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 01-1252
DATE OF ISSUE: 02/14/01
EXPIRATION DATE: 02/28/02

Contractor: Classic Environmental Inc.

Address: P.O. Box 480
Clifton Park, NY 12065

Duly Authorized Representative: Craig Ingalls

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

# ACORD. CERTIFICATE OF LIABILITY INSURANCE

GSR CP CLASS-6

DATE (MM/DD/YY) 10/02/01

PRODUCER

Angers & Litz Associates, Inc.
15 Angers Avenue
Schenectady NY 12303
Phone: 518-355-8030 Fax: 518-355-0054

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

| | |
|---|---|
| INSURER A: | American Safety Cas Ins Co |
| INSURER B: | 239 New York Casualty Ins Co. |
| INSURER C: | |
| INSURER D: | |
| INSURER E: | |

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS | |
|---|---|---|---|---|---|---|
| A | GENERAL LIABILITY<br>X COMMERCIAL GENERAL LIABILITY<br>CLAIMS MADE [X] OCCUR<br>X Professional Liab<br>X Pollution Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER<br>X POLICY [ ] PRO-JECT [ ] LOC | POL 01-2344-001 | 05/22/01 | 05/22/02 | EACH OCCURRENCE<br>FIRE DAMAGE (Any one fire)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG | $ 1000000<br>$ 50000<br>$ 5000<br>$ 1000000<br>$ 2000000<br>$ 2000000 |
| B | AUTOMOBILE LIABILITY<br>ANY AUTO<br>ALL OWNED AUTOS<br>X SCHEDULED AUTOS<br>X HIRED AUTOS<br>X NON-OWNED AUTOS | BA 5E 23 58 | 08/25/01 | 08/25/02 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident) | $ 300000<br>$<br>$<br>$ |
| | GARAGE LIABILITY<br>ANY AUTO | | | | AUTO ONLY - EA ACCIDENT<br>OTHER THAN AUTO ONLY: EA ACC<br>AGG | $<br>$<br>$ |
| | EXCESS LIABILITY<br>OCCUR [ ] CLAIMS MADE<br>DEDUCTIBLE<br>RETENTION $ | | | | EACH OCCURRENCE<br>AGGREGATE | $<br>$<br>$<br>$<br>$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | WC-00002082000-00 | 05/22/01 | 05/22/02 | X WC STATU-TORY LIMITS [ ] OTH-ER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | $ 100000<br>$ 100000<br>$ 500000 |
| | OTHER | | | | | |

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Certificate holder is additional insured under general liability coverage.
Project: Mr. C's Cleaners, 586 Main Street, East Aurora, NY

CERTIFICATE HOLDER | Y ADDITIONAL INSURED; INSURER LETTER: A

TYREE01

Tyree Organization
4 Northway Lane
Latham NY 12110

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

Leonard R. Angers

ACORD 25-S (7/97)

©ACORD CORPORATION 1988

CET

CLASSIC ENVIRONMENTAL INC.

# DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST Aurora ny

PROJECT Ty Rec WEATHER 50° cloudy

SUPERVISOR SIGNATURE [signature] PRINT Greg Streeter

| TIME | DESCRIPTION OF WORK |
|---|---|
| 0800 | On Site with 3 Laborers / met with Ty Rec (Robert Blow) we will Be Having a Safety meeting Prior to any work on Site / Safety meeting conducted By Ty Rec Safety man / Decon trailer moved to Side of Bldg / 3 Stage OSHA Decon Set up on the trailer / water hose to trailer and tool / tools and equipment up onto the roof / Safety Cones Set up / Barricade tape Set up / |
| 1000 | Starting to Do Removal of the Brick flashing - Approximately 75' of Area to Be Removed / Debris Area and cut the Cone with the Cutter / There is a metal sheeting over Capped the wooden Mount - we are going to Do Removal Down to the wooden Mount / wetting Brick - Bagging and Putting Bags near the Ladder |
| 1200 | All of the flashing is off the wall and Brick wetted - Bagged and cleaned - Doing a final cleaning of the work area / All waste - tools and equipment off the Bldg and we are going to Put up the Tarp and Winter shield for a temporary water tightening of the wall |
| 1400 | Decon to Down - All Waste Loaded - we will Be Returning in 2-3 weeks to Do Removal of the 100 Sq Ft of Duct Insulation - |
| | CLS |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: Tyree Organization | PROJECT #: |
| LOCATION: 586 main ST EAST ARLINGTON NJ | DATE: 11/2/01 |
| SUPERVISOR: Grey Streeter | SHIFT: DAYS |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| Julius Valdez | 466 47 8285 | 0800 | 1400 | | |
| LARRY Stricklan | 087-54-4557 | 0800 | 1400 | | |
| Richard Welsh | 095-60-9316 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Grey Streeter | 161-54-5719 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| John Frisbie | 447-80-9919 | 0800 | 1400 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

# CEI

CLASSIC ENVIRONMENTAL INC.

## DAILY SITE LOG

DATE 12/3/01 LOCATION Roof

PROJECT Mr. C's Cleaners WEATHER Sunny 45°

SUPERVISOR SIGNATURE [signature] PRINT CRAIG INGALLS

| TIME | DESCRIPTION OF WORK |
|---|---|
| 9:00 | Arrived on Site, met with Site Supervisor walked project started to set up pop-up Measured Asbestos only 5m Section 15 feet will glovebag pipes |
| 9:30 | Pop-up built and up starting to suit up And glovebag being put-up! Know. |
| 10:00 | glovebag finished Also will take All fiber glass that's around unit All but what's in duct work |
| 11:00 | Starting to pick-up. Supplies And take down pop-up |
| 11:30 | putting unit Sides back on should be off Site in ½ hour job complete |

# CEI

CLASSIC ENVIRONMENTAL INC.

| | |
|---|---|
| PROJECT: | PROJECT #: |
| LOCATION: MR. C's CLEANERS | DATE: 12/3/01 |
| SUPERVISOR: CRAIG INGALLS | SHIFT: DAY |

| Employee Name | S.S. Number | IN | OUT | IN | OUT |
|---|---|---|---|---|---|
| CRAIG INGALLS | 122-36-1024 | 9:00 | 12:00 | | |
| RICHARD WELSH | 095609316 | 9:00 | 12:00 | | |
| Chris O'Grady | 084-58-2624 | 9:00 | 12:00 | | |
| | | | | | |
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| | | | | | |

**AIR MONITOR or VISITOR**

| | | | | | |
|---|---|---|---|---|---|
| JASON BRADY | 072-68-4209 | 9:00 | 12:00 | | |
| | | | | | |
| | | | | | |

All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

PO BOX 480, CLIFTON PARK, NY 12065-0480 PH/FX (518) 664-1209

# CEI

CLASSIC ENVIRONMENTAL INC.

## SAFETY MEETING DAILY LOG

Date: 12/3/01 Conducted By: Craig Ingalls

Project: MR C's Cleaners

Location: Roof top Unit.

TOPIC OF DISCUSSION: Fall Protection

ACCIDENTS REVIEWED:

OTHER:

| LIST OF ATTENDEES (Name & SS#) | |
|---|---|
| 1) Craig Ingalls 122-36-1024 | 8) |
| 2) Chris O'Grady 084-58-2624 | 9) |
| 3) Ricardo Welsh 095-60-9316 | 10) |
| 4) | 11) |
| 5) | 12) |
| 6) | 13) |
| 7) | 14) |

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 95-18708 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 110-54-5579 | |
| EYES | HAIR |
| HAZ | RED |
| WEIGHT | HEIGHT |
| 210 lbs. | 6 ft. 01 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1900793

DOSH-442 (01/91)

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/91)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

[redacted]

Re: STREETER, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. IAGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

24 APR '01
Date

Russell B Beacock DMD
Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

**GREGORY STREETER**
19B Riverside Ave.
Rensselaer, New York 12144
518-434-3847

Personal Objective:

To obtain a position in a company that will be beneficial to both the company and myself.

Education:

MSHA Certified Safety Instructor, Dept. of Labor, Albany, New York
Federal Certification
Gouverneur High School, Gouverneur, New York
High School Diploma 1983

Qualification:

-Employee hiring, training, and supervision
-Understanding of field payroll, estimating, job costing, and field Conditions
-Coordinated daily, weekly, and monthly schedules for projects, sub contractors, and office/field staff
-Project manager for projects ranging from $1,000 to $2,000,000
-In charge of multiple projects at the same time
-Estimating of jobs ranging from $500 to $100,000
-Marketing and networking via phone, mail, fax, and personal contact
-Certificates held NYS asbestos supervisor, NY City asbestos supervisor, Vermont asbestos supervisor, and Maine asbestos supervisor
-Understanding on how to handle clients & negotiations

Employment History:

| | |
|---|---|
| 5/01 – Present | Classic Environmental Inc., / Clifton Park, NY<br>Manager |
| 4/00 – 2/01 | Allied Environmental Services, Inc / Rensselaer, NY<br>Operations Manager |
| 5/98 – 2/00 | Environmental Products & Services, Inc / Albany, NY<br>Project Manager/Operation Manager |
| 4/95-5/98 | A+ Environmental Services Inc, Rensselaer, NY<br>Project Manager/Project Supervisor |
| 2/95-4/95 | MARCO Remediation, Albany, New York<br>Field Employee |

References: Available upon request

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 05-11403 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 122-36-1024 | |
| EYES | HAIR |
| BRO | GRY |
| WEIGHT | HEIGHT |
| 250 lbs. | 5 ft. 10 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

176130

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
G (06/01), H (06/02)

CRAIG R INDALLS
163 ANTHONY RD
CLIFTON PARK, NY 12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

CLIFTON PARK FAMILY MEDICINE
SHELLEY B. JUSTA, M.D.
LIC. # 191222
DEA # BJ 0758960
STEPHANIE ROMEISER, M.D.
DEA # BR 3180681 LIC. # 172449
EDWARD NAUMOWICZ, P.A.
DEA # NN 0048378 LIC. # 001507-1
2 CHELSEA PLACE, SUITE 100
CLIFTON PARK, NY 12065
(518) 383-2280

NAME Cpcs 1 usotto AGE 41 yr old
DATE 6/6/01
ADDRESS _____
EMAIL IF NOT SAFETY BLUE BACKGROUND

pt had a PE
3 yrs ago
Pt has had asbestos exposure in the past
Pt is a smoker
Pt would like to go on birth control

IF PRESCRIPTION WILL BE FILLED GENERICALLY,
EDIT PRESCRIBER WRITES 'D.A.W' IN THE BOX BELOW.

Brand _____ times
Label _____

Dispense As Written

TIFP1350739

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 99-03293 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 084-58-2624 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 220 lbs. | HEIGHT: 6 ft. 04 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1591970

DOSH-442 (01/97)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (01/03)
S - SUPERVISOR (01/03)

CHRISTOPHER E O'GRADY
1213 3RD ST
RENSSELAER NY 12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: O'GRADY CHRISTOPHER E

Social Security #: 084-58-2624

Date Examined: 08-01-01

Employer: CLASSIC ENVIR INC

Dear MR. THOMAS PERRAULT:

After conducting a physical examination on the above named individual including a review of their past medical history, a pulmonary function test, and a chest x-ray if indicated, I have determined that he/she has no detectable medical conditions that would place him/her at risk of material health impairment from exposure to asbestos in accordance with OSHA 1910.1001 and OSHA 1926.1101.

He/she is also physically and medically qualified to wear respirator protection in accordance with OSHA 1910.134.

Recommendations:

[X] Found fit to use the following respirators:

- [X] Filter Respirator (Dust mask)
- [X] Cartridge Respirator
- [X] Powered Air-Purifying Respirator (PAPR)
- [X] Supplied Air Respirator
- [X] Self Contained Breathing Apparatus (SCBA)

[X] The employee has been informed of the results of the medical examination.

[ ] The employee has been informed of the increased risk of lung cancer attributable to the combined effects of smoking and asbestos exposure.

Comments:

08-01-01
Date

Russell P Beaudin
Signature of Examining Personnel

6/16/99 Asbestos Clearance

RMF0151

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (05/02)

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY 12307

RICHARD CUCCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/91)

MUST BE CARRIED ON ASBESTOS PROJECTS



| | |
|---|---|
| CERTIFICATE NUMBER | AH 00-10886 |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | 095-60-9316 |
| EYES: BRO | HAIR: BLK |
| WEIGHT: 210 lbs. | HEIGHT: 5 ft. 07 in. |

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

181299C

K-253

10/29/2001 16:19 518-386-2242 JAMIE BRAUN

Eastern New York Occupational & Environmental Health Center

1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

## PHYSICAL EXAMINATION

Name: Ricardo Welsh Date: 6/26/01

Patient D.O.B.: 5/20/70

214 (NB) Height ~~205~~ Weight 5'7" BP 130, 80 P 65 R _____ Repeat BP if elevated _____

Visual Acuity
Without Glasses:
Distance: Left ___/___ Right ___/___
Near: Left ___/___ Right ___/___
With Glasses:
Distance: Left ___/___ Right ___/___
Near: Left ___/___ Right ___/___

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| **HEAD & NECK** | | | | |
| Head, Scalp | | | | |
| Lids, Sclera, Conj. | | | | |
| Eye Muscles | | | | |
| Pupils | | | | |
| Fundi | | | | |
| Ears | | | | |
| Nose/Sinuses | | | | |
| Teeth/Gums | | | | |
| Pharynx | | | | |
| Thyroid | | | | |
| Neck Glands | | | | |
| Carotics | | | | |
| **CHEST** | | | | |
| Lungs | | | | |
| Heart | | | | |
| Breasts/Ax. Nodes | | | | |
| **ABDOMINAL** | | | | |
| Abdominal tend/masses | | | | |
| Liver/Spleen | | | | |
| Abdominal bruits | | | | |
| Inguinal Canal/Hernia | | | | |
| Inguinal Nodes | | | | |
| Aorta | | | | |
| **DERMATOLOGICAL** | | | | |
| Skin Lesions | | | | |
| Nail Beds | | | | |
| **EXTREMETIES** | | | | |
| Pulses | | | | |
| Varicose Veins | | | | |
| Pedal Edema | | | | |
| **JOINTS** | | | | |
| Neck | | | | |
| Back | | | | |
| Hips | | | | |
| Upper extremities | | | | |
| Lower extremities | | | | |

| | Not Done | Normal | Abnormal | Comment |
|---|---|---|---|---|
| ***FEMALE GENITALIA*** | | | | |
| External Genitalia | | | | |
| Vagina/Cervix | | | | |
| Uterus/Adnexae | | | | |
| ***MALE GENITALIA*** | | | | |
| Genitalia/Testicular Exam | | | | |
| Prostate | | | | |
| ***RECTAL*** | | | | |
| Ano-rectal | | | | |
| Stool Guiac | | | | |
| ***NEUROLOGICAL*** | | | | |
| Mental Status | | | | |
| Cranial Nerves | | | | |
| Motor | | | | |
| Sensory | | | | |
| Tendon Reflexes | | | | |
| Romberg/Proprioc | | | | |
| Gait/Cerebellar | | | | |
| ***TESTING*** | | | | |
| ECG | | | | |
| Spirometry | | | | |
| Urinalysis | | | | |
| CBC | | | | |
| Chemistry 20 | | | | |
| Audiogram | | | | |
| Chest X-Ray | | | | |

| PROBLEMS: | PLANS: |
|---|---|
| Appears healthy. | OK full duty no restr. |

6/26/01
DATE

L Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

PE.FRM.istpg.disc.forms.0600

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 98-1803 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 460-47-8285 | |
| EYES | HAIR |
| BRO | BLK |
| WEIGHT | HEIGHT |
| 180 lbs. | 5 ft. 0 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
- SUPERVISOR (04/92)

JULIUS VALDEZ
69 INGLES
1ST FLOOR
TROY, NY 1218

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-AA2 (04/91)

Re: VALDEZ, Jucius III

Social Security #: 460-47-8285

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG IRSALL :

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

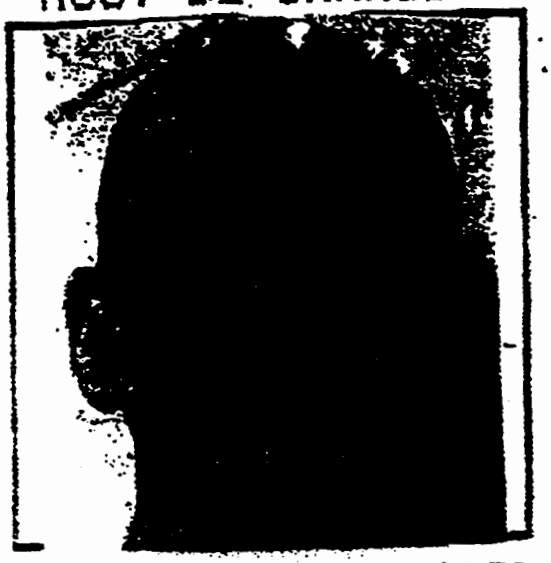
10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS



| CERTIFICATE NUMBER | |
|---|---|
| AH 92-02372 | |
| EXPIRES | |
| SOCIAL SECURITY NUMBER | |
| 087-54-4519 | |
| EYES: BRO | HAIR: BRO |
| WEIGHT: 150 lbs. | HEIGHT: 5 ft. 6 in. |

ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYS Department of Labor
OSH - License and Certificate Unit
O Box 687, New York, NY 10014-0687

STATE OF NEW YORK
**DEPARTMENT OF LABOR**
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
A - ASBESTOS HANDLER (07/92)

LAWRENCE L ST. ANDREW
1234 TANARAC
TROY, NY 12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREW, LAWRENCE

Social Security #: 087-54-4519

Date Examined: 10-29-01

Employer: CEI

Dear CRAIG INGALLS:

After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

[X] No Medical Risk/Restriction: Examinee is medically qualified to perform essential functions of the position without accommodation.

[ ] Low Risk/Restriction: Examinee is medically qualified to perform essential functions of the position at the time of examination, but periodic medical follow-up is recommended. (See comments below).

[ ] Moderate Risk/Restriction: Examinee would be medically qualified to perform essential function of the position only if below noted limitations/restrictions can be accommodated. (See comments).

Comments:

10-29-01
Date

Signature of Examining Personnel

6/16/99 Clearance - Qualified

RMF0018



# *LOZIER ANALYTICAL GROUP*
# *ASBESTOS/LEAD DIVISION*

## ASBESTOS ABATEMENT AIR MONITORING

## 586 MAIN STREET
## E. AURORA, NEW YORK

***PROJECT :***

**SMALL ROOF FLASHING - ROOF**

**FOR:**

**CLASSIC ENVIRONMENTAL, INC.**
**PO BOX 480**
**CLIFTON PARK, NEW YORK 12065**

**NOVEMBER 1 TO NOVEMBER 2, 2001**

Lozier Analytical Group

Lozier Laboratories, Inc. • 696 North Winton Road • Rochester, NY 14609
716-654-9080 • Fax 716-654-6353

November 7, 2001

Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

Re: Asbestos Abatement Air Monitoring and Analysis: November 1 to November 2, 2001: 586 Main Street, E. Aurora, New York.

Lozier Laboratories, Inc. is pleased to present you with the enclosed Asbestos Abatement Air Monitoring report in regard to the following abatement projects:

- Small Roof Flashing - Roof

**Asbestos Abatement Air Monitoring**

Lozier Laboratories, Inc. provided New York State certified and licensed asbestos air sampling technician John Frisbie (AH 01-12757) to conduct background, pre-abatement, work in progress and final air in accordance with New York State Code Rule 56 and all other applicable state, and local, and federal regulations.

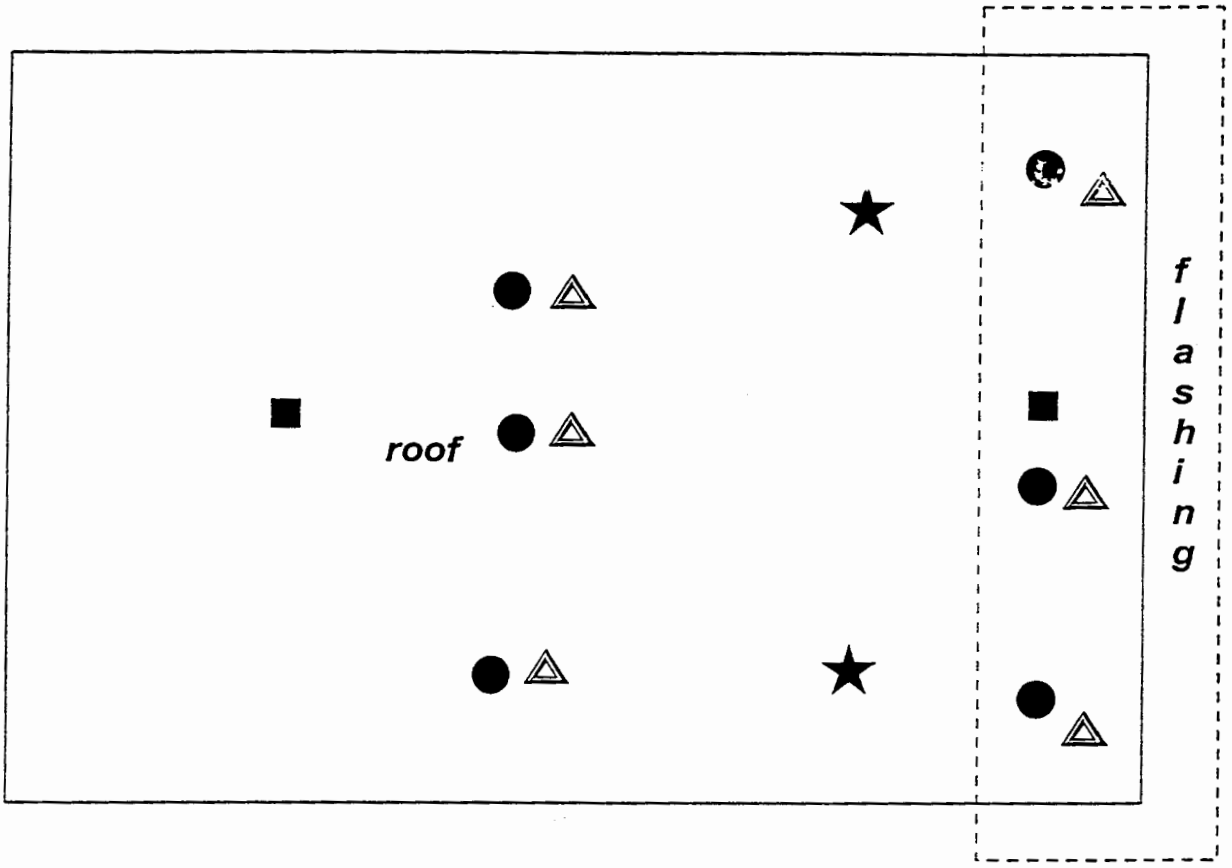
**Air Sample Analysis**

Lozier Laboratories, Inc., which is a New York State Department of Health ELAP (#10390) certified laboratory, conducted the air sample analysis. All samples were analyzed with phase contrast microscopy (PCM) for the determination of air fiber concentrations per cubic centimeter utilizing NIOSH 7400 method. All final PCM clearance samples were <0.01 f/cc or less than background levels as per NYS Code Rule 56. The analytical data and chains of custody are enclosed on the following pages.

Lozier Laboratories, Inc. appreciates this opportunity to provide you with our professional services. If you have any questions please contact me at (716) 654-9080.

Sincerely,

Jeanne K. DeNike
Asbestos/Lead Services




AIR SAMPLING LOCATIONS
ROOF
SMALL ROOF FLASHING

AIR SAMPLE KEY

| | |
|---|---|
| BACKGROUND | ■ |
| PRE-ABATEMENT | △ |
| WORK IN PROGRESS | ★ |
| FINAL | ● |

586 MAIN STREET
EAST AURORA, NEW YORK

LOZIER LABORATORIES, INC., OCTOBER 31 TO NOVEMBER 1, 2001
*NOT TO SCALE*

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15076A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Background

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 4

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15076A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15076A-2 | 0-2 | Outside Work Area | 1200 | <0.01 | |
| 15076A-3 | B-1 | Field Blank | | | <0.64 |
| 15076A-4 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15077A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Pre-Abatement

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/01/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15077A-1 | I-1 | Inside Work Area | 1200 | <0.01 | |
| 15077A-2 | I-2 | Inside Work Area | 1200 | <0.01 | |
| 15077A-3 | I-3 | Inside Work Area | 1200 | <0.01 | |
| 15077A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15077A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15077A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15077A-7 | B-1 | Field Blank | | | <0.64 |
| 15077A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15078A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Work In Progress

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/05/01
**Analyst:** C. Stephens
**Number of Samples:** 7

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | AIRBORNE CONC. (F/MM2) |
|---|---|---|---|---|---|
| 15078A-1 | 0-6 | Outside Work Area | 360 | <0.01 | |
| 15078A-2 | 0-7 | Outside Work Area | 360 | <0.01 | |
| 15078A-3 | 0-8 | Outside Work Area | 360 | <0.01 | |
| 15078A-4 | 0-9 | Outside Work Area | 360 | <0.01 | |
| 15078A-5 | 0-10 | Outside Work Area | 360 | <0.01 | |
| 15078A-6 | B-1 | Field Blank | | | <0.64 |
| 15078A-7 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

# Lozier Laboratories, Inc.

696 Winton Road North
Rochester, New York 14609
Phone (716)-654-9080
Fax (716)-654-6353

New York State Approved
Environmental Laboratory
ELAP #10390
NELAP #01051


**Client:** Classic Environmental, Inc.
PO Box 480
Clifton Park, New York 12065

**Laboratory Number:** 15071A
**Report Date:** 11/07/01
**Page:** 1 of 1

**Sample Type:** Final

**Project:** Small Roof Flashing
**Project Site:** 586 Main Street, E. Aurora, NY

## SAMPLE INFORMATION

**Sample Date:** 11/02/01
**Sampler:** J. Frisbie
**Location:** Roof

**Analysis Date:** 11/02/01
**Analyst:** C. Stephens
**Number of Samples:** 8

## ASBESTOS AIR REPORT

| LAB ID# | CASSETTE # | LOCATION | VOLUME (L) | AIRBORNE CONC. (F/CC) | (F/MM2) |
|---|---|---|---|---|---|
| 15071A-1 | I-1 | Inside Area | 1200 | <0.01 | |
| 15071A-2 | I-2 | Inside Area | 1200 | <0.01 | |
| 15071A-3 | I-3 | Inside Area | 1200 | <0.01 | |
| 15071A-4 | 0-4 | Outside Work Area | 1200 | <0.01 | |
| 15071A-5 | 0-5 | Outside Work Area | 1200 | <0.01 | |
| 15071A-6 | 0-6 | Outside Work Area | 1200 | <0.01 | |
| 15071A-7 | B-1 | Field Blank | | | <0.64 |
| 15071A-8 | B-2 | Field Blank | | | <0.64 |

Analysis Method: Phase Contrast Microscopy (PCM) NIOSH 7400

Approved By:

15076A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora 1st Roof Flash

WORK AREA: Roof

SHIFT: A

(BACKGROUND) PRE-AIR WIP FINAL ENV

| SAMPLE NUMBER: | I1 | 02 | B1 | B2 |
|---|---|---|---|---|
| LABORATORY ID: | 1 | 2 | 3 | 4 |
| SAMPLE LOCATION: | I1 | 02 | | |
| ROTOMETER NUMBER: | 17 | 17 | | |
| STARTING FLOW RATE: | 10 | 10 | | |
| ENDING FLOW RATE: | 10 | 10 | | |
| AVE. FLOW RATE (L/MIN) | 10 | 10 | | |
| START TIME: | 1130 | 1131 | | |
| STOP TIME: | 1330 | 1331 | | |
| DURATION: (MIN) | 120 | 120 | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | ↓ | ↓ |
| FIBERS/FIELDS: | 7.5 | 3 | 0 | 0 |
| FIBERS/cc | <0.01 | <0.01 | NA | NA |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J-

SEALED BY: John McFisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

SOUTH

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st E. Aurora Isn Root Flashing

WORK AREA: Root

SHIFT: 1st

BACKGROUND (PRE-AIR) WIP FINAL ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | | | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | | | | 10 | | | | | | |
| START TIME: | 132 | 132 | 132 | 134 | 134 | 134 | | | | | | |
| STOP TIME: | 332 | 332 | 332 | 334 | 334 | 334 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | ↓ | ↓ | | | | |
| FIBERS/FIELDS: | 4.5 | 3 | 6 | 0 | 1 | .5 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main ST DATE TRANSPORTED: 11/1/01

TRANSPORTED TO: Lozier TRANSPORTED BY: J

SEALED BY: John McFrisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

5078A

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 main st (E Aurora) Isa Roof Flashing

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR (WIP) FINAL ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | 06 | 07 | 08 | 09 | 010 | B1 | B2 | | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| SAMPLE LOCATION: | 06 | 07 | 08 | 09 | 010 | | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | → | 17 | | | | | | | |
| STARTING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| ENDING FLOW RATE: | 3 | → | | → | 3 | | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 3 | → | | → | 3 | | | | | | | |
| START TIME: | 940 | 941 | 942 | 943 | 944 | | | | | | | |
| STOP TIME: | 1140 | 1141 | 1142 | 1143 | 1144 | | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | | | | | | | |
| SAMPLE VOLUME: (LITERS) | 360 | 360 | 360 | 360 | 360 | ↓ | ↓ | | | | | |
| FIBERS/FIELDS: | 4 | 2.5 | 1 | 1 | 5 | 0 | 0 | | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/1/01

TRANSPORTED FROM: 586 main st DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: S

SEALED BY: John M Frisbie DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS:

11/5/01

CASSETTE LOT #

RESULTS NEEDED BY:

# Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

## AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 Main st. E. Aurora Isa Roof FL

WORK AREA: Roof

SHIFT: A

BACKGROUND PRE-AIR WIP (FINAL) ENV

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMPLE NUMBER: | I1 | I2 | I3 | 04 | 05 | 06 | B1 | B2 | | | | |
| LABORATORY ID: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| SAMPLE LOCATION: | I1 | I2 | I3 | 04 | 05 | 06 | | | | | | |
| ROTOMETER NUMBER: | 17 | → | | | | 17 | | | | | | |
| STARTING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| ENDING FLOW RATE: | 10 | → | | | | 10 | | | | | | |
| AVE. FLOW RATE: (L/MIN) | 10 | → | | | | 10 | | | | | | |
| START TIME: | 12:00 | 12:00 | 12:00 | 12:01 | 12:01 | 12:01 | | | | | | |
| STOP TIME: | 2:00 | 2:00 | 2:00 | 2:01 | 2:01 | 2:01 | | | | | | |
| DURATION: (MIN) | 120 | 120 | 120 | 120 | 120 | 120 | | | | | | |
| SAMPLE VOLUME: (LITERS) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | | | | | | |
| FIBERS/FIELDS: | 2 | 3.5 | 1.5 | .5 | 1 | 1 | 0 | 0 | | | | |
| FIBERS/cc | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | NA | NA | | | | |

SAMPLED BY: John Frisbie DATE SAMPLED: 11/2/01

TRANSPORTED FROM: 586 Main ST DATE TRANSPORTED: 11/2/01

TRANSPORTED TO: Lozier TRANSPORTED BY: 5

SEALED BY: John McGrath DATE: 11/2/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

RECEIVED BY: DATE:

COMMENTS: 11/2/01

CASSETTE LOT #

RESULTS NEEDED BY:

**AES - Alternative Environmental Services Inc** Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 839-5696

AES Project #: C01-895 Page: 01

NIOSH Method 7400 Modified CRS (NIOSH A) Rules ELAP #11701

| Client: | Project Description: | Agency: | Phase: | Project Location: |
|---|---|---|---|---|
| Classic Enviromental Inc. | Insulation | AES, Inc. | FINALS | 586 Main Street, East Andora |

| Client Address: | City State: | Sample: | Blanks: | Total: | Sample Date: | Sample Recd: | Analyze Date: |
|---|---|---|---|---|---|---|---|
| P.O.Box 480 | Clifton Park, NY 12065 | 6 | 2 | 8 | 12/03/01 | 12/03/01 | 12/04/01 |

| Client Contact: | Phone #: | Fax #: | Project#: | Lab#: | Find#: |
|---|---|---|---|---|---|
| Greg Streeter | 518-664-1209 | 518-664-1209 | C01-895 | 01-1072 | E20-29 |

## Test Results

| Sample# | Sample Identification | Fibers/Field | Vol.(liters) | Filter Size | Concentration or Density |
|---|---|---|---|---|---|
| 1 | Inside Work Area | 0/100 | 1300 | 25mm | 0.000 |
| 2 | Inside Work Area | 1/100 | 1320 | 25mm | 0.000 |
| 3 | Inside Work Area | 0/100 | 1320 | 25mm | 0.000 |
| 4 | Outside Work Area | 0/100 | 1350 | 25mm | 0.000 |
| 5 | Outside Work Area | 0/100 | 1370 | 25mm | 0.000 |
| 6 | Outside Work Area | 0/100 | 1390 | 25mm | 0.000 |
| 7 | Field Blank #1 | 0/100 | 0 | 25mm | ------ |
| 8 | Field Blank #2 | 0/100 | 0 | | ------ |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |

COMMENTS: ANALYZED BY:

** LOD - Limit of Detection - 7.0 f/mm²
* LOQ - Lowest Level of Reliable Quantification



ALTERNATIVE ENVIRONMENTAL SVCS 315-839-5695 12/04/01 12:59P P.001

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 78874 **WASTE SHIPMENT RECORD** S.T.G. # 11951

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone |
|---|---|---|
| MR. C's Clean Ups<br>Rotterdam | MR. C's Cleaners<br>586 Main Street<br>E. Aurora, New York | 716-652-7200 |

| 2. Removal Contractor: Name/Address | Contractor: Phone # |
|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065<br>Contact: Craig Ingalls | 518-384-1207 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. Type | Total Quantity |
|---|---|---|
| Non friable roofing material | Non-friable | 20 Bags. |
| | | |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:
*This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.*

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | | 11/02/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | Telephone No. |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: Terry Clark<br>Printed Name: Terry<br>Title: Driver | 877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | Telephone No. |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: Denise L. Rugg<br>Printed Name: NOV 28 2001<br>Title: | 724-887-9400<br>Date |

WHITE-Disposal Site GREEN-S.T.G. YELLOW

# SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007 PHONE:(877) 999-9559

№ 94678

## WASTE SHIPMENT RECORD

S.T.G. # _____

**GENERATOR**

| 1. Material Origin Site | Generator: Name/Address | Generator: Phone # |
|---|---|---|
| MR C's CLEANERS<br>ROOF VENT. | MR. C's CLEANERS<br>77 MAIN STREET<br>EAST AURORA, N.Y. | N/A |

| 2. Removal Contractor: Name/Address | | Contractor: Phone # |
|---|---|---|
| Classic Environmental, Inc.<br>P.O. Box 480<br>Clifton Park, NY 12065 | Contact: Craig Ingalls | 518-664-1209 |

| 3. Responsible Agency: Name/Address | 4. US DOT Class - FRIABLE ASBESTOS ONLY |
|---|---|
| U.S. EPA Region II<br>26 Federal Plaza, Room 505<br>New York, NY 10278 | RQ ASBESTOS, 9, NA 2212, PG III |

| 5. Description of Materials<br>Specify Friable or Non-Friable | Containers<br>No. | Type | Total Quantity |
|---|---|---|---|
| Asbestos Covering of Heat Vent | — | Non-Friable | 1-BAG |

6. Special Handling Instructions: 24-hour emergency spill response no. 800-424-9300

7. Generator Certification:

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transport by highway according to the applicable regulations of the Department of Transportation, US E.P.A., and any other state government agency. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as I stated, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.

| Printed/Typed Name & Title | Signature | Date |
|---|---|---|
| CRAIG INGALLS | Craig Ingalls | 12/3/01 |

**TRANSPORTER**

8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.

| Company Name & Address | | |
|---|---|---|
| | Signature: _____<br>Printed Name: _____<br>Title: | Telephone No.<br>Date: |

9. Transporter 2 (Acknowledgement of Receipt of Materials)

| Company Name & Address | | |
|---|---|---|
| Service Transport Group, Inc.<br>P.O. Box 2132<br>Bristol, PA 19007 Profile #00534 | Signature: _____<br>Printed Name: _____<br>Title: | Telephone No.<br>877-999-9559<br>Date: |

**DISPOSAL SITE**

10. Discrepancy Indication Space:

11. Waste Disposal/Recycling Site Owner or Operator's Certification (Receipt of above Waste Except as Noted in 10)

| Company Name & Address | | |
|---|---|---|
| Greenridge Reclamation<br>R.D. #1, Box 716<br>Landfill Road<br>Scottdale, PA 15683<br>Permit No. 100281 | Signature: _____<br>Printed Name: _____<br>Title: _____ | Telephone No.<br>724-887-9400<br>Date |

# L Project Analytical Sampling Log Summary

# Sampling Log Book

**Contract Number:** D004180
**Site Number:** 9-15-157
**Site Name:** Mr. C's Dry Cleaners
**Location:** East Aurora, NY

| Date of Collection | Sample #/I.D. | Matrix | Analysis Type | Sampling Personnel |
|---|---|---|---|---|
| 10/17/01 | Decon Pad | Soil | TCL ASP 95-1 | D. Pachan |
| 10/23/01 | Test Pit 1 | Soil | Ignitability, Ph, TCLP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 10/23/01 | Test Pit 2 | Soil | Ignitability, Ph, TCLP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 10/23/01 | Test Pit 3 | Soil | Ignitability, Ph, TCLP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 10/25/01 | PZ-5 Drums | Soil | TCL ASP 95-1 | D. Pachan |
| 10/25/01 | Drill Rig Tank H20 | Liquid | TCL ASP 95-1 | D. Pachan |
| 10/30/01 | PZ-6 Drums | Soil | TCL ASP 95-1 | D. Pachan |
| 10/30/01 | PZ-8 Drums | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-2A Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-2B Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-2C Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-3A Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-3B Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-3C Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-3D Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-4A Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-4B Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-4C Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/5/01 | PZ-4D Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/7/01 | PVC 72 | Air | NIOSH 0500 | D. Pachan |
| 11/7/01 | PVC 66 | Air | NIOSH 0500 | D. Pachan |
| 11/8/01 | PVC 46 | Air | NIOSH 0500 | D. Pachan |
| 11/8/01 | PVC 65 | Air | NIOSH 0500 | D. Pachan |
| 11/8/01 | PVC 70 | Air | NIOSH 0500 | D. Pachan |
| 11/8/01 | Laborer Jay | Air | NIOSH 1501/1500 | D. Pachan |
| 11/8/01 | Operator Steve | Air | NIOSH 1501/1500 | D. Pachan |
| 11/9/01 | PVC 61 | Air | NIOSH 0500 | D. Pachan |
| 11/9/01 | PVC 34 | Air | NIOSH 0500 | D. Pachan |
| 11/9/01 | PVC 33 | Air | NIOSH 0500 | D. Pachan |
| 11/14/01 | Frack Tank UW-1 | Liquid | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | Pre Carbon | Liquid | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | Discharge TW-1D | Liquid | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | FM 450 S | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | FM 600 S | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | FM 300 S | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | 150 FM S | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | Test Pit #4 | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PZ-1B Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PZ-7B Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PZ-1D Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PZ-1C Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | FM 750 S | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-5 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-6 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-7 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-4 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PZ-7C Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PZ-7A Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-3 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-6 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-8 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PW-2 Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | P2-1A Drum | Soil | TCL ASP 95-1 | D. Pachan |
| 11/14/01 | PVC 57 | Air | NIOSH 0500 | D. Pachan |
| 11/14/01 | PVC 69 | Air | NIOSH 0500 | D. Pachan |
| 11/14/01 | PVC 28 | Air | NIOSH 0500 | D. Pachan |

# Sampling Log Book

**Contract Number:** D004180
**Site Number:** 9-15-157
**Site Name:** Mr. C's Dry Cleaners
**Location:** East Aurora, NY

| Date of Collection | Sample #/I.D. | Matrix | Analysis Type | Sampling Personnel |
|---|---|---|---|---|
| 11/15/01 | PVC 50 | Air | NIOSH 0500 | D. Pachan |
| 11/15/01 | PVC 60 | Air | NIOSH 0500 | D. Pachan |
| 11/15/01 | PVC 49 | Air | NIOSH 0500 | D. Pachan |
| 11/16/01 | TP-5 | Soil | Ignitability, Ph, TCP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 11/16/01 | TP-5D | Soil | Ignitability, Ph, TCP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 11/16/01 | MS-1 | Soil | Ignitability, Ph, TCP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 11/16/01 | MSD-1 | Soil | Ignitability, Ph, TCP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 11/16/01 | TP-6 | Soil | Ignitability, Ph, TCP Benzene, TCLP Lead, TPH, TCL ASP 95-1 | D. Pachan |
| 11/20/01 | RW-1-UW-B | Liquid | TCL ASP 95-1 | D. Pachan |
| 12/3/01 | TP-7 | Soil | Ignitability, Ph, TCLP Benzene, TCLP Lead, TPH, TCL ASP 95-1, MTBE, MEK | D. Pachan |
| 12/3/01 | TP-8 | Soil | Ignitability, Ph, TCLP Benzene, TCLP Lead, TPH, TCL ASP 95-1, MTBE, MEK | D. Pachan |
| 12/3/01 | TP-9 | Soil | Ignitability, Ph, TCLP Benzene, TCLP Lead, TPH, TCL ASP 95-1, MTBE, MEK | D. Pachan |
| 12/3/01 | TW-PW7 | Liquid | TCL ASP 95-1 | D. Pachan |
| 12/4/01 | UW-PW2 | Liquid | TCL ASP 95-1 | D. Pachan |
| 12/4/01 | UW-PW3 | Liquid | TCL ASP 95-1 | D. Pachan |
| 12/17/01 | Carbon | Other | Ph, Flashpoint, Ignitability, 8260 TCLP, 8270 TCLP | D. Pachan |
| 3/6/02 | PW-7 | Liquid | TCLP ASP 95-1 | D. Pachan |
| 3/6/02 | RW-1 | Liquid | TCLP ASP 95-1 | D. Pachan |
| 3/15/02 | Pilot Hole PW7DC | Soil | TCLP ASP 95-1 | D. Pachan |
| 3/18/02 | PVC 109 | Air | NIOSH 0500 | D. Pachan |
| 3/18/02 | PVC 79 | Air | NIOSH 0500 | D. Pachan |
| 3/19/02 | PVC 95 | Air | NIOSH 0500 | D. Pacha |
| 3/19/02 | PVC 91 | Air | NIOSH 0500 | D. Pachan |
| 3/25/02 | 14.5 Trench | Soil | TCL ASP 95-1 | D. Pachan |
| 3/25/02 | PVC 119 | Air | NIOSH 0500 | D. Pachan |
| 3/25/02 | PVC 123 | Air | NIOSH 0500 | D. Pachan |
| 3/28/02 | PVC 110 | Air | NIOSH 0500 | D. Pachan |
| 3/28/02 | PVC 99 | Air | NIOSH 0500 | D. Pachan |
| 4/2/02 | PVC 96 | Air | NIOSH 0500 | D. Pachan |
| 4/2/02 | PVC 118 | Air | NIOSH 0500 | D. Pachan |
| 4/2/02 | 150 trench | Soil | TCL ASP 95-1 | D. Pachan |
| 4/4/02 | PVC 94 | Air | NIOSH 0500 | D. Pachan |
| 4/4/02 | PVC 116 | Air | NIOSH 0500 | D. Pachan |
| 4/9/02 | PVC 87 | Air | NIOSH 0500 | D. Pachan |
| 4/9/02 | PVC 97 | Air | NIOSH 0500 | D. Pachan |
| 4/10/02 | PVC 92 | Air | NIOSH 0500 | D. Pachan |
| 4/10/02 | PVC 108 | Air | NIOSH 0500 | D. Pachan |
| 4/10/02 | 300 trench | Soil | TCL ASP 95-1 | D. Pachan |
| 4/11/02 | PVC 89 | Air | NIOSH 0500 | D. Pachan |
| 4/11/02 | PVC 90 | Air | NIOSH 0500 | D. Pachan |
| 4/27/02 | PVC 102 | Air | NIOSH 0500 | D. Pachan |
| 4/24/02 | PVC 86 | Air | NIOSH 0500 | D. Pachan |
| 4/24/02 | Stock Pile Hax | Soil | TCL ASP 95-1, BTEX | D. Pachan |
| 4/30/02 | Top Soil | Soil | Physical Properties, Hydrogen Ion Value, Organic matter, Avail phosphoric acid and potassium | D. Pachan |
| 5/1/02 | 450 Trench | Soil | TCL ASP 95-1 | D. Pachan |
| 5/1/02 | PVC 161 | Air | NIOSH 0500 | D. Pachan |
| 5/6/02 | Haz trench 2 | Soil | TCL ASP 95-1, BTEX | D. Pachan |
| 5/7/02 | Haz trench 3 | Soil | TCL ASP 95-1, BTEX | D. Pachan |
| 5/7/02 | Trench bottom clay | Soil | TCL ASP 95-1, BTEX | D. Pachar |
| 5/8/02 | VOC #1 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/8/02 | VOC #2 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/8/02 | VOC #3 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/15/02 | Trench 600 | Soil | TCL ASP 95-1 | D. Pachan |

# Sampling Log Book

**Contract Number:** D004180
**Site Number:** 9-15-157

**Site Name:** Mr. C's Dry Cleaners
**Location:** East Aurora, NY

| Date of Collection | Sample #/I.D. | Matrix | Analysis Type | Sampling Personnel |
|---|---|---|---|---|
| 5/15/02 | MW-4 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | ESI-3 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | FD1 ES13 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MW-5 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MW-10 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MW-7 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MPI-41 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | PW-3 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | PW-2 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MPI-4S | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MPI-4D | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | PW-4 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MW-8 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MW-6 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MW-10B | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MPI-7 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | FD2 MPI4I | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | RW-1 | Liquid | 8010/8020 | D. Pachan |
| 5/15/02 | MPW-6S | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | PW-8 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | ESI-5 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | FD3 ESI5 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MW-14B | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | ESI-4 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | ESI-4D | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MSD1 ESI4 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MS-1 ESI4 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | PW-7 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MPI-IS | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MW-13B | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MPI-3S | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | PW-6 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | ESI-6 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | PW-5 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | MPI-11 | Liquid | 8010/8020, 524.2 | D. Pachan |
| 5/15/02 | P.C. RW-1 | Soil | TCL ASP 95-1 | D. Pachan |
| 5/15/02 | VOC #1 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/15/02 | VOC #2 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/15/02 | PVC 101 | Air | NIOSH 0500 | D. Pachan |
| 5/15/02 | PVC 78 | Air | NIOSH 0500 | D. Pachan |
| 5/16/02 | PVC 88 | Air | NIOSH 0500 | D. Pachan |
| 5/16/02 | PVC 84 | Air | NIOSH 0500 | D. Pachan |
| 5/16/02 | VOC #3 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/16/02 | VOC #4 | Air | NIOSH 1501/1500 | D. Pachan |
| 5/20/02 | Post Decon Pad | Soil | TCL ASP 95-1 | D. Pachan |
| 7/9/02 | Day 1 effluent | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/9/02 | Post Carbon 1 | Air | TO-2 | D. Pachan |
| 7/9/02 | Post Carbon 2 | Air | TO-2 | D. Pachan |
| 7/9/02 | Post Carbon 3 | Air | TO-2 | D. Pachan |
| 7/9/02 | Post Carbon 4 | Air | TO-2 | D. Pachan |
| 7/9/02 | Post Carbon 5 | Air | TO-2 | D. Pachan |
| 7/9/02 | Post Carbon 6 | Air | TO-2 | D. Pachan |
| 7/10/02 | Day 2 effluent | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/10/02 | Post Carbon 7 | Air | TO-2 | D. Pachan |
| 7/10/02 | Post Carbon 8 | Air | TO-2 | D. Pachan |
| 7/10/02 | Post Carbon 9 | Air | TO-2 | D. Pachan |

# Sampling Log Book

**Contract Number:** D004180
**Site Number:** 9-15-157
**Site Name:** Mr. C's Dry Cleaners
**Location:** East Aurora, NY

| Date of Collection | Sample #/I.D. | Matrix | Analysis Type | Sampling Personnel |
|---|---|---|---|---|
| 7/10/02 | Post Carbon 10 | Air | TO-2 | D. Pachan |
| 7/10/02 | Post Carbon 11 | Air | TO-2 | D. Pachan |
| 7/10/02 | Post Carbon 12 | Air | TO-2 | D. Pachan |
| 7/10/02 | Post Carbon 13 | Air | TO-2 | D. Pachan |
| 7/15/02 | AS influent pp1 | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/15/02 | AS effluent pp1 | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/16/02 | AS influent pp2 | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/16/02 | AS effluent pp2 | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/16/02 | Influent batch tank 1 | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/16/02 | Effluent batch tank 1 | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/17/02 | Tank A Effluent | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/18/02 | Tank B Effluent | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/22/02 | Tank C | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/22/02 | Tank D | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/22/02 | Tank D Effluent | Liquid | ASP 95-1, MTBE | D. Pachan |
| 7/22/02 | Tannery Brook | Liquid | ASP 95-1, MTBE | D. Pachan |
| 8/7/02 | Day 8 Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide | J. Kotch |
| 9/25/02 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide | S. Phelps |
| 9/25/02 | AS effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide | S. Phelps |
| 9/25/02 | Pre Carbon | Air | TO-2 | S. Phelps |
| 9/25/02 | Post Carbon | Air | TO-2 | S. Phelps |
| 10/21/02 | AS influent | Liquid | ASP 95-1, MTBE | J. Kotch |
| 10/21/02 | AS effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide | J. Kotch |
| 10/21/02 | Pre Carbon | Air | TO-2 | J. Kotch |
| 10/21/02 | Post Carbon | Air | TO-2 | J. Kotch |
| 11/20/02 | AS influent | Liquid | ASP 95-1, MTBE | S. Phelps |
| 11/20/02 | AS effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide | S. Phelps |
| 11/20/02 | Pre Carbon | Air | TO-2 | S. Phelps |
| 11/20/02 | Post Carbon | Air | TO-2 | S. Phelps |
| 12/12/02 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 12/12/02 | AS effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 12/12/02 | Pre Carbon | Air | TO-2 | J. Kotch |
| 12/12/02 | Post Carbon | Air | TO-2 | J. Kotch |
| 1/7/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 1/7/03 | AS effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 1/7/03 | Pre Carbon | Air | TO-2 | D. Pachan |
| 1/7/03 | Post Carbon | Air | TO-2 | D. Pachan |
| 2/3/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 2/3/03 | AS effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 2/3/03 | Pre Carbon | Air | TO-2 | D. Pachan |
| 2/3/03 | Post Carbon | Air | TO-2 | D. Pachan |
| 2/3/03 | Mid Carbon | Air | TO-2 | D. Pachan |
| 2/11/03 | Piping Chamber 1 | Liquid | 8260 | J. Kotch |
| 2/11/03 | Piping Chamber 2&3 | Liquid | 8260 | J. Kotch |
| 2/11/03 | Piping Chamber 4&5 | Liquid | 8260 | J. Kotch |
| 2/11/03 | Piping Chamber 6&7 | Liquid | 8260 | J. Kotch |
| 2/11/03 | Piping Chamber 8 | Liquid | 8260 | J. Kotch |
| 3/10/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 3/10/03 | AS Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 3/10/03 | Pre Carbon | Air | TO-2 | D. Pachan |
| 3/10/03 | Post Carbon | Air | TO-2 | D. Pachan |
| 4/7/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 4/7/03 | AS Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | D. Pachan |
| 4/7/03 | Pre Carbon | Air | TO-2 | D. Pachan |
| 4/7/03 | Post Carbon | Air | TO-2 | D. Pachan |
| 4/7/03 | MS AS Eff | Liquid | ASP 95-1 | D. Pachan |

# Sampling Log Book

**Contract Number:** D004180
**Site Number:** 9-15-157
**Site Name:** Mr. C's Dry Cleaners
**Location:** East Aurora, NY

| Date of Collection | Sample #/I.D. | Matrix | Analysis Type | Sampling Personnel |
|---|---|---|---|---|
| 4/7/03 | MSD AS Eff | Liquid | ASP 95-1 | D. Pachan |
| 5/12/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 5/12/03 | AS Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 5/12/03 | Pre Carbon | Air | TO-2 | J. Kotch |
| 5/12/03 | Post Carbon | Air | TO-2 | J. Kotch |
| 6/9/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 6/9/03 | AS Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 6/9/03 | Pre Carbon | Air | TO-2 | J. Kotch |
| 6/9/03 | Post Carbon | Air | TO-2 | J. Kotch |
| 6/16/03 | Pre Carbon | Air | TO-2 | J. Kotch |
| 6/16/03 | Post Carbon | Air | TO-2 | J. Kotch |
| 6/30/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 6/30/03 | AS Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 6/30/03 | Pre Carbon | Air | TO-2 | J. Kotch |
| 6/30/03 | Post Carbon | Air | TO-2 | J. Kotch |
| 7/15/03 | Pre Carbon | Air | TO-2 | J. Kotch |
| 7/15/03 | Post Carbon | Air | TO-2 | J. Kotch |
| 8/7/03 | AS influent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 8/7/03 | AS Effluent | Liquid | ASP 95-1, MTBE, T. Metals, TSS, TDS, Cyanide, Hardness | J. Kotch |
| 8/7/03 | Pre Carbon | Air | TO-2 | J. Kotch |
| 9/4/03 | RW-1 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | PW-2 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | PW-3 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | PW-8 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-10B | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-6 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-10 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-7 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-5 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MPI-6I | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-4 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MPI-7I | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | ESI-3 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MPI-4D | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | ESI-5 | Liquid | 524.2 | J. Kotch |
| 9/4/03 | MW-8 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | ESI-4 | Liquid | 524.2 | J. Kotch |
| 9/4/03 | MPI-IS | Liquid | 524.2 | J. Kotch |
| 9/4/03 | MPI-4I | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MPI-4S | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-13B | Liquid | 524.2 | J. Kotch |
| 9/4/03 | ESI-6 | Liquid | 524.2 | J. Kotch |
| 9/4/03 | MPI-5S | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MPI-11 | Liquid | 524.2 | J. Kotch |
| 9/4/03 | MW-9 | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MPI-5I | Liquid | 8010/8020 | J. Kotch |
| 9/4/03 | MW-14B | Liquid | 524.2 | J. Kotch |
| 9/4/03 | MPI-3S | Liquid | 524.2 | J. Kotch |
| 11/18/01 | PVC 65 | Air | NIOSH 500 | D. Pachan |
| 11/18/01 | PVC 70 | Air | NIOSH 500 | D. Pachan |
| 11/18/01 | PVC 46 | Air | NIOSH 500 | D. Pachan |
| 11/14/01 | PVC 61 | Air | NIOSH 500 | D. Pachan |
| 11/14/01 | PVC 34 | Air | NIOSH 500 | D. Pachan |
| 11/14/01 | PVC 33 | Air | NIOSH 500 | D. Pachan |
| 11/14/01 | PVC 49 | Air | NIOSH 500 | D. Pachan |
| 11/14/01 | PVC 50 | Air | NIOSH 500 | D. Pachan |

## Sampling Log Book

**Contract Number:** D004180
**Site Number:** 9-15-157

**Site Name:** Mr. C's Dry Cleaners
**Location:** East Aurora, NY

| Date of Collection | Sample #/I.D. | Matrix | Analysis Type | Sampling Personnel |
|---|---|---|---|---|
| 11/14/01 | PVC 57 | Air | NIOSH 500 | D. Pachan |
| 4/18/02 | PVC 111 | Air | NIOSH 500 | D. Pachan |
| 4/18/02 | PVC 083 | Air | NIOSH 500 | D. Pachan |
| 4/18/02 | PVC 085 | Air | NIOSH 500 | D. Pachan |
| 4/18/02 | PVC 086 | Air | NIOSH 500 | D. Pachan |

# M 2001 Annual Hazardous Waste Disposal Report – Mr. C's Site

**ecology and environment engineering, p.c.**

**BUFFALO CORPORATE CENTER**
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

February 19, 2002

New York State Department of Environmental Conservation
625 Broadway, 9th Floor
Albany, New York 12233-7250

Re: Mr. C's Dry Cleaners Site, NYSDEC Site No. 9-15-157, Contract Number D004180
2001 Hazardous Waste Disposal Report

Dear Sirs:

Enclosed is the 2001 Hazardous Waste Disposal Report for the Mr. C's Dry Cleaners Site, Site No. 9-15-157. The remedial work is being performed at the site is under the auspices of the New York State Department of Environmental Conservation (NYSDEC), Bureau of Construction Services, Division of Environmental Remedial Services with oversight of the field activities by Ecology and Environment Engineering, PC. (E&E).

Approximately 13 tons of solid hazardous waste were disposed in 2001 as a result of remedial activities under public contract to The Tyree Corporation, Ltd. Information regarding the types, volume and disposal location has been provided on the NYSDEC Forms GM attached.

If you have any questions regarding the information enclosed please contact Michael Steffan, E&E Project Manager at 716-684-8060 or Mr. David Chiusano, NYSDEC Project Manager at 518-402-9812.

Sincerely,

Michael G. Steffan
Project Manager

cc: D. Miller, E&E Buffalo
G. Harris-Western Construction Section Chief, NYSDEC - Albany
D. Chiusano, Western Construction Project Manager, NYSDEC - Albany
G. Sutton, NYSDEC, Region 9 - Buffalo
G. Jones, Site Representative, E&E Buffalo
CTF - 000699.NY06

MAIL THE COMPLETED FORM
TO: NYSDEC
625 Broadway
Albany, NY 12233-7250

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## 2001 - SITE ID FORM - 2001

**1.Site EPA ID Number** (see instructions on page 7)

EPA ID Number: NYP003602554

**2. Site Name.** (see instructions on page 7)

Name of Company: New York State Department of Environmental Conservation

**3. Site Location** (see instructions on page 7)

Street Address: 586 Main Street

City, Town or Village: East Aurora (v) State: New York

County: Erie Zip Code: 14052

**4. NAICS Code** (see instructions on page 7)

812320 North American Industry Classification (NAICS) Code for the Site

**5. Site Mailing Address** (see instructions on page 7)

Street or P. O Box:

City, Town, or Village:

State:

County: Zip Code:

**6. Site Contact Person** (see instructions on page 7)

First Name: David MI: Last Name: Chiusano

Phone Number: 518-402-9812 Phone Number Extension:

**Type of Regulated Waste Activity (Mark an 'X' in the appropriate box. See instructions on page 8)**

**7. Hazardous Waste Activities**

1. Generator of Hazardous Waste
(choose only one of the following two categories)

☐ 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.

☒ b. SQG: 100 to 1000 kg/mo (220 - 2200 lbs) of non-acute hazardous waste; or less than 1 kg (2.2 lbs) of acute hazardous waste

☐ 2. Treater, Store, or Disposer of Hazardous Waste (at your site)

**8. Comments (see instructions on page 8)**

Disposal of contaminiated PCE soils as a result of a remediation project under public contract by NYSDEC. Mr. C's Dry Cleaners Site, Site #9-15-157, Contract No. D004180.

**9. Certification** 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 persons 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 page 8)

| Signature of owner, operator, or an authorized representative | Name and Official Title (type or print) | Date Signed (mm-dd-yyyy) |
|---|---|---|
| Michael P. Steffan | Michael Steffan, E&E Project Manager | 2/19/02 |

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: NYSDEC - Mr. C'sDry Cleaners Site
586 Main Street
East Aurora, New York 14052

EPA ID NO: NYP 0003 6025 54

**FORM GM**

**N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

2001 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)

PCE Contaminated Soils from Drilling Wells

B. EPA hazardous waste code (page 11): F002

C. State hazardous waste code (page 11):

D. Source code (page 11): G44

Management Method code for Source code G25:

E. Form code (page 11): W301

F. RCRA radioactive mixed (page 11): ☐ Yes

G. Quantity generated in 2001 (page 12): 2600.00

H. UOM (page 12): 1

Density: ☐ lbs/gal ☐ sg

**Sec. 2** Was any of this waste managed on site? (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):

Quantity treated, disposed, or recycled on site in 2001 (page 13):

**ON-SITE PROCESS SYSTEM 2**

On-site Management Method code (page 13):

Quantity treated, disposed, or recycled on site in 2001 (page 13):

**Sec. 3** A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 13)
☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

| | B. EPA ID No. of facility to which waste was shipped (page 14) | C. Off-site Management Method code Shipped to (page 14) | D. Total quantity shipped in 2001 (page 14) |
|---|---|---|---|
| Site 1 | NYD 049 818 669 | H132 | 2600.00 |
| Site 2 | | | |
| Site 3 | | | |

Comments:

PCE Contaminated Soil Cuttings from Drilling Site Wells.

**ecology and environment engineering, p.c.**

**BUFFALO CORPORATE CENTER**
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

February 19, 2002

New York State Department of Environmental Conservation
625 Broadway, 9th Floor
Albany, New York 12233-7250

Re: Mr. C's Dry Cleaners Site, NYSDEC Site No. 9-15-157, Contract Number D004180
2001 Hazardous Waste Disposal Report

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Enclosed is the 2001 Hazardous Waste Disposal Report for the Mr. C's Dry Cleaners Site, Site No. 9-15-157. The remedial work is being performed at the site is under the auspices of the New York State Department of Environmental Conservation (NYSDEC), Bureau of Construction Services, Division of Environmental Remedial Services with oversight of the field activities by Ecology and Environment Engineering, PC. (E&E).

Approximately 13 tons of solid hazardous waste were disposed in 2001 as a result of remedial activities under public contract to The Tyree Corporation, Ltd. Information regarding the types, volume and disposal location has been provided on the NYSDEC Forms GM attached.

If you have any questions regarding the information enclosed please contact Michael Steffan, E&E Project Manager at 716-684-8060 or Mr. David Chiusano, NYSDEC Project Manager at 518-402-9812.

Sincerely,

Michael G. Steffan
Project Manager

cc: D. Miller, E&E Buffalo
G. Harris-Western Construction Section Chief, NYSDEC - Albany
D. Chiusano, Western Construction Project Manager, NYSDEC - Albany
G. Sutton, NYSDEC, Region 9 - Buffalo
G. Jones, Site Representative, E&E Buffalo
CTF - 000699.NY06



recycled paper

MAIL THE COMPLETED FORM
TO: NYSDEC
625 Broadway
Albany, NY 12233-7250

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
## 2001 - SITE ID FORM - 2001

**1.Site EPA ID Number** (see instructions on page 7)

EPA ID Number: NYP003602554

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Name of Company: New York State Department of Environmental Conservation

**3. Site Location** (see instructions on page 7)

Street Address: 586 Main Street

City, Town or Village: East Aurora (v) State: New York

County: Erie Zip Code: 14052

**4. NAICS Code** (see instructions on page 7)

812320 North American Industry Classification (NAICS) Code for the Site

**5. Site Mailing Address** (see instructions on page 7)

Street or P. O Box:

City, Town, or Village:

State:

County: Zip Code:

**6. Site Contact Person** (see instructions on page 7)

First Name: David MI: Last Name: Chiusano

Phone Number: 518-402-9812 Phone Number Extension:

**Type of Regulated Waste Activity (Mark an 'X' in the appropriate box. See instructions on page 8)**

**7. Hazardous Waste Activities**

1. Generator of Hazardous Waste
(choose only one of the following two categories)

☐ 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.

☒ b. SQG: 100 to 1000 kg/mo (220 - 2200 lbs) of non-acute hazardous waste; or less than 1 kg (2.2 lbs) of acute hazardous waste

☐ 2. Treater, Store, or Disposer of Hazardous Waste (at your site)

**8. Comments (see instructions on page 8)**

Disposal of contaminiated PCE soils as a result of a remediation project under public contract by NYSDEC. Mr. C's Dry Cleaners Site, Site #9-15-157, Contract No. D004180.

**9. Certification** 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 persons 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 imprisonmant for knowing violations. (see instructions page 8)

| Signature of owner, operator, or an authorized representative | Name and Official Title (type or print) | Date Signed (mm-dd-yyyy) |
|---|---|---|
| Michael G. Steffan | Michael Steffan, E&E Project Manager | 2/19/02 |

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: NYSDEC - Mr. C'sDry Cleaners Site
586 Main Street
East Aurora, New York 14052

EPA ID NO: NYP 003 602 514

**FORM GM**

**N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

2001 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)

PCE Contaminated Soils from Drilling Wells

| B. EPA hazardous waste code (page 11) | C. State hazardous waste code (page 11) | D. Source code (page 11) | E. Form code (page 11) | F. RCRA radioactive mixed (page 11) | G. Quantity generated in 2001 (page 12) | H. UOM (page 12) |
|---|---|---|---|---|---|---|
| F002 | | G144 | W301 | ☐ Yes | 2600100. | 1 |
| | | Management Method code for Source code G25: H | | | | Density: . ☐ lbs/gal ☐ sg |

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

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

| ON-SITE PROCESS SYSTEM 1 | | ON-SITE PROCESS SYSTEM 2 | |
|---|---|---|---|
| On-site Management Method code (page 13) | Quantity treated, disposed, or recycled on site in 2001 (page 13) | On-site Management Method code (page 13) | Quantity treated, disposed, or recycled on site in 2001 (page 13) |
| H | . | H | . |

**Sec. 3** A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 13)
☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

| | B. EPA ID No. of facility to which waste was shipped (page 14) | C. Off-site Management Method code Shipped to (page 14) | D. Total quantity shipped in 2001 (page 14) |
|---|---|---|---|
| Site 1 | NYD 049 836 679 | H132 | 2600 00. |
| Site 2 | | H | . |
| Site 3 | | H | . |

Comments:

PCE Contaminated Soil Cuttings from Drilling Site Wells.

# N Project Waste Manifest Tracking Log

## MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

**TRANSPORTER:**

CMP = Carmen M. Pariso
PIM = Precision Industrial Maint.
PTC = Price Trucking
MC = Model City

**DESIGNATED FACILITY**

TTL = Town Tonawanda Landfill
FMW = Force Main Whaley Ave
LPL = Library Parking Lot
LDW = Library Driveway
AWA = Agway Area
PW = Pumping Well Cuttings
RO = ? cyd Roll Off

T = Ton; G = Gallon; P = Pound;
D=Dirt RRT = Rail Road Ties D=dirt B = Boulders # = Ticket Number
S=Stone C=Concr F=foundatio S=sidewalk O = Other A = Asphalt W = wood
* = Dumped different date and/or with a different Tractor. CD= Crushed Drums

Update: 06/04/02

| Date | Time | Truck NO. | Trans-Porter | EST Weight | Desig-nated Facility | Description | Type: Haz or NonHaz | Return Original Y / N | Weight Ticket Y/N | Scale Weight | Item / PCO # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/12/01 | 9:28 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 16.5 | uc-6b |
| 11/12/01 | 9:54 AM | 149 | CMP | 18T | TTL | FMW | NH | Y | Y | 19 | uc-6b |
| 11/12/01 | 12:00 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 22.93 | uc-6b |
| 11/12/01 | 12:31 PM | 149 | CMP | 21T | TTL | FMW | NH | Y | Y | 24.76 | uc-6b |
| 11/12/01 | 12:56 PM | 101 | CMP | 22T | TTL | FMW | NH | Y | Y | 25.34 | uc-6b |
| 11/12/01 | 2:51 PM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 24.62 | uc-6b |
| 11/12/01 | 3:24 PM | 101 | CMP | 18T | TTL | FMW | NH | Y | Y | 15.9 | uc-6b |
| 11/12/01 | 3:06 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 19.51 | uc-6b |
| 11/13/01 | 8:26 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 23.93 | uc-6b |
| 11/13/01 | 8:52 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 21.8 | uc-6b |
| 11/13/01 | 9:21 AM | 200 | CMP | 20T | TTL | FMW | NH | Y | Y | 21.07 | uc-6b |
| 11/13/01 | 9:44 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 25.56 | uc-6b |
| 11/13/01 | 10:54 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 23.4 | uc-6b |
| 11/13/01 | 11:23 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 26.97 | uc-6b |
| 11/13/01 | 11:44 AM | 200 | CMP | 20T | TTL | FMW | NH | Y | Y | 24.42 | uc-6b |
| 11/13/01 | 12:14 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 25.2 | uc-6b |
| 11/13/01 | 1:38 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 21.83 | uc-6b |

## MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

**TRANSPORTER:**

CMP = Carmen M. Pariso
PIM = Precision Industrial Maint.
PTC = Price Trucking
MC = Model City

**DESIGNATED FACILITY**

TTL = Town Tonawanda Landfill
FMW = Force Main Whaley Ave
LPL = Library Parking Lot
LDW = Library Driveway
AWA = Agway Area
PW = Pumping Well Cuttings
RO = ? cyd Roll Off

T = Ton; G = Gallon; P = Pound;
D=Dirt RRT = Rail Road Ties D=dirt B = Boulders # = Ticket Number
S=Stone C=Concr F=foundatio S=sidewalk O = Other A = Asphalt W = wood
* = Dumped different date and/or with a different Tractor. CD= Crushed Drums

Update: 06/04/02

| Date | Time | Truck NO. | Trans-Porter | EST Weight | Desig-nated Facility | Description | Type: Haz or NonHaz | Return Original Y / N | Weight Ticket Y/N | Scale Weight | Item / PCO # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/13/01 | 3:00 PM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 25 | uc-6b |
| 11/13/01 | 3:10 PM | 200 | CMP | 20T | TTL | FMW | NH | Y | Y | 24.5 | uc-6b |
| 11/11/01 | 3:35 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 25.5 | uc-6b |
| 11/14/01 | 8:21 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 24.23 | uc-6b |
| 11/14/01 | 8:58 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 26.71 | uc-6b |
| 11/14/01 | 9:44 AM | 101 | CMP | 22T | TTL | FMW | NH | Y | Y | 26.53 | uc-6b |
| 11/14/01 | 10:43 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 24.35 | uc-6b |
| 11/14/01 | 11:47 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 25.84 | uc-6b |
| 11/14/01 | 12:30 PM | 101 | CMP | 21T | TTL | FMW | NH | Y | Y | 24.85 | uc-6b |
| 11/14/01 | 1:36 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 27.46 | uc-6b |
| 11/14/01 | 2:15 PM | 149 | CMP | 25T | TTL | FMW | NH | Y | Y | 28.68 | uc-6b |
| 11/14/01 | 3:06 PM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 25.95 | uc-6b |
| 11/15/01 | 8:48 AM | 101 | CMP | 20T | TTL | FMW | NH | Y | Y | 23.17 | uc-6b |
| 11/15/01 | 10:53 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 22.47 | uc-6b |
| 11/15/01 | 1:46 PM | 101 | CMP | 15T | TTL | FMW | NH | Y | Y | 11.39 | uc-6b |
| 11/16/01 | 8:49 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 22.9 | uc-6b |
| 11/16/01 | 12:26 PM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 24.47 | uc-6b |

## MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

**TRANSPORTER:**

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MC = Model City

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TTL = Town Tonawanda Landfill
FMW = Force Main Whaley Ave
LPL = Library Parking Lot
LDW = Library Driveway
AWA = Agway Area
PW = Pumping Well Cuttings
RO = ? cyd Roll Off

T = Ton; G = Gallon; P = Pound;
D=Dirt RRT = Rail Road Ties D=dirt B = Boulders # = Ticket Number
S=Stone C=Concr F=foundatio S=sidewalk O = Other A = Asphalt W = wood
CD= Crushed Drums

Update: 06/04/02

* = Dumped different date and/or with a different Tractor.

| Date | Time | Truck NO. | Trans-Porter | EST Weight | Desig-nated Facility | Description | Type: Haz or NonHaz | Return Original Y / N | Weight Ticket Y/N | Scale Weight | Item / PCO # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11/16/01 | 3:26 AM | 149 | CMP | 20T | TTL | FMW | NH | Y | Y | 17.38 | uc-6b |
| 03/20/02 | 8:15 AM | 182 | CMP | 20T | TTL | PW-8 | NH | Y | Y | 23.13 | uc-6b |
| 03/20/02 | 8:44 AM | 100 | CMP | 20T | TTL | PW-8 | NH | Y | Y | 24.74 | uc-6b |
| 03/28/02 | 8:51 AM | 189 | CMP | 20T | TTL | PW-8 / PW-7 | NH | Y | Y | 19.53 | uc-6b |
| 03/28/02 | 11:17 AM | 189 | CMP | 20T | TTL | PW-8 / PW-7 | NH | Y | Y | 21.63 | uc-6b |
| 03/28/02 | 2:20 PM | 189 | CMP | 20T | TTL | PW-8 / PW-7 | NH | Y | Y | 22.93 | uc-6b |
| 03/28/02 | 8:14 AM | 199 | CMP | 20T | TTL | PW-8 / PW-7 | NH | Y | Y | 17.04 | uc-6b |
| 03/28/02 | 10:36 AM | 199 | CMP | 20T | TTL | PW-8 / PW-7 | NH | Y | Y | 21.25 | uc-6b |
| 03/28/02 | 2:23 PM | 199 | CMP | 20T | TTL | PW-8/ PW-7 | NH | Y | Y | 23.73 | uc-6b |
| 04/01/02 | 8:26 AM | 182 | CMP | 20T | TTL | PW-6 / PW-7 | NH | Y | Y | 19.49 | uc-6b |
| 04/01/02 | 10:37 AM | 182 | CMP | 20T | TTL | PW-6 / PW-7 | NH | Y | Y | 22.55 | uc-6b |
| 04/02/02 | 12:33 PM | 182 | CMP | 20T | TTL | PW-7 to LDW | NH | Y | Y | 22.98 | uc-6b |
| 04/02/02 | 10:06 AM | 182 | CMP | 20T | TTL | PW-7 to LDW | NH | Y | Y | 23.65 | uc-6b |
| 04/02/02 | 8:28 AM | 101 | CMP | 20T | TTL | LDW | NH | Y | Y | 24.48 | uc-6b |
| 04/02/02 | 10:59 AM | 101 | CMP | 20T | TTL | LDW | NH | Y | Y | 25.13 | uc-6b |
| 04/03/02 | 11:48 AM | 182 | CMP | 20T | TTL | LDW | NH | Y | Y | 22.6 | uc-6b |
| 04/03/02 | 3:23 PM | 182 | CMP | 15T | TTL | LDW | NH | Y | Y | 14.34 | uc-6b |

# MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

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S=Stone C=Concr F=foundatio S=sidewalk O = Other A = Asphalt W = wood
* = Dumped different date and/or with a different Tractor. CD= Crushed Drums

Update: 06/04/02

| Date | Time | Truck NO. | Trans-Porter | EST Weight | Desig-nated Facility | Description | Type: Haz or NonHaz | Return Original Y / N | Weight Ticket Y/N | Scale Weight | Item / PCO # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 04/04/02 | 10:19 AM | 182 | CMP | 20T | TTL | PW-6 and LPL | NH | Y | Y | 22.35 | uc-6b |
| 04/04/02 | 2:10 PM | 182 | CMP | 20T | TTL | PW-6 and LPL | NH | Y | Y | 25.7 | uc-6b |
| 04/09/02 | 8:50 AM | 199 | CMP | 20T | TTL | LDW | NH | Y | Y | 20.23 | uc-6b |
| 04/09/02 | 12:03 PM | 172 | CMP | 20T | TTL | LDW | NH | Y | Y | 24.34 | uc-6b |
| 04/10/02 | 9:23 AM | 199 | CMP | 20T | TTL | LDW | NH | Y | Y | 23.04 | uc-6b |
| 04/10/02 | 12:54 PM | 199 | CMP | 20T | TTL | LDW | NH | Y | Y | 23.5 | uc-6b |
| 04/11/02 | 9:29 AM | 198 | CMP | 20T | TTL | LDW | NH | Y | Y | 21.39 | uc-6b |
| 04/11/02 | 12:00 PM | 198 | CMP | 17T | TTL | LDW | NH | Y | Y | 15.94 | uc-6b |
| 04/17/02 | 8:47 AM | 198 | CMP | 20T | TTL | PW-4 and PW-5 | NH | Y | Y | 23.72 | uc-6b |
| 04/17/02 | 1:20 PM | 198 | CMP | 20T | TTL | PW-4 and PW-5 | NH | Y | Y | 23.52 | uc-6b |
| 04/17/02 | 11:04 AM | 198 | CMP | 20T | TTL | PW-4 and PW-5 | NH | Y | Y | 26.1 | uc-6b |
| 04/18/02 | 12:44 PM | 189 | CMP | 20T | TTL | Whaley Ave Crossing | NH | Y | Y | 22.64 | uc-6b |
| 04/18/02 | 3:07 PM | 189 | CMP | 20T | TTL | Whaley Ave Crossing | NH | Y | Y | 23.57 | uc-6b |
| 04/22/02 | 8:40 AM | 200 | CMP | 20T | TTL | PW-2 | NH | Y | Y | 24.68 | uc-6b |
| 05/07/02 | 12:22 PM | 156 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 28.87 | uc-6b |
| 05/07/02 | 3:10 PM | 165 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 23.75 | uc-6b |
| 05/13/02 | 11:47 AM | 200 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 28.71 | uc-6b |

## MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

**TRANSPORTER:**

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PIM = Precision Industrial Maint.
PTC = Price Trucking
MC = Model City

**DESIGNATED FACILITY**

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LPL = Library Parking Lot
LDW = Library Driveway
AWA = Agway Area
PW = Pumping Well Cuttings
RO = ? cyd Roll Off

T = Ton; G = Gallon; P = Pound;
D=Dirt RRT = Rail Road Ties D=dirt B = Boulders # = Ticket Number
S=Stone C=Concr F=foundatio S=sidewalk O = Other A = Asphalt W = wood
* = Dumped different date and/or with a different Tractor. CD= Crushed Drums

Update: 06/04/02

| Date | Time | Truck NO. | Trans-Porter | EST Weight | Desig-nated Facility | Description | Type: Haz or NonHaz | Return Original Y / N | Weight Ticket Y/N | Scale Weight | Item / PCO # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 05/13/02 | 2:14 PM | 200 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 26.52 | uc-6b |
| 05/14/02 | 8:56 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 21.67 | uc-6b |
| 05/14/02 | 11:20 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 24.19 | uc-6b |
| 05/14/02 | 1:30 PM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 21.8 | uc-6b |
| 05/15/02 | 8:39 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 25.51 | uc-6b |
| 05/15/02 | 11:22 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 25.9 | uc-6b |
| 05/15/02 | 1:59 PM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 26.34 | uc-6b |
| 05/15/02 | 4:22 PM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 27.1 | uc-6b |
| 05/16/02 | 8:18 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 24.55 | uc-6b |
| 05/16/02 | 11:16 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 24.13 | uc-6b |
| 05/16/02 | 1:27 PM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 27.59 | uc-6b |
| 05/16/02 | 1:52 PM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 28.25 | uc-6b |
| 05/17/02 | 8:20 AM | 198 | CMP | 20T | TTL | PW-1 | NH | Y | Y | 27.13 | uc-6b |
| 05/17/02 | 10:50 AM | 198 | CMP | 20T | TTL | PW-1 | NH | Y | Y | 23.91 | uc-6b |
| 05/17/02 | 1:29 PM | 198 | CMP | 20T | TTL | PW-1 | NH | Y | Y | 27.13 | uc-6b |
| 05/17/02 | 3:52 PM | 198 | CMP | 20T | TTL | PW-1 | NH | Y | Y | 26.38 | uc-6b |
| 05/20/02 | 8:51 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 27.41 | uc-6b |

## MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

**TRANSPORTER:**

CMP = Carmen M. Pariso
PIM = Precision Industrial Maint.
PTC = Price Trucking
MC = Model City

**DESIGNATED FACILITY**

TTL = Town Tonawanda Landfill
FMW = Force Main Whaley Ave
LPL = Library Parking Lot
LDW = Library Driveway
AWA = Agway Area
PW = Pumping Well Cuttings
RO = ? cyd Roll Off

T = Ton; G = Gallon; P = Pound;
D=Dirt RRT = Rail Road Ties D=dirt B = Boulders # = Ticket Number
S=Stone C=Concr F=foundatio S=sidewalk O = Other A = Asphalt W = wood
* = Dumped different date and/or with a different Tractor. CD= Crushed Drums

Update: 06/04/02

| Date | Time | Truck NO. | Trans-Porter | EST Weight | Desig-nated Facility | Description | Type: Haz or NonHaz | Return Original Y / N | Weight Ticket Y/N | Scale Weight | Item / PCO # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 05/23/02 | 7:46 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | Y | 27.83 | uc-6b |
| 05/23/02 | 10:32 AM | 198 | CMP | 20T | TTL | FM / MD | NH | Y | N | 27.16 | uc-6b |
| | | | | | | TOTAL TONNAGE | | | | | 2030 |
| | | | | | | | | | | | |
| 12/19/01 | 2:25 PM | RO | PTC | 30T | MC | PW | H | N | N | 13.85 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Asphalt & Debris from the East end Transition | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Excess Native Material | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

# O Selected Monitoring Well Pump Test Results

# LETTER OF TRANSMITTAL

Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110
Phone: (518) 786-3200 * Fax: (518) 786-7351

RECEIVED BY M65 DATE 12/10/01

DATE:

To: MR. Mike Steffan
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Mr. Cs Dry Cleaner Site
SITE ID NO. 9-15-157
CONTRACT# D004180

SUBMITTALS TRANSMITTAL NO.: 24

From: MR. PHILIP N. HOLLOWAY

Re: SUBMITTALS FOR Mr. Cs Dry Cleaner Site

We are sending you attached, the following items:

| Copies | Date | Description |
|---|---|---|
| 6 | 12-4-01 | SITE NAME: Mr. Cs Dry Cleaners<br>PROJECT NAME: SITE REMEDIATION PROJECT<br>CONTRACT NO.: D004180<br><br>TRANSMITTAL NO.:<br>SECTION NO.: 24 |

Project Name: Site Remediation Project
Contractor: THE TYREE ORGANIZATION, LTD.
Date: 12-4-01
Item: Pump test results
Specification Section: 02660
Page No.: 10
Para. No.: 3.6.E
Drawing No.: # of
Location: 24
Submittal No.:
Approved By:

CC: FILE/HOLLOWAY

These are transmitted as checked
- [X] For Approval AND SIGNATURE
- [ ] For Your Use
- [ ] As Requested

Signed:
Philip N. Holloway
Project Manager



2

**Mr. C's Dry Cleaners Site # 9-15-157**

**PUMP TEST RESULTS** **December 4, 2001**

**RW-1 Test**

The 72-hour constant rate pump test at RW-1 was performed from 11-15-01 to 11-18-01. Data loggers were installed in the piezometers PZ-1A, PZ-1B, and PZ-1D. The pump used for the test was a 3-inch diameter pipe intake centrifugal pump. The intake of the pump was set at a depth 2 feet above the bottom of the well (28 feet below grade fbg). The rate of pumping was established from the step test to be 65 gallons per minute (gpm). The results of the testing were graphically depicted on semi-log paper. Using the Cooper-Jacob equation, the following Transmissivity (T) values were calculated:

PZ-1A T= 43,333 gpd/ft S= 300 recovery T=61,505gpd/ft S=71

PZ-1B T=62,857 gpd/ft S= 516

PZ-1D T= 47,142 gpd/ft S= 234 recovery T=47,142gpd/ft S=96

Radius of influence is approximately 200 feet. (see Distance-Drawdown graph)

**PW-5 Test**

The 72-hour constant rate pump test at PW-5 was performed from 11-12-01 to 11-15-01. Data loggers were installed in the piezometers PZ-5A, PZ-5C and PZ-5D. The pump used for the test was a Grundfos SQ-SE 8gpm submersible pump. The intake of the pump was set at a depth 2 feet above the bottom of the well (28 feet below grade fbg). The rate of pumping was established from the step test to be 4 gallons per minute (gpm). The results of the testing were graphically depicted on

semi-log paper. Using the Cooper-Jacob equation, the following Transmissivity (T) values were calculated:

PZ-5A T= 26,400 gpd/ft

PZ-5C calculations not performed due to outside interference

PZ-5D T= 21,551 gpd/ft

Radius of influence is approximately 60 feet. (see Distance-Drawdown graph)

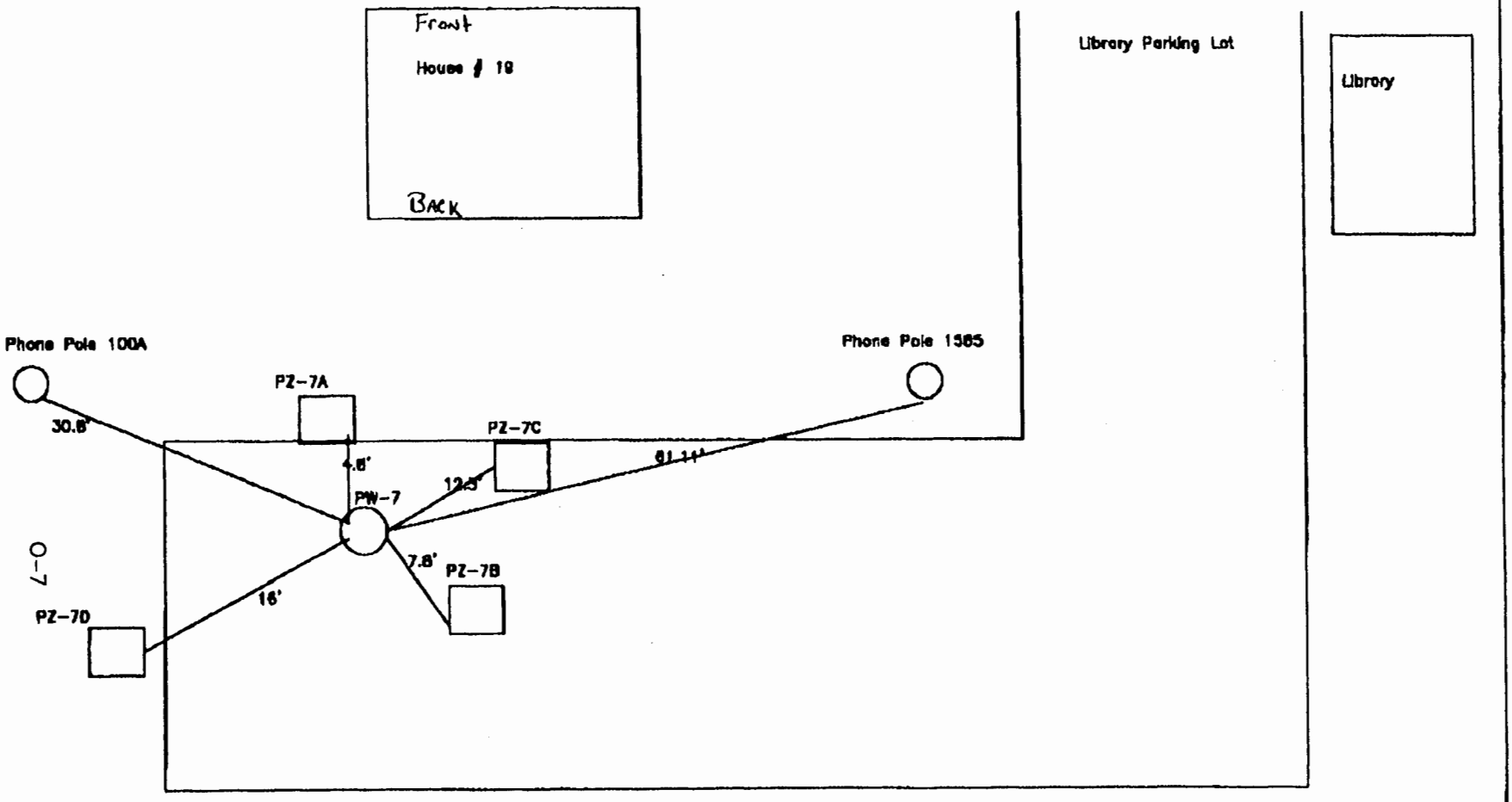
**PW-7 Test**

The 72-hour constant rate pump test at PW-7 was performed from 11-26-01 to 11-29-01. Data loggers were installed in the piezometers PZ-7A, PZ-7B, PZ-7C, and PZ-7D. The pump used for the test was a 3-inch diameter pipe intake centrifugal pump. The intake of the pump was set at a depth 2 feet above the bottom of the well (28 feet below grade fbg). The rate of pumping was established from the step test to be 4.5 gallons per minute (gpm). The results of the testing were graphycally depicted on semi-log paper. The Transmissivity (T) values were not calculated due to the lack of observable drawdown in the piezometers.

**PW-2 Test**

The 72-hour constant rate pump test at PW-7 was performed from 11-14-01 to 11-17-01. Data loggers were installed in the piezometers PZ-2A, PZ-2B, PZ-2C, and PZ-2D. The pump used for the test was a 3-inch diameter pipe intake centrifugal pump. The intake of the pump was set at a depth 2 feet above the bottom of the well (28 feet below grade fbg). The rate of pumping was established from the step test to be 2.75 gallons per minute (gpm). The results of the testing were graphycally depicted on semi-log paper. The Transmissivity (T) values were not calculated due to the lack of observable drawdown in the piezometers, and extreme interference from outside forces.

PW-7 Well Cluster

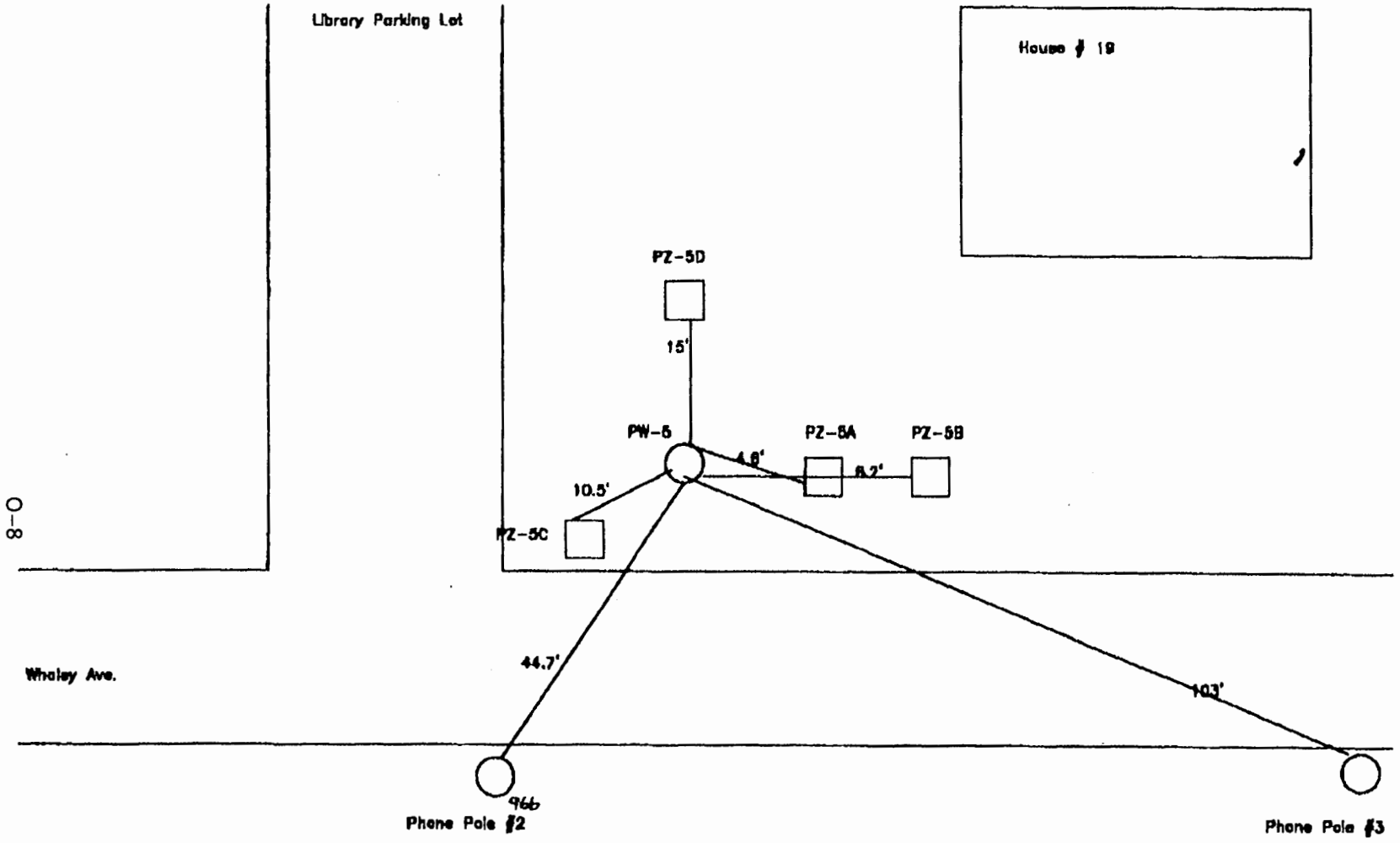



Tyree Organization, Ltd.

Phone: (518) 786-3200 — 4 Northway Lane, LATHAM, NY 12110 — Fax: (518) 786-7351

| | |
|---|---|
| Project Number 017301 | DRAWN BY: DLP |
| Air Sparge | |
| Mr. C's Dry Cleaners<br>599 Main Street<br>East Aurora, New York 14052 | 11-27-01<br>SCALE: NTS<br>CLIENT: DEC<br>PLATE: PW-7 |

PW-5 Well Cluster



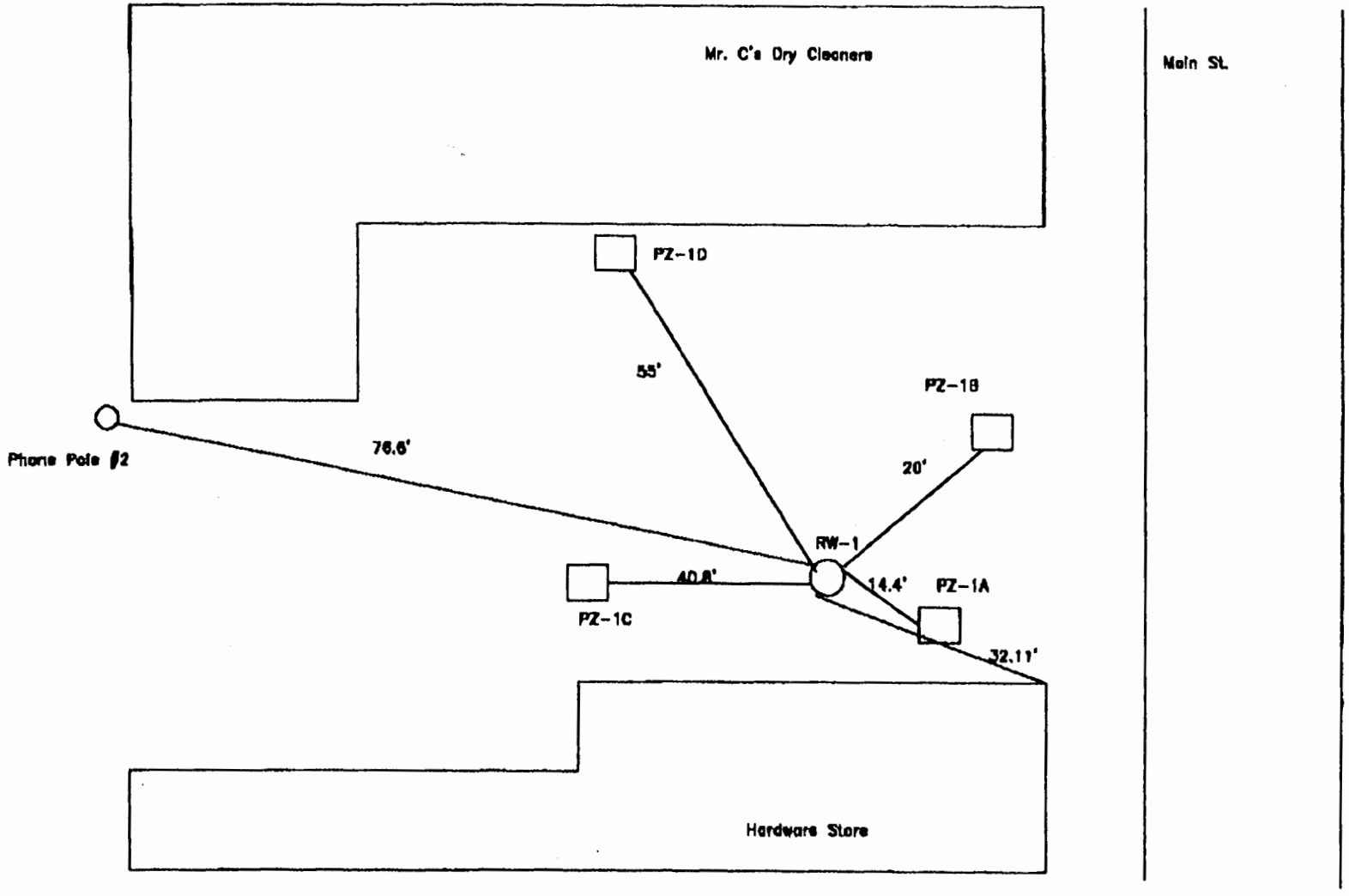

N


Tyree Organization, Ltd.

Phone: 518) 786-3200 — 4 Northway Lane, LATHAM, NY 12110 — Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Built<br>Mr. C's Dry Cleaners<br>586 Main Street<br>East Aurora, New York 14052 | DRAWN BY: CLP<br>11-26-01<br>SCALE: NTS<br>CLIENT: DDD<br>PLATE: PW-5 |

RW-1 Well Clusters



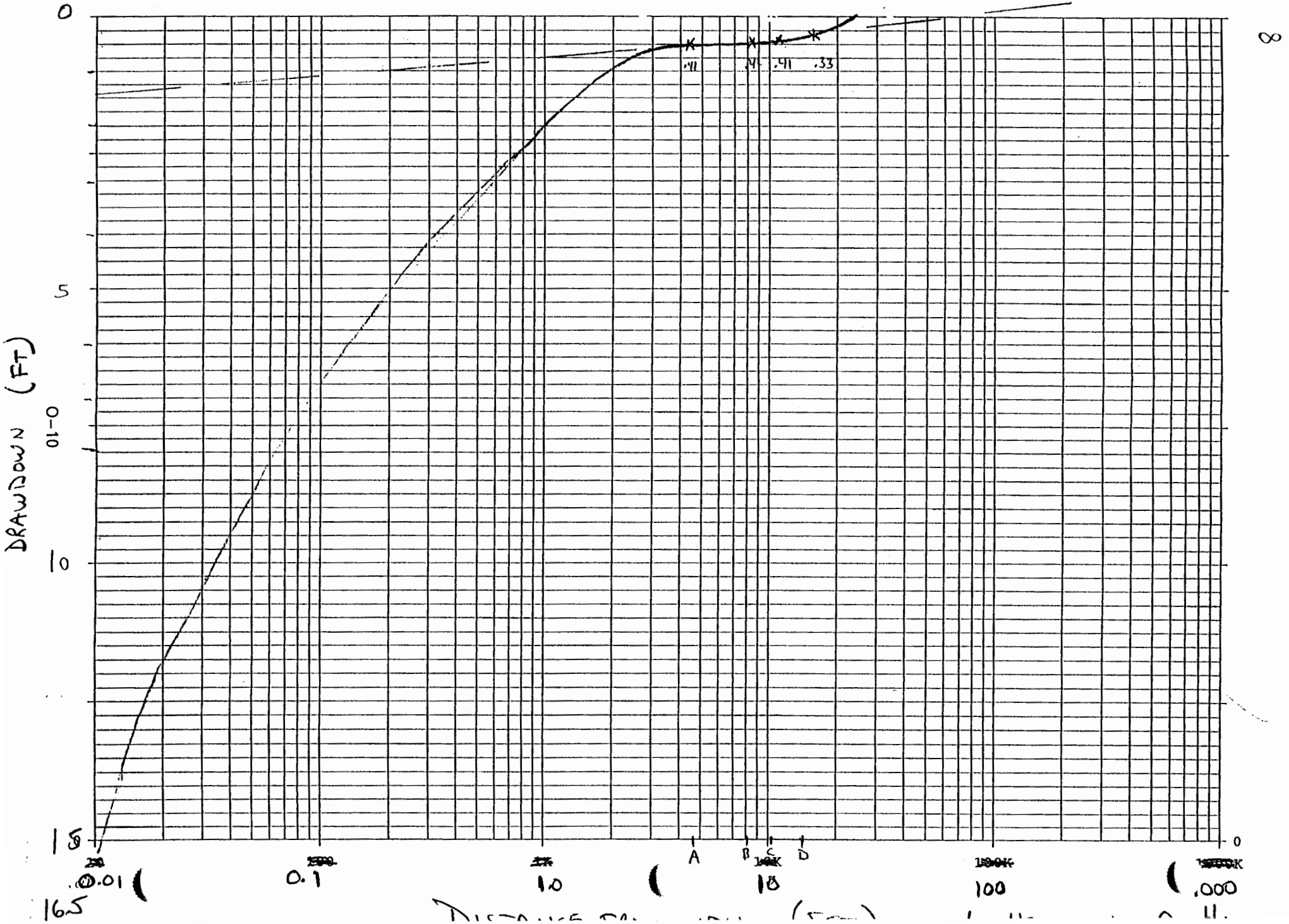

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Tyree Organization, Ltd.

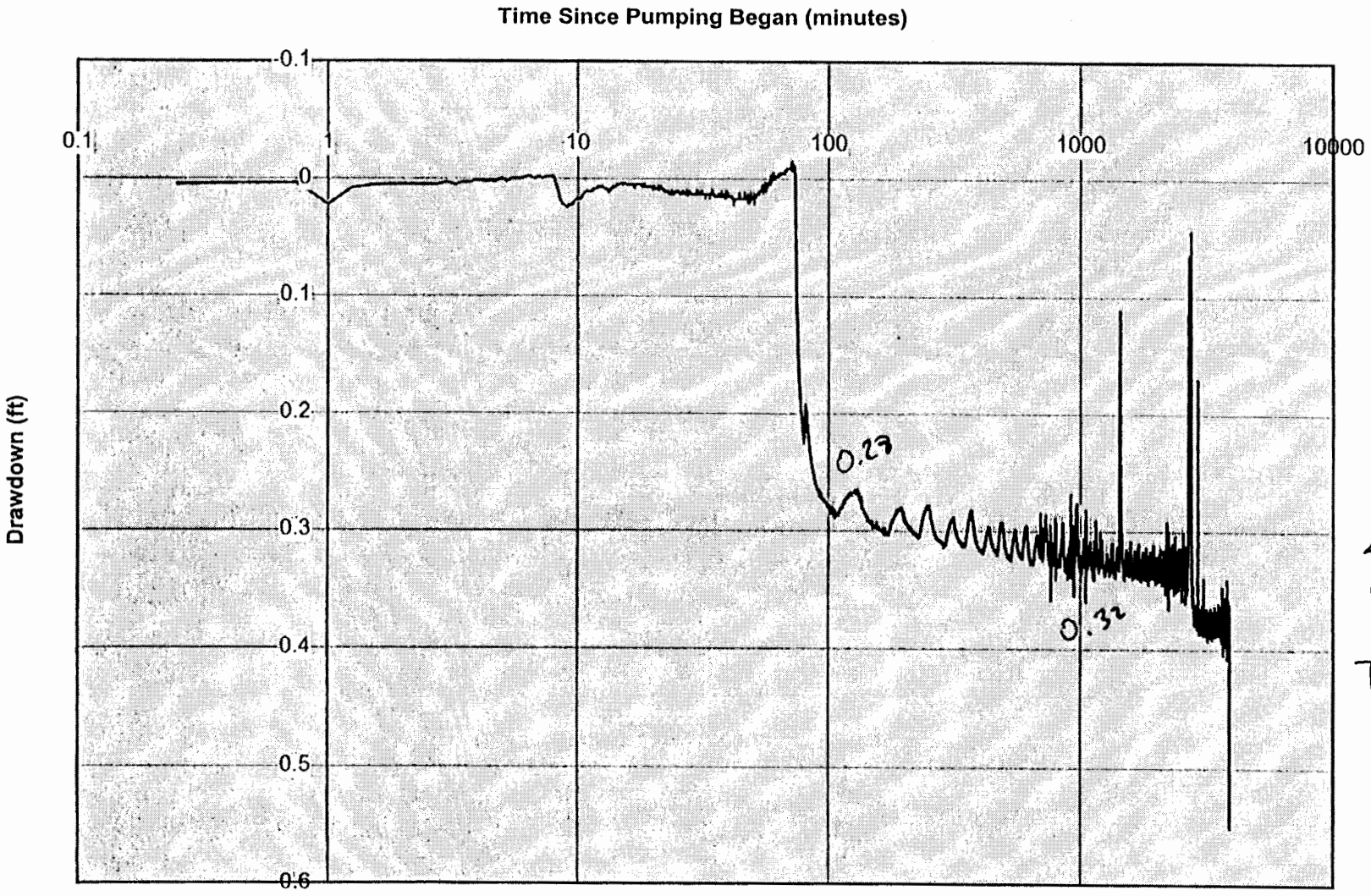
Phone: (518) 786-3200 — 4 Northway Lane, LATHAM, NY 12110 — Fax: (518) 786-7351


| | |
|---|---|
| Project Number 017301<br>As Built | DRAWN BY: DLP |
| Mr. C's Dry Cleaners<br>556 Main Street<br>East Aurora, New York 14052 | 11-28-01<br>SCALE: NTS<br>CLIENT: OBC<br>PLATE: RW-1 |

# PW-5 DISTANCE-DRAWDOWN



## PW-5 Pump Test



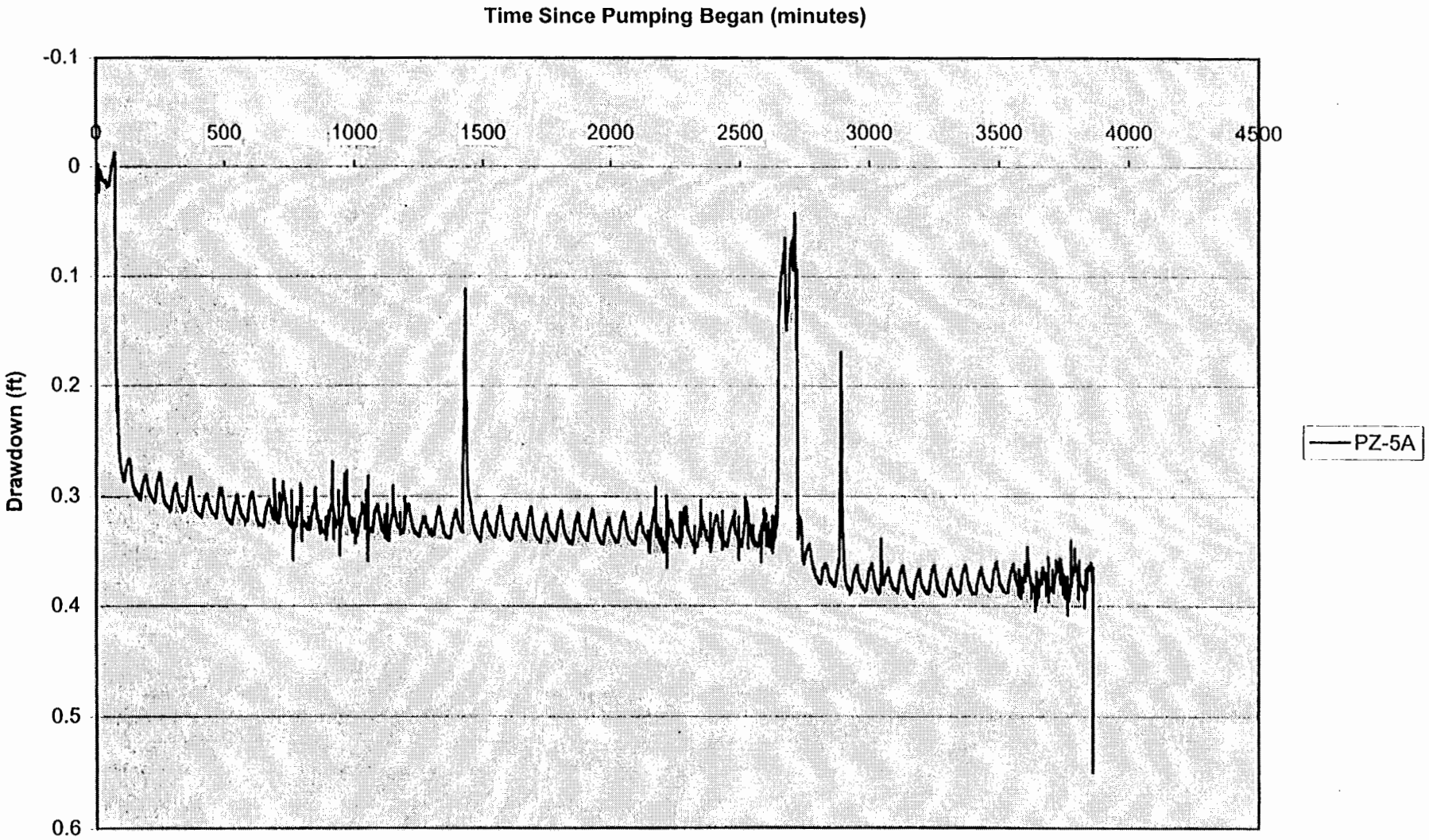

$\Delta s = 0.04$ Ft

$Q = 4$ gpm

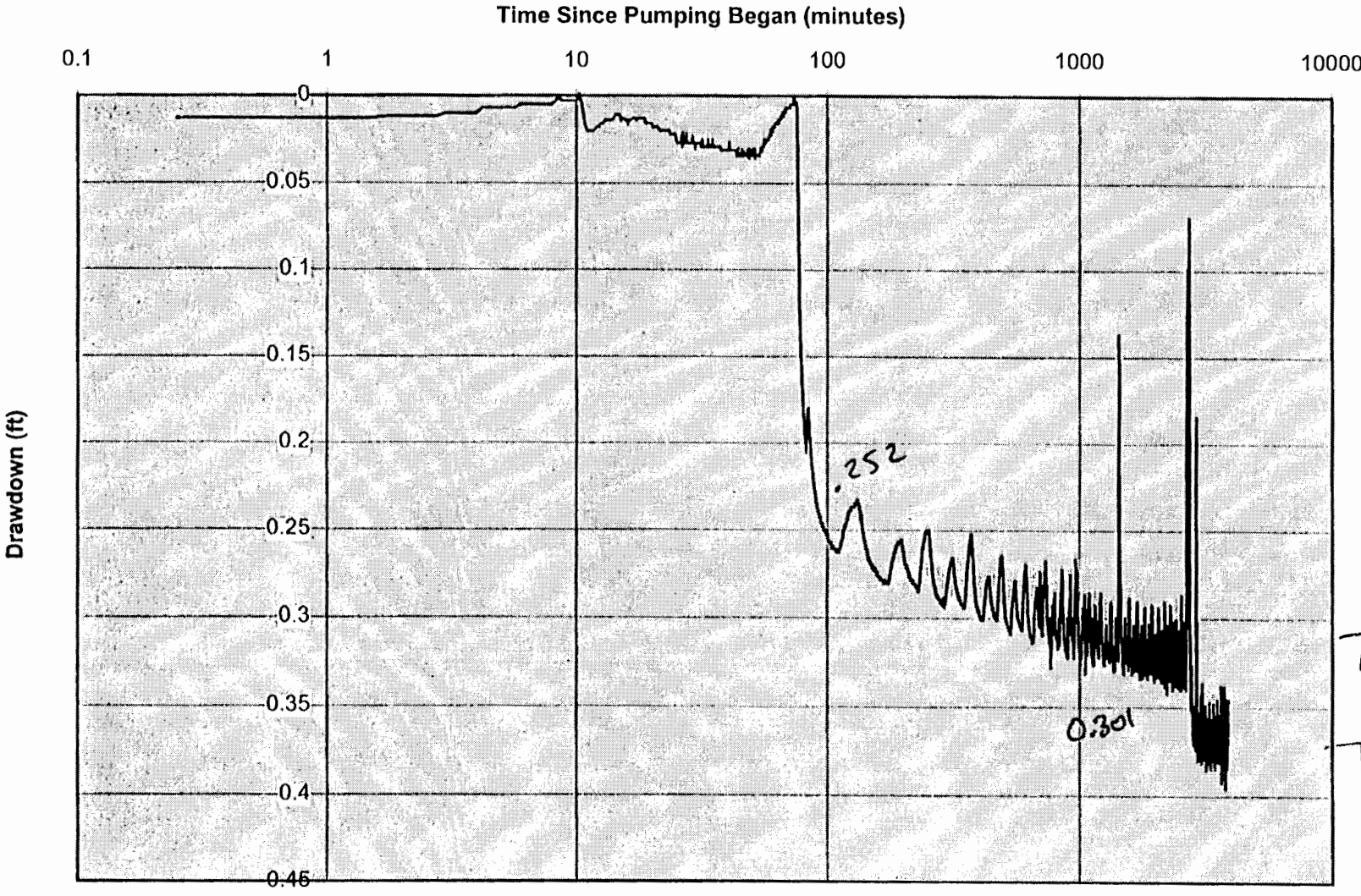
$$T = \frac{264\,(Q)}{\Delta s}$$

$= 26{,}400$ gpd/Ft

## PW-5 Pump Test



## Pump Test PW-5



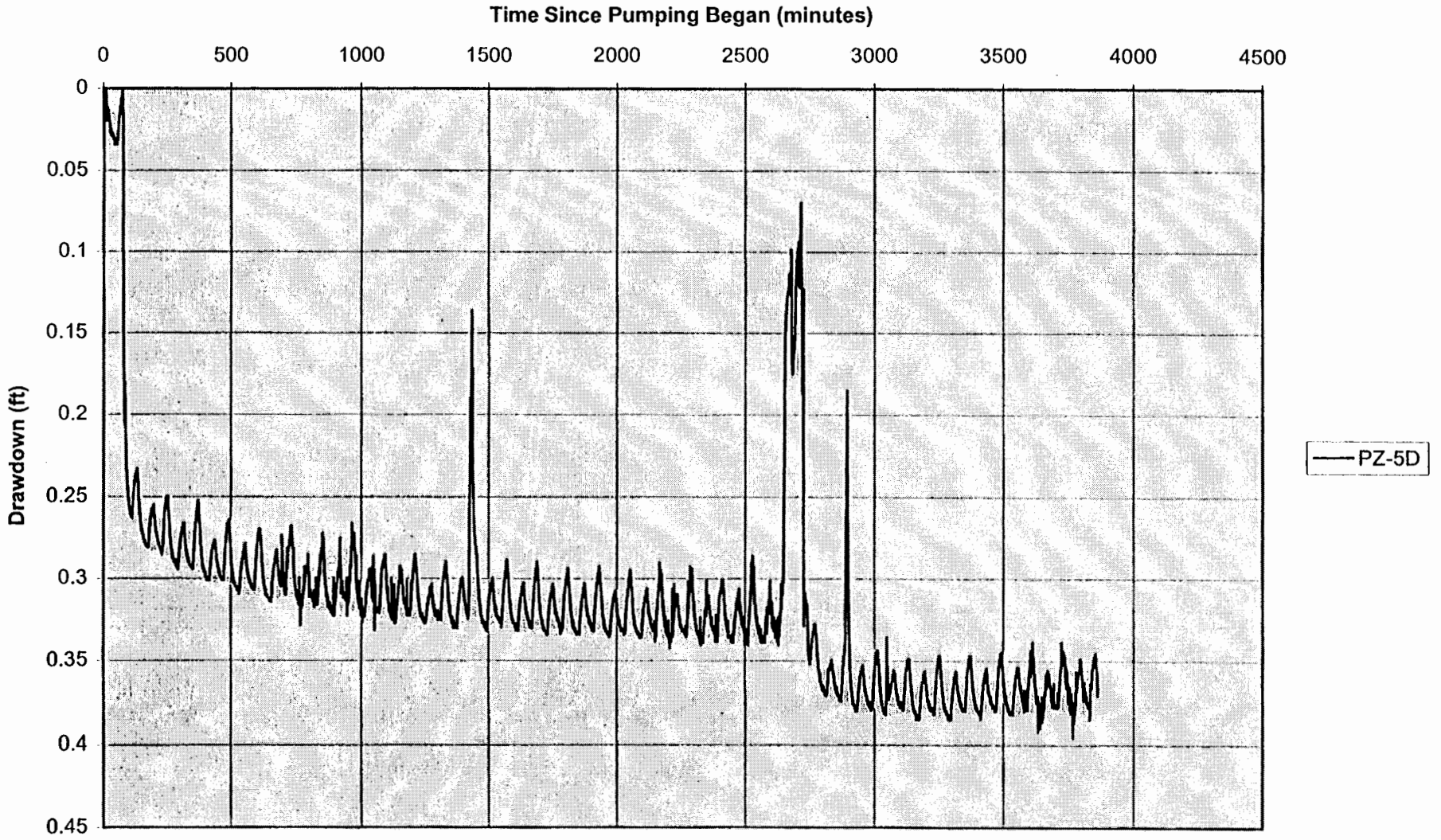

$\Delta S = .049$

$Q = 4$ gpm

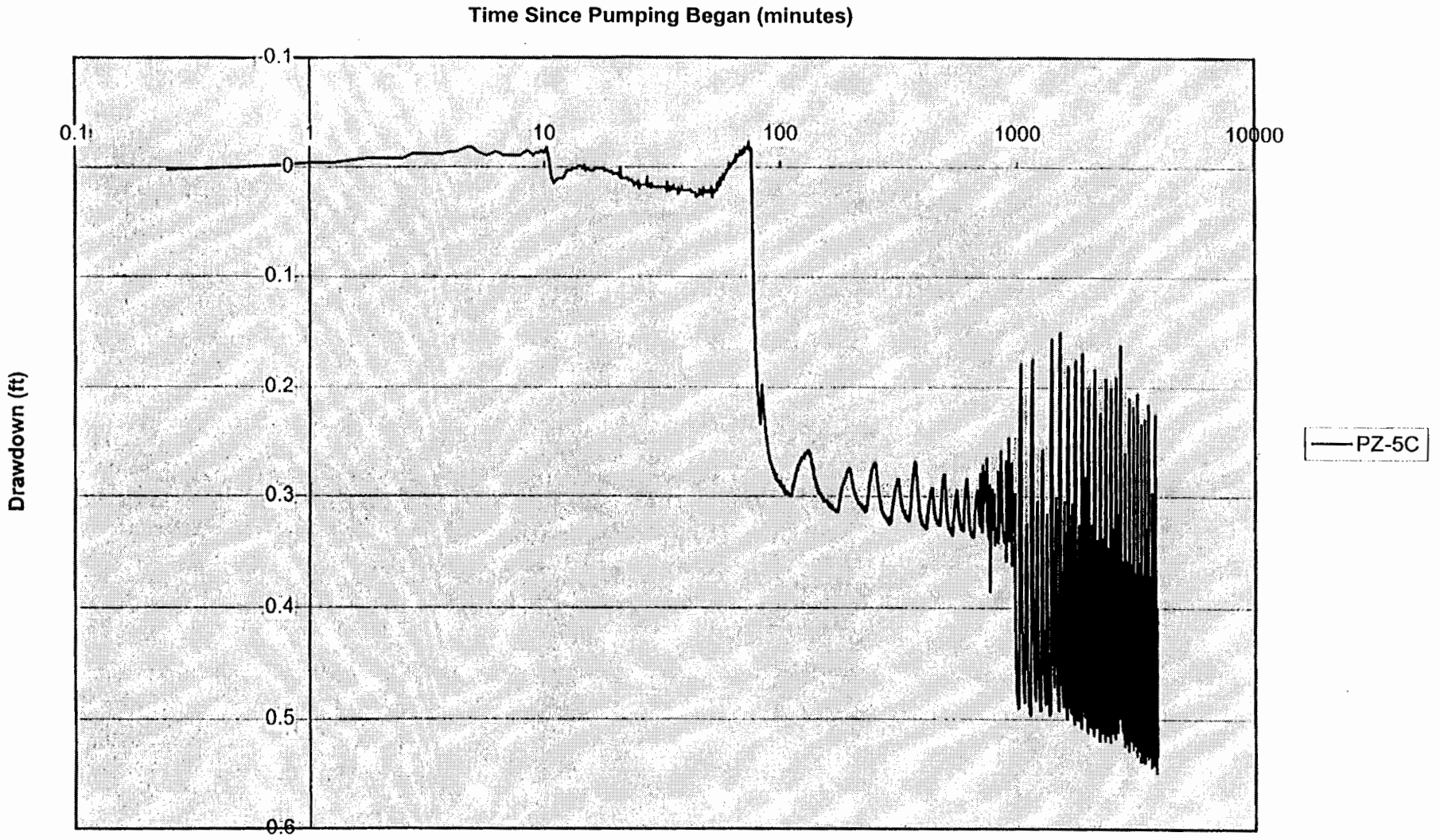
$T = \frac{264\,(Q)}{\Delta S}$

$T = 21{,}551$ gpd/ft

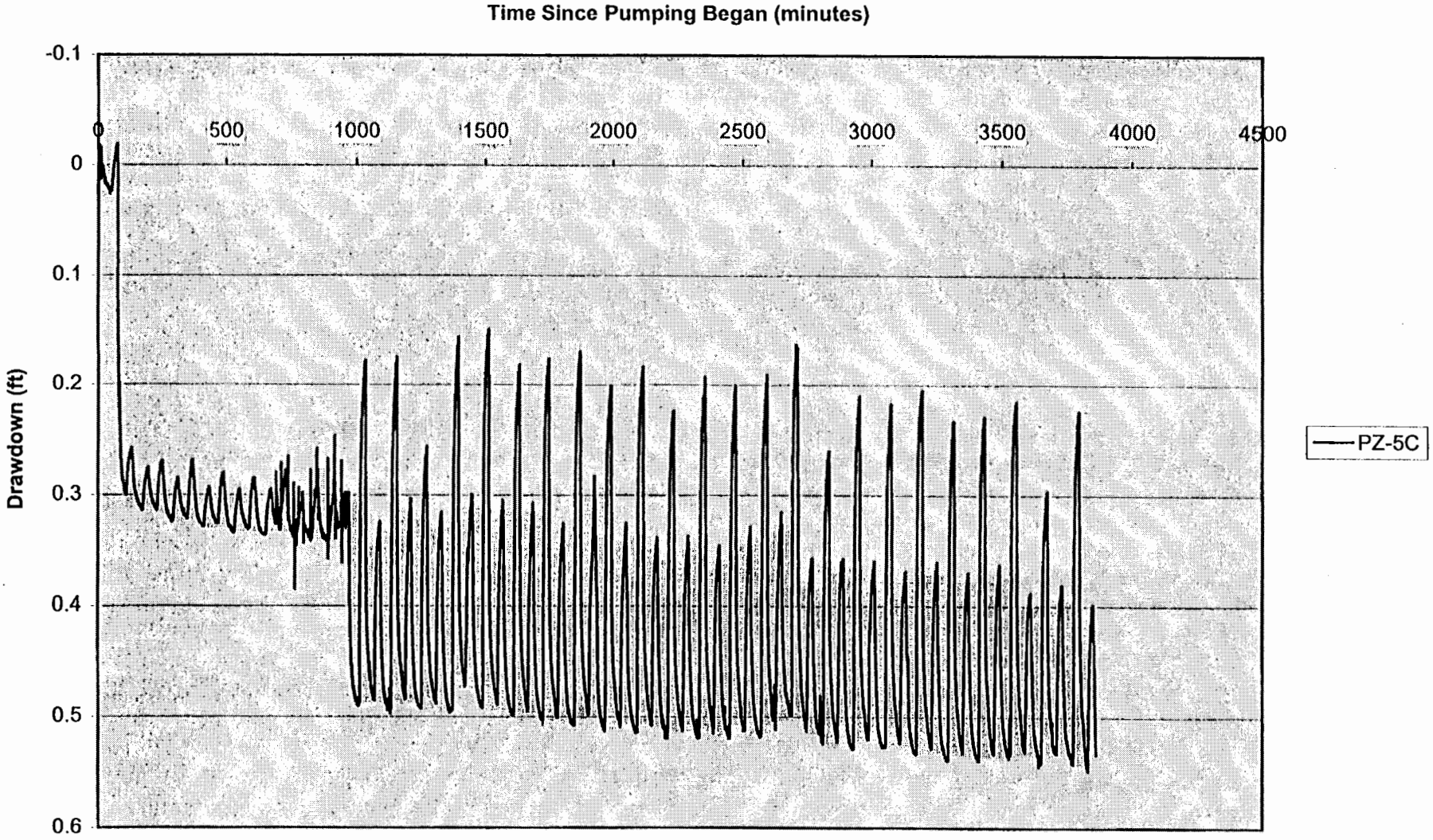
## Pump Test PW-5



## PW-5 Pump Test



## PW-5 Pump Test



Tyree Organization, Limited Latham, NY

# BOREHOLE LOG

BORING NAME PZ-5A

CLIENT: NYS DEC
PROJECT: MR. C'S
LOCATION: 526 MAIN ST. EAST AURORA, NY

DATE STARTED/COMPLETED: 10/23/01 - 10/23/01
LOGGED BY: C. DINAN
DRILLER: NOTHNAGLE, JAY & STEVE
RIG: CME-75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | 1-2 | | | | DRK. BROWN CLAYEY F. TO V.F SAND, MOIST BUT LOOSE, LITTLE GRAVEL, TRACE ORGANICS |
| 1 | 3-4 | 120.2 | 70% | | |
| 2 | 7-13 | | | | DRK. BROWN FINE SAND, DRY LOOSE, SOME GRAVEL (HIT A ROCK) |
| 3 | 23-24 | 132.4 | 10% | | |
| 4 | 8-13 | | | | BROWN FINE SAND AND GRAVEL/ FRAGMENTS OF ROCK, DRY LOOSE |
| 5 | 16-15 | 150.0 | 20% | | |
| 6 | 6-6 | | | | BROWN - LT. BROWN FINE SAND AND GRAVEL/ ROCK FRAGMENTS DRY, LOOSE, SOME COPPER STAINING THROUGH OUT |
| 7 | 9-9 | 17.4 | 40% | | |
| 8 | 5-7 | | | | BROWN - LT. BROWN FINE-MED SAND AND ROCK FRAGMENTS; SOME GRAVEL, DRY, LOOSE |
| 9 | 8-8 | 31.2 | 60% | | |
| 10 | 5-6 | | | | BROWN FINE SAND WITH SOME GRAVEL, DRY, LOOSE |
| 11 | 9-13 | 24.6 | 10% | | |
| 12 | 3-3 | | | | HIT $H_2O$ |
| 13 | 3-5 | 12.9 | 80% | GROUT | DRK. BROWN FINE-MED SAND W/ LITTLE GRAVEL, WET SOFT |
| 14 | 3-5 | | | | DRK BROWN FINE-MED SAND, WET, SOFT |
| 15 | 6-8 | 5.6 | 70% | BENTONITE CHIPS | |
| 16 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**
Drilling Method: H.S.A
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'
Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: .010
Interval: 30'-20'

**FILTER PACK**
Source: SAND
Composition: .00N
Volume Used: 4.5 bags
Interval: 30'-17'

**GROUT / SEAL**
Type: BENTONITE / GROUT
Volume Used: .5bag / 3BAGS
Interval: 17'-15' / 15'-0'

**WELL HEAD COMPLETION**
Manhole: ☑ YES ☐ NO
Size:
Concrete Pad: ☑ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☒ NO
Method:
Amt. Purged:
Date:

Drawn by: A. Bilger

**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME (2)
PZ-5A

CLIENT: NYSDEC
PROJECT: MR. C'S
LOCATION: 586 MAIN ST. EAST AURORA, NY

DATE STARTED/COMPLETED: 10/23/01 - 10/23/01
LOGGED BY: C. DINAN
DRILLER: NOTHNAGLE, JAY, STEVE
RIG: CME-75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 16 | | | | BCKFL | |
| 17 | WR-1 | | | | DRK. BROWN FINE - MED SAND, WET, SOFT |
| | 2-5 | 4.5 | 60% | | |
| 18 | | | | | |
| 19 | WR-WR | | | | DRK. BROWN FINE - VF SILTY SAND, WET, SOFT SOUPY |
| | 2-3 | 8.0 | 60% | | |
| 20 | | | | | |
| | WR-WH | | | | SAME AS ABOVE |
| 21 | 2-4 | 7.6 | 40% | | |
| 22 | | | | | |
| | 1-1 | | | | S.A.A. |
| 23 | 1-2 | 0.9 | 90% | | |
| 24 | | | | | |
| | WH-WH | | | | DRK BROWN FINE - MED SILTY SAND, WET, SOFT SOUPY |
| 25 | WH-3 | 0.0 | 80% | | |
| 26 | | | | | |
| | 5-4 | | | | TOP V2: DK BROWN F-M SILTY SAND WET, SOFT, SOUPY<br>BOTTOM V2: BROWN VF - F CLAYEY SILTY SAND, SOFT, WET |
| 27 | 7-11 | 0.0 | 100% | | |
| 28 | | | | | |
| | WH-WH | | | | BROWN V.F. - CLAYEY SILTY SAND, WET, SOFT, SOUPY |
| 29 | WH-1 | 0.9 | 20% | SAND | |
| 30 | | | | | |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 4.25
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 25'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: .010
Interval: 30'-20'

**FILTER PACK**
Source: SAND
Composition: .010
Volume Used: 4.5 bags
Interval: 30'-17'

**GROUT / SEAL**
Type: BENTONITE / GROUT
Volume Used: .5 bags / 3 bags
Interval: 17'-15' / 15'-0'

**WELL HEAD COMPLETION**
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☑ NO
Method:
Amt. Purged:
Date:

Drawn by: A. Bilger

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

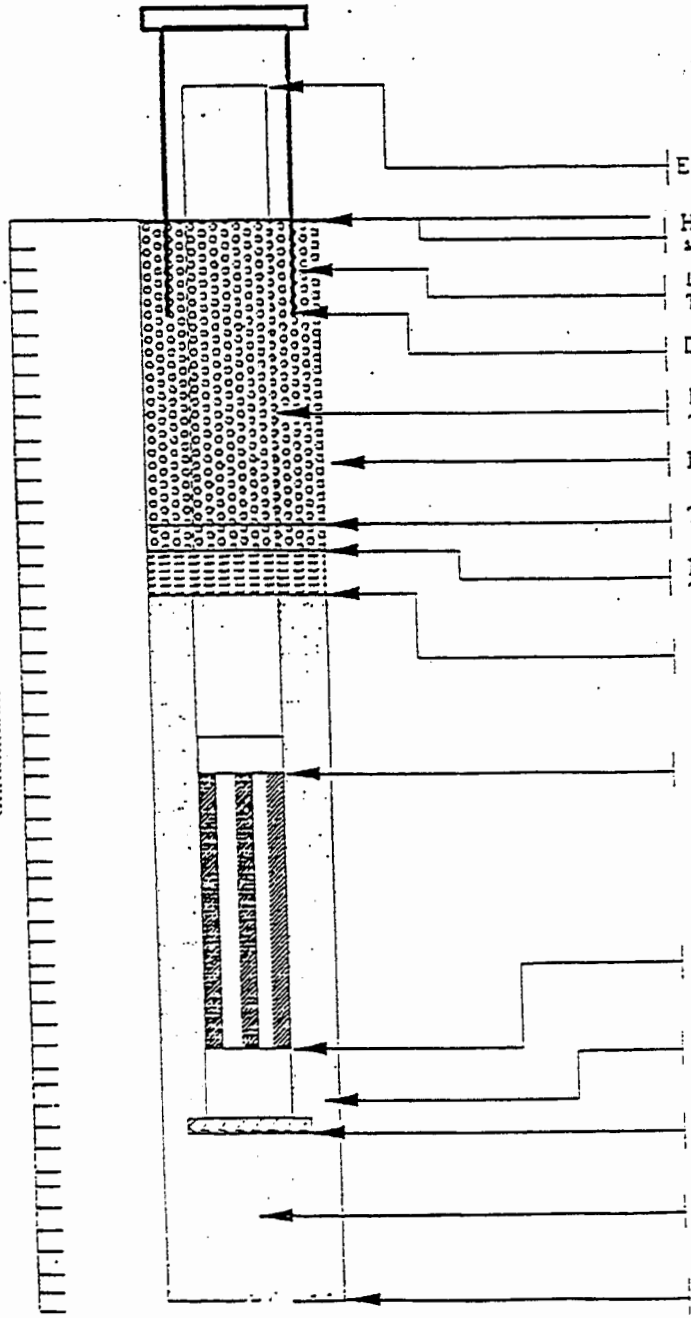
# WELL CONSTRUCTION DETAIL

PROJECT NAME MR. C'S PROJECT # 017301

SITE NYSDEC MR C's WELL # PZ-5A

ADDRESS 586 MAIN ST. EAST AURORA, NY 14052
(IF NOT SAME AS ABOVE)

DATE COMPLETED 10/23/01 SUPERVISED BY CAITLYN DUNN




ELEVATION OF REFERENCE POINT: _____

HEIGHT OF REFERENCE POINT ~~ABOVE~~ GROUND SURFACE: _____

DEPTH OF SURFACE SEAL: _____
TYPE OF SURFACE SEAL: ~~CONCRETE~~

DEPTH OF SURFACE CASING: _____

I.D. OF RISER PIPE: PZ-5A
TYPE OF RISER PIPE: ~~SCH. 40 PVC~~ SCH. 40 PVC

DIAMETER OF BOREHOLE: 4.25'

TYPE OF FILLER: ~~N/A~~ GROUT

ELEVATION/DEPTH OF TOP OF SEAL: 15'
TYPE OF SEAL: ~~CEMENT~~ BENTONITE

ELEVATION/DEPTH OF TOP OF SAND PACK: 17'
TYPE OF SAND PACK: ~~#2~~ #0

ELEVATION/DEPTH OF TOP OF SCREEN: 20'
DESCRIPTION OF SCREEN: ~~4" SCH 40 PVC .020 SLOT~~
2 SCH. 40 PVC SLOT: .010

ELEVATION/DEPTH OF BOTTOM OF SCREEN: 30'

ELEVATION/DEPTH OF BOTTOM OF SAND PACK: 30'

ELEVATION/DEPTH OF BOTTOM OF PLUGGED BLANK SECTION: N/A

TYPE OF FILLER BELOW PLUGGED SECTION: N/A

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE: ~~35~~ 36'

17

Tyree Organization, Limited Latham, NY

# BOREHOLE LOG

BORING NAME PZ-5D

CLIENT: NYSDEC
PROJECT: M.R.C's
LOCATION: 586 MAIN ST. EAST AURORA, NY

DATE STARTED/COMPLETED: 10/24/01 – 10/24/01
LOGGED BY: C. DINAN
DRILLER: NADINAGGE, JAY; STEVE
RIG: CME-75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | GROUT |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | BCWS |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | SAND |
| 28 | | | | | |
| 30 | | | | | |

Notes: ppm=parts per million, nd=not detected

Drawn by: A. Bilger

## LEGEND

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

▽ = ground water table
f-gravel=2–4mm
m-gravel=4–64mm
c-gravel=64–256mm

## BORE HOLE DATA

Drilling Method: H.S.A.
Hole Dia.: 4.25
Depth: 30'

## WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: .010
Interval: 30'-20'

## FILTER PACK

Source: SAND
Composition: .010N
Volume Used: 4.5 BAGS
Interval: 30'-17'

## GROUT / SEAL

Type: BENTONITE/GROUT
Volume Used: ½ BAG / 3 BAGS
Interval: 17'-15' / 15'-0'

## WELL HEAD COMPLETION

Manhole: ☑ YES ☐ NO
Size:
Concrete Pad: ☑ YES ☐ NO
Size:

## WELL DEVELOPMENT

Performed: ☐ YES ☑ NO
Method:
Amt. Purged:
Date:

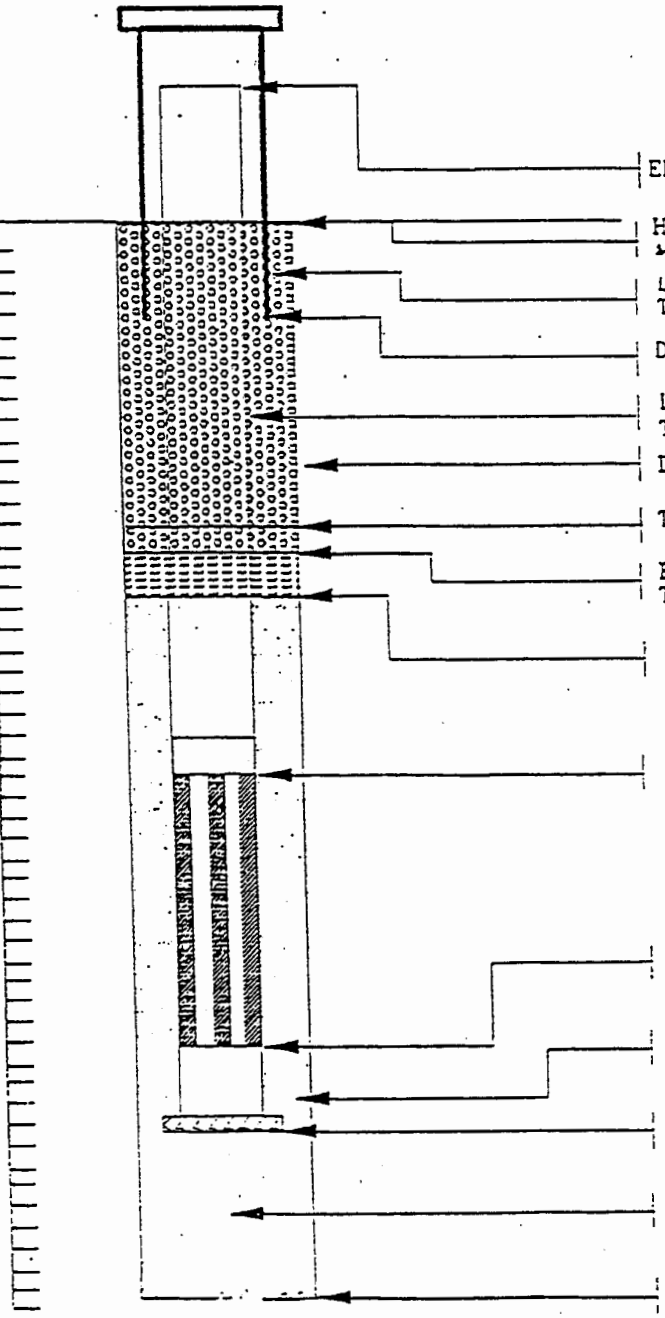
# WELL CONSTRUCTION DETAIL

PROJECT NAME MLC's PROJECT # 017301

SITE NYSDOT MLC's WELL # PZ-B5D

ADDRESS 526 MAIN ST. EAST AURORA, NY
(IF NOT SAME AS ABOVE)

DATE COMPLETED 10/24/01 SUPERVISED BY CAITLYN DUNN



GENERALIZED STRATIGRAPHY

ELEVATION OF REFERENCE POINT: _____

HEIGHT OF REFERENCE POINT ~~ABOVE~~ GROUND SURFACE: _____

DEPTH OF SURFACE SEAL: _____
TYPE OF SURFACE SEAL: CONCRETE

DEPTH OF SURFACE CASING: _____

I.D. OF RISER PIPE: PZ-5D
TYPE OF RISER PIPE: SCH.40 PVC

DIAMETER OF BOREHOLE: 4.25'

TYPE OF FILLER: ~~SAND~~ GROUT

ELEVATION/DEPTH OF TOP OF SEAL: 15'
TYPE OF SEAL: BENTONITE

ELEVATION/DEPTH OF TOP OF SAND PACK: 17'
TYPE OF SAND PACK: ~~#2 SAND~~ MIX

ELEVATION/DEPTH OF TOP OF SCREEN: 20'
DESCRIPTION OF SCREEN: ~~4" SCH.40 PVC .010 SLOT~~
2" SCH.40 PVC .010 SLOT

ELEVATION/DEPTH OF BOTTOM OF SCREEN: 30'

ELEVATION/DEPTH OF BOTTOM OF SAND PACK: 30'

ELEVATION/DEPTH OF BOTTOM OF PLUGGED BLANK SECTION: NA

TYPE OF FILLER BELOW PLUGGED SECTION: NA

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE: ~~30~~ 30'

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Tyree Organization, Limited Latham, NY

# BOREHOLE LOG

BORING NAME PZ-5C

CLIENT: NYSDEC
PROJECT: MR. C's
LOCATION: 586 MAIN ST. EAST AMHERST, NY

DATE STARTED/COMPLETED: 10/24/01
LOGGED BY: C.DINAN
DRILLER: NATHAGIES, VAY
RIG: CME-75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0–30 | | | | | HOLE WAS HAND DUG DOWN TO 4' BECAUSE LOCATION CLOSE TO GAS LINE |

Notes: ppm=parts per million, nd=not detected

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 9.25"
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: .010
Interval: 30'-20'

**FILTER PACK**
Source: SAND
Composition: .ON
Volume Used: 4.5 bags
Interval: 30'-17'

**GROUT / SEAL**
Type: BENTONITE / GROUT
Volume Used: ½ BAG / 3 BAGS
Interval: 17'-15' / 15'-0'

**WELL HEAD COMPLETION**
Manhole: ☑ YES ☐ NO
Size:
Concrete Pad: ☑ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☑ NO
Method:
Amt. Purged:
Date:

Drawn by: A. Bilger

**LEGEND**

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

▽ = ground water table
f-gravel=2–4mm
m-gravel=4–64mm
c-gravel=64–256mm

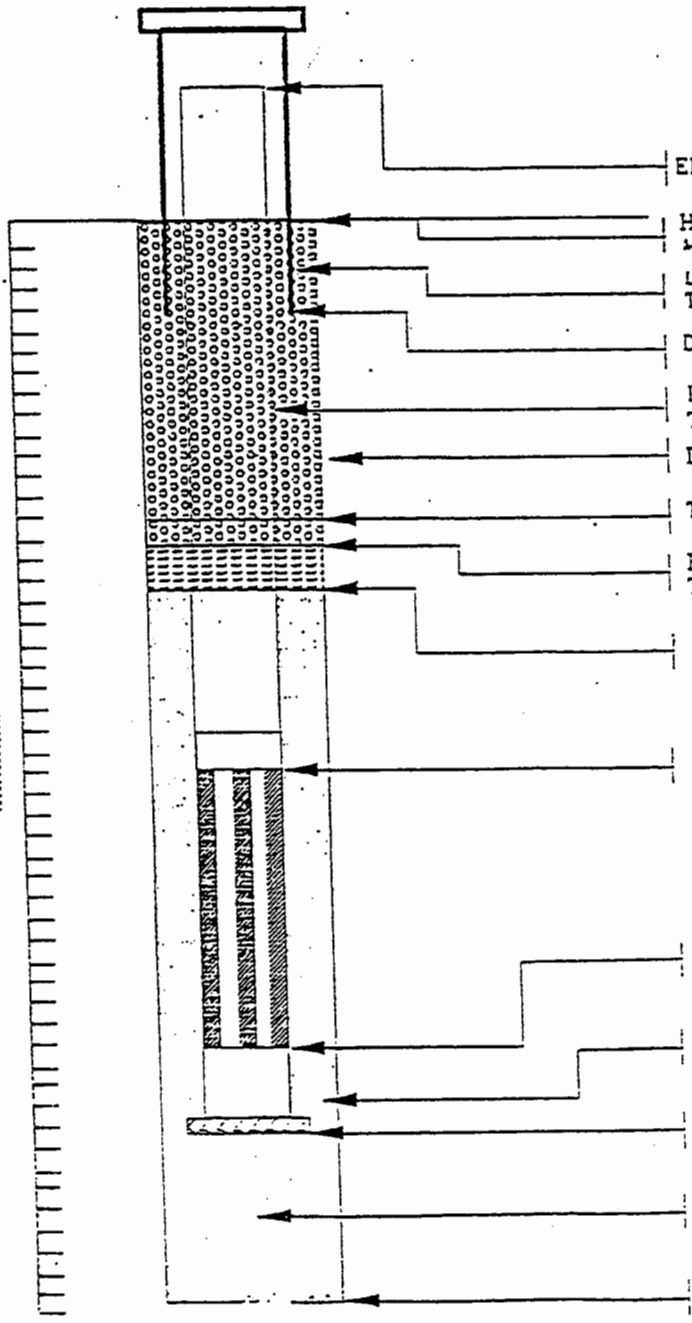
# WELL CONSTRUCTION DETAIL

PROJECT NAME MRC's PROJECT # 017301

SITE NYSDEC MRC's WELL # PZ-5C

ADDRESS 586 MAIN ST. EAST AURORA, NY
(IF NOT SAME AS ABOVE)

DATE COMPLETED 10/24/01 SUPERVISED BY CAITLYN DINAN



GENERALIZED STRATIGRAPHY

ELEVATION OF REFERENCE POINT: _____

HEIGHT OF REFERENCE POINT ~~ABOVE~~ GROUND SURFACE: _____

DEPTH OF SURFACE SEAL: _____
TYPE OF SURFACE SEAL: CONCRETE

DEPTH OF SURFACE CASING: _____

I.D. OF RISER PIPE: PZ-5D
TYPE OF RISER PIPE: SCH.40 PVC

DIAMETER OF BOREHOLE: 4.25'

TYPE OF FILLER: ~~NA~~ GROUT

ELEVATION/DEPTH OF TOP OF SEAL: 15'
TYPE OF SEAL: BENTONITE

ELEVATION/DEPTH OF TOP OF SAND PACK: 17'
TYPE OF SAND PACK: ~~#2 SAND~~ ODN

ELEVATION/DEPTH OF TOP OF SCREEN: 20'
DESCRIPTION OF SCREEN: ~~2" SCH.40 PVC .02 SLOT~~
2" SCH. 40 PVC .010 SLOT

ELEVATION/DEPTH OF BOTTOM OF SCREEN: 30'

ELEVATION/DEPTH OF BOTTOM OF SAND PACK: 30'

ELEVATION/DEPTH OF BOTTOM OF PLUGGED BLANK SECTION: NA

TYPE OF FILLER BELOW PLUGGED SECTION: NA

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE: ~~30'~~

Tyree Organization, Limited
Latham, NY

# BOREHOLE LOG

BORING NAME
PZ-5B

CLIENT: NYSDEC
PROJECT: Mt. C's
LOCATION: 586 MAIN ST. EAST ARRCA, NY

DATE STARTED/COMPLETED: 10/23/01 - 10/24/01
LOGGED BY: C. DIJAN
DRILLER: NATIONAGLE, JAY STEENS
RIG: CME-75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | GROUT |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | B. CHIPS |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | SAND |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |

Notes: ppm=parts per million. nd=not detected

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 4.25
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20' - 0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: .010
Interval: 30'-0'

**FILTER PACK**
Source: SAND
Composition: .020
Volume Used: 4.5 BAGS
Interval: 30' - 17'

**GROUT / SEAL**
Type: BENTONITE / GLUVITE
Volume Used: ½BAG / 3 BAGS
Interval: 17'-15' / 15'-0'

**WELL HEAD COMPLETION**
Manhole: ☑ YES ☐ NO
Size:
Concrete Pad: ☑ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☒ NO
Method:
Amt. Purged:
Date:

Drawn by: A. Bliger

**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm



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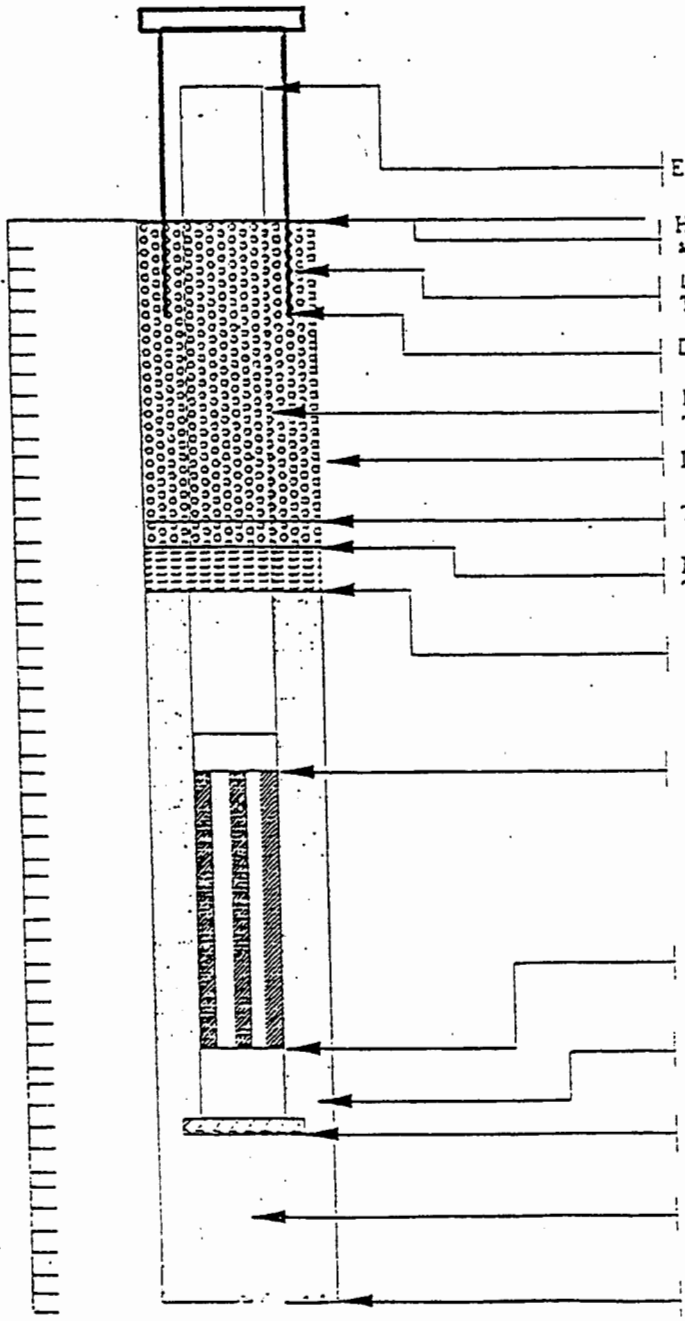
# WELL CONSTRUCTION DETAIL

PROJECT NAME Mr. C's PROJECT # 017301

SITE Mystic Mr. C's WELL # PZ-5B

ADDRESS 584 MAIN ST. EAST AURORA, NY
(IF NOT SAME AS ABOVE)

DATE COMPLETED 10/24/01 SUPERVISED BY CAITLYN DINAN



GENERALIZED STRATIGRAPHY

ELEVATION OF REFERENCE POINT: _____

HEIGHT OF REFERENCE POINT ~~ABOVE~~ GROUND SURFACE: _____

DEPTH OF SURFACE SEAL: _____
TYPE OF SURFACE SEAL: CONCRETE

DEPTH OF SURFACE CASING: _____

I.D. OF RISER PIPE: PZ-5B
TYPE OF RISER PIPE: SCH.40 PVC

DIAMETER OF BOREHOLE: 4.25"

TYPE OF FILLER: ~~SAND~~ GROUT

ELEVATION/DEPTH OF TOP OF SEAL: 15'
TYPE OF SEAL: BENTONITE

ELEVATION/DEPTH OF TOP OF SAND PACK: 17'
TYPE OF SAND PACK: ~~SAND~~ #0N

ELEVATION/DEPTH OF TOP OF SCREEN: 20'
DESCRIPTION OF SCREEN: ~~4" SCH.40 PVC .010 SLOT~~
2" SCH40 PVC .010 SLOT

ELEVATION/DEPTH OF BOTTOM OF SCREEN: 30'

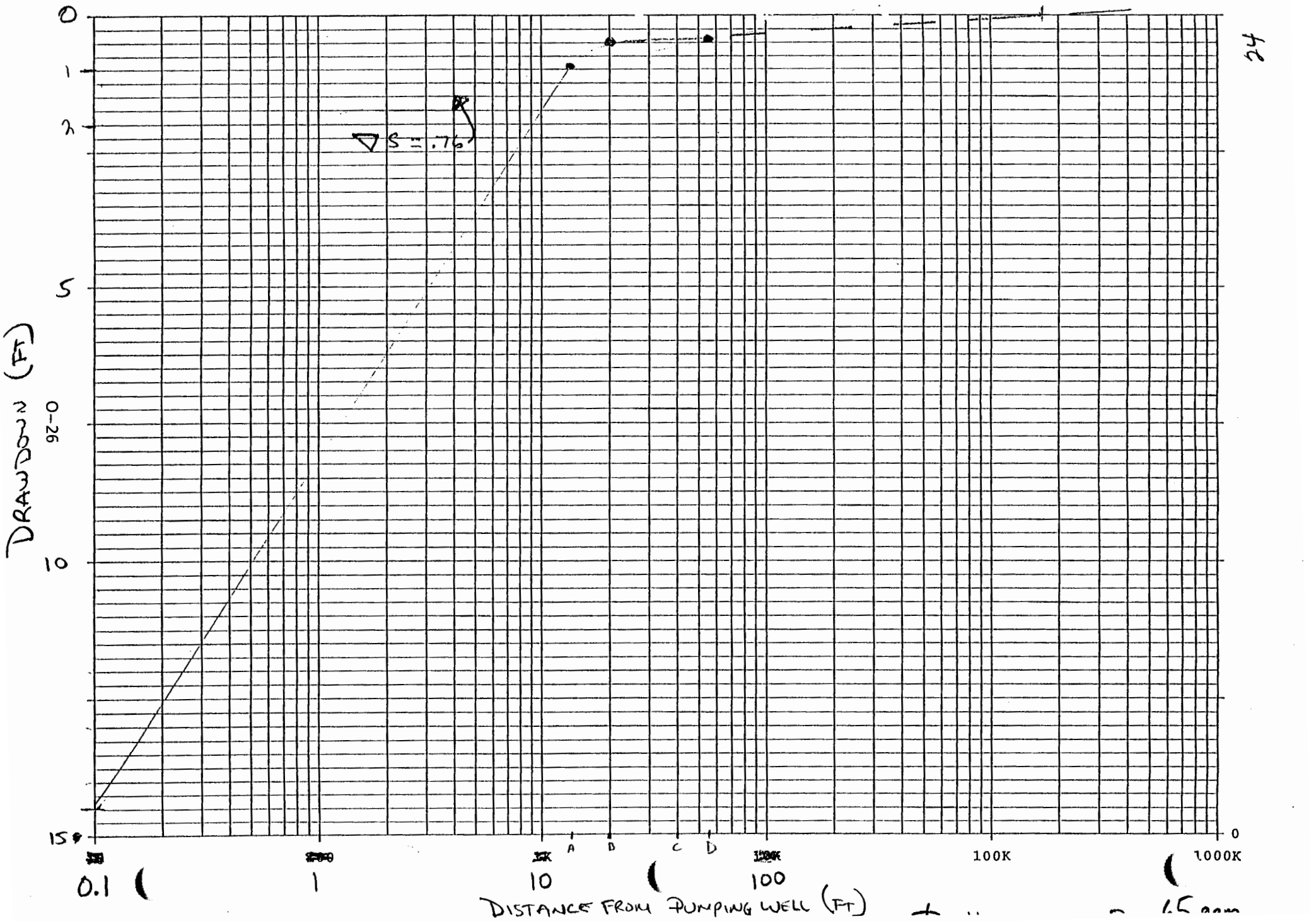
ELEVATION/DEPTH OF BOTTOM OF SAND PACK: 30'

ELEVATION/DEPTH OF BOTTOM OF PLUGGED BLANK SECTION: NA

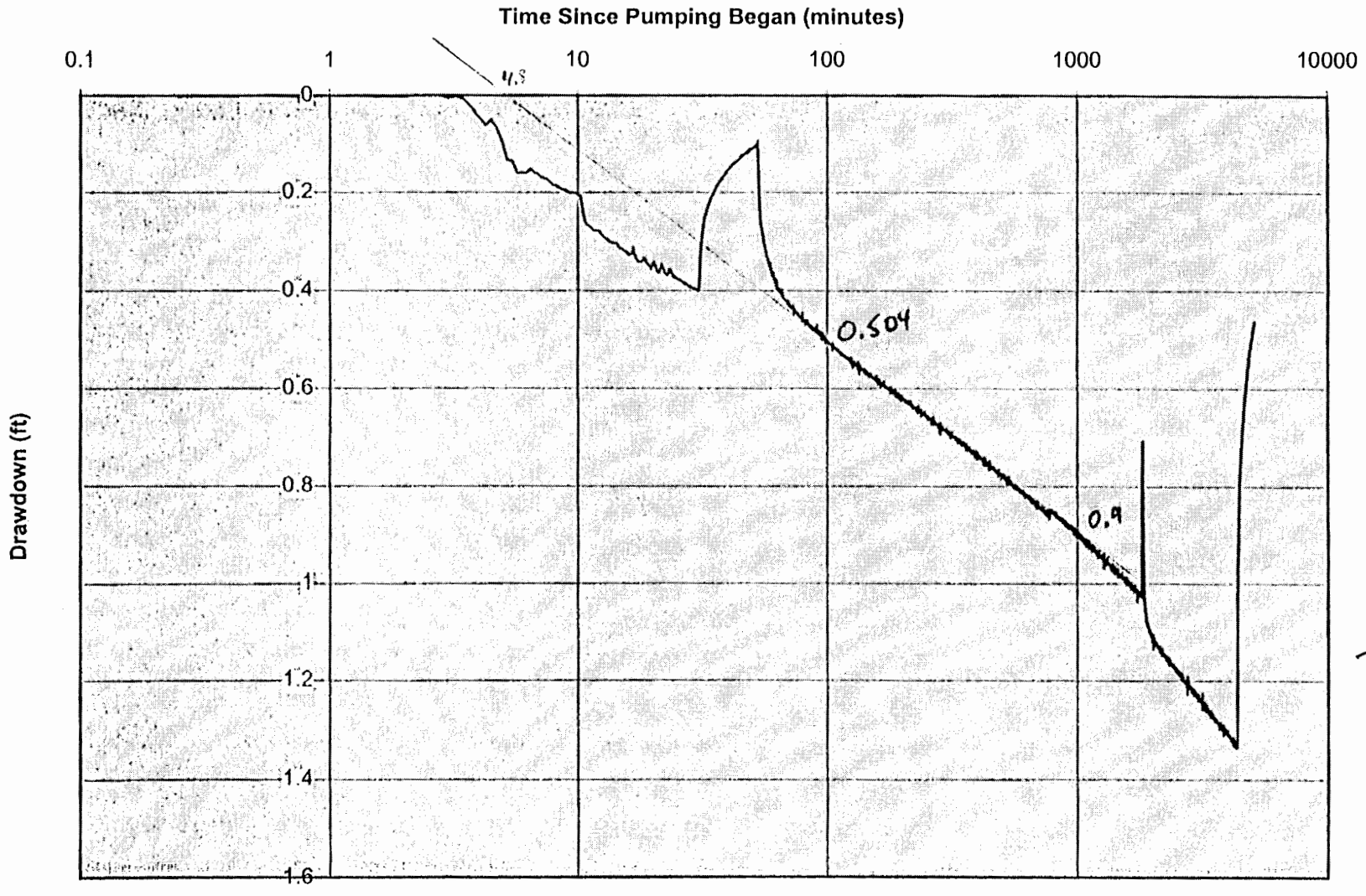
TYPE OF FILLER BELOW PLUGGED SECTION: NA

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE: ~~30~~ 30'

# RW-1 DISTANCE - DRAWDOWN



## RW-1 Pump Test




O-27

$Q = 65$ gpm

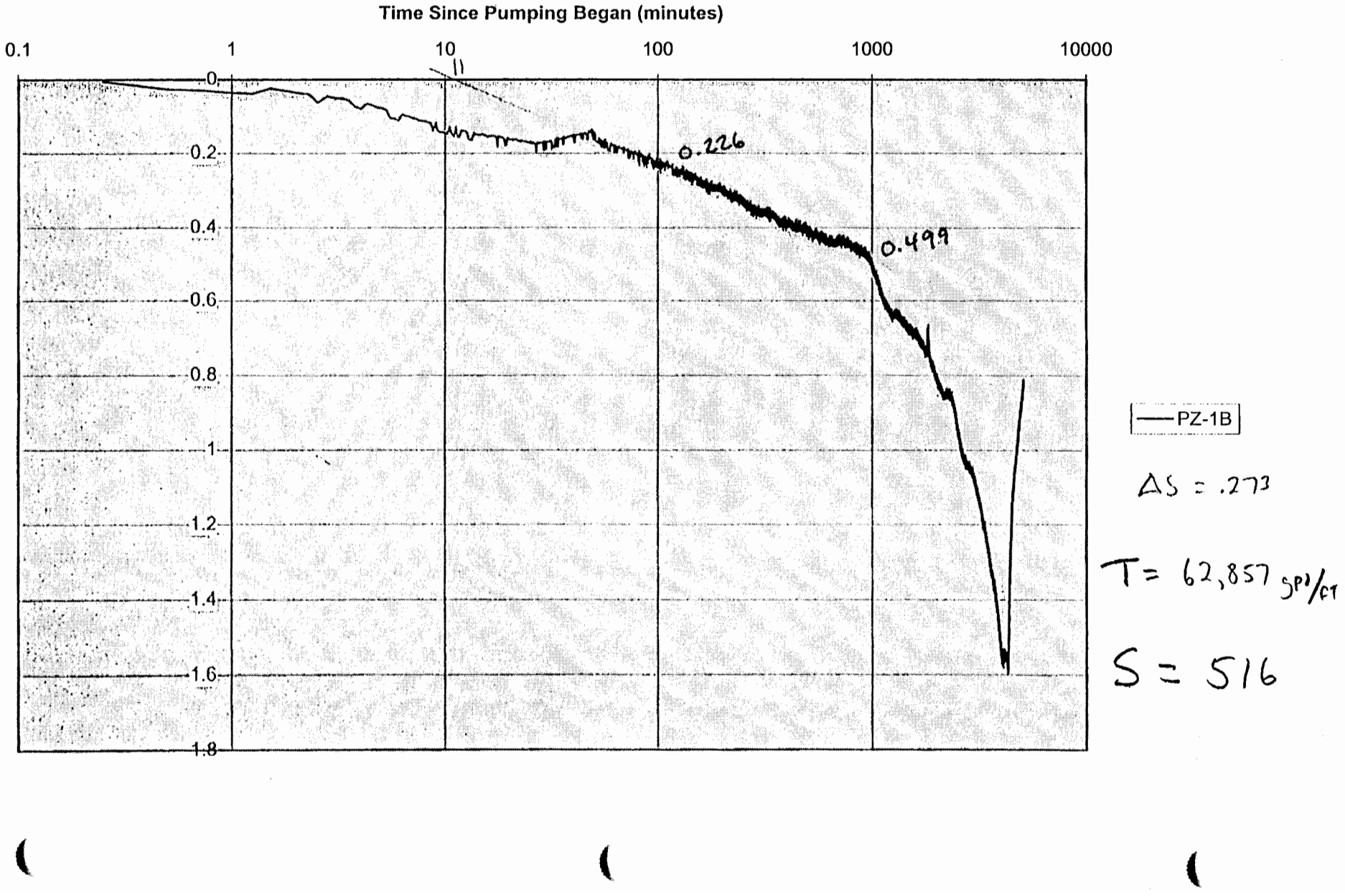
$\Delta S = .15$

$T = \frac{264\ Q}{\Delta S}$

$= 43{,}333$ gpd/ft

$S = 300$

## RW-1 Pump Test

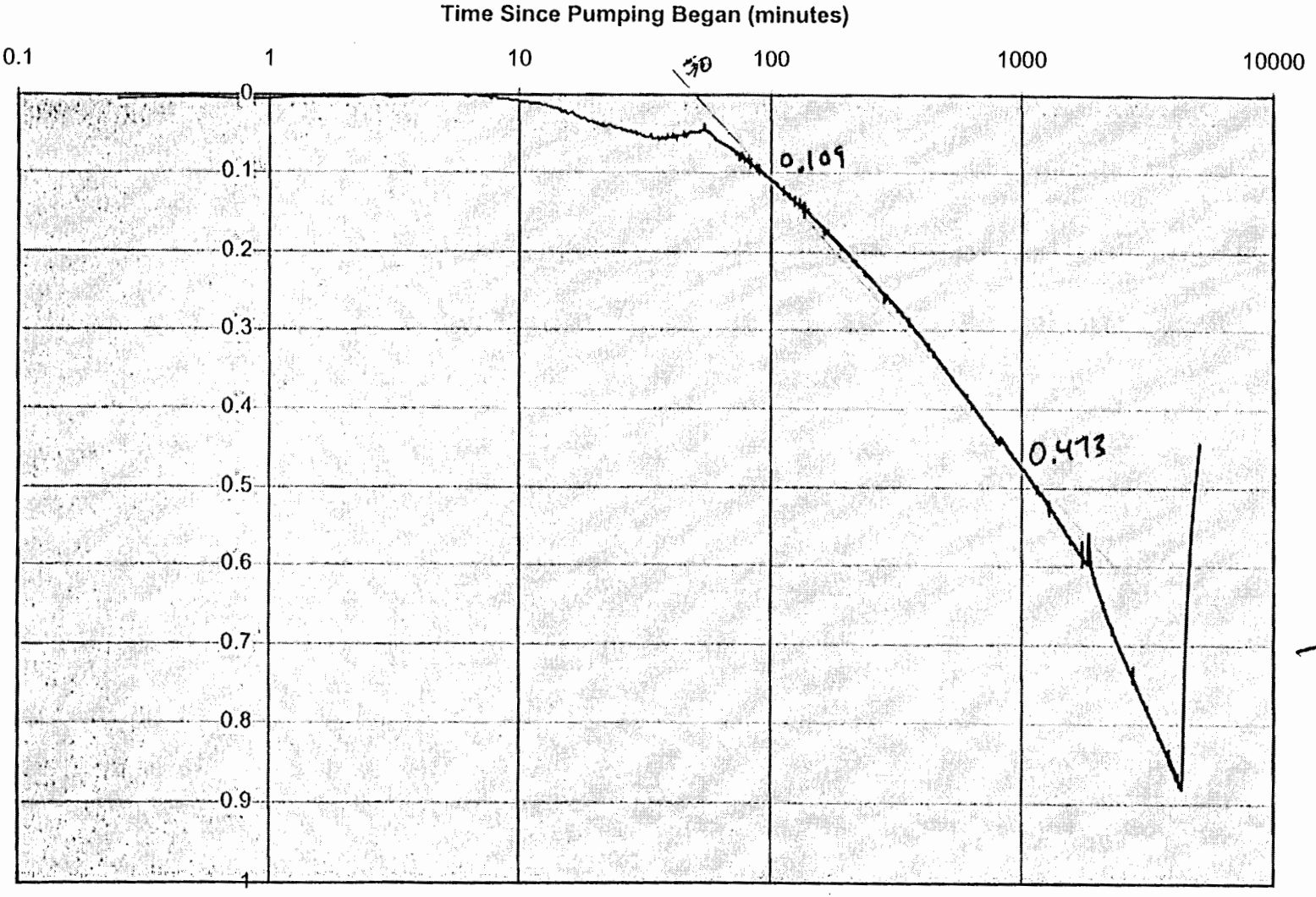



$\Delta S = .273$

$T = 62{,}857$ GPD/FT

$S = 516$

# RW-1 Pump Test

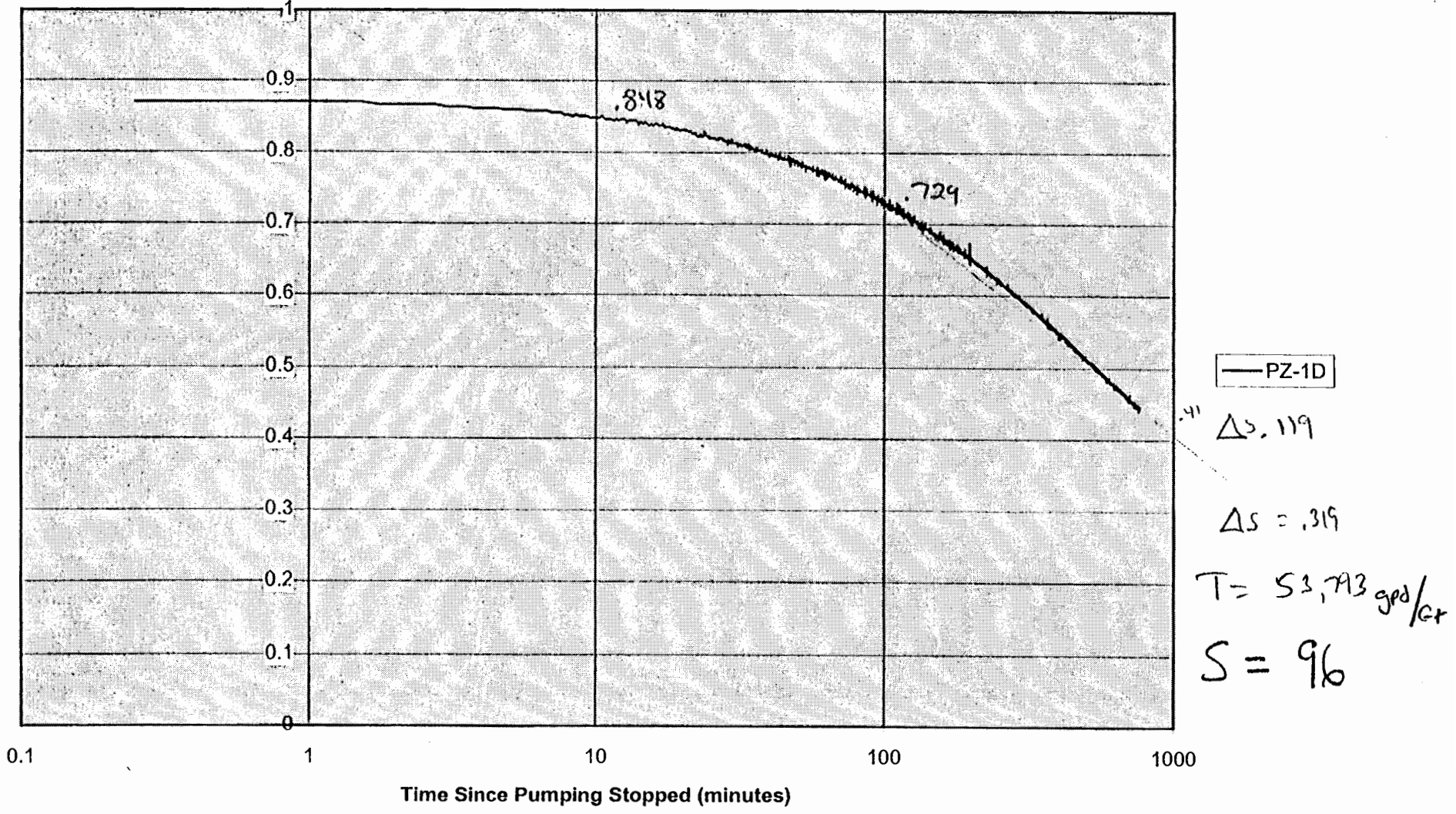



ΔS = .364

T = 47,142 gpd/ft

S = 234

## Recovery Test



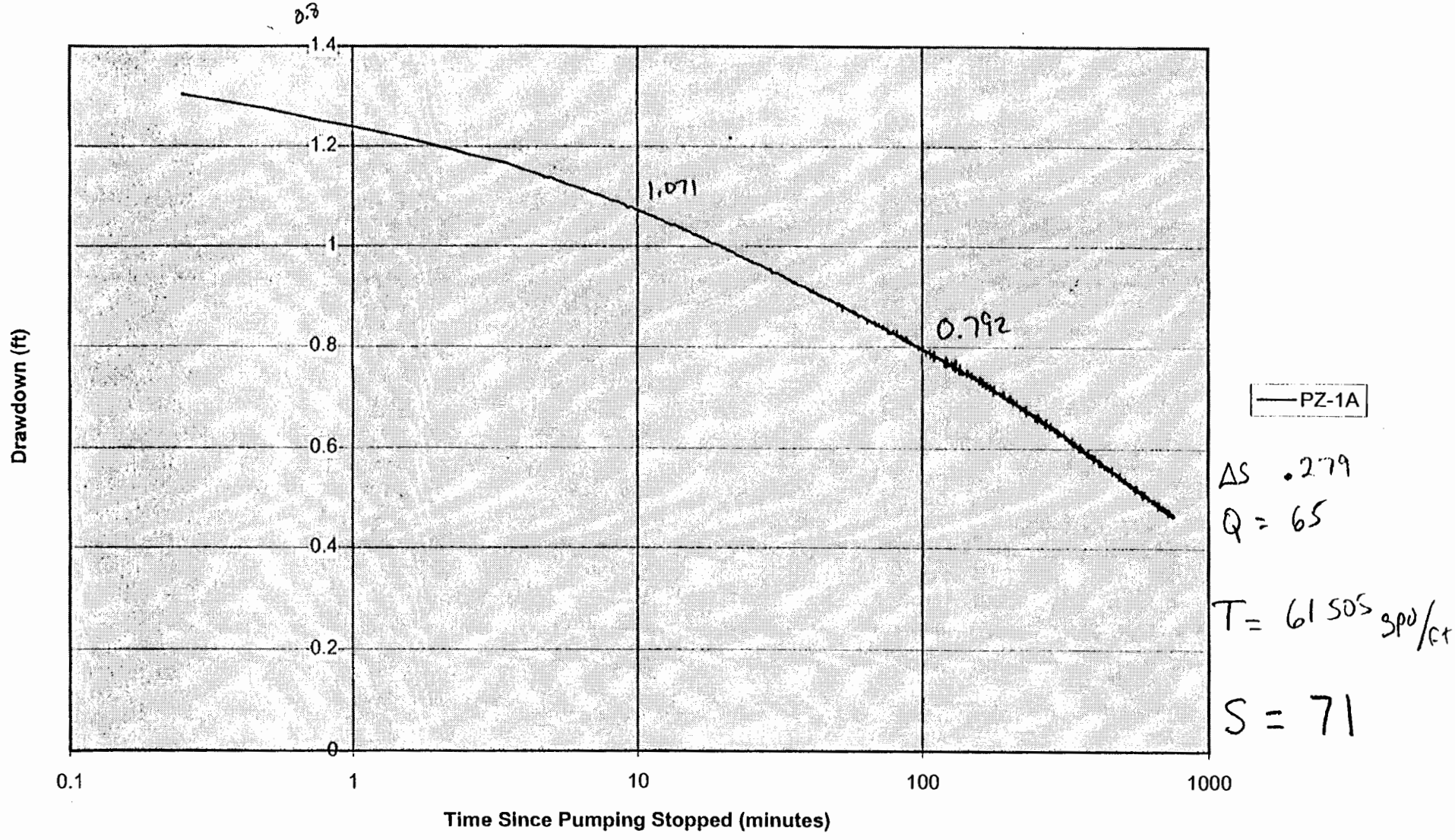

Δs .119

Δs = .319

T = 53,793 gpd/ft

S = 96

## Recovery Test RW-1

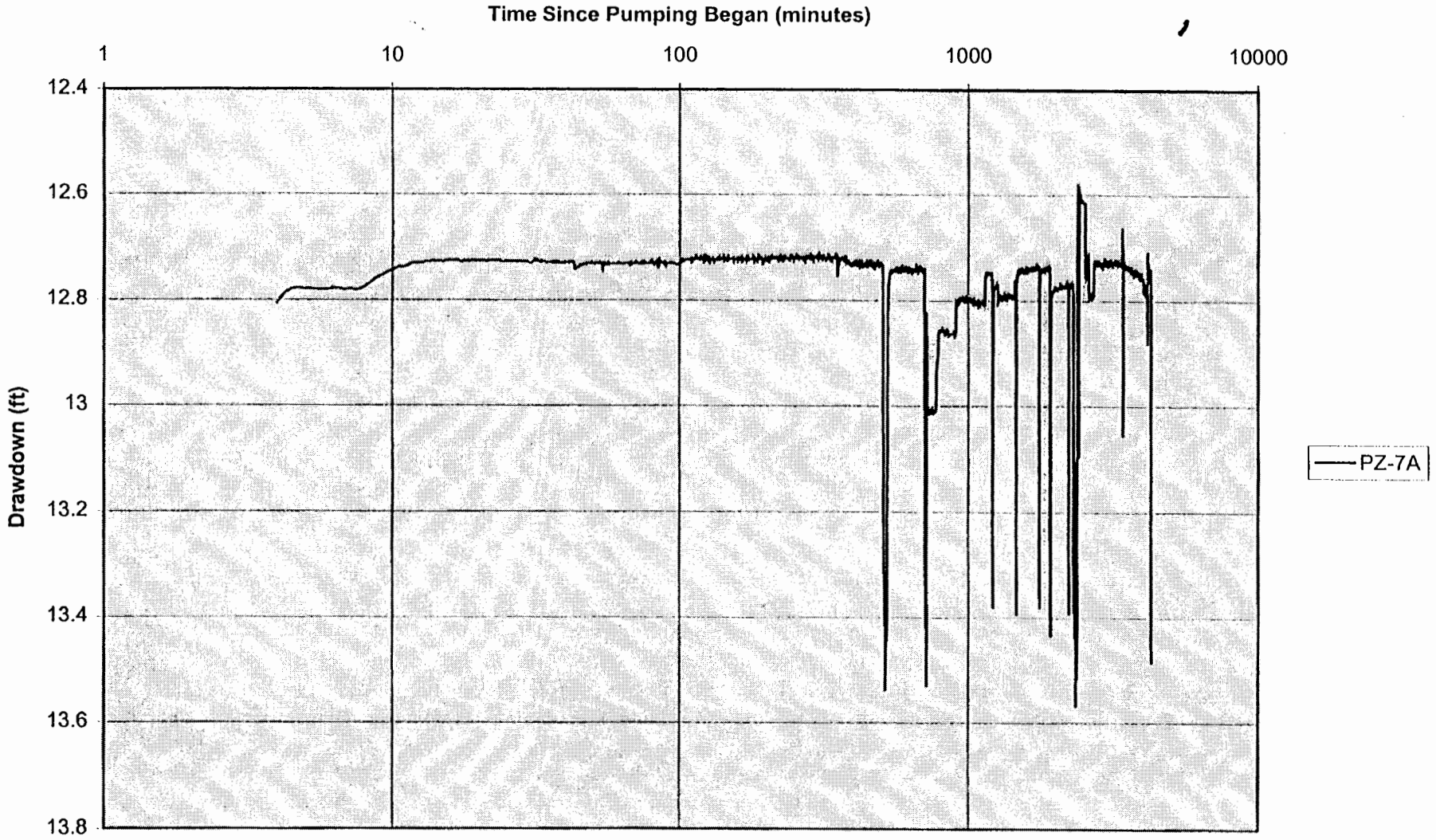



ΔS .279
Q = 65

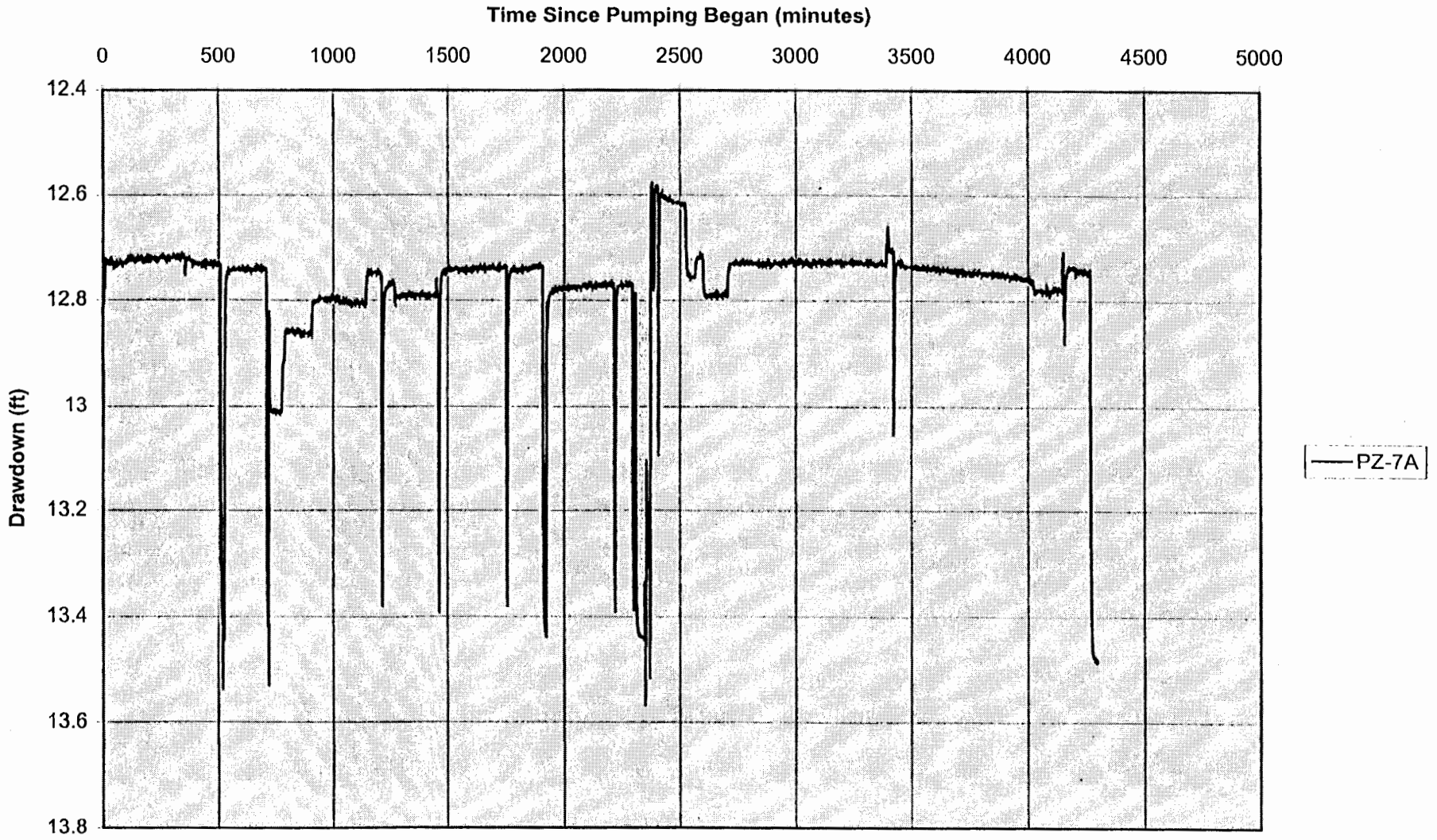
T = 6150.5 gpd/ft

S = 71

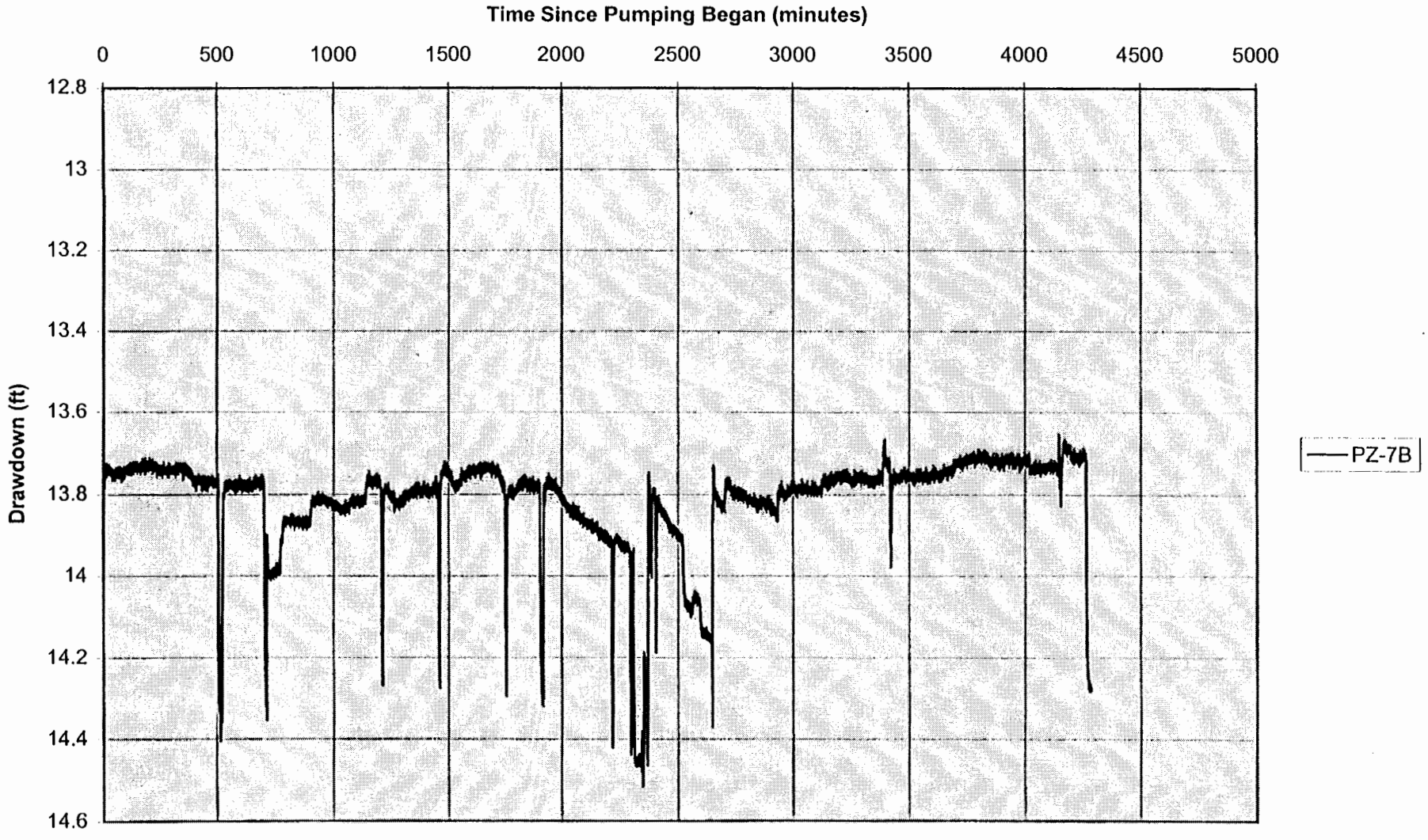
## PW-7 Pump Test



## PW-7 Pump Test



## PW-7 Pump Test



Tyree Organization, Limited, Latham, NY

# BOREHOLE LOG

BORING NAME: P2-7B

CLIENT: NYSDEC
PROJECT: MR. C's
LOCATION: 586 MAIN ST, EAST AURORA, NY

DATE STARTED/COMPLETED: 10/30/91 - 10/30/91
LOGGED BY: D. PERRUCCI
DRILLER: NOTHNAGLE DRILLING
RIG: CME 75

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | |
| 2 | 1,1,2,2 | 0.0 | 90% | | m-c SAND/BR, SOME f-c GRAVEL/GY, DRY |
| | 3,4,4,6 | 0.0 | 95% | | f-m SAND/BN, TR SILT/BN, MOIST |
| 4 | 4,5,3,3 | 0.0 | 60% | | f-m SAND/BN, SOME SILT/GY, MOIST |
| 6 | 3,4,3,4 | 0.0 | 50% | | m-c SAND/BN, SM f-c GRAVEL/BN, TR SILT/BN, MOIST |
| | 2,4,5,6 | 0.0 | 50% | | m-c SAND/BN, SM f-c GRAVEL/BN, [illegible] & SILT/BN, MOIST |
| 10 | 1,2,4,5 | 0.0 | 60% | | f-m SAND/GY, TR SILT/GY, WET |
| 12 | 6,8,11,10 | — | 0% | | |
| 14 | 6,[illegible] | 0.0 | 10% | | f-m SAND/BN, SM SILT/BN, [illegible] TR f GRAVEL/BN, WET |
| 16 | 2,5,8,9 | 0.0 | 80% | | f-m SAND/GY, TR SILT/GY, WET |
| 18 | 7,4,8,10 | 0.0 | 70% | | f-m SAND/[illegible], TR SILT/GY, WET |
| 20 | 2,3,5,8 | 0.0 | 60% | | f-m SAND/GY, TR SILT/GY, WET |
| 22 | 2,4,8,10 | 0.0 | 70% | | f-m SAND/GY, TR SILT/GY, WET |
| 24 | 2,5,7,7 | 0.0 | 70% | | f-m SAND/GY, TR SILT/GY, WET |
| 26 | 1,1,2,3 | 0.0 | 80% | | m-c SAND/GY, WET |
| 28 | 13,6,12,9 | 0.0 | 50% | | m-c SAND/GY, WET |
| 30 | | | | | |

PVC RISER

Notes: ppm=parts per million, nd=not detected

Drawn by: A. Bilger

## BORE HOLE DATA

Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

## WELL DATA

Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: .010
Interval: 30'-20'

## FILTER PACK

Source: SAND
Composition:
Volume Used: 4 BAGS
Interval: 30'-17'

## GROUT / SEAL

Type: BENTONITE/CEMENT
Volume Used: ½ BAG/9 BAGS
Interval: 17'-15'/15'-0'

## WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

## WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

## LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

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Tyrrell Organization, Limited, Latham, NY

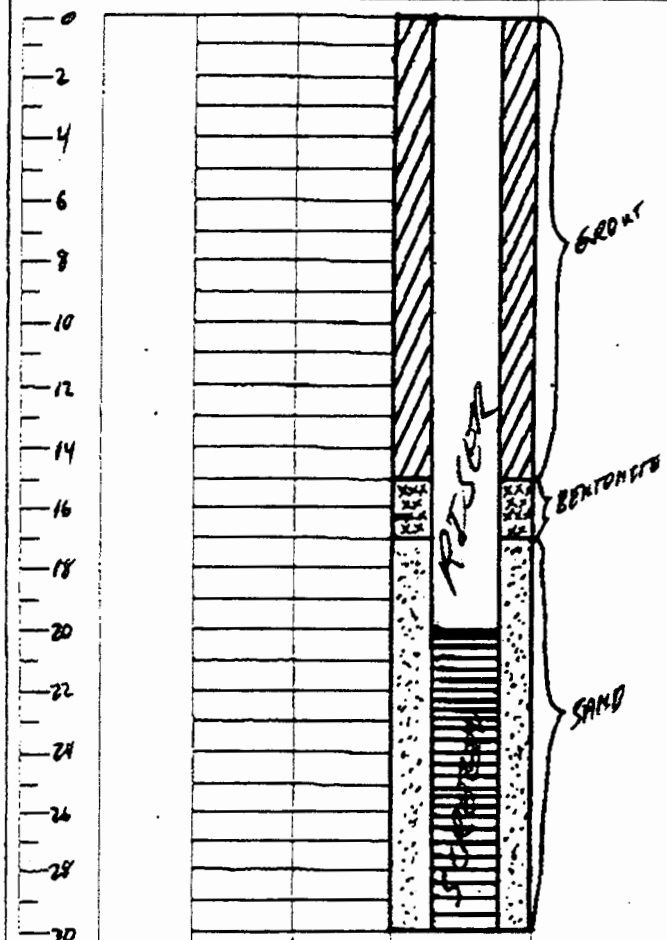
# BOREHOLE LOG

BORING NAME **PZ-7C**

CLIENT: NYS DEC
PROJECT: MR. C's CLEANERS
LOCATION: 586 MAIN ST, EAST AURORA, NY 14052

DATE STARTED/COMPLETED: 11/6/01 - 11/6/01
LOGGED BY: D. PERRUCCIO
DRILLER: NOTHNAGLE
RIG: MEDE-6-MEDE (MOBILE)

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |




Notes: ppm=parts per million, nd=not detected

Drawn by: A. Bilger

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20'-0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval: 30'-20'

**FILTER PACK**
Source: SAND
Composition:
Volume Used: 4 BAGS
Interval: 30'-17'

**GROUT / SEAL**
Type: BENT / GROUT
Volume Used: 1 BUCKET / 4 BAGS
Interval: 17'-15' / 15'-0'

**WELL HEAD COMPLETION**
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

**LEGEND**

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.8-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

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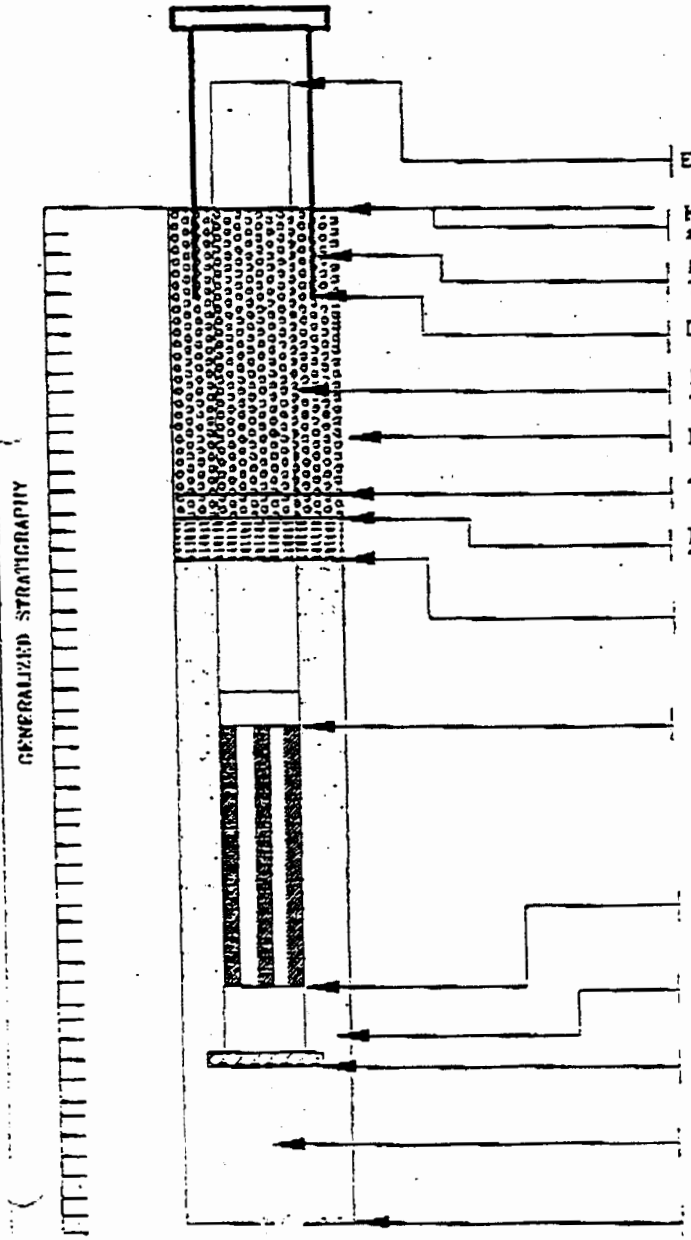
# WELL CONSTRUCTION DETAIL

PROJECT NAME MR. C's CLEANERS PROJECT # 017301

SITE 586 MAIN ST, EAST AURORA, NY 14052 WELL # PZ-7B

ADDRESS
(IF NOT SAME AS ABOVE)

DATE COMPLETED 10/30/01 SUPERVISED BY R. PERRUCCIO




ELEVATION OF REFERENCE POINT:

HEIGHT OF REFERENCE POINT ~~ABOVE~~ GROUND SURFACE:

DEPTH OF SURFACE SEAL: 3"
TYPE OF SURFACE SEAL: CONCRETE

DEPTH OF SURFACE CASING:

I.D. OF RISER PIPE: PZ-7B
TYPE OF RISER PIPE: SCH 40 PVC

DIAMETER OF BOREHOLE: 4.25"

TYPE OF FILLER: GROUT SLURRY

ELEVATION/DEPTH OF TOP OF SEAL: 15'
TYPE OF SEAL: BENTONITE

ELEVATION/DEPTH OF TOP OF SAND PACK: 17'
TYPE OF SAND PACK: #2 SAND

ELEVATION/DEPTH OF TOP OF SCREEN: 20'
DESCRIPTION OF SCREEN: 2" SCH 40 PVC 0.01" SLOT

ELEVATION/DEPTH OF BOTTOM OF SCREEN: 30'

ELEVATION/DEPTH OF BOTTOM OF SAND PACK: 30'

ELEVATION/DEPTH OF BOTTOM OF PLUGGED BLANK SECTION:

TYPE OF FILLER BELOW PLUGGED SECTION:

ELEVATION/DEPTH OF BOTTOM OF BOREHOLE: 21.0'

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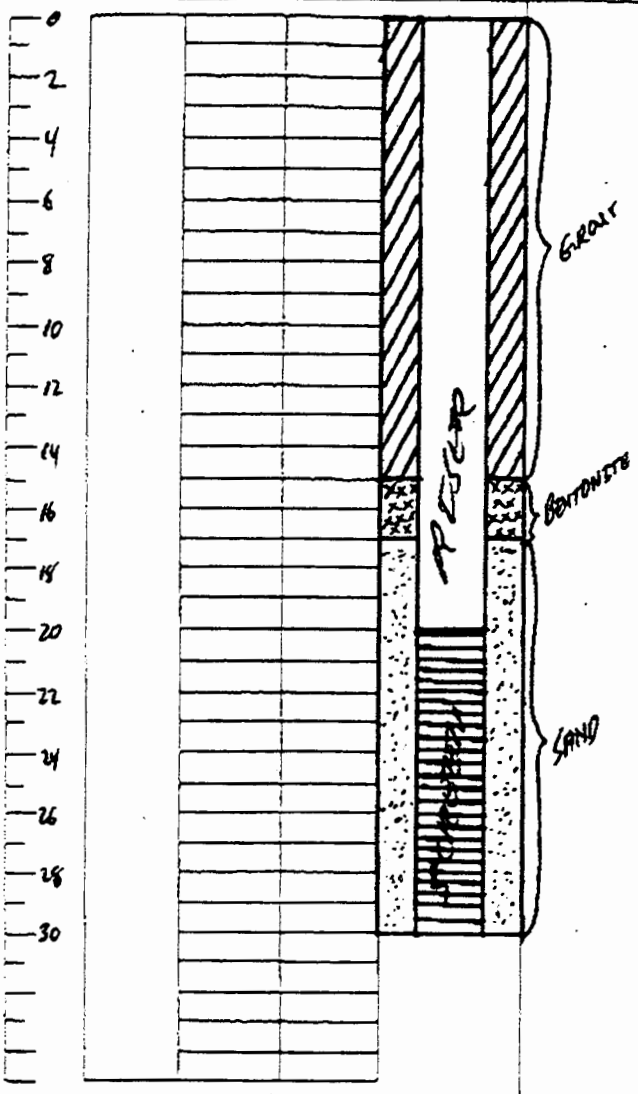
# BOREHOLE LOG

BORING NAME: PZ-7A

CLIENT: NYS DEC
PROJECT: MR. C's CLEANERS
LOCATION: 586 MAIN ST, EAST AURORA, NY 14052

DATE STARTED/COMPLETED: 11/6/01 - 11/6/01
LOGGED BY: R. PERRUCCIO
DRILLER: NOTHNAGLE
RIG: MOBILE B-61 (MOBILE)

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | |
| 14 | | | | | |
| 16 | | | | | |
| 18 | | | | | |
| 20 | | | | | |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | |
| 30 | | | | | |




Notes: ppm=parts per million, nd=not detected

Drawn by: A. Bilger

LEGEND

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.8-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 4.25"
Depth: 30'

**WELL DATA**
Riser Type: PVC
Riser Dia.: 2"
Riser Length: 20'
Interval: 20' - 0'

Screen Type: PVC
Screen Dia.: 2"
Screen Length: 10'
Slot: 0.010
Interval:

**FILTER PACK**
Source: SAND
Composition:
Volume Used: 4 BAGS
Interval: 30' - 17'

**GROUT / SEAL**
Type: BENTONITE/GROUT
Volume Used: 1 BUCKET/4 BAGS
Interval: 17'-15'/15'-0'

**WELL HEAD COMPLETION**
Manhole ☐ YES ☐ NO
Size:
Concrete Pad ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

36

Tyree Organization, Limited, Latham, NY

# BOREHOLE LOG

BORING NAME **PW-7**

CLIENT: NYS DEC
PROJECT: MR. C's CLEANERS
LOCATION: 586 MAIN ST, EAST AURORA, NY 14052

DATE STARTED/COMPLETED: 11/5/01 - 11/5/01
LOGGED BY: L. PERRUCCIO
DRILLER: NOTHNAGLE DRILLING
RIG: [illegible]

| Depth Below Grade | Sample Interval & Name | P.I.D. Reading (ppm) | Recovery (feet) | Borehole Completion | Field Description of Soil |
|---|---|---|---|---|---|
| 0 | | | | | SAND |
| 2 | | | | | |
| 4 | | | | | |
| 6 | | | | | GROUT |
| 8 | | | | | |
| 10 | | | | | |
| 12 | | | | | BENTONITE |
| 14 | | | | | |
| 16 | | | | | RISER |
| 18 | | | | | |
| 20 | | | | | SAND |
| 22 | | | | | |
| 24 | | | | | |
| 26 | | | | | |
| 28 | | | | | SUMP |
| 30 | | | | | |

Notes: ppm=parts per million, nd=not detected

Drawn by: A. Bilger

**BORE HOLE DATA**
Drilling Method: HSA
Hole Dia.: 6.25"
Depth: 30'

**WELL DATA**
Riser Type: STAINLESS STEEL
Riser Dia.: 4"
Riser Length: 18'
Interval: 18'-0'

Screen Type: STAINLESS STEEL
Screen Dia.: 4"
Screen Length: 10'
Slot: 0.010
Interval: 28'-18'

**FILTER PACK**
Source: SAND
Composition: $SiO_2$
Volume Used: 7 BAGS
Interval: 30'-15'

**GROUT / SEAL**
Type: BENT / GROUT / SAND
Volume Used: 1.5 BAG / 3 BAGS / 2 BAGS
Interval: 15'-13' / 13'-5' / 5'-0'

**WELL HEAD COMPLETION**
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

**WELL DEVELOPMENT**
Performed: ☐ YES ☐ NO
Method:
Amt. Purged:
Date:

**LEGEND**

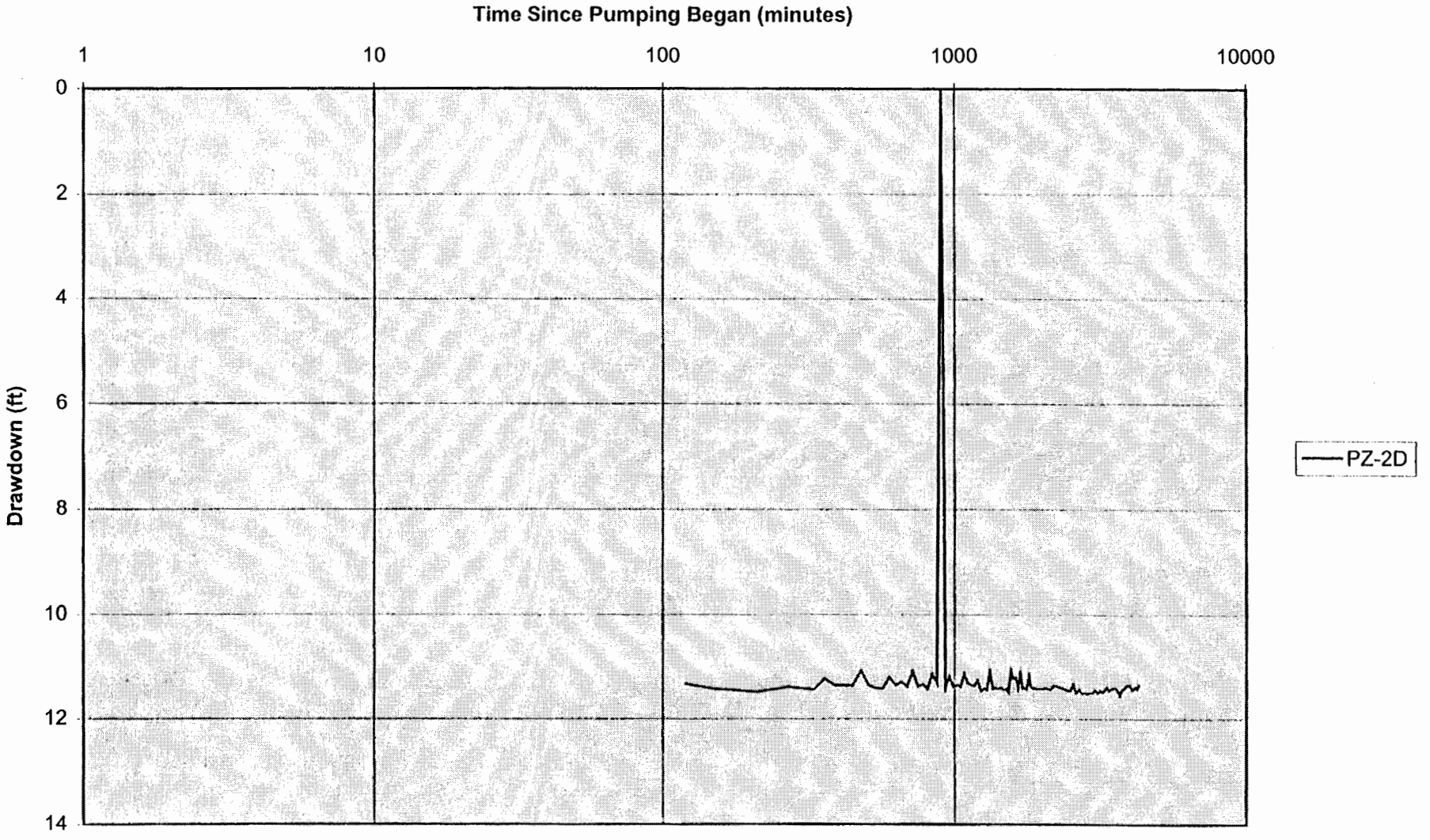
trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.8-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

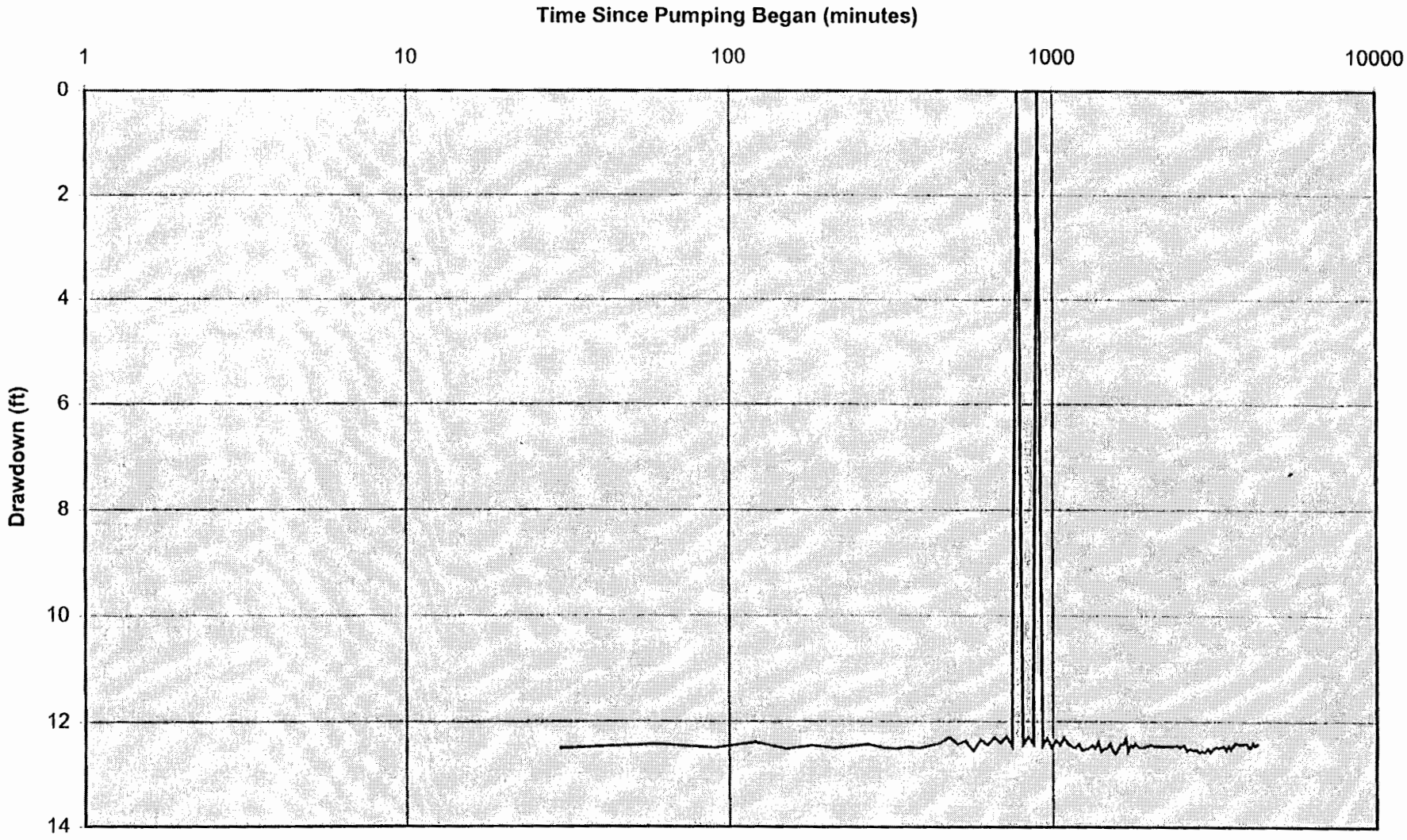
▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

37

## PW-2 Pump Test



## PW-2 Pump Test



**ecology and environment engineering, p.c.**
International Specialists in the Environment
Buffalo Corporate Center
368 Pleasant View Dr.
Lancaster, New York 14086
Phone: 716-684-8060 Fax: 716-684-0844

# Transmittal Form

**WE ARE SENDING TO: Name:** Mr. Dave Chiusano

**Company:** New York State DEC, Div. Of Env. Remediation, 12th Floor

**Address:** 625 Broadway, Albany, New York 12233-7010

| ☒ Attached | ☐ Under Separate Cover |
|---|---|

| | | |
|---|---|---|
| ____ Prints | _____ Copy of Approvals | ____ - Cost Estimate |
| ____ Project Information | _____ Samples | ____ - _____ |
| ____ Shop Drawings | _____ Change Orders | ____ - _____ |
| ____ Photos | ___X___ Other (explain) **Analyzes - Pump Tests** | |

| Copies | Date | No. | Description |
|---|---|---|---|
| 1 | 12/12/01 | | Mitchem Corp. Analytical results -VOCs and TICs for PW-2 and PW-3 |
| 1 | 12/12/01 | | Waste Stream Tech, Inc. Analytical results - 24 hour TAT Pumping Well RW-1. VOC analyzes |
| | | | |
| | | | |

**WE ARE TRANSMITTING as checked below:**

| | | |
|---|---|---|
| _____ __ For Approval | _____ For Your Use | _____Copies for Approval |
| ____X__ As Requested | _____ Returned from Loan | _____Copies for Distribution |
| _____ __ For Review and Comment | _____ Other (explain) | _____ Corrected Prints |

**REMARKS:** RW-1UW are results prior to startup of the pump test. RW-1A thru 1F are results taken every 12 hours per permit after carbon treatment for discharge.

Signed: Michael G. Steffan Dated: 12/12/01
ecology and environment engineering, p.c..

**COPY TO:** G. Jones, E&E Field office
CTF 000699.NY.06.02



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RECEIVED BY MCS DATE 12/12/01

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TEST BLANK

# ecology and environment, inc.

International Specialists in the Environment

BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060; Fax: 716/684-0844

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82443

Matrix: (soil/water) WATER Lab Sample ID: 82443003

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D4699

Level: (low/med) LOW Date Received: 12/05/01

% Moisture: not dec. _____ Date Analyzed: 12/07/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 1 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA



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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
UW-PW2

# ecology and environment, inc.

International Specialists in the Environment

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82443

BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Telephone: 716/684-8060 Fax: 716/684-0844

Lab Sample ID: 82443001

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D4726

Level: (low/med) LOW Date Received: 12/05/01

% Moisture: not dec. _____ Date Analyzed: 12/08/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 200 | U |
| 75-01-4 | Vinyl Chloride | 200 | U |
| 74-83-9 | Bromomethane | 200 | U |
| 75-00-3 | Chloroethane | 200 | U |
| 75-35-4 | 1,1-Dichloroethene | 200 | U |
| 67-64-1 | Acetone | 200 | U |
| 75-15-0 | Carbon Disulfide | 200 | U |
| 75-09-2 | Methylene Chloride | 200 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 200 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 200 | U |
| 75-34-3 | 1,1-Dichloroethane | 200 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 200 | U |
| 78-93-3 | 2-Butanone | 200 | U |
| 67-66-3 | Chloroform | 200 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 200 | U |
| 56-23-5 | Carbon Tetrachloride | 200 | U |
| 71-43-2 | Benzene | 200 | U |
| 107-06-2 | 1,2-Dichloroethane | 200 | U |
| 79-01-6 | Trichloroethene | 200 | U |
| 78-87-5 | 1,2-Dichloropropane | 200 | U |
| 75-27-4 | Bromodichloromethane | 200 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 200 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 200 | U |
| 108-88-3 | Toluene | 200 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 200 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 200 | U |
| 127-18-4 | Tetrachloroethene | 2200 | |
| 591-78-6 | 2-Hexanone | 200 | U |
| 124-48-1 | Dibromochloromethane | 200 | U |
| 108-90-7 | Chlorobenzene | 200 | U |
| 100-41-4 | Ethylbenzene | 200 | U |
| 1330-20-7 | Xylene (total) | 200 | U |
| 100-42-5 | Styrene | 200 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 200 | U |

FORM I VOA



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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
UW-PW3

ecology and environment, inc.
International Specialists in the Environment
BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82443

Matrix: (soil/water) WATER Lab Sample ID: 82443002

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: VSD4727

Level: (low/med) LOW Date Received: 12/05/01

% Moisture: not dec. _____ Date Analyzed: 12/08/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 100 | U |
| 75-01-4 | Vinyl Chloride | 100 | U |
| 74-83-9 | Bromomethane | 100 | U |
| 75-00-3 | Chloroethane | 100 | U |
| 75-35-4 | 1,1-Dichloroethene | 100 | U |
| 67-64-1 | Acetone | 100 | U |
| 75-15-0 | Carbon Disulfide | 100 | U |
| 75-09-2 | Methylene Chloride | 11 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 100 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 100 | U |
| 75-34-3 | 1,1-Dichloroethane | 100 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 100 | U |
| 78-93-3 | 2-Butanone | 100 | U |
| 67-66-3 | Chloroform | 100 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 100 | U |
| 56-23-5 | Carbon Tetrachloride | 100 | U |
| 71-43-2 | Benzene | 100 | U |
| 107-06-2 | 1,2-Dichloroethane | 100 | U |
| 79-01-6 | Trichloroethene | 100 | U |
| 78-87-5 | 1,2-Dichloropropane | 100 | U |
| 75-27-4 | Bromodichloromethane | 100 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 100 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 100 | U |
| 108-88-3 | Toluene | 100 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 100 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 100 | U |
| 127-18-4 | Tetrachloroethene | 1200 | |
| 591-78-6 | 2-Hexanone | 100 | U |
| 124-48-1 | Dibromochloromethane | 100 | U |
| 108-90-7 | Chlorobenzene | 100 | U |
| 100-41-4 | Ethylbenzene | 100 | U |
| 1330-20-7 | Xylene (total) | 100 | U |
| 100-42-5 | Styrene | 100 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 100 | U |

FORM 1 VOA



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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TEST BLANK

ecology and environment, inc.
International Specialists in the Environment
BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Telephone: 716/684-8060, Fax: 716/684-0844

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82443

Matrix: (soil/water) WATER Lab Sample ID: 82443003

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D4699

Level: (low/med) LOW Date Received: 12/05/01

% Moisture: not dec. _____ Date Analyzed: 12/07/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | 115 10-6 | DIMETHYL ETHER | 2.83 | 40 | NJ |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |
| 10. | | | | | |
| 11. | | | | | |
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| 30. | | | | | |

FORM I VOA-TIC



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BY MGS DATE 12/12/01

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
UW-PW2

ecology and environment, inc.
International Specialists in the Environment
BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82443

Matrix: (soil/water) WATER Lab Sample ID: 82443001

Sample wt./vol: 5.000 (g/mL) ML Lab File ID: V5D4726

Level: (low/med) LOW Date Received: 12/05/01

% Moisture: not dec. _____ Date Analyzed: 12/06/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | 115-10-6 | DIMETHYL ETHER | 2.82 | 830 | NJ |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
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FORM I VOA-TIC



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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

UW-PW3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: 82443

Matrix: (soil/water) WATER Lab Sample ID: 82443002

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: VSD4727

Level: (low/med) LOW Date Received: 12/05/01

% Moisture: not dec. _____ Date Analyzed: 12/08/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
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| 28. | | | | | |
| 29. | | | | | |
| 30. | | | | | |

FORM I VOA-TIC

**WASTE STREAM TECHNOLOGY, INC.**
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

RECEIVED
BY MGS | DATE 12/12/01

**Analytical Data Report**
Report Date : 11/16/01
Group Number : 2011-2743

REC'D NOV 21 2001

Prepared For :
Mr. Phil Holloway
Tyree Organization
4 Northway Lane
Latham, NY 12110
Fax: (518) 786-7351

Site: Tyree

| Analytical Parameters | Analytical Services Number of Samples | Turnaround Time |
|---|---|---|
| 8260 | 1 | 1 Business Day |

Copy for
Greg Jones
submittal
transmittal to Dave.

**Report Released By :** Daniel W. Vollmer
Daniel Vollmer, Laboratory QA/QC Officer

**ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS**
**NYSDOH ELAP #11179 NJDEPE #73977**

**Waste Stream Technology, Inc.**
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

## Analytical Data Report

Group Number: 2011-2743
Site: Tyree

## Field and Laboratory Information

| WST ID | Client ID | Matrix | Date Sampled | Date Received | Time |
|---|---|---|---|---|---|
| WS89149 | RW-1UW | Aqueous | 11/15/01 | 11/15/01 | 16:30 |

# METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW, Washington, D.C. 20036.

# ORGANIC DATA QUALIFIERS

**U -** Indicates compound was analyzed for but not detected.

**J -** Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.

**C -** This flag applies to pesticide results where the identification has been confirmed by GC/MS.

**B -** This flag is used when the analyte is found in the associated blank as well as the sample.

**E -** This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.

**D -** This flag identifies all compounds identified in an analysis at a secondary dilution factor.

**G -** Matrix spike recovery is greater than the expected upper limit of analytical performance.

**L -** Matrix spike recovery is less than the expected lower limit of analytical performance.

**# -** Indicates that a surrogate recovery was found to be outside the expected limits of analytical performance.

**$ -** Indicates that the surrogate compound was diluted out. The sample had to be diluted to obtain analytical results and a recovery could not be calculated.

**(%) -** Indicates that the compound is a surrogate and that the value reported for this compound is in percent recovery. The quality control recovery limits are indicated in the detection limit or QC limits column.

# Waste Stream Technology, Inc.

## Volatile Organics in Water

### SW-846 8260B

Site: Tyree
Date Sampled: 11/15/01
Date Received: 11/15/01

Group Number: 2011-2743
Units: µg/L
Matrix: Aqueous

WST ID: WS89149
Client ID: RW-1UW
Extraction Date: NA
Date Analyzed: 11/16/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| dichlorodifluoromethane | 2 | Not detected | | U |
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| trichlorofluoromethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| methyl-t-butyl ether | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | 2090 | | D |
| 2,2-dichloropropane | 1 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | 3 | | |
| chloroform | 1 | Not detected | | U |
| bromochloromethane | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | 1 | | |
| carbon tetrachloride | 1 | Not detected | | U |
| 1,1-dichloropropene | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | 3 | | |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | 198 | | |
| 1,3-dichloropropane | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| 1,2-dibromoethane | 1 | Not detected | | U |
| 1-chlorohexane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| 1,1,1,2-tetrachloroethane | 1 | Not detected | | U |
| ethylbenzene | 1 | 1 | | |



WASTE STREAM TECHNOLOGY

# Waste Stream Technology, Inc.

## Volatile Organics in Water

### SW-846 8260B

Site: Tyree
Date Sampled: 11/15/01
Date Received: 11/15/01

Group Number: 2011-2743
Units: µg/L
Matrix: Aqueo

WST ID: WS89149
Client ID: RW-1UW
Extraction Date: NA
Date Analyzed: 11/16/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| m,p-xylene | 1 | 3 | | |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| isopropylbenzene | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| bromobenzene | 1 | Not detected | | U |
| 1,2,3-trichloropropane | 1 | Not detected | | U |
| n-propylbenzene | 1 | 2 | | |
| 2-chlorotoluene | 1 | Not detected | | U |
| 1,3,5-trimethylbenzene | 1 | Not detected | | U |
| 4-chlorotoluene | 1 | Not detected | | U |
| tert-butylbenzene | 1 | Not detected | | U |
| 1,2,4-trimethylbenzene | 1 | 4 | | |
| sec-butylbenzene | 1 | Not detected | | U |
| p-isopropyltoluene | 1 | Not detected | | U |
| 1,3-dichlorobenzene | 1 | Not detected | | U |
| 1,4-dichlorobenzene | 1 | Not detected | | U |
| n-butylbenzene | 1 | Not detected | | U |
| 1,2-dichlorobenzene | 1 | Not detected | | U |
| 1,2-dibromo-3-chloropropane | 10 | Not detected | | U |
| 1,2,4-trichlorobenzene | 1 | Not detected | | U |
| hexachlorobutadiene | 1 | Not detected | | U |
| naphthalene | 1 | 4 | | |
| 1,2,3-trichlorobenzene | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 91 | 76-119 | |
| Toluene-d8 (%) | | 96 | 82-117 | |
| Bromofluorobenzene (%) | | 100 | 80-117 | |

**Dilution Factor** 1

# Waste Stream Technology, Inc.

## VOC Water Method Blank

### SW-846 8260B

Site: Tyree
Date Sampled: NA
Date Received: NA

Group Number: 2011-2743
Units: µg/L

WST ID: MB111601
Client ID: NA
Extraction Date: NA
Date Analyzed: 11/16/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| dichlorodifluoromethane | 2 | Not detected | | U |
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| trichlorofluoromethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| methyl-t-butyl ether | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| 2,2-dichloropropane | 1 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| bromochloromethane | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| 1,1-dichloropropene | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| 1,3-dichloropropane | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| 1,2-dibromoethane | 1 | Not detected | | U |
| 1-chlorohexane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| 1,1,1,2-tetrachloroethane | 1 | Not detected | | U |

# Waste Stream Technology, Inc.

## VOC Water Method Blank

### SW-846 8260B

Site: Tyree
Date Sampled: NA
Date Received: NA

Group Number: 2011-2743
Units: µg/L

WST ID: MB111601
Client ID: NA
Extraction Date: NA
Date Analyzed: 11/16/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| isopropylbenzene | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| bromobenzene | 1 | Not detected | | U |
| 1,2,3-trichloropropane | 1 | Not detected | | U |
| n-propylbenzene | 1 | Not detected | | U |
| 2-chlorotoluene | 1 | Not detected | | U |
| 1,3,5-trimethylbenzene | 1 | Not detected | | U |
| 4-chlorotoluene | 1 | Not detected | | U |
| tert-butylbenzene | 1 | Not detected | | U |
| 1,2,4-trimethylbenzene | 1 | Not detected | | U |
| sec-butylbenzene | 1 | Not detected | | U |
| p-isopropyltoluene | 1 | Not detected | | U |
| 1,3-dichlorobenzene | 1 | Not detected | | U |
| 1,4-dichlorobenzene | 1 | Not detected | | U |
| n-butylbenzene | 1 | Not detected | | U |
| 1,2-dichlorobenzene | 1 | Not detected | | U |
| 1,2-dibromo-3-chloropropane | 10 | Not detected | | U |
| 1,2,4-trichlorobenzene | 1 | Not detected | | U |
| hexachlorobutadiene | 1 | Not detected | | U |
| naphthalene | 1 | Not detected | | U |
| 1,2,3-trichlorobenzene | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 100 | 76-119 | |
| Toluene-d8 (%) | | 96 | 82-117 | |
| Bromofluorobenzene (%) | | 98 | 80-117 | |

**Dilution Factor** 1

MB denotes Method Blank
NA denotes Not Applicable

# CHAIN OF CUSTODY

TECHNOLOGY

**Waste Stream Technology Inc.**
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY
GROUP # 2011-2743
DUE DATE

PAGE ____ OF ____

REPORT TO: Tyree
Phil Hullaway
4 Heathway Trail
Luther NY 12110
CONTACT
PH. # ( ) 518 786 3200
FAX # ( ) 518 786 7351
BILL TO:
PO#
PROJECT DESCRIPTION
SAMPLER SIGNATURE

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

TURN AROUND TIME: 24 hr
QUOTATION NUMBER:

ARE SPECIAL DETECTION LIMITS REQUIRED:
YES NO
If yes please attach requirements.

Is a QC Package required:
YES NO
If yes please attach requirements

| | SAMPLE I.D. | DATE SAMPLED | TIME OF SAMPLING | SAMPLE TYPE | TOTAL NO. OF CONTAINERS | ANALYSES TO BE PERFORMED: 8260 | | | | | | | | | | TYPE OF CONTAINER/ COMMENTS: | OFFICE USE ONLY WST. I.D. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RW-1 low | 11:15 | 12:05 | G | 3 24hr | | | | | | | | | | | | 59140 |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

REMARKS:

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
|---|---|---|---|---|---|
| | 11/15/01 | 16:30 | | 11/15/01 | 16:30 |
| RELINQUISHED BY: | DATE: / / | TIME: | RECEIVED BY: | DATE: / / | TIME: |

**WASTE STREAM TECHNOLOGY, INC.**
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

RECEIVED
BY MGS DATE 12/12/01

**Analytical Data Report**
Report Date : 11/19/01
Group Number : 2011-2762

Prepared For :
Mr. Phil Holloway
Tyree Organization
4 Northway Lane
Latham, NY 12110
Fax: (518) 786-7351

Site: Tyree

| Analytical Parameters | Analytical Services Number of Samples | Turnaround Time |
|---|---|---|
| 8260 TCL | 4 | 1 Business Day |

**Report Released By :** Daniel W. Vollmer
Daniel W. Vollmer, Laboratory QA/QC Officer

**ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS**
**NYSDOH ELAP #11179 NJDEPE #73977**

ACCREDITED IN ACCORDANCE WITH nelac



WASTE STREAM TECHNOLOGY

**Waste Stream Technology, Inc.**
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

## Analytical Data Report

Site: Tyree

## Field and Laboratory Information

| WST ID | Client ID | Group Number | Matrix | Date (Sampled / Received) | | Time |
|---|---|---|---|---|---|---|
| WS89250 | RW-1-A | 2011-2762 | Aqueous | 11/16/01 | 11/17/01 | 16:06 |
| WS89251 | RW-1-B | 2011-2762 | Aqueous | 11/17/01 | 11/17/01 | 16:06 |
| WS89252 | RW-1-C | 2011-2762 | Aqueous | 11/17/01 | 11/18/01 | 13:00 |
| WS89253 | RW-1-D | 2011-2762 | Aqueous | 11/18/01 | 11/18/01 | 13:00 |

# METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW, Washington, D.C. 20036.

# ORGANIC DATA QUALIFIERS

**U -** Indicates compound was analyzed for but not detected.

**J -** Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.

**C -** This flag applies to pesticide results where the identification has been confirmed by GC/MS.

**B -** This flag is used when the analyte is found in the associated blank as well as the sample.

**E -** This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.

**D -** This flag identifies all compounds identified in an analysis at a secondary dilution factor.

**G -** Matrix spike recovery is greater than the expected upper limit of analytical performance.

**L -** Matrix spike recovery is less than the expected lower limit of analytical performance.

**# -** Indicates that a surrogate recovery was found to be outside the expected limits of analytical performance.

**$ -** Indicates that the surrogate compound was diluted out. The sample had to be diluted to obtain analytical results and a recovery could not be calculated.

**(%) -** Indicates that the compound is a surrogate and that the value reported for this compound is in percent recovery. The quality control recovery limits are indicated in the detection limit or QC limits column.

# Waste Stream Technology, Inc.

## Volatile Organics Analysis

### SW-846 8260B

Site: Tyree
Date Sampled: 11/16/01
Date Received: 11/17/01

Group Number: 2011-2762
Units: µg/L
Matrix: Aqueous

WST ID: WS89250
Client ID: RW-1-A
Extraction Date: NA
Date Analyzed: 11/17/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | 1 | | |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 99 | 76-119 | |
| Toluene-d8 (%) | | 96 | 80-117 | |
| Bromofluorobenzene (%) | | 98 | 82-117 | |
| **Dilution Factor** | 1 | | | |

# Waste Stream Technology, Inc.

## Volatile Organics Analysis

### SW-846 8260B

Site: Tyree
Date Sampled: 11/17/01
Date Received: 11/17/01

Group Number: 2011-2762
Units: µg/L
Matrix: Aqueou

WST ID: WS89251
Client ID: RW-1-B
Extraction Date: NA
Date Analyzed: 11/17/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 99 | 76-119 | |
| Toluene-d8 (%) | | 97 | 80-117 | |
| Bromofluorobenzene (%) | | 100 | 82-117 | |

**Dilution Factor** 1

# Waste Stream Technology, Inc.

## Volatile Organics Analysis

### SW-846 8260B

Site: Tyree
Date Sampled: 11/17/01
Date Received: 11/18/01

Group Number: 2011-2762
Units: µg/L
Matrix: Aqueous

WST ID: WS89252
Client ID: RW-1-C
Extraction Date: NA
Date Analyzed: 11/18/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 100 | 76-119 | |
| Toluene-d8 (%) | | 98 | 80-117 | |
| Bromofluorobenzene (%) | | 99 | 82-117 | |
| **Dilution Factor** | 1 | | | |

# Waste Stream Technology, Inc.

## Volatile Organics Analysis

### SW-846 8260B

Site: Tyree
Date Sampled: 11/18/01
Date Received: 11/18/01

Group Number: 2011-2762
Units: µg/L
Matrix: Aquec

WST ID: WS89253
Client ID: RW-1-D
Extraction Date: NA
Date Analyzed: 11/18/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 100 | 76-119 | |
| Toluene-d8 (%) | | 97 | 80-117 | |
| Bromofluorobenzene (%) | | 99 | 82-117 | |
| **Dilution Factor** | **1** | | | |

# Waste Stream Technology, Inc.

## VOC Water Method Blank

### SW-846 8260B

Site: Tyree
Date Sampled: NA
Date Received: NA

Group Number: 2011-2762
Units: µg/L

WST ID: MB111801
Client ID: NA
Extraction Date: NA
Date Analyzed: 11/18/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 100 | 76-119 | |
| Toluene-d8 (%) | | 98 | 80-117 | |
| Bromofluorobenzene (%) | | 98 | 82-117 | |

**Dilution Factor** 1
MB denotes Method Blank
NA denotes Not Applicable

# CHAIN OF CUSTODY

**Waste Stream Technology Inc.**
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY
GROUP # 2011-2762
DUE DATE

PAGE 1 OF 1

REPORT TO: Phil Holloway
4 Northway Lane
Latham, NY 12110

CONTACT
PH. # ( )
FAX # ( )
BILL TO:
PO#
PROJECT DESCRIPTION: Mr. C's
SAMPLER SIGNATURE

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

TURN AROUND TIME: 24 hr.
QUOTATION NUMBER:

ARE SPECIAL DETECTION LIMITS REQUIRED: YES (NO)
If yes please attach requirements.

Is a QC Package required: YES (NO)
If yes please attach requirements

ANALYSES TO BE PERFORMED

| | SAMPLE I.D. | DATE SAMPLED | TIME OF SAMPLING | SAMPLE TYPE | TOTAL NO. OF CONTAINERS | | 8260 TCL | | | | | | | | | TYPE OF CONTAINER/ COMMENTS: | OFFICE USE ONLY WST. I.D. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RW-1A | 11-16 | 1800 | GW | 1 | | ✓ | | | | | | | | | VOA | WS89259 |
| 2 | RW-1B | 11-17 | 1000 | GW | 1 | | ✓ | | | | | | | | | VOA | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

REMARKS: Fax results to: Phil Holloway 518 786 7351
David Parker 716 652 9854

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
|---|---|---|---|---|---|
| | 11/17/01 | | | 11/17/01 | 16:00 |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
| | 11/17/01 | 17:00 | | / / | |

# CHAIN OF CUSTODY

WASTE STREAM TECHNOLOGY

**Waste Stream Technology Inc.**
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

**OFFICE USE ONLY**
GROUP # 9911-2762
DUE DATE

PAGE 1 OF 1

ARE SPECIAL DETECTION LIMITS REQUIRED:
YES (NO)
If yes please attach requirements.

TURN AROUND TIME: 24 hr.
QUOTATION NUMBER:

Is a QC Package required:
YES (NO)
If yes please attach requirements

REPORT TO: Phil Holloway
4 Northway Lane
Latham, NY 12110

CONTACT Phil Holloway
PH.#( ) 518-786-3200
FAX #( ) 518-786-7351
BILL TO:

PO#

PROJECT DESCRIPTION: Mr. C's

SAMPLER SIGNATURE

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

| | SAMPLE I.D. | DATE SAMPLED | TIME OF SAMPLING | SAMPLE TYPE | TOTAL NO. OF CONTAINERS | ANALYSES TO BE PERFORMED: 8260 TCL | TYPE OF CONTAINER/ COMMENTS: | OFFICE USE ONLY WST. I.D. |
|---|---|---|---|---|---|---|---|---|
| 1 | RW-1-C | 11-17-01 | 2000 | GW | 1 | | VOA - Hcl | WS89252 |
| 2 | RW-1-D | 11-18-01 | 1000 | GW | 1 | | VOA - Hcl | L 53 |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |

REMARKS:

FAX results to: Phil Holloway 518-786-7351
David Pechan 716-652-7854

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
|---|---|---|---|---|---|
| | 11/19/01 | | | 11/20/01 | 13:00 |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
| | 11/19/01 | 14:00 | | / / | |

**WASTE STREAM TECHNOLOGY, INC.**
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

**RECEIVED**
BY MGS DATE 12/12/01

**Analytical Data Report**
Report Date : 11/20/01
Group Number : 2011-2765

Prepared For :
Mr. Phil Holloway
Tyree Organization
4 Northway Lane
Latham, NY 12110
Fax: (518) 786-7351

Site: Mr. C's

| Analytical Parameters | Analytical Services Number of Samples | Turnaround Time |
|---|---|---|
| 8260 TCL | 2 | 1 Business Day |

**Report Released By :** Daniel W. Vollmer

Daniel W. Vollmer, Laboratory QA/QC Officer

**ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS**
**NYSDOH ELAP #11179 NJDEPE #73977**

**Waste Stream Technology, Inc.**
302 Grote Street
Buffalo, NY 14207
(716) 876-5290

## Analytical Data Report

Group Number: 2011-2765
Site: Mr. C's

## Field and Laboratory Information

| WST ID | Client ID | Matrix | Date Sampled | Date Received | Time |
|---|---|---|---|---|---|
| WS89259 | RW-1-E | Aqueous | 11/18/01 | 11/19/01 | 10:30 |
| WS89260 | RW-1-F | Aqueous | 11/19/01 | 11/19/01 | 10:30 |

# METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW, Washington, D.C. 20036.



WASTE STREAM TECHNOLOGY

# ORGANIC DATA QUALIFIERS

**U -** Indicates compound was analyzed for but not detected.

**J -** Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.

**C -** This flag applies to pesticide results where the identification has been confirmed by GC/MS.

**B -** This flag is used when the analyte is found in the associated blank as well as the sample.

**E -** This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.

**D -** This flag identifies all compounds identified in an analysis at a secondary dilution factor.

**G -** Matrix spike recovery is greater than the expected upper limit of analytical performance.

**L -** Matrix spike recovery is less than the expected lower limit of analytical performance.

**# -** Indicates that a surrogate recovery was found to be outside the expected limits of analytical performance.

**$ -** Indicates that the surrogate compound was diluted out. The sample had to be diluted to obtain analytical results and a recovery could not be calculated.

**(%) -** Indicates that the compound is a surrogate and that the value reported for this compound is in percent recovery. The quality control recovery limits are indicated in the detection limit or QC limits column.



WASTE STREAM TECHNOLOGY

# Waste Stream Technology, Inc.

## Volatile Organics Analysis

### SW-846 8260B

Site: Mr. C's
Date Sampled: 11/18/01
Date Received: 11/19/01

Group Number: 2011-2765
Units: µg/L
Matrix: Aqueous

WST ID: WS89259
Client ID: RW-1-E
Extraction Date:
Date Analyzed: 11/19/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 101 | 76-119 | |
| Toluene-d8 (%) | | 98 | 80-117 | |
| Bromofluorobenzene (%) | | 102 | 82-117 | |
| **Dilution Factor** | 1 | | | |

# Waste Stream Technology, Inc.

## Volatile Organics Analysis

### SW-846 8260B

Site: Mr. C's
Date Sampled: 11/19/01
Date Received: 11/19/01

Group Number: 2011-2765
Units: µg/L
Matrix: Aqueo

WST ID: WS89260
Client ID: RW-1-F
Extraction Date:
Date Analyzed: 11/19/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 100 | 76-119 | |
| Toluene-d8 (%) | | 98 | 80-117 | |
| Bromofluorobenzene (%) | | 100 | 82-117 | |
| **Dilution Factor** | 1 | | | |

# Waste Stream Technology, Inc.

## VOC Water Method Blank

### SW-846 8260B

Site: Mr. C's
Date Sampled: NA
Date Received: NA

Group Number: 2011-2765
Units: µg/L

WST ID: MB111901
Client ID: NA
Extraction Date: NA
Date Analyzed: 11/19/01

| Compound | Detection Limit | Result | QC Limits (%) | Qualifier |
|---|---|---|---|---|
| chloromethane | 2 | Not detected | | U |
| vinyl chloride | 2 | Not detected | | U |
| bromomethane | 2 | Not detected | | U |
| chloroethane | 2 | Not detected | | U |
| 1,1-dichloroethene | 1 | Not detected | | U |
| acetone | 10 | Not detected | | U |
| carbon disulfide | 1 | Not detected | | U |
| methylene chloride | 1 | Not detected | | U |
| trans-1,2-dichloroethene | 1 | Not detected | | U |
| 1,1-dichloroethane | 1 | Not detected | | U |
| vinyl acetate | 10 | Not detected | | U |
| 2-butanone | 10 | Not detected | | U |
| cis-1,2-dichloroethene | 1 | Not detected | | U |
| chloroform | 1 | Not detected | | U |
| 1,1,1-trichloroethane | 1 | Not detected | | U |
| carbon tetrachloride | 1 | Not detected | | U |
| benzene | 1 | Not detected | | U |
| 1,2-dichloroethane | 1 | Not detected | | U |
| trichloroethene | 1 | Not detected | | U |
| 1,2-dichloropropane | 1 | Not detected | | U |
| bromodichloromethane | 1 | Not detected | | U |
| 2-chloroethylvinyl ether | 10 | Not detected | | U |
| 4-methyl-2-pentanone | 10 | Not detected | | U |
| cis-1,3-dichloropropene | 1 | Not detected | | U |
| toluene | 1 | Not detected | | U |
| trans-1,3-dichloropropene | 1 | Not detected | | U |
| 1,1,2-trichloroethane | 1 | Not detected | | U |
| 2-hexanone | 10 | Not detected | | U |
| tetrachloroethene | 1 | Not detected | | U |
| dibromochloromethane | 1 | Not detected | | U |
| chlorobenzene | 1 | Not detected | | U |
| ethylbenzene | 1 | Not detected | | U |
| m,p-xylene | 1 | Not detected | | U |
| o-xylene | 1 | Not detected | | U |
| styrene | 1 | Not detected | | U |
| bromoform | 1 | Not detected | | U |
| 1,1,2,2-tetrachloroethane | 1 | Not detected | | U |
| 1,2-Dichloroethane-d4 (%) | | 98 | 76-119 | |
| Toluene-d8 (%) | | 97 | 80-117 | |
| Bromofluorobenzene (%) | | 100 | 82-117 | |

**Dilution Factor 1**
MB denotes Method Blank
NA denotes Not Applicable

# CHAIN OF CUSTODY

**Waste Stream Technology Inc.**
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY
GROUP # 2011-2765
DUE DATE

PAGE 1 OF 1

REPORT TO: Phil Holloway
4 Northway Lane
Latham, NY 12110

CONTACT Phil Holloway
PH. # ( ) 518-786-3200
FAX # ( ) 518-786-7351
BILL TO:
PO#
PROJECT DESCRIPTION: Mr. C's
SAMPLER SIGNATURE

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

TURN AROUND TIME: 24 hr.
QUOTATION NUMBER:

ARE SPECIAL DETECTION LIMITS REQUIRED: YES (NO)
If yes please attach requirements.

Is a QC Package required: YES (NO)
If yes please attach requirements

| | SAMPLE I.D. | DATE SAMPLED | TIME OF SAMPLING | SAMPLE TYPE | TOTAL NO. OF CONTAINERS | | 8260 TCL | | | | | | | | | TYPE OF CONTAINER/ COMMENTS: | OFFICE USE ONLY WST. I.D. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ANALYSES TO BE PERFORMED | | | | | | | | | | |
| 1 | RW-1-E | 11-18-01 | 2000 | GW | 1 | | ✓ | | | | | | | | | VOA HCl | W-33355-01-80 |
| 2 | RW-1-F | 11-19-01 | 0800 | GW | 1 | | ✓ | | | | | | | | | VOA HCl | W-33366-01-80 |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

REMARKS: FAX results to Phil Holloway - 518-786-7351
DW Project - 716-652-7854

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
|---|---|---|---|---|---|
| | 11/19/01 | 10:30 am | | 11/19/01 | 10:30 |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: | DATE: | TIME: |
| | / / | | | / / | |

MS.

ecology and environment engineering, p.c.

BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

January 30, 2002

Mr. Philip Holloway, Project Manager
The Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110

Re: Review and Evaluation of Pump Test Data
Mr C's Dry Cleaner Site, NYSDEC Project #9-15-157, Contract #D004180

Dear Mr. Holloway:

Please recall that Tyree was initially directed at the Progress Meeting # 4 held on November 28, 2001, (Refer to approved Progress Meeting minutes # 4, dated 12/11/01, Item #6, bullet No. 4) to perform the additional pumping test at the subject site on PW-7 as a result of a low draw down influence from the pump test performed on PW-2. The conditions of testing were to be performed under the same technical specifications in the Contract Documents as a potential change order (PCO) to the project.

With that in mind, Ecology and Environment Engineering, PC (E&E) has completed a review of the initial 72 hour pump test results and the subsequent short term pump test results from the subject site's pumping wells RW-1, PW-2, PW-5, and PW-7 which were received from the Tyree Organization, Ltd. (Tyree) on December 10, 2001 (Tyree submittal #024). Based upon our review we have identified several potential deficiencies that require further clarification and re-submission.

Prior to assembling these comments, E&E also reviewed the pump test technical specifications from the October 2000 NYSDEC Contract Documents. In comparing the pump test specifications with all the pump test data submitted including PW-7, the following deficiencies were noted requiring further clarification and re-submission of information by Tyree:

- According to Section 02660, Part 1, Article 1.3 - Submittals, Tyree was to submit well logs showing the thickness and depth of the various strata encountered, depth of water bearing zones, and schematic of final well completion. The information received by E&E on December 10, 2001(Tyree submittal #024) is incomplete. Of the 37 wells/piezometers installed only eight well/piezometer logs were submitted. Of the eight, only two had lithologic descriptions (the description column on the other log forms were blank). In order to fully evaluate the pump test data, complete lithologic descriptions need to be submitted for all pump wells and piezometers.

recycled paper

- According to Section 02660, Part 3, Article 3.1 - Installation of Pumping Well RW-1/PW-1 and Article 3.2 - Installation of Pumping Wells PW-2 through PW-8, the total depth of pumping wells are to be two feet into the relatively coarse outwash deposits that are expected to be 28 feet below grade, bringing the total depth of the pumping well to be 30 feet below grade. Without complete lithologic descriptions in the drilling logs it cannot be determined if the conditions of the contract have been met.

- According to Section 02660, Part 3, Article 3.6 - Hydrogeological Testing, water levels were to be monitored during the performance of each test at the pumping well, four associated piezometers, and the paired pumping well. Tyree must conduct pumping tests as specified without interruptions or fluctuations that may affect the accuracy of the results. The pump test information submitted by Tyree indicates that only the pumping well and three piezometers were monitored in two of the four tests (RW-1 And PW-5). The test results for PW-5 show significant fluctuations, and the test graph on PW-7 show that the pump was down three times during the test. The cause and the affect on the results of these problems was not explained.

- With respect to the specifications, Part 3, Article 3.6.E -Testing Methods, Step drawdown testing was specified and utilized per the report submittal, but was never submitted for review and evaluation. Submit the step drawdown testing results for review and evaluation.

In order to properly evaluate the pump test data and as a matter of good practice, the following information is required to be submitted to the Engineer by Tyree as soon as possible:

- Complete and legible drill logs (containing lithologic descriptions) for pumping wells and piezometers. Tested and non-tested units.
- Well/piezometer construction diagram showing installation into the outwash deposits.
- Water level measurements in the pumping wells and affected piezometers during all four pumping tests.
- Step drawdown data for each of the flow rates as part of the step drawdown tests as discussed in the 12/4/01 results report. (Drawdown for only one continuous flow rate was provided).
- Results of periodic water level measurements taken with a water level indicator to verify that the dataloggers were working properly during each test.
- Results of barometric pressure records taken for each pump test.
- Synchronization results to verify that the dataloggers were started and ended together for each of the pumping tests.
- Datalogging records to verify that water level measurements were all taken at the same time.
- Records of how the flow rates were measured and controlled for each test.
- An explanation of the source of noise found during the PW-5 pump test.
- An explanation of during the short test for PW-7 why there is no drawdown in the first 50 minutes and a six foot drawdown at 60 minutes.

- The individual piezometer curves for the PW-7 test were not labeled, therefore it is not known which test they represent. In presentation of the data, the scales for PZ-7B and PZ-7C show 5 minute intervals for only 50 minutes, whereas PZ-7A and PZ-7D show 50 minute intervals for 250 and 350 minutes, why are intervals so different? The initial drawdown in PZ-7B and PZ-7C indicates 0.5 feet within the first 5 minutes of the test, and no further drawdown, whereas PZ-7A and PZ-7D show no drawdown in the first 50 minutes and then continuous drawdown for about 200 minutes into the test. Can it be explained why there is so much variation in drawdown between piezometers? Can this issue be explained as a part of equipment problems?
- Submit recovery data recorded and processed for each of the four pump tests performed.

The above information is being requested to determine if the pump tests fulfill Tyree's obligations required by the Contract Documents and technical specifications. The submittal results information dated 12/4/01 (Tyree submittal # 024) is rejected at this time. The short term pumping test for PW-7 faxed to our office on 12/7/01 was not properly submitted and is rejected in form and technical content. As previously mentioned at the November progress meeting these pump tests and results are very important to the success of the project and must be performed accurately and with the best technical practices - field and reporting. Where the responses to the question above or the submittal of the required information after further review does not fulfill the contract obligations, Tyree will be requested to perform selected pump tests again at their own expense.

If you have any further questions or clarifications as a result of this determination, please call me 716-684-8060

Sincerely,

Michael G. Steffan

Michael G. Steffan
Project Manager

cc: D. Miller, Buffalo - E&E
G. Jones, E&E Site Representative
G. Harris - NYSDEC, Albany
D. Chiusano, NYSDEC, Albany
B. Brown, NYSDEC, Albany
G. Sutton - NYSDEC, Region 9 Buffalo
CTF 000699.NY06.03

# MEMORANDUM

**TO:** Mike Steffan

**FROM:** G. Florentino

**DATE:** June 10, 2002

**SUBJECT:** Evaluation of Tyree's responses to E & E's comments on the Mr. C's Pump Test Data

**CC:** S. Blair, B. Cervi

The following comments have been prepared in response to Tyree's responses to the Engineer's additional comments on the Pump Test Data dated April 9, 2002.

1. E & E does not agree with the response. The contract clearly states borehole logs are required for all boreholes. Also, the response does not address why well depths were not based on the presence of the outwash deposits. The contract required that all wells were to be installed 2-feet into the outwash. There is no reference to the outwash in the drill logs and all the wells were installed to the depth of 30 feet, not 2-feet into the outwash.

2. The contract specifications for collecting water levels are minimums, not necessarily a good engineering practice, and are not sufficient for the site-specific conditions.

3. Tyree's response that the step-drawdown tests were performed as required under the specification does not address deficiencies with the pump tests. The contract required that the pumping well, four associated piezometers, and the paired pumping well were to be monitored during each pump test, but this was not performed in all of the pump tests. Also, a short account of development records was provided instead of the step-drawdown data as required by the contract.

4. Barometric pressure readings are used to filter data during processing, not to change water level measurements, and are an established industry practice.

5. The purpose of pump test recovery data is to monitor recovery in the pumping wells, not the observation wells. The effects or responses in observation wells should not be used to determine whether a recovery test should be performed or recorded.

Based on the continued deficiencies in Tyree's responses, there are still significant violations to the project contract.

# ecology and environment engineering, p.c.

**BUFFALO CORPORATE CENTER**
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844


## Memorandum

To: Philip Holloway
The Tyree Organization, Ltd.

From: Mike Steffan **Signed:** Michael D. Steffan
E & E **Dated:** 6/12/02

Date: June 12, 2002

Subject: Mr. C's Dry Cleaning Site, East Aurora, NY
Contract #D004180, Site # 9-15-157
Submittal Review

Item Review: **Well logs, Borehole logs, and Pump Test Data**
**Submittal No. XI- 02260**, Tyree Submittal References 037 and 039
**Well and Borehole log Ref: Specification Section - XI-02260, 1.3.B**
**Pump Test Data Ref: Specification Section - XI-02260, 3.6.E**

Comments: E&E is providing the following additional comments as a result to the response from Tyree to the project submittal letter received on 4/9/02. Copy of the Tyree response letter is attached. The following comments require **response and re-submittal** from Tyree prior to approval.

1. E & E does not agree with the response. The contract clearly states borehole logs are required for all boreholes. Also, the response does not address why well depths were not based on the presence of the outwash deposits. The contract required that all wells were to be installed 2-feet into the outwash. There is no reference to the outwash in the drill logs and all the wells were installed to the depth of 30 feet, not 2-feet into the outwash.

2. The contract specifications for collecting water levels are minimums, not necessarily a good engineering practice, and are not sufficient for the site-specific conditions.

3. Tyree's response that the step-drawdown tests were performed as required under the specification does not address deficiencies with the pump tests. The contract required that the pumping well, four associated piezometers, and the paired pumping well were to be monitored during each pump test, but this was not performed in all of the pump tests. Also, a short account of development records was provided instead of the step-drawdown data as required by the contract.

4. Barometric pressure readings are used to filter data during processing, not to change water level measurements, and are an established industry practice.



recycled paper

5. The purpose of pump test recovery data is to monitor recovery in the pumping wells, not the observation wells. The effects or responses in observation wells should not be used to determine whether a recovery test should be performed or recorded.

***Review and Approval** is only for conformance with the design concept of the project and compliance with the information given in the Contract Documents. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication process or to techniques of construction; and for coordination of the work of all trades.*

**Submittal Response:**

| | | |
|---|---|---|
| ☐ Approved | ☐ Not Approved | _____ Copies for Approval |
| ☐ Approved as Noted | ☐ Other (explain) | _____Copies for Distribution |
| ☒ Revise and Resubmit | ☐ _____ | _____ Corrected Prints |

CC: G. Jones, E&E Engineering w/o attachment
D. Chiusano, NYSDEC, Albany - w/o attachment
G. Sutton, NYSDEC, Buffalo - w/o attachment
D. Miller, E & E, Buffalo w/o attachment
CTF - 000699.NY60.03 - w/o attachment

The Tyree Organization, Ltd.
Albany
4 Northway Lane, Latham, NY 12110 · Fax: 518-786-7351 · Phone: 518-786-3200

April 9, 2002

RECEIVED
BY MGS DATE 4/10/02

Mr. Michael G. Steffan
Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, New York 14086

Re: Response to Engineer's Additional Comments of Pump Test Data
Mr. C's Dry Cleaner Site
Site ID No. 9-15-157; Contract # D004180

Dear Mr. Steffan:

The following comments have been prepared in response to the Engineer's additional comments on the Pump Test Data received on April 8, 2002.

1. The technical section 02660 does not require field descriptions of all boreholes.
2. Water levels were collected as required under the specification.
3. The step-drawdown tests were performed as required under the specification.
4. The water levels were recorded as referenced from the designated mark on the top of respective well casing. The request from the Engineer to "correct the data" does not adhere to any established standard industry practice.
5. The 72-hour Test performed on PW-7 did not include recovery data due to the lack of drawdown in the observation points during the pumping portion of the test. The data collected during the recovery portion of the 72 hour Test for PW-5 was not valid for plotting due to the outside influence affecting the data from the Matrix Environmental Technologies remediation system. As you recall, this system was then shutdown for the remainder of the project tests.

If you require additional information or clarification please contact me at (518) 786-3200.

Sincerely,
**Tyree Organization, Ltd.**

Philip N. Holloway
Project Manager

cc: D.Chiusano- NYSDEC

Member The Tyree Organization

The Tyree Organization, Ltd.
Albany
4 Northway Lane, Latham, NY 12110 · Fax: 518-786-7351 · Phone: 518-786-3200

RECEIVED BY MGS DATE 6/28/02

June 19, 2002

Mr. Michael G. Steffan
Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, New York 14086

Re: Response to Engineer's Comments of Submittal References 037 and 039
Mr. C's Dry Cleaner Site
Site ID No. 9-15-157; Contract # D004180

Dear Mr. Steffan:

The following comments have been prepared in response to the Engineer's additional comments on the Pump Test Data received on June 12, 2002.

1. With all due respect, Tyree does not agree with E&E's response. The contract only requires that continuous sampling be performed during the drilling for the pumping wells. The piezometer drilling specification does not require that continuous sampling be performed. At well cluster locations PW2, PW3, PW5 PW6, PW7 and PW8 the continuous sampling was performed at the first borehole drilled, which was the "A" piezometer (located 5 feet from the PW well location). As you recall, the drilling was performed in this sequence because there was a delay in receiving the appropriate sieve analysis reports from the NYSDEC to correctly size the screen slots, there was a lead time necessary to acquire the stainless steel well materials for the pumping wells, and the approved schedule required the drilling to move forward.

   Tyree has provided Well Construction Logs for each borehole performed, as well as lithologic descriptions for the boreholes where continuous sampling was performed.

   The Tyree site geologist made the determination of completion depth based upon lithology encountered, and the specified expected depths. Although the logs do not spell out the word "outwash", the field soil descriptions provided clearly indicate the presence of an outwash formation within the screened interval.

   The piezometers were each installed to the depths required by the specifications.

2. Water levels were collected as required under the specification. With all due respect, if E&E feels that the contract specifications were not sufficient for the site-specific conditions, then the pre-award Engineering review of the contract documents should have issued an addendum to the specifications to address this concern.

3. Tyree's April 9 response addressed the comment made by E&E. If E&E has noted additional deficiencies with the pump tests, then please bring them to Tyree's attention so that they can be addressed. The step-drawdown test data as recorded from each well and associated piezometer has been provided as required under the contract. The contract required "Observation of Results" section was apparently mistaken for a "short account of development records" (E&E description).

4. The comment by E&E is noted.

5. The comment by E&E is noted. The industry "Bible" for the guidance in collection and analysis of pumping test data is Fletcher Driscoll's "Groundwater and Wells" (1986, Second Edition). In this reference, the author notes that " recovery data should be taken to verify the accuracy of pumping data." And, " Values obtained from the analysis of the recovery record serve to check calculations based upon the pumping record."

If you require additional information or clarification please contact me at (518) 786-3200.

Sincerely,
**Tyree Organization, Ltd.**

Philip N. Holloway
Project Manager

cc: D.Chiusano- NYSDEC

**ecology and environment engineering, p.c.**

BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

# Memorandum

To: Philip Holloway
The Tyree Organization, Ltd.

From: Mike Steffan *Signed:* Michael D. Steffan
E & E *Dated:* 6/12/02

Date: June 12, 2002

Subject: Mr. C's Dry Cleaning Site, East Aurora, NY
Contract #D004180, Site # 9-15-157
Submittal Review

Item Review: **Well logs, Borehole logs, and Pump Test Data**
**Submittal No. XI- 02260**, Tyree Submittal References 037 and 039
**Well and Borehole log Ref: Specification Section - XI-02260, 1.3.B**
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## Submittal Response:

| | | |
|---|---|---|
| ☐ Approved | ☐ Not Approved | _____ Copies for Approval |
| ☐ Approved as Noted | ☐ Other (explain) | _____Copies for Distribution |
| ☒ Revise and Resubmit | ☐ _____ | _____ Corrected Prints |

CC: G. Jones, E&E Engineering w/o attachment
D. Chiusano, NYSDEC, Albany - w/o attachment
G. Sutton, NYSDEC, Buffalo - w/o attachment
D. Miller, E & E, Buffalo w/o attachment
CTF - 000699.NY60.03 - w/o attachment

# P Project Piping Pressure Test Results

KANDEY CO INC.
HYDRO-MECHANICAL CONTRACTORS

19 RANSIER DRIVE
WEST SENECA, N.Y. 14224
(716) 675-7245
FAX (716) 675-4957

# KANDEY COMPANY TEST REPORT

DATE: 11/18/01

JOB: Mr. Cs Cleaners

OWNER: Tyree Organization

DESCRIPTION OF LINES TESTED: 4" HDPE Discharge line from R.O.W. at property to termination at Tannery Brook

TYPE OF TEST: Hydrostatic

TEST PRESSURE: 75 psi

TEST TIME: 24 hrs

PLUMBER TESTING: Joe LaPlace Kandey Co Inc.

OWNER WITNESS: Robert Blow / Tyree org.

# Q Treatment Equipment Wet Test Report

RECEIVED
BY MBS DATE 9/13/02

# SYSTEM START-UP DOCUMENTATION

SEPTEMBER 2002

Contract # D004180

9-15-157
GROUNDWATER RECOVERY SYSTEM

Mr. C's Dry Cleaners Site

EAST AURORA, NY

Table of Contents

1. Daily Log

2. Weekly O&M Report for Week One
   - System Check Form
   - Laboratory Analytical Reports for Air Samples
   - Laboratory Analytical Reports

3. Weekly O&M Report for Week Two
   - System Check Form
   - Laboratory Analytical Reports

4. Weekly O&M Report for Week Three
   - System Check Form
   - Laboratory Analytical Reports

5. Weekly O&M Report for Week Three
   - System Check Form
   - Laboratory Analytical Reports

6. Piezometer Gauging Form

# Daily Log

Day I Tuesday, 9 July 2002

- The system was sampled for VOCs method ASP 95-1 and MtBE.
- Six air samples were taken. Post Carbon 1 through Post Carbon 6 levels were non detect.
- The Daily Sample Log was started.
- David preformed system checks.

Day 2: Wensday, 10 July 2002

- The system was sampled for VOCs method ASP 95-1 and MtBE.
- Seven air samples were taken. Post Carbon 7 through Post Carbon 13 were non detect.
- David preformed system checks.

Day 3: Thursday, 11 July 2002

- The system was sampled for VOCs method ASP 95-1 and MtBE.
- Eight air samples were taken. Post Carbon 14 through Post Carbon 21 were non detect.
- David preformed system checks.
- The following equipment was on line; A/S one, Effluent pump one and PW 1 through PW 5 and PW 7. PW 2 and PW 5 were periodically turned from on to hand. PW 8 was not used.

Day 4: Friday, 12 July 2002

- The system was sampled for VOCs method ASP 95-1 and MtBE.
- Eight air samples were taken. Post Carbon 22 through Post Carbon 29 were non detect.
- David preformed system checks.
- The following equipment was on line; A/S one, Effluent pump one and PW 1 through PW 5 and PW 7. PW 2 and PW 5 were periodically turned from on to hand. PW 8 was not used.

Day 5: Saturday, 13 July 2002

- The system was sampled for VOCs method ASP 95-1 and MtBE.
- Nine air samples were taken. Post Carbon 30 through Post Carbon 38 were non detect.
- David preformed system checks.
- The following equipment was on line; A/S One, Influent One, Effluent pump one and PW 1 through PW 5 and PW 7. PW 2 and PW 5 were periodically turned from on to hand. PW 8 was not used.

Monday, 15 July 2002, Performance Test using Secondary Pumps and Blowers (4,500 Gallons)

- David and Jen preformed system checks.
- A/S Influent and A/S Effluent were sampled for ASP 95-1 and MtBE. A Trip Blank was also analyzed for the same parameters.
- Bob Davis on site to work out the kinks in the system. He checked the control panel wiring, auto dialer channels, and other various tasks.

Tuesday, 16 July, 2002

- Retreated 3,000 gallons from Baker Tank A through the system. Influent Bath Tank I and Effluent Batch Tank 2 were sampled for ASP 95-1 and MtBE and discharged into a different batch tank.
- Bob Davis on site to check the control panel display.
- David and Jen preformed system checks.
- Ran a Three-Hour Performance Test using primary pumps and blowers. A/S Influent PP-Z and A/S Effluent PP-Z were run for ASP 95-1 and MtBE. AZ Trip Blank was also analyzed for ASP 95-1 and MtBE.

Wensday 17, July, 2002

- No work done.

Thursday, 18 July, 2002

- Drained Frac Tank A into Tannery Brook. An Effluent Tank A Effluent sample was run for ASP 95-1, MtBE, and ASP-B.
- Drained Frac Tank B into Tannery Brook. An Effluent Tank B Effluent sample was run for ASP 95-1, MtBE, and ASP-B.

Friday, 19 July, 2002

- Started discharging Frac Tank D.
- Bob Davis on site to troubleshot the system.

Monday 7/22/02

- Retreated Frac Tank C. Discharge was turbid. Stopped immediately when brought to our attention. Jean, the Town Water and Sewer Manager on site to inspect. Sample of stream and of frac tank taken and sent for 24-hour turnaround. Called baker tank to see about previous renter's use. Baking soda had been used and is very possible that the tank was not properly cleaned before delivery. The contents of the tank were sent to upstate to be tested for BOD, COD, TDS, NO3, NH3, PO4, and turbidity. The results were all non-detect.

Tuesday 7/23/02

- Installed door lock and weather strip.
- Troubleshot with Bob Davis by phone.

Wednsday 7/24/02

- Troubleshot with Dragan.
- Call about fencing to replace boards from library.
- Program Verbatim Phone.
- Gauged Piezometers.
- Ran Performance Test I for an hour to determine airflow at different parts of the system. All of the ports show the right flow.

Thursday 7/25/02 and Friday 7/26/02

- No work on site done

Monday, 29 of July and Tuesday, 30 of July

- Stewart and John Worked on the punch list
- Fixed library fence
- Sound proofed system

Day 6: Wensday, 31 July 2002

- Stewart and John worked on soundproofing the system.
- Jen preformed system checks.
- Sampled Day 6 Influent and Day 6 Effluent for ASP 95-1 and MtBE.

Day 7: Thursday 1 August 2002

- Stewart and John worked on soundproofing the system
- Transferred water from Tank D ( Day 7's Discharge ) to Tank A ( Day 6's Discharge )
- Received discharge permit from J.H., Chief Operator of the East Aurora WWTF.
- Jen preformed system check and sampled the Influent and Effluent for ASP 95-1 and MTBE.
- Sampled Tank D Effluent ( Rain for Rent ) for ASP 95-1 and MtBE.

Day 8: Friday 2 August 2002

- Samples sent to Mitkem
- Drained and sampled Tank D ( Rain for Rent)
- Drained Tank A directly to sewer line in Whaley Ave. Located in between the library And the hardware store.

- Sampled Influent and Effluent for ASP 95-1 and MtBE and sent to upstate. Effluent samples were also sent to Mitkem to be sampled for ASP 95-1 and MtBE.

Day 9: 8/5/02

- Drained Tank B ( Day 6 and Day 7 ) into sewer on Whaley Ave.
- Preformed system check and sampled Effluent for ASP 95-1 and MtBE.

Day 10 of 3-hour test: 8/5/02

- Baker Tank removed Tank A.
- Drained Tank B ( Day 7 and Day 8) into sewer on Whaley Ave.
- Sampled Influent and Effluent air for ASP 95-1 and MtBE. Air Effluent was sampled for TO-2.

Tuesday, 8/6/02

- Ran 8-hour test. Effluent Pump 1 emergency high level switch tripped on. The system was reset within 20 minutes.
- Soundproofed the system

Day 1 of Week 2: 8/7/02

- Ran 8-hour test. Effluent Pump one emergency high level switch came on. To correct the problem, both effluent pumps were turned on so that the water is evacuated faster.
- Sampled Influent and Effluent air for ASP 95-1 and MtBE. Air Effluent was sampled for TO-2. A trip Blank was sent in to be sampled for ASP 95-1 and MtBE.
- Removal of Baker Tank B and Baker Tank C from property.
- Soundproofing of system.

Day 2 of Week 2: 8/8/02

- Ran 8-hour test with both effluent pumps running.
- Sampled Influent and Effluent air for ASP 95-1 and MtBE. Air Effluent was sampled for TO-2. A trip Blank was sent in to be sampled for ASP 95-1 and MtBE.
- Removal of Rain for Rent tank ( Tank D).
- Completion of soundproofing.

Day 3 of Week 2: 8/9/02

- Preformed system checks.
- Sampled Effluent for ASP 95-1 and MtBE. Also sampled Post Carbon for TO-2.

Day 4 of Week 2: 8/12/02

- Ran 8-hour test with both effluent pumps running.
- The system was sampled. Day 4, Week 2 Post Carbon was sampled for TO-2. Day 4 Week 2 A/S Effluent and a trip blank were sampled for Asp 95-1 and MtBE. A temperature blank was also sent to Mitkem.

Day 5 of Week 2: 8/13/02

- Ran 8-hour test with both effluent pumps running.
- Gauged piezometers.
- Dragan on site to fix metering pump for the sequestering agent. Installed jumpers between each well pump to tie them together electrically. This enabled the "Auto" setting for the metering pump to work because all of the well pumps could now send signals to the metering pump.
- Took Effluent pump apart.

8/14/02

- Preformed system checks.

- The system was sampled. Day 5, Week 2 Post Carbon was sampled for TO-2. Day 5 Week 2 A/S Effluent and a trip blank were sampled for Asp 95-1 and MtBE. A temperature blank was also sent to Mitkem.

8/15/02

- Started 24-hour continuous run with effluent pump 2 running. The high sump level has not come on with effluent pump 2 running. This could be for several reasons. One of them being the cone of depression slowing the flow of water into the EQ tank, causing the influent pump to cycle less often. Effluent pump 1 has 180 degrees of PVC pipe to pump through. This adds resistance and turbulence over a very small area. This, added with the slowing effect of the totalizer may be the cause of the alarm. Effluent Pump 2 will become the primary pump if problems do not arrive.
- Took Effluent Pump One apart to make sure that the flow was not being slowed do to obstructions.
- Installed the correct chip for the metering pump to run on auto. Ran jumpers from each of the well pumps to connect the metering pump to the system. Tested the pump with each of the well pumps.

8/16/02

- Preformed system checks.
- Gary on site to learn system and office duties. He will be the on site tech for 8/19 through 8/23.
- Noticed noise coming from the check valve after Influent pump 1. The ball inside does not fit properly into its place. A new part has been ordered and needs to be installed to correct the problem.
- EQ Tank's Sensor was not working as accurately as it had been until this point. The Influent pump was suppose to turn off at 2 feet as a low and then on at 6 feet as a high with emergency high shut off being at 8 feet. The pump was turning on approximately four minutes after the level had reached 6 feet, and was turning off after the level had dropped below 2 feet. To avoid burning out the Influent Pump, the levels programmed into the system were changed. The system was set to turn the influent pump off at 3 feet, on at 7 feet with the emergency off still remaining at 8 feet. These settings keep the same water column in the EQ Tank, will giving the sensor more water to pump without the pumps pulling in to much air.

8/19/02

- Gary conducted system checks

8/20/02

- Gary preformed system checks.
- Gauged piezometers.
- System sampled for Week 3. A/S Influent, A/S Effluent, a trip blank and a MS/MSD spike were sampled for Asp 95-1 and MtBE. Pre Carbon and Post Carbon were sampled for TO-2. A temperature blank was sent in with the samples. Results were thrown out due to the system failure on 8/21/02.

8/21/02

-Gary conducted system checks.

- High sump and low stripper pressure alarms came on. Trouble shoot with Jen, Dragan, and Bob Davis by phone. System left off.

Day 1 of Week 3 8/22/02

- Dragan on site. Fixed loose wire, which was the cause of the problem. System running smoothly.
- Dragan preformed system checks.

Day 2 of Week 3: 8/23/02

- Dragan preformed system checks.
- The system went down on 8/22. The well pumps failed to pull water into the system. Alarm lights for "air stripper high sump" and "air stripper low air pressure" tripped on due to the lack of water in the system. Troubleshooting with Gary over the phone could not identify or fix the problem.

When Dragan arrived on site, the system was on. However, the well pumps were not pulling any water. If held in the "hand" position, the pumps would pull water, however, no water was pulled when the switches were in the "auto" position. Dragan checked all of the breakers, circuits, and switches for each of the well pumps. When he opened the control panel to find the CPU unit key to be in "REM" (remote access mode). Dragan reset the processor by turning it to the "program" position, and then to the "run" position. This reset the system, allowing the well pumps to be operated in the "auto" mode.

System checks from both 8/22 and 8/23 show that the system is pulling water. No alarms were tripped after the CPU unit was reset and the system ran fine.

Day 5 of Week 3: 8/26/02

- Jen preformed system checks.
- Replaced tube from first carbon to second carbon. Put flex hose and ferncos inplace.

Day 6 of Week 3: 8/27/02

- Jen preformed system checks.
- Gauged Piezometers.
- Shane on site to collect payment. Informed him that his services would no longer be needed after 9/5/02.

Day 7 of Week 3: 8/28/02

- Jen preformed system checks.
- E-Z Does It service man onsite to clean units. Removed one of the units.
- System sampled for Week 3. A/S Influent, A/S Effluent, a trip blank and a MS/MSD spike were sampled for Asp 95-1 and MtBE. Pre Carbon and Post Carbon were sampled for TO-2. A temperature blank was sent in with the samples.

Day 1 of Week 2: 8/29/02

- Preformed system checks.
- PW 4 and PW 5 are confused between the control panel and the display. While gauging the piezometers, PW 4 was turned off to allow recharge. While it was off, PW 5's Levels raised to 14 and stayed there while PW 4's level fell to zero. After troubleshooting with Bob Davis and Dragan, the problem was found to be that the ROI's overlap each other. One well pulls in water from the plume of the other well to such an extent that the plume migrates to the well that is on. The same relationship is present with both wells as long as one is one and one is off. PW4 on the control panel and motor starter is PW5 on the panel. PW5 on the control panel and motor starter is PW4 on the panel. This wiring was done by NES and needs to be corrected by someone with knowledge of wiring.

Day 2 of Week 4: 8/30/02

- Preformed system checks.

Day 5 of Week 4: 9/3/02

- Dragan on site to fix wiring of PW4 and PW5. PW4's probe was wired into PW5's analog card spot and vise versa. This caused the levels in one well to show up on the other well's position on the display. The wire positions were switched inside of the control panel so that the right probe signal went to the right display. Each of the probes was lowered into the water to make sure that they are now correct.
- Preformed system checks.
- Shane on site to collect last payment.

- Upon arrival, "High stripper sump" and "low stripper air pressure on" due to the effluent pumps at being able to pump enough water fast enough. The alarms were reset and the system ran fine.
- The effluent totalizer will not always move. The flow rate always reads 0.0, and total 1 and total 2 do not change at a constant rate, if they change at all. The totalizer is a small one for how much water is passing through it in a day.
- Inspected the hoses between the 2 carbon units. The outside of the carbon ports are 10 ¾'', with the hose being 10''. Spoke with Phil and NES to try to figure out how to reduce this. Dragan took one of the connections apart to see how Jen put it together.
- Dragan looked at the part of the control panel beneath the well display where it shows you if the well pump is on or off. This is a normal function. The display shows you if the pump should be on according to where the water is in the well. If the high level is where the pump should be on, the display says on. If the level is to low for the pump to be on, the display says off.

Day 6 of Week 4, Sept 4, 2002

- Preformed system checks and sampled the system.
- System sampled for Week 4. A/S Influent, A/S Effluent, a trip blank and a MS/MSD spike were sampled for Asp 95-1 and MtBE. Pre Carbon and Post Carbon were sampled for TO-2. A temperature blank was sent in with the samples.

Day 7 of Week 4, Sept 5, 2002

- Steven on site to learn system.
- Steven and Jen preformed.
- Gauged piezometers, recorded well depth while gauging took place, and timed each well to get an idea of how long each well stayed on.
- Preformed system checks.
- E-Z Does it picked up last unit.

# Weekly O&M Report

| | |
|---|---|
| Contract Number: D004180 | Site Name: Mr. C's Dry Cleaners |
| Site Number: 9-15-157 | Location: East Aurora, NY |

Week #1 Days 1- 7 July 31 – August 6

System On-line at 10:00 on Tuesday July 16, 2002.

Daily System Up-Time Percentage:

7/9/02 to 7/10/02: 3/3 hours = 100%
7/10/02 to 7/11/02: 3/3 hours = 100%
7/11/02 to 7/12/02: 3/3 hours = 100%
7/12/02 to 7/13/02: 3/3 hours = 100%
7/13/02 to 7/14/02: 3/3 hours = 100%

System Operating Conditions:

- PW 1 through PW 5 and PW 7 were used continously for week one. PW 2, PW 5, and PW 8 were periodically used on the hand setting.
-A/S one, Effluent Pump one, and Influent Pump One were used.

Week #1 Sampling:

-Collected daily water sample from Air Stripper Effluent
-Collected total of 38 Post Carbon air samples.

Note: samples taken daily. Water samples were immediately sent to the lab. Air samples were analyzed on-site.

System operated and maintained by: David Pachan
Sampling performed by: David Pachan

# System Check Form

Mr. C's Dry Cleaners
Date 7/9/02
1 sy Day of Start up
Day 1 3 hour system test
System check preformed by: David Pachan

The system was turned on at 8:10 PM
The 3 hour test started at 9:30 PM and ended at 12:30 PM
10,552 total gallons of ground water was treated through the system and discharged to frack tan s.

An effluent water sample was taken at 11:30 PM

| Time: | 10:00 PM | 11PM | 12PM |
|---|---|---|---|
| Influent Flow Rate | NA | NA | NA |
| Influent Totalizer Gal | NA | NA | NA |
| Meter pump pressure gauge- psi | 8 | 6 | 6 |
| Bag Filter top psi | 0 | 0 | 0 |
| Bag Filter bottom psi | 0 | 0 | 0 |
| Air Stripper Velocity in/water | NA | NA | NA |
| Air Stripper Vacuum in/water | 0 | 0 | 0 |
| Effluent Pump Pressure Gauge psi | 5 | 5 | 5 |
| Effluent Flow rate: gal/min | 81 | 75 | 81 |
| Effluent totalizer- gal | NA | NA | Na |
| Holding Tank Level | NA | NA | NA |

| Post Carbon Air Samples were s | Time | Results |
|---|---|---|
| Post Carbon 1 | 9:00 PM | Non Detect |
| Post Carbon 2 | 9:40 PM | Non Detect |
| Post Carbon 3 | 10:00PM | Non Detect |
| Post Carbon 4 | 10:15 PM | Non Detect |
| Post Carbon 5 | 10:30 PM | Non Detect |
| Post Carbon 6 | 10:45 PM | Non Detect |

Mr. C's Dry Cleaners
Date 7/10/02
2 nd Day of Start up
Day 2 3 hour system test
System check preformed by: David Pachan

The system was turned on at 3:30 PM
The 3 hour test started at 4:00PM and ended at 7:00PM
13,625.40 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 5:50PM

| Time: | 3:45 AM | 4:00 | 4:30 | 5:00 | 5:30 | 6:00 | 6:30 | 7:00 |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | NA | NA | NA | NA | NA | NA | NA | NA |
| Influent Totalizer Gal | 2521.5 | 3228 | 4066.5 | 6346.6 | 8061 | 8703 | 9386.4 | 10136.4 |
| Meter pump pressure gauge- psi | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 3 |
| Bag Filter top psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Air Stripper Velocity in/water | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Air Stripper Vacuum in/water | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 |
| Effluent Pump Pressure Gauge psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effluent Flow rate: gal/min | 70.2 | 69.5 | 70.5 | 70.9 | 70.2 | 70.9 | 71.2 | 70.5 |
| Effluent totalizer- gal | 1079.8 | 1805.9 | 3248.3 | 5718.6 | 8159.6 | 9645.3 | 11746.5 | 13625.4 |
| Holding Tank Level | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 |

| Post Carbon Air Samples were s | Time | Results |
|---|---|---|
| Post Carbon 7 | 3:40 | Non Detect |
| Post Carbon 8 | 3:55 | Non Detect |
| Post Carbon 9 | 4:10 | Non Detect |
| Post Carbon 10 | 4:25 | Non Detect |
| Post Carbon 11 | 4:40 | Non Detect |
| Post Carbon 12 | 4:55 | Non Detect |
| Post Carbon 13 | 5:10 | Non Detect |

Date 7/11/01
3rd Day of Start up
Day3 3 hour system test
System check preformed by: David Pachan

The system was turned on at 4:30PM
The 3 hour test started at 4:30 and ended at 7:00PM
9,733.00 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 7:00PM

| Time: | 4:30 | 5:00 | 5:30 | 6:00 | 6:30 | 7:00 | |
|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 78.55 | 62.05 | 68.5 | 61.33 | 61.42 | 60.34 | |
| Influent Totalizer Gal | 12513 | 14470 | 16454 | 18397 | 20305 | 22246 | |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | 3.3 | 3.3 | 3.3 | |
| Bag Filter top psi | 6 | 6 | 6 | 6.5 | 6 | 7 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | |
| Air Stripper Velocity in/water | 5 | 4 | 4 | 4 | 4 | 4 | |
| Air Stripper Vacuum in/water | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.34 | |
| Effluent Pump Pressure Gauge psi | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effluent Flow rate: gal/min | 69.5 | 71.9 | 73.3 | 71.9 | 73 | 73 | |
| Effluent totalizer- gal | 14058.4 | 15980.2 | 17884.2 | 19857.9 | 21665.3 | 23695.2 | Start Total 9636 |
| Holding Tank Level | 4 | 4 | 4 | 4 | 4 | 4 | |
| Carbon Pressure psi | 1 | 1 | 1 | 1 | 1 | 1 | |

| Post Carbon Air Samples were s | Time | Results |
|---|---|---|
| Post Carbon 14 | 4:35 | Non Detect |
| Post Carbon 15 | 4:50 | Non Detect |
| Post Carbon 16 | 5:05 | Non Detect |
| Post Carbon 17 | 5:20 | Non Detect |
| Post Carbon 18 | 5:35 | Non Detect |
| Post Carbon 19 | 5:50 | Non Detect |
| Post Carbon 20 | 6:05 | Non Detect |
| Post Carbon 21 | 6:20 | Non Detect |

Mr. C's Dry Cleaners
Date 7/12/02
4 th Day of Start up
Day 4 3 hour system test
System check preformed by: David Pachan

The system was turned on at 7:30 AM
The 3 hour test started at 7:30 and ended at 10:30
7,910.00 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 9:30Am

| Time: | 7:30 AM | 8:00 | 8:30 | 9:00 | 9:35 | 10:00 | 10:30 | |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 90.41 | 18.62 | 13 | 20.82 | 24.73 | 80.4 | 68.94 | |
| Influent Totalizer Gal | 22361.9 | 24063.1 | 25591.5 | 26951.5 | 27257.3 | 28256.1 | 30271 | |
| Meter pump pressure gauge-psi | 3 | 0 | 0 | 0 | 0 | 3 | 3 | |
| Bag Filter top psi | 7 | 4 | 3 | 3 | 4 | 6 | 7 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Air Stripper Velocity in/water | 0 | 4 | 4 | 0 | 4 | 4 | 4 | |
| Air Stripper Vacuum in/water | 0.4 | 0.34 | 0.34 | 0.38 | 0.35 | 0.35 | 0.34 | |
| Effluent Pump Pressure Gauge psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effluent Flow rate: gal/min | 0 | 69.5 | 69.5 | 0 | 32.5 | 72.6 | 72.3 | |
| Effluent totalizer- gal | 23845.1 | 25598 | 26675.5 | 27345 | 27640.1 | 28641.2 | 30369.2 | Start Total 6524 |
| Holding Tank Level | 4 | 3 | 3 | 4 | 4 | 4 | 4 | |
| Carbon Pressure | 1.1 | 1 | 1 | 1 | 1 | 1 | 1 | |

| Post Carbon Air Samples were s | Time | Results |
|---|---|---|
| Post Carbon 22 | 7:50 | Non Detect |
| Post Carbon 23 | 8:05 | Non Detect |
| Post Carbon 24 | 8:20 | Non Detect |
| Post Carbon 25 | 8:35 | Non Detect |
| Post Carbon 26 | 8:50 | Non Detect |
| Post Carbon 27 | 9:05 | Non Detect |
| Post Carbon 28 | 9:20 | Non Detect |
| Post Carbon 29 | 9:35 | Non Detect |

Mr. C's Dry Cleaners
Date 7/13/02
5 th Day of Start up
Day 5 3 hour system test
System check preformed by: David Pachan

The system was turned on at 8:40
The 3 hour test started at 9:00 and ended at 12:00
12309 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 10:30

| Time: | 9:00 AM | 9:30 | 10:00 | 10:30 | 11:00 | 11:30 | 12:00 | |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 83.31 | 73.02 | 64.71 | 69.3 | 76.1 | 64 | 68.01 | |
| Influent Totalizer Gal | 30844 | 32975 | 35049 | 37159 | 39226 | 41149 | 43153 | Start Total 30844 |
| Meter pump pressure gauge-psi | 3 | 3.5 | 11 | 9 | 7 | 7 | 7 | |
| Bag Filter top psi | 6 | 6 | 6 | 7 | 6 | 7 | 6 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Air Stripper Velocity in/water | 0.35 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | 0.34 | |
| Air Stripper Vacuum in/water | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | |
| Effluent Pump Pressure Gauge psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Effluent Flow rate: gal/min | 0 | 71.6 | 71.2 | 71.3 | 71.6 | 70.9 | 71.6 | |
| Effluent totalizer- gal | 30893 | 32733 | 34751 | 36630 | 38543 | 40397 | 42215 | |
| Holding Tank Level | 4 | 4 | 4 | 4 | 3 | 3 | 3 | |

| Post Carbon Air Samples were s | Time | Results |
|---|---|---|
| Post Carbon 30 | 9:05 | Non Detect |
| Post Carbon 31 | 9:20 | Non Detect |
| Post Carbon 32 | 9:35 | Non Detect |
| Post Carbon 33 | 9:50 | Non Detect |
| Post Carbon 34 | 10:05 | Non Detect |
| Post Carbon 35 | 10:20 | Non Detect |
| Carbon 36 | 10:35 | Non Detect |
| Post Carbon 37 | 10:50 | Non Detect |
| Post Carbon 38 | 11:05 | Non Detect |

# Laboratory Analytical Reports
# For Air Samples

Post Carbon 1 through Post Carbon 6 from 7/9/02.
Post Carbon 7 through Post Carbon 13 from 7/10/02.
Post Carbon 14 through Post Carbon 21 from 7/11/02.
Post Carbon 22 through Post Carbon 29 from 7/12/02.
Post Carbon 30 through Post Carbon 38 from 7/13/02.

# 1.0 METHODOLOGY

## 1.2 Analytical Methodology

A Photo Vac 10S70 gas chromatograph was mobilized on-site by SEM and equipped with a photoionization detector (PID) with an on-board computer, which was programmed to analyze samples for target volatile organic compounds.

The Photo Vac GC analyzes gaseous samples and is capable of generating quantitative data specific to each compound. After injection into the instrument, the gaseous sample passes through a chromatographic column prior to the PID. The various VOC's pass through this column at different rates and thus reach the detector at different times after the injection. A strip-chart record of detector response versus time is obtained during each analysis and peaks on this strip-chart record manifest the presence of VOC's in the sample.

The portable GC measures two parameters for each peak observed during an analysis. First, the length of time is measured between the initial injection of the sample and the detection of the peak. This time is known as the retention time and each VOC has a characteristic retention time relative to those of other compounds. For example, the retention time of Toluene is greater than that for TCE. Retention times allow the identification of VOCs in the sample. Second, the portable GC integrates the VOCs in the detector response to measure the area under the peak. The area is measured in millivolt seconds (mv-s) and is proportional to the concentration of the compound in the sample.

Prior to the start of field activities, the instrument was calibrated to recognize retention times and convert peak areas into concentrations for the target VOCs. The standard was prepared by injecting a measured volume of headspace over a pure compound (TCE) into one liter glass bulb that is thoroughly flushed with organic free (ultra zero grade) air. The concentration of the standard is calculated by using the ambient temperature, the vapor pressure of the compound at that temperature, the noble gas law and other related equations.

A chlorinated (DCE, TCE and PCE) and BTEX library was programmed into the instrument by sequentially analyzing each standard. A syringe is used to withdraw 250 microliters (uL) of the headspace gas and inject the vapor into the instrument for analysis. A peak is detected for the standard and recognized, but not identified or quantitated by the instrument; the peak is simply recognized as having a certain retention time and peak area. The analyst enters both the identity and concentration of the standard and repeats this process for each of the remaining target VOCs. At the end of the initial calibration, the portable GC can identify and quantitate the peaks associated with the target VOC.

Other peaks which are recognized during the analysis remain unidentified and a retention time and peak area are reported rather than a compound and concentration. The retention time and detector response is influenced by other conditions such as the internal temperature of the instrument and the rate of gas flow through the column. Although regulated, some variations in these conditions

occur and act to shift the retention times and response factors of the target VOCs. Thus continuing calibrations are routinely performed.

The continuing calibration is performed by injecting a standard, such as toluene, into the portable GC for analysis. Using a keyboard command, the analyst instructs the instrument to recalibrate the library. After the peak is detected, the analyst enters both the identity and concentration. The retention times and response factors for all of the target VOCs in the library are then linearly adjusted relative to that calibration standard.

At a minimum, a continuing calibration is performed during fieldwork. However, since field conditions tend to change, i.e., temperature as the day progresses, the instrument may be recalibrated throughout the day. The analyst will monitor the retention time for the shifts (caused by the temperature fluctuations) in excess of approximately 5%. Retention time shifts of this magnitude or greater would result in the inability of the instrument to identify and quantitate peaks which were detected.

The PID is coupled to a 10.6 electron-volt ultraviolet lamp, which is capable of ionizing all of the VOC target analytes during the survey. However, the detector's sensitivity for these compounds may vary. Sample analyses are conducted by injecting with a syringe, 250 uL aliquots of sample vapors into the GC; comparisons of sample instrument responses will be made to that of calibration standards previously into the GC memory. Documenting the analysis, the GC prepares a strip-chart record detailing the concentration of recognized compounds and the raw instrument response of "unknown" compounds detected in the sample. In the event that sample results are above the linear range of the instrument calibration, a smaller aliquot is injected and the sample results are corrected for the "dilution factor."

## 2.0 QUALITY ASSURANCE/QUALITY CONTROL

A "dry run" may be performed after any sample that shows very significant peaks or periodically throughout the day to monitor any residual column contamination. A dry run is performed by starting the GC like a normal injection but without the insertion of the syringe. Frequent calibrations of the instrument can also confirm carryover contamination on the 500 uL syringe used to inject most of the soil gas samples throughout the day. A blank sample of ultra zero grade air in the 125 ml glass sampling bulb can also be run to show any potential cross contamination from the syringe or sampling bulb or both.

In order to minimize potential carryover or cross contamination, repeated flushing with purified air through the glass sampling bulb and syringes is conducted between samples.

Method Detection Limits (MDL's) for the chlorinated compounds of DCE, TCE and PCE and the BTEX compounds are in the range of 10 ppb or lower. Background concentrations on the syringe and the GC column are minimal and are factored into any reported values of results.

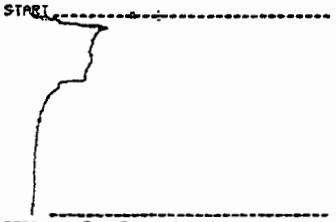
# RAW DATA SHEET

Date 7/9/02

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Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC



STOP # 311.2
SAMPLE LIBRARY 2 JUL 9 2002 9:14
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 25 DRY RUN
GAIN 10

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 19.9 | 118.6 mVS |

PHOTOVAC

CALIBRATED PEAK = TCE

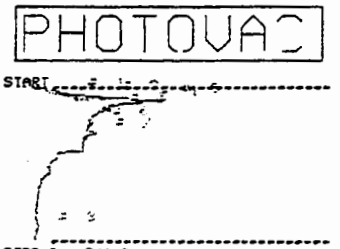
SAMPLE LIBRARY 2 JUL 9 2002 9:29
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 28 TCE-STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.8 | 371.3 mVS |
| UNKNOWN | 2 | 17.2 | 642.5 mVS |
| UNKNOWN | 3 | 20.8 | 2.7 VS |
| UNKNOWN | 4 | 25.2 | 1.7 VS |
| TCE | 7 | 29.7 | 1.200 PPM |

PHOTOVAC

| 2 COMPOUND | ID # | R.T. | LIMIT |
|---|---|---|---|
| PERC | 1 | 188.8 | 0.000 PPB |
| TOLUENE | 2 | 128.2 | 0.000 PPB |
| TCE | 3 | 74.5 | 0.000 PPB |
| CIS-DCE | 4 | 55.1 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 18.6 | 0.000 PPB |
| BENZENE | 6 | 58.5 | 0.000 PPB |
| ETHYLBENZENE | 7 | 297.3 | 0.000 PPB |
| M-P XYLENE | 8 | 323.4 | 0.000 PPB |
| MTBE | 9 | 37.8 | 0.000 PPB |
| O-XYLENE | 10 | 389.2 | 0.000 PPB |

PHOTOVAC

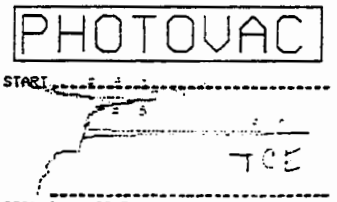


STOP # 241.2
SAMPLE LIBRARY 2 JUL 9 2002 9:19
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 28 STD-BULB BLANK
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.7 | 166.8 mVS |
| UNKNOWN | 2 | 17.5 | 387.2 mVS |
| UNKNOWN | 3 | 21.8 | 734.4 mVS |
| UNKNOWN | 7 | 74.5 | 121.2 mVS |

Std. 1 L

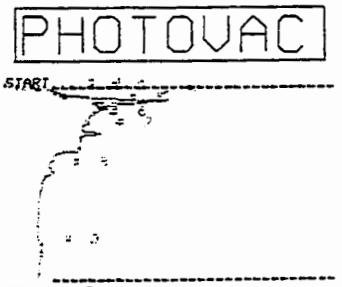
PHOTOVAC




STOP # 163.2
SAMPLE LIBRARY 2 JUL 9 2002 9:33
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 27 TCE-STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 12.1 | 172.9 mVS |
| UNKNOWN | 3 | 21.8 | 472.1 mVS |
| TCE | 6 | 74.5 | [illegible] |

PHOTOVAC

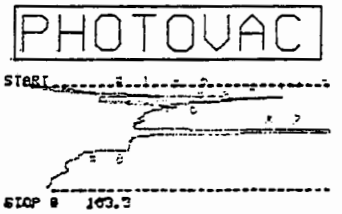


STOP # 362.8
SAMPLE LIBRARY 2 JUL 9 2002 9:41
ANALYSIS # 8 MR.C-DRY CLEAN.
INTERNAL TEMP 28 SAMPLE BLB BLANK
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.9 | 176.2 mVS |
| UNKNOWN | 2 | 21.8 | 943.2 mVS |
| UNKNOWN | 4 | 25.1 | 590.6 mVS |
| TCE | 7 | 74.8 | [illegible] |
| UNKNOWN | 8 | 126.8 | 152.1 mVS |
| UNKNOWN | 9 | 297.8 | 118.5 mVS |

Std. 1 L

PHOTOVAC



STOP # 163.2
SAMPLE LIBRARY 2 JUL 9 2002 9:28
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 27 TCE-STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.8 | 371.3 mVS |
| UNKNOWN | 2 | 17.2 | 642.5 mVS |
| UNKNOWN | 3 | 20.8 | 2.7 VS |
| UNKNOWN | 4 | 25.2 | 1.7 VS |
| UNKNOWN | 7 | 29.7 | 7.8 VS |

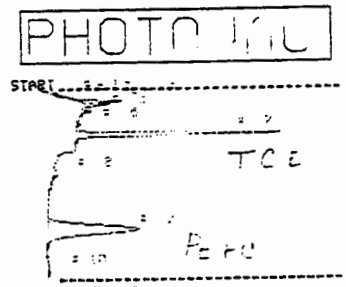
PHOTOVAC

CALIBRATED PEAK = TCE

SAMPLE LIBRARY 2 JUL 9 2002 9:34
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 26 TCE-STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 12.1 | 172.9 mVS |
| UNKNOWN | 3 | 21.8 | 472.1 mVS |
| TCE | 6 | 74.5 | [illegible] |

PHOTOVAC




STOP # 362.8
SAMPLE LIBRARY 2 JUL 9 2002 10:13
ANALYSIS # 9 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.9 | 115.5 mVS |
| UNKNOWN | 2 | 20.9 | 944.1 mVS |
| TCE | 7 | 75.1 | [illegible] |
| UNKNOWN | 9 | 226.8 | 4.8 VS |

# RAW DATA SHEET

Date 7/9/02

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**Project: Mr. C's Dry Cleaners**
**East Aurora, NY**

PHOTOVAC

CALIBRATED PEAK 7,TCE

SAMPLE LIBRARY 2 JUL 9 2002 10:14
ANALYSIS # 9 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.9 | 115.5 mVS |
| UNKNOWN | 3 | 20.9 | 344.1 mVS |
| TCE | 7 | 75.1 | 1.000 PPM |
| UNKNOWN | 9 | 226.8 | 4.8 VS |

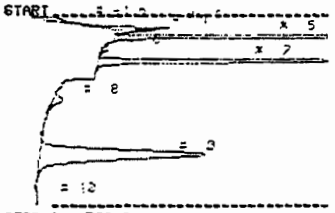
PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

| | | | |
|---|---|---|---|
| PERC | 1 | 198.3 | 0.000 PPB |
| TOLUENE | 2 | 129.7 | 0.000 PPB |
| TCE | 3 | 75.1 | 0.000 PPB |
| CIS-DCE | 4 | 55.5 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 18.7 | 0.000 PPB |
| BENZENE | 6 | 59.0 | 0.000 PPB |
| ETHYLBENZENE | 7 | 299.7 | 0.000 PPB |
| M-P XYLENE | 8 | 326.0 | 0.000 PPB |
| MTBE | 9 | 38.1 | 0.000 PPB |
| O-XYLENE | 10 | 392.3 | 0.000 PPB |

PHOTOVAC

START

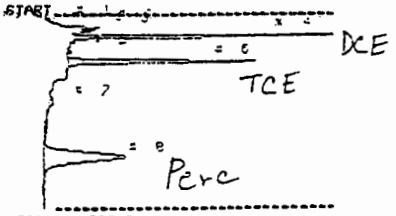



STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 10:30
ANALYSIS # 10 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.8 | 250.9 mVS |
| UNKNOWN | 3 | 20.9 | 570.1 mVS |
| UNKNOWN | 4 | 25.4 | 190.9 mVS |
| UNKNOWN | 5 | 34.1 | 6.8 VS |
| TCE | 7 | 74.9 | 1.102 PPM |
| UNKNOWN | 8 | 138.4 | 288.8 mVS |
| PERC | 9 | 226.8 | 942.5 PPB |

PHOTOVAC

START




STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 10:40
ANALYSIS # 11 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 2 | 20.9 | 265.3 mVS |
| UNKNOWN | 4 | 33.7 | 4.7 VS |
| TCE | 6 | 74.9 | 947.1 PPB |
| UNKNOWN | 7 | 138.8 | 117.6 mVS |
| PERC | 8 | 226.2 | 906.8 PPB |

PHOTOVAC

CALIBRATED PEAK 7,TCE

SAMPLE LIBRARY 2 JUL 9 2002 10:44
ANALYSIS # 11 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 2 | 20.9 | 265.3 mVS |
| UNKNOWN | 4 | 33.7 | 4.7 VS |
| TCE | 6 | 74.9 | 1000. PPB |
| UNKNOWN | 7 | 138.8 | 117.6 mVS |
| PERC | 8 | 226.2 | 950.4 PPB |

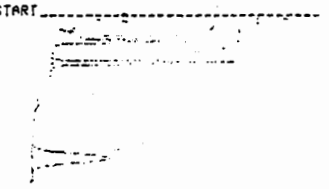
PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

| | | | |
|---|---|---|---|
| PERC | 1 | 226.2 | 0.000 PPB |
| TOLUENE | 2 | 129.3 | 0.000 PPB |
| TCE | 3 | 74.9 | 0.000 PPB |
| CIS-DCE | 4 | 55.3 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 18.7 | 0.000 PPB |
| BENZENE | 6 | 58.8 | 0.000 PPB |
| ETHYLBENZENE | 7 | 299.8 | 0.000 PPB |
| M-P XYLENE | 8 | 325.1 | 0.000 PPB |
| MTBE | 9 | 38.0 | 0.000 PPB |
| O-XYLENE | 10 | 391.3 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 33.7 | 0.000 PPB |

PHOTOVAC

START



STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 11:36
ANALYSIS # 12 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 20.8 | 220.0 mVS |
| TRANS-1,2-DCE | 3 | 33.8 | [illegible] |
| UNKNOWN | 4 | 41.0 | 3.8 VS |
| TCE | 6 | 75.1 | [illegible] |
| UNKNOWN | 7 | 138.8 | 134.8 mVS |
| PERC | 8 | 226.8 | [illegible] |

PHOTOVAC

SAMPLE LIBRARY 2 JUL 9 2002 11:38
ANALYSIS # 12 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 20.8 | 220.0 mVS |
| TRANS-1,2-DCE | 3 | 33.8 | |
| UNKNOWN | 4 | 41.0 | 3.8 VS |
| TCE | 6 | 75.1 | |
| UNKNOWN | 7 | 138.8 | 134.8 mVS |
| PERC | 8 | 226.8 | |

PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

| | | | |
|---|---|---|---|
| PERC | 1 | 226.8 | 0.000 PPB |
| TOLUENE | 2 | 129.6 | 0.000 PPB |
| TCE | 3 | 75.1 | 0.000 PPB |
| CIS-1,2-DCE | 4 | 41.0 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 18.7 | 0.000 PPB |
| BENZENE | 6 | 58.8 | 0.000 PPB |
| ETHYLBENZENE | 7 | 299.8 | 0.000 PPB |
| M-P XYLENE | 8 | 326.0 | 0.000 PPB |
| MTBE | 9 | 38.1 | 0.000 PPB |
| O-XYLENE | 10 | 392.3 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 33.8 | 0.000 PPB |

**Specialized Environmental Monitoring**

# RAW DATA SHEET

Date 7/9/02



**Project: Mr. C's Dry Cleaners**
**East Aurora, NY**

PHOTOVAC

START

DCE

TCE

perc

STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 19:11
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 22 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.9 | 415.0 mVS |
| UNKNOWN | 2 | 27.8 | 282.5 mVS |
| MTBE | 3 | 36.3 | [illegible] |
| UNKNOWN | 4 | 43.9 | 5.4 VS |
| UNKNOWN | 6 | 78.6 | 5.8 VS |
| UNKNOWN | 7 | 154.4 | 278.5 mVS |
| UNKNOWN | 8 | 252.1 | 7.3 VS |

PHOTOVAC

START

STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 20:30
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.9 | 430.7 mVS |
| UNKNOWN | 2 | 26.5 | 282.2 mVS |
| TRANS-1,2-DCE | 3 | 35.4 | [illegible] |
| CIS-1,2-DCE | 4 | 47.8 | [illegible] |
| TCE | 6 | 78.1 | [illegible] |
| UNKNOWN | 7 | 151.6 | 293.3 mVS |
| PERC | 8 | 248.6 | [illegible] |

PHOTOVAC

SAMPLE LIBRARY 2 JUL 9 2002 21: 5
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 24 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.5 | 139.6 mVS |
| TRANS-1,2-DCE | 3 | 31.9 | [illegible] |
| CIS-1,2-DCE | 4 | 42.5 | [illegible] |
| TCE | 6 | 78.0 | [illegible] |
| PERC | 8 | 245.8 | [illegible] |

PHOTOVAC

SAMPLE LIBRARY 2 JUL 9 2002 19:13
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 22 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.9 | 443.0 mVS |
| UNKNOWN | 2 | 27.8 | 282.5 mVS |
| TRANS-1,2-DCE | 3 | 36.3 | [illegible] |
| CIS-1,2-DCE | 4 | 43.9 | [illegible] |
| TCE | 6 | 78.6 | [illegible] |
| UNKNOWN | 7 | 154.4 | 278.5 mVS |
| PERC | 8 | 252.1 | [illegible] |

PHOTOVAC

| 2 COMPOUND | ID # | R.T. | LIMIT |
|---|---|---|---|
| PERC | 1 | 236.5 | 0.000 PPB |
| TOLUENE | 2 | 135.2 | 0.000 PPB |
| TCE | 3 | 78.3 | 0.000 PPB |
| CIS-1,2-DCE | 4 | 42.6 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 19.5 | 0.000 PPB |
| BENZENE | 6 | 61.5 | 0.000 PPB |
| ETHYLBENZENE | 7 | 312.6 | 0.000 PPB |
| M-P XYLENE | 8 | 309.9 | 0.000 PPB |
| MTBE | 9 | 29.7 | 0.000 PPB |
| O-XYLENE | 10 | 409.0 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 35.2 | 0.000 PPB |

PHOTOVAC

START

STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 20:41
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.5 | 133.6 mVS |
| TRANS-1,2-DCE | 3 | 31.9 | [illegible] |
| CIS-1,2-DCE | 4 | 42.5 | [illegible] |
| TCE | 6 | 78.0 | [illegible] |
| PERC | 8 | 245.8 | [illegible] |

PHOTOVAC

| 2 COMPOUND | ID # | R.T. | LIMIT |
|---|---|---|---|
| PERC | 1 | 240.4 | 0.000 PPB |
| TOLUENE | 2 | 137.4 | 0.000 PPB |
| TCE | 3 | 78.6 | 0.000 PPB |
| CIS-1,2-DCE | 4 | 43.5 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 19.9 | 0.000 PPB |
| BENZENE | 6 | 62.5 | 0.000 PPB |
| ETHYLBENZENE | 7 | 317.8 | 0.000 PPB |
| M-P XYLENE | 8 | 345.5 | 0.000 PPB |
| MTBE | 9 | 42.4 | 0.000 PPB |
| O-XYLENE | 10 | 415.8 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 35.9 | 0.000 PPB |

PHOTOVAC

START

Syringe air Blank

STOP @ 300.0
SAMPLE LIBRARY 2 JUL 9 2002 21:13
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STRINGE-AIR-BLK
GAIN 10 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 22.1 | 267.5 mVS |
| TCE | 4 | 78.7 | [illegible] |
| UNKNOWN | 5 | 150.4 | 202.6 mVS |

# RAW DATA SHEET



**Project: Mr. C's Dry Cleaners**
**East Aurora, NY**

PHOTOVAC

START

post carbon-1

STOP @ 320.0
SAMPLE LIBRARY 2 JUL 9 2002 21:19
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 26 ~~STRIPPER AIR OUT~~
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

UNKNOWN 1 21.7 170.8 PPB

PHOTOVAC

START

4

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 9 2002 22:25
ANALYSIS # 8 MR.C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-4
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

PHOTOVAC

START

6

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 9 2002 22:58
ANALYSIS # 10 MR.C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-6
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

PHOTOVAC

START

2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 9 2002 21:51
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 26 POST CARBON-2
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

PHOTOVAC

START

5

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 9 2002 22:40
ANALYSIS # 9 MR.C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-5
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

START

TCE

perc

Effluent

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 9 2002 23:20
ANALYSIS # 11 MR.C-DRY CLEAN.
INTERNAL TEMP 26 EFFLUENT
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

UNKNOWN 1 21.6 240.6 PPB
UNKNOWN 2 37.9 165.3 PPB
TCE 4 28.1
PERC 5 214.3

PHOTOVAC

START

3

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 9 2002 22:12
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 26 POST CARBON-3
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/FFF

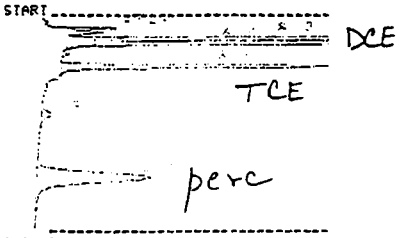
# RAW DATA SHEET

Date 7/10/02



Project: Mr. C's Dry Cleaners
East Aurora, NY

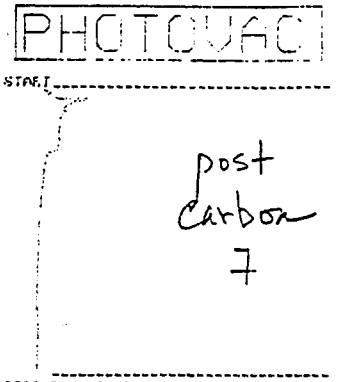
PHOTOVAC




STOP @ 756.2
SAMPLE LIBRARY 2 JUL 10 2002 15:41
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 21 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 21.8 | 518.8 nVS |
| UNKNOWN | 2 | 27.6 | 190.2 nVS |
| TRANS-1,2-DCE | 3 | 32.8 | |
| CIS-1,2-DCE | 4 | 44.2 | |
| TCE | 6 | 81.8 | |
| UNKNOWN | 7 | 153.2 | 352.3 nVS |
| UNKNOWN | 8 | 259.1 | 6.6 VS |

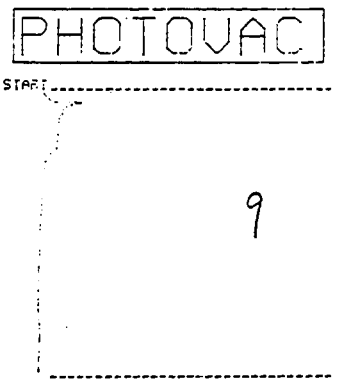
PHOTOVAC




STOP @ 458.0
SAMPLE LIBRARY 2 JUL 10 2002 15:53
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 23 POST CARBON-7
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 21.4 | |

PHOTOVAC




STOP @ 458.0
SAMPLE LIBRARY 2 JUL 10 2002 16:19
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-9
GAIN 20 250 MICROLITERS

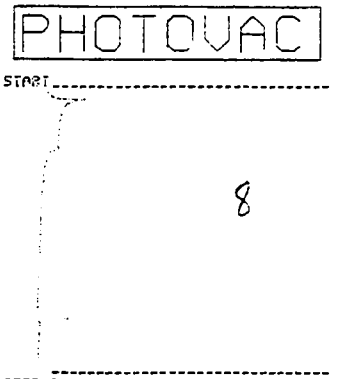
| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 21.6 | 117.1 nVS |

PHOTOVAC

SAMPLE LIBRARY 2 JUL 10 2002 15:43
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 21 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 21.8 | 518.8 nVS |
| UNKNOWN | 2 | 27.6 | 190.2 nVS |
| TRANS-1,2-DCE | 3 | 32.8 | |
| CIS-1,2-DCE | 4 | 44.2 | |
| TCE | 6 | 81.8 | |
| UNKNOWN | 7 | 153.2 | 352.3 nVS |
| PERC | 8 | 259.1 | |

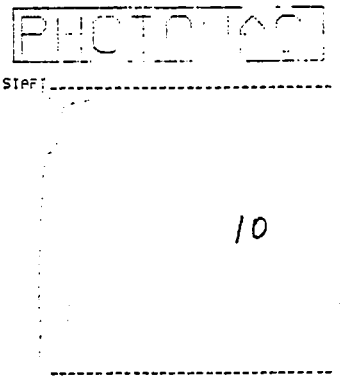
PHOTOVAC




STOP @ 458.0
SAMPLE LIBRARY 2 JUL 10 2002 16:03
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-8
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 21.5 | 136.8 nVS |

PHOTOVAC




STOP @ 458.0
SAMPLE LIBRARY 2 JUL 10 2002 16:33
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-10
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 21.6 | 205.2 nVS |

PHOTOVAC

| 2 COMPOUND | ID # | R.T. | LIMIT |
|---|---|---|---|
| PERC | 1 | | PPB |
| TOLUENE | 2 | | 0.000 PPB |
| TCE | 3 | | 0.000 PPB |
| CIS-1,2-DCE | 4 | | 0.000 PPB |
| VINYL CHLORIDE | 5 | 28.4 | 0.000 PPB |
| BENZENE | 6 | | 0.000 PPB |
| ETHYLBENZENE | 7 | 322.2 | 0.000 PPB |
| M-P-XYLENE | 8 | 355.5 | 0.000 PPB |
| MIBE | 9 | 41.5 | 0.000 PPB |
| O-XYLENE | 10 | 427.9 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 36.8 | 0.000 PPB |

# RAW DATA SHEET



**Project: Mr. C's Dry Cleaners**
**East Aurora, NY**

PHOTOVAC

START

Date

11

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 10 2002 16:48
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-11
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.7 | 271.3 mVS |

PHOTOVAC

START

12

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 10 2002 17: 5
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-12
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.7 | 347.2 mVS |

PHOTOVAC

START

13

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 10 2002 17:19
ANALYSIS # 8 MR.C-DRY CLEAN.
INTERNAL TEMP 23 POST CARBON-13
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.8 | 338.7 mVS |

PHOTOVAC

START

= 2

= 3

Effluent

↑ perc

= 5

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 10 2002 17:51
ANALYSIS # 9 MR.C-DRY CLEAN.
INTERNAL TEMP 25 EFFLUENT-WATER
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 21.7 | 249.8 mVS |
| TRANS-1,2-DCE | 2 | 27.8 | [illegible] PPB |
| TCE | 3 | 29.6 | 22.93 PPB |
| PERC | 4 | 243.4 | [illegible] PPM |

PHOTOVAC

START

= 2

TCE

Influent

perc

1-5 dil ±

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 10 2002 18:11
ANALYSIS # 10 MR.C-DRY CLEAN.
INTERNAL TEMP 25 INFLUENT
GAIN 20 40 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| TRANS-1,2-DCE | 2 | 28.0 | [illegible] PPB |
| TCE | 4 | 29.6 | [illegible] PPB |
| PERC | 5 | 243.1 | [illegible] PPM |

PHOTOVAC

START

= 2

= 3

= 4

= 5

Syringe Air Blank

= 6

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 10 2002 18:20
ANALYSIS # 11 MR.C-DRY CLEAN.
INTERNAL TEMP 25 SYRINGE AIR BLK
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 22.2 | 393.9 mVS |
| UNKNOWN | 2 | 26.2 | 115.3 mVS |
| UNKNOWN | 4 | 61.1 | 106.1 mVS |
| UNKNOWN | 5 | 152.4 | 458.8 mVS |

PHOTOVAC

[illegible]

(Standard)

PHOTOVAC

START

Cis-d Trans DCE

TCE

= 7

= 8

perc

= 9

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 16:16
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 21 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 23.6 | 197.9 mVS |
| UNKNOWN | 2 | 28.9 | 268.9 mVS |
| UNKNOWN | 3 | 33.3 | 7.8 VS |
| CIS-1,2-DCE | 4 | 46.2 | [illegible] PPB |
| TCE | 6 | 85.3 | [illegible] PPB |
| UNKNOWN | 7 | 165.2 | 292.7 mVS |
| UNKNOWN | 8 | 269.3 | 5.7 VS |
| UNKNOWN | 9 | 401.4 | 114.2 mVS |

# RAW DATA SHEET

Date 7/11/02

Page 7 of 11

Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

| | | | |
|---|---|---|---|
| PERC | 1 | 252.7 | 0.000 PPB |
| TOLUENE | 2 | 147.3 | 0.000 PPB |
| TCE | 3 | 85.3 | 0.000 PPB |
| CIS-1,2-DCE | 4 | 46.7 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 21.2 | 0.000 PPB |
| BENZENE | 6 | 67.0 | 0.000 PPB |
| ETHYLBENZENE | 7 | 348.6 | 0.000 PPB |
| M-P XYLENE | 8 | 370.3 | 0.000 PPB |
| MTBE | 9 | 43.2 | 0.000 PPB |
| O-XYLENE | 10 | 445.6 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 38.3 | 0.000 PPB |

PHOTOVAC

START

post carbon 14

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 16:42
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 22 POST CARBON-14
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

UNKNOWN 1 22.5 122.5 AVS

PHOTOVAC

START

15

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 16:59
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 22 POST CARBON-15
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

VINYL CHLORIDE 1 22.0 [illegible]

PHOTOVAC

START

16

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:19
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 23 POST CARBON-16
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

~~VINYL CHLORIDE~~ 1 21.9 ~~[illegible]~~

PHOTOVAC

START

17

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:36
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 23 POST CARBON-17
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

~~VINYL CHLORIDE~~ 1 21.8 ~~[illegible]~~

PHOTOVAC

START

18

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:49
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-18
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

~~VINYL CHLORIDE~~ 1 21.8 ~~[illegible]~~

PHOTOVAC

START

19

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:59
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-19
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

~~VINYL CHLORIDE~~ 1 21.6 ~~[illegible]~~

# RAW DATA SHEET



**Project: Mr. C's Dry Cleaners**
**East Aurora, NY**

PHOTOVAC

START

Date

20

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 18:13
ANALYSIS # 8 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-20
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| VINYL CHLORIDE | 1 | 21.7 | 265.8 PPB |

PHOTOVAC

START

= 1

22

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 12 2002 8:41
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 15 POST CARBON-22
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|

PHOTOVAC

START

24

= 2

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 12 2002 9:10
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 19 POST CARBON-24
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 25.9 | 1.2 US |

PHOTOVAC

START

21

= 3

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 18:27
ANALYSIS # 9 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-21
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| VINYL CHLORIDE | 1 | 22.0 | |

START

= 2

23

= 3

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 12 2002 8:55
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 16 POST CARBON-23
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 27.5 | 699.3 MUS |

PHOTOVAC

START

25

= 1

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 12 2002 9:19
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 19 POST CARBON-25
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| UNKNOWN | 1 | 23.9 | 1.9 US |

PHOTOVAC

START

= 1 TCE

= 4 perc

= 5 Effluent Water

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 11 2002 18:36
ANALYSIS # 10 MR.C-DRY CLEAN.
INTERNAL TEMP 25 EFFLUENT-WATER
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPB |
|---|---|---|---|
| VINYL CHLORIDE | 1 | 21.5 | |
| TRANS-1,2-DCE | 2 | 32.1 | |
| UNKNOWN | 3 | 77.5 | 193.2 MUS |
| UNKNOWN | 4 | 241.6 | 10.3 US |

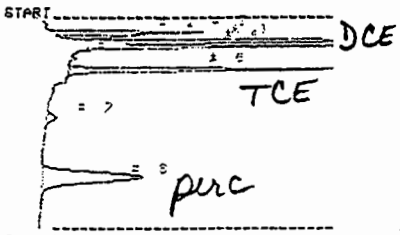
# RAW DATA SHEET

Date 7/12/02



Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC

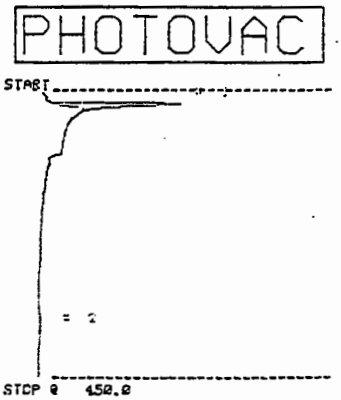



STOP @ 327.9
SAMPLE LIBRARY 2 JUL 12 2002 9:27
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 20 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 20.4 | 2.0 | US |
| UNKNOWN | 2 | 28.1 | 1.0 | US |
| TRANS-1,2-DCE | 3 | 38.2 | | |
| CIS-1,2-DCE | 4 | 45.5 | | |
| TCE | 6 | 80.0 | | |
| UNKNOWN | 7 | 158.0 | 298.2 | uUS |
| PERC | 8 | 254.2 | | |

Standard

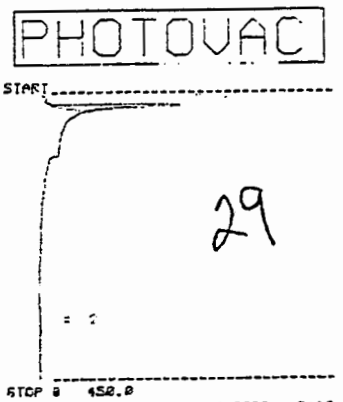
PHOTOVAC




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 12 2002 9:51
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 20 POST CARBON-27
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 22.6 | 1.6 | US |

PHOTOVAC




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 12 2002 10:10
ANALYSIS # 29 POST CARBON-29
INTERNAL TEMP 20 250 MICROLITERS
GAIN

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 22.2 | 1.7 | US |

PHOTOVAC

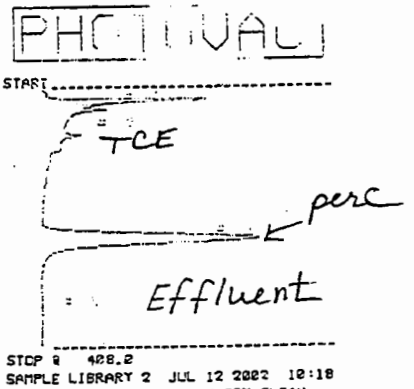
SAMPLE LIBRARY 2 JUL 12 2002 9:28
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 19 STANDARD
GAIN 22 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 20.4 | 2.0 | US |
| UNKNOWN | 2 | 28.1 | 1.0 | US |
| TRANS-1,2-DCE | 3 | 38.2 | | |
| CIS-1,2-DCE | 4 | 45.5 | | |
| TCE | 6 | 80.0 | | |
| UNKNOWN | 7 | 158.0 | 298.2 | uUS |
| PERC | 8 | 254.2 | | |

PHOTOVAC

| 2 COMPOUND | ID # | R.T. | LIMIT |
|---|---|---|---|
| PERC | 1 | 250.8 | 0.000 PPB |
| TOLUENE | 2 | 143.3 | 0.000 PPB |
| TCE | 3 | 80.0 | 0.000 PPB |
| CIS-1,2-DCE | 4 | 45.4 | 0.000 PPB |
| VINYL CHLORIDE | 5 | 20.6 | 0.000 PPB |
| BENZENE | 6 | 65.2 | 0.000 PPB |
| ETHYLBENZENE | 7 | 331.4 | 0.000 PPB |
| M-P XYLENE | 8 | 360.3 | 0.000 PPB |
| MTBE | 9 | 42.2 | 0.000 PPB |
| O-XYLENE | 10 | 433.6 | 0.000 PPB |
| TRANS-1,2-DCE | 11 | 37.3 | 0.000 PPB |

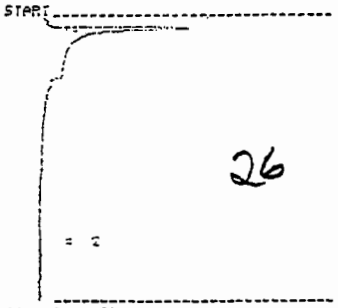
PHOTOVAC




STOP @ 428.2
SAMPLE LIBRARY 2 JUL 12 2002 10:18
ANALYSIS # 10 MR.C-DRY CLEAN.
INTERNAL TEMP 21 EFFLUENT-WATER
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 21.8 | 2.1 | US |
| TRANS-1,2-DCE | 2 | 37.5 | | |
| UNKNOWN | 3 | 78.2 | 250.9 | uUS |
| PERC | 4 | 245.1 | | |

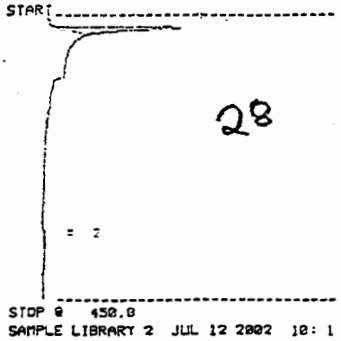
PHOTOVAC




STOP @ 452.2
SAMPLE LIBRARY 2 JUL 12 2002 9:38
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 19 ~~STANDARD~~
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 22.5 | 1.8 | US |

PHOTOVAC




STOP @ 450.8
SAMPLE LIBRARY 2 JUL 12 2002 10:1
ANALYSIS # 8 POST-DRY CLEAN.
INTERNAL TEMP 2 POST CARBON-29
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM | |
|---|---|---|---|---|
| UNKNOWN | 1 | 22.4 | 1.6 | US |

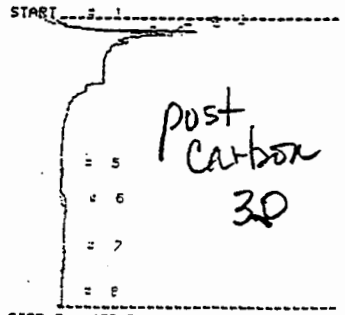
# RAW DATA SHEET

Date 7/13/02



Project: Mr. C's Dry Cleaners
East Aurora, NY

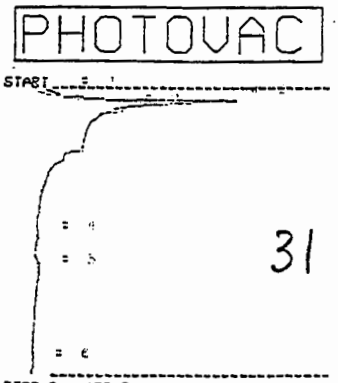
PHOTOVAC




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:31
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 21 POST CARBON-30
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | | 11.8 | 25.3 mVS |
| UNKNOWN | 6 | 21.6 | 180.8 mVS |
| UNKNOWN | | 320.3 | 16.3 mVS |
| TOT XYLENE | 7 | 374.2 | 16.03 PPB |

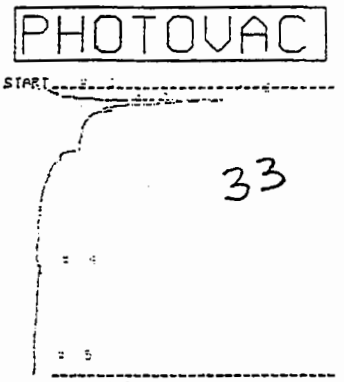
PHOTOVAC




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:48
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-31
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | | 11.8 | 118.2 mVS |
| UNKNOWN | 4 | 21.6 | 927.1 mVS |
| UNKNOWN | 5 | 290.7 | 176.8 mVS |

PHOTOVAC

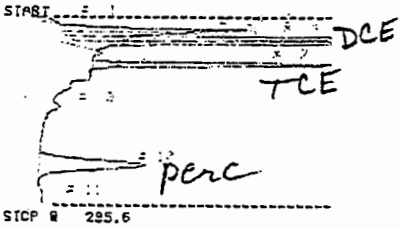



STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:06
ANALYSIS # 5 POST CARBON-33
INTERNAL TEMP 25
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.8 | 133.2 mVS |
| UNKNOWN | 2 | 21.6 | 751.3 mVS |

Standard

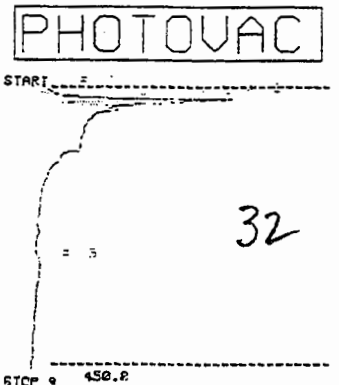
PHOTOVAC




STOP @ 295.6
SAMPLE LIBRARY 2 JUL 13 2002 22:37
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 23 STANDARD
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.2 | 187.9 mVS |
| INTL CHLORIDE | 2 | 21.6 | 2.5 VS |
| UNKNOWN | 4 | 25.8 | 8.1 VS |
| MIBE | 5 | 42.4 | |
| UNKNOWN | 7 | 56.7 | 5.6 VS |
| TOLUENE | 9 | 146.4 | |
| PERC | 10 | 239.5 | |

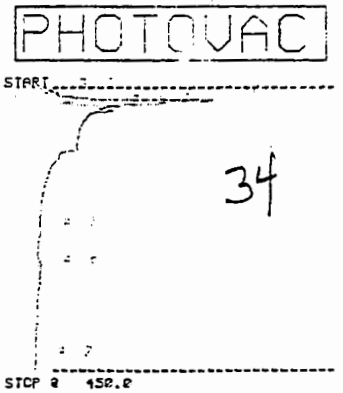
PHOTOVAC




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:57
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-32
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.3 | 110.4 mVS |
| UNKNOWN | 2 | 21.4 | 2.7 VS |
| UNKNOWN | 3 | 25.7 | 1.1 VS |

PHOTOVAC




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:14
ANALYSIS # 6 POST CARBON-34
INTERNAL TEMP 25
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 2 | 21.6 | 2.0 VS |
| UNKNOWN | 3 | 25.3 | 375.4 mVS |

PHOTOVAC



CALIBRATE PEAK AREA

SAMPLE LIBRARY 2 JUL 13 2002 22:40
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 23 STANDARD
GAIN 20 250 MICROLITERS

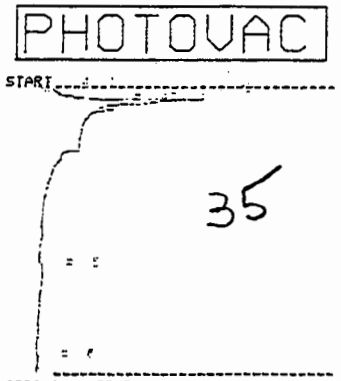
| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.2 | 187.9 mVS |
| UNKNOWN | 2 | 21.6 | 3.0 VS |
| UNKNOWN | 3 | 25.8 | 2.5 VS |
| TRANS-1,2-DCE | | | |
| CHLOROFORM | | | |
| PERC | 10 | | |

# RAW DATA SHEET

Date 7/13/02

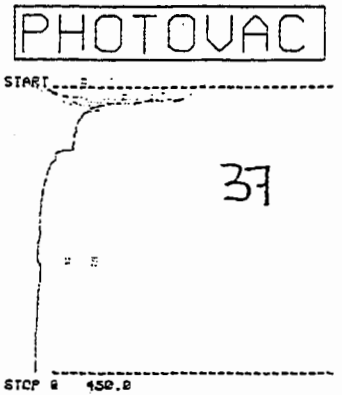


Project: Mr. C's Dry Cleaners
East Aurora, NY



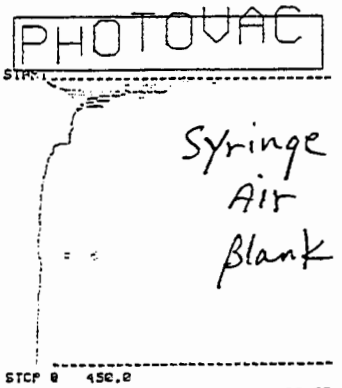

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:23
ANALYSIS # 6 MR.C-DRT CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.6 | 182.5 mVS |
| UNKNOWN | 2 | 21.6 | 538.1 mVS |



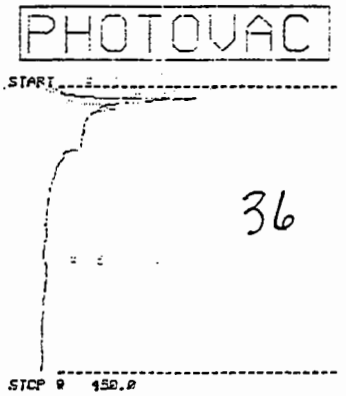

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:40
ANALYSIS # 8 MR.C-DRT CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.5 | 113.9 mVS |
| UNKNOWN | 2 | 21.5 | 625.1 mVS |



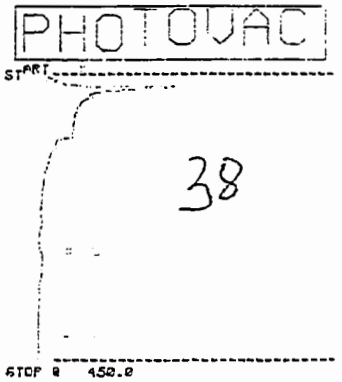

STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:57
ANALYSIS # 11 MR.C-DRT CLEAN.
INTERNAL TEMP 25 SYRINGE-AIR BLK
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 2 | 21.4 | 1.3 VS |
| UNKNOWN | 3 | 26.8 | 125.4 mVS |
| TRANS-1,2-DCE | 4 | 34.8 | |
| UNKNOWN | 5 | 41.5 | 162.2 mVS |




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:31
ANALYSIS # 8 MR.C-DRT CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 1 | 11.7 | 131.2 mVS |
| UNKNOWN | 2 | 21.4 | 1.3 VS |
| UNKNOWN | 3 | 25.7 | 706.1 mVS |
| MTBE | 4 | 32.2 | |




STOP @ 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:48
ANALYSIS # 10 MR.C-DRT CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS

| COMPOUND NAME | PEAK | R.T. | AREA/PPM |
|---|---|---|---|
| UNKNOWN | 2 | 21.5 | 565.9 mVS |

# Laboratory Analytical Reports

Week 1, Day 1 = 7/9/02 (Day 6 for analytical)
Week 1, Day 2 = 7/10/02 (Day 7 for analytical)
Week 1, Day 3 = 7/11/02 (Day 8 for analytical)
Week 1, Day 4 = 712/02 (Day 9for analytical)
Week 1, Day 5 = 713/02 (Day 10 for analytical)

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21302003

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4112

Matrix: (soil/water) WATER Lab Sample ID: 21302003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC624.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/1/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 500 | U |
| 75-1-4 | Vinyl Chloride | 500 | U |
| 74-83-9 | Bromomethane | 500 | U |
| 75-00-3 | Chloroethane | 500 | U |
| 67-64-1 | Acetone | 500 | U |
| 75-35-4 | 1,1-Dichloroethene | 500 | U |
| 75-15-0 | Carbon Disulfide | 500 | U |
| 75-09-2 | Methylene Chloride | 500 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 500 | U |
| 75-34-33 | 1,1-Dichloroethane | 500 | U |
| 78-93-3 | 2-Butanone | 500 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 500 | U |
| 67-66-3 | Chloroform | 500 | U |
| 71-55 6 | 1,1,1-Trichloroethane | 500 | U |
| 56-23-5 | Carbon Tetrachloride | 500 | U |
| 71-43-2 | Benzene | 500 | U |
| 107-06-2 | 1,2-Dichloroethane | 500 | U |
| 97-01-6 | Trichloroethene | 500 | U |
| 78-87-5 | 1,2-Dichloropropane | 500 | U |
| 75-27-4 | Bromodichloromethane | 500 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 500 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 500 | U |
| | MTBE | 54 | JD |
| 108-88-3 | Toluene | 500 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 500 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 500 | U |
| 591-78-6 | 2-Hexanone | 500 | U |
| 127-18-4 | Tetrachloroethene | 1600 | D |
| 124-48-1 | Dibromochloromethane | 500 | U |
| 108-90-7 | Chlorobenzene | 500 | U |
| 100-41-4 | Ethylbenzene | 500 | U |
| 108-38-3 | m,p-Xylene | 500 | U |
| 95-47-6 | o-Xylene | 500 | U |
| 100-42-5 | Styrene | 500 | U |
| 75-25-2 | Bromoform | 500 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 500 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

21302003

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: _____ SDG No.: VM4112

Matrix: (soil/water) WATER Lab Sample ID: 21302003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC624.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. _____ Date Analyzed: 8/1/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

MK.CS Day 6 Effluent

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21302004

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4112

Matrix: (soil/water) WATER Lab Sample ID: 21302004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC626.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/1/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-1-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-33 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 97-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 10 | U |
| | MTBE | 1 | J |
| 108-88-3 | Toluene | 10 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108-38-3 | m,p-Xylene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA 3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

21302004

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4112

Matrix: (soil/water) WATER Lab Sample ID: 21302004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC626.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/1/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

**Upstate Laboratories, Inc.**
6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

# Chain Of Custody Record

8/1 4pm

ULI Comments: Rush 5pm 8/1/02

| Client: | Client Project # / Project Name | No. of Containers | | | | | | | | | | Special Turnaround Time 24 hrs (Lab Notification required) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tyree Org | 9-15-157 Mr. C's | | | | | | | | | | | |
| Client Contact: Phil Holloway | Phone # 315 986-3200 | | | | | | | | | | | |
| Sample Location: | Site Location (city/state) East Aurora | | | | | | | | | | | |
| | Date | Time | Matrix | Grab or Comp. | ULI Internal Use Only | | 1) 95-1 | 2) A+BE | 3) | 4) | 5) | 6) | 7) | 8) | 9) | 10) | Remarks |
| Day 6 Influent | 7/31/02 | 11:50 | L | Grab | 2130203 | 2 | ✓ | ✓ | | | | | | | | | |
| Day 6 Effluent | 7/31/02 | 11:52 | L | Grab | 4 | 2 | ✓ | ✓ | | | | | | | | | 15th "B" |

| parameter and method | sample bottle: | type | size | pres. |
|---|---|---|---|---|
| 1) | | | | |
| 2) | | | | |
| 3) | | | | |
| 4) | | | | |
| 5) | | | | |
| 6) | | | | |
| 7) | | | | |
| 8) | | | | |
| 9) | | | | |
| 10) | | | | |

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Jen Kotch Jen Kotch
Company: Tyree

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☐ Pickup ☐ Dropoff
☒ CC CBL

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| [signature] | 7/31/02 | 3pm | [signature] |
| [signature] | 7/31/02 | 5:00 | |
| | | | |
| | 8-1-02 | 0901 | [signature] |

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

O-47

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21402049

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4115

Matrix. (soil/water) WATER Lab Sample ID: 21402049

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC645.D

Level (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/2/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 500 | U |
| 75-1-4 | Vinyl Chloride | 500 | U |
| 74-83-9 | Bromomethane | 500 | U |
| 75-00-3 | Chloroethane | 500 | U |
| 67-64-1 | Acetone | 500 | U |
| 75-35-4 | 1,1-Dichloroethene | 500 | U |
| 75-15-0 | Carbon Disulfide | 500 | U |
| 75-09-2 | Methylene Chloride | 500 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 500 | U |
| 75-34-33 | 1,1-Dichloroethane | 500 | U |
| 78-93-3 | 2-Butanone | 500 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 500 | U |
| 67-66-3 | Chloroform | 500 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 500 | U |
| 56-23-5 | Carbon Tetrachloride | 500 | U |
| 71-43-2 | Benzene | 500 | U |
| 107-06-2 | 1,2-Dichloroethane | 500 | U |
| 97-01-6 | Trichloroethene | 500 | U |
| 78-87-5 | 1,2-Dichloropropane | 500 | U |
| 75-27-4 | Bromodichloromethane | 500 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 500 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 500 | U |
| | MTBE | 53 | JD |
| 108-88-3 | Toluene | 500 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 500 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 500 | U |
| 591-78-6 | 2-Hexanone | 500 | U |
| 127-18-4 | Tetrachloroethene | 1900 | D |
| 124-48-1 | Dibromochloromethane | 500 | U |
| 108-90-7 | Chlorobenzene | 500 | U |
| 100-41-4 | Ethylbenzene | 500 | U |
| 108-38-3 | m,p-Xylene | 500 | U |
| 95-47-6 | o-Xylene | 500 | U |
| 100-42-5 | Styrene | 500 | U |
| 75-25-2 | Bromoform | 500 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 500 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

21402049

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4115

Matrix: (soil/water) WATER Lab Sample ID: 21402049

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC645.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/2/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21402050

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4115

Matrix (soil/water) WATER Lab Sample ID: 21402050

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC646.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/2/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-1-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-33 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 97-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 10 | U |
| | MTBE | 2 | J |
| 108-88-3 | Toluene | 10 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108-38-3 | m,p-Xylene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
21402050

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4115

Matrix: (soil/water) WATER Lab Sample ID: 21402050

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC646.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/2/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

# Chain Of Custody Record

ULI Computer Input Form

48 HRS
ADD 8/2/02

• E. Syracuse, NY 13057-1017
315) 437-0255 Fax 437-1209

| Client | Client Project # / Project Name | No of Containers | 95-1 | MtBE | | | | | | | | Special Turnaround Time 24 hour (Lab Notification required) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tyree Org | 9-15-157 Mr. C's Drycleaners | | | | | | | | | | | |
| Client Contact: Phil Holloway | Phone # 518/786 3200 | Site Location (city/state) East Aurora, NY | | | | | | | | | | |
| Sample Location | Date | Time | Matrix | Grab or Comp. | ULI Internal Use Only | | 1) | 2) | 3) | 4) | 5) | 6) | 7) | 8) | 9) | 10) | Remarks |
| Day 2 Influent | 8/1/02 | 950 | water | Grab | 21402045 | (2) | ✓ | ✓ | | | | | | | | | |
| Day 2 Effluent | 8/1/02 | 905 | water | Grab | 50 | (2) | ✓ | ✓ | | | | | | | | | |
| Tank D Effluent (Pilot Test) | 8/1/02 | 200 | water | Grab | 51 | (2) | ✓ | ✓ | | | | | | | | | |
| TRIP Blank | (8-1-02) | | water | | 52 | (1) | (X) | (X) | | | | | | | | | |

| Parameter and method | sample bottle: type | size | pres. |
|---|---|---|---|
| 95-1 | 40ml | VOA | NA |
| MtBE | 40ml | VOA | NA |

Sampled by: (Please Print) Jen Kotch Jen Kotch
Company: Tyree Org

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☐ Pickup ☐ Dropoff
☐ CC

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| Jen Kotch | 8/1/02 | 2:01 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| | 8/1/02 | 1701 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| | | | |
| Relinquished by: (Signature) | Date | Time | Rec'd for Lab by: (Signature) |
| | 8.2.02 | 0815 | K Crump |

* The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

Q-52

Day 8 Influent

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21702023

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4119

Matrix: (soil/water) WATER Lab Sample ID: 21702023, TYREE,

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC666.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/5/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 200 | U |
| 75-1-4 | Vinyl Chloride | 200 | U |
| 74-83-9 | Bromomethane | 200 | U |
| 75-00-3 | Chloroethane | 200 | U |
| 67-64-1 | Acetone | 200 | U |
| 75-35-4 | 1,1-Dichloroethene | 200 | U |
| 75-15-0 | Carbon Disulfide | 200 | U |
| 75-09-2 | Methylene Chloride | 200 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 200 | U |
| 75-34-33 | 1,1-Dichloroethane | 200 | U |
| 78-93-3 | 2-Butanone | 200 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 200 | U |
| 67-66-3 | Chloroform | 23 | JD |
| 71-55-6 | 1,1,1-Trichloroethane | 200 | U |
| 56-23-5 | Carbon Tetrachloride | 200 | U |
| 71-43-2 | Benzene | 200 | U |
| 107-06-2 | 1,2-Dichloroethane | 200 | U |
| 97-01-6 | Trichloroethene | 40 | JD |
| 78-87-5 | 1,2-Dichloropropane | 200 | U |
| 75-27-4 | Bromodichloromethane | 200 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 200 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 200 | U |
| | MTBE | 53 | JD |
| 108-88-3 | Toluene | 200 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 200 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 200 | U |
| 591-78-6 | 2-Hexanone | 200 | U |
| 127-18-4 | Tetrachloroethene | 1700 | D |
| 124-48-1 | Dibromochloromethane | 200 | U |
| 108-90-7 | Chlorobenzene | 200 | U |
| 100-41-4 | Ethylbenzene | 200 | U |
| 108-38-3 | m,p-Xylene | 200 | U |
| 95-47-6 | o-Xylene | 200 | U |
| 100-42-5 | Styrene | 200 | U |
| 75-25-2 | Bromoform | 200 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 200 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
21702023

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4119

Matrix: (soil/water) WATER Lab Sample ID: 21702023, TYREE,

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC666.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/5/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21702024

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4119

Matrix. (soil/water) WATER Lab Sample ID: 21702024, TYREE,

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC667.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/5/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-1-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156 60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-33 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 97-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 10 | U |
| | MTBE | 2 | J |
| 108-88-3 | Toluene | 10 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108-38-3 | m,p-Xylene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
21702024

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4119

Matrix: (soil/water) WATER Lab Sample ID: 21702024, TYREE,

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC667.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/5/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

TRIP Blank

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21702025

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4119

Matrix: (soil/water) WATER Lab Sample ID: 21702025, TYREE,

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC668.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/5/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-1-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-33 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 67-66-3 | Chloroform | 4 | J |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 97-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 2 | J |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 10 | U |
| | MTBE | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108-38-3 | m,p-Xylene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
21702025

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4119

Matrix: (soil/water) WATER Lab Sample ID: 21702025, TYREE,

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC668.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/5/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

# Chain Of Custody Record

6034 Corporate Drive • E. Syracuse, NY 13057-1017
315) 437 0255 Fax 437 1209

ULI Computer Input Form 5/5

Client: Tyree Org

Client Project # / Project Name: 9-15-157 Mr C's

Client Contact: Phil Holloway

Phone # 315/256 3200

Site Location (city/state): East Aurora

Special Turnaround Time 24 hour (Lab Notification required)

| Sample Location: | Date | Time | Matrix | Grab or Comp. | ULI Internal Use Only | No. of Containers | 1) | 2) | 3) | 4) | 5) | 6) | 7) | 8) | 9) | 10) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Up Y Tuffunt | 8/2/02 | 1055 | water | Grab | 21702023 | (2) | X | S | | | | | | | | | |
| Up & Effluent | 8/2/02 | 1057 | " | Grab | 24 | (2) | X | X | | | | | | | | | JSP "B" |
| Trip Blank | 8.2.02 | | water | " | 25 | (1) | (X) | (X) | | | | | | | | | |
| | | | pp 8.5 | 2 | | | | | | | | | | | | | |

| Parameter and method | sample bottle: | type | size | pres. |
|---|---|---|---|---|
| | | | | |

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Jen Kotch

Company: Tyree Org

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☑ Pickup ☐ Dropoff
☑ CC COR

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
|---|---|---|---|
| | 8/2/02 | 1:00 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| | 8/2/02 | 1700 | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) |
| | | | |
| Relinquished by: (Signature) | Date | Time | Rec'd for Lab by: (Signature) |
| | 8.5.02 | 0815 | K Crump |

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

Q-59

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DAY 8 EFFLUENT

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1162

Matrix: (soil/water) WATER Lab Sample ID: A1162-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1794

Level: (low/med) LOW Date Received: 08/05/02

% Moisture: not dec. _____ Date Analyzed: 08/05/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 10 | U |
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-69-4 | Trichlorofluoromethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 79-20-9 | Methyl Acetate | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 3 | J |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 110-82-7 | Cyclohexane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |

PRELIMINARY

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DAY 8 EFFLUENT

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1162

Matrix: (soil/water) WATER Lab Sample ID: A1162-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1794

Level: (low/med) LOW Date Received: 08/05/02

% Moisture: not dec. _____ Date Analyzed: 08/05/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 10 | U |
| 108-87-2 | Methylcyclohexane | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 106-93-4 | 1,2-Dibromoethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 98-82-8 | Isopropylbenzene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 10 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 10 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 10 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 10 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | U |

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1162

Matrix: (soil/water) WATER Lab Sample ID: A1162-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1795

Level: (low/med) LOW Date Received: 08/05/02

% Moisture: not dec. _____ Date Analyzed: 08/05/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 10 | U |
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-69-4 | Trichlorofluoromethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 79-20-9 | Methyl Acetate | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 110-82-7 | Cyclohexane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |

PRELIMINARY

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1162

Matrix: (soil/water) WATER Lab Sample ID: A1162-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1795

Level: (low/med) LOW Date Received: 08/05/02

% Moisture: not dec. _____ Date Analyzed: 08/05/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-01-6 | Trichloroethene | 10 | U |
| 108-87-2 | Methylcyclohexane | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 106-93-4 | 1,2-Dibromoethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 98-82-8 | Isopropylbenzene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 10 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 10 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 10 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 10 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | U |

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1209

Matrix: (soil/water) WATER Lab Sample ID: A1209-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9654

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1208

Matrix: (soil/water) AIR Lab Sample ID: A1208-01A

Sample wt/vol: _____ (g/mL) ML Lab File ID: V6C2082

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 1634-04-4 | Methyl tert-butyl ether | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1208

Matrix: (soil/water) AIR Lab Sample ID: A1208-01A

Sample wt/vol: _____ (g/mL) ML Lab File ID: V6C2082

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1209

Matrix: (soil/water) WATER Lab Sample ID: A1209-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9655

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | INVOICE TO | | |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3290 | COMPANY SAme | PHONE | LAB PROJECT #: A1208 |
| NAME Phil Holloway | FAX 518/786 9223 | NAME | FAX | |
| ADDRESS 4 Northway Lane | | ADDRESS | | TURNAROUND TIME See below |
| CITY/ST/ZIP Latham, NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| | | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: TO-2 ASPS-14/MTBE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Day 5 week 2 Post Carbon | 8/14/02 1345 | | | | | X | 01 | 1 | X | 24 hour |
| Day 5 week 2 A/S Effluent | 8/14/02 1350 | | | X | | | | 2 | X X | 48 hour |
| Trip Blank | / | | | X | | | | | X X | |
| Temp Blank | / | | | X | | | | | | |
| | / | | | X | | | | | | |
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| TSR# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME | ADDITIONAL REMARKS: | COOLER TEMP |
|---|---|---|---|---|---|---|
| 1 | | 8/14/02 / | | 8-14-02 1024 | | 4/2° |
| 2 | | / | | / | | |
| 3 | | / | | / | | |

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

0-68

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | INVOICE TO | | LAB PROJECT #: |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3290 | COMPANY Same | PHONE | A1209 |
| NAME Phil Holloway | FAX 518/786 9322 | NAME | FAX | |
| ADDRESS 4 Northway Lane | | ADDRESS | | TURNAROUND TIME See below |
| CITY/ST/ZIP Latham, NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| | | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: TO-2 ASPS-1+MTBE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Day 5 week 2 Post Carbon | 8/14/02 1345 | | | | | X | | 1 | X | 24 hour |
| Day 5 week 2 A/S Effluent | 8/14/02 1350 | | | X | | | 01 | 2 | X X | 48 hour |
| Trip Blank | / | | | X | | | 02 | | X X | |
| Temp Blank | / | | | X | | | | | | |
| | / | | | X | | | | | | |
| | / | | | | | | | | | |
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| | / | | | | | | | | | |
| | / | | | | | | | | | |
| | / | | | | | | | | | |

| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | | 8/14/02 / | | 8-14-02 1024 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:

COOLER TEMP: 4°C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

69-0

**pstate Laboratories, Inc.**
4 Corporate Drive • E. Syracuse, NY 13057-1017
5) 437 0255 Fax 437 1209

# Chain Of Custody Record

246 hrs
ULI Sample Receipt Form 8/6/02

| | | |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AIREFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1172

Matrix: (soil/water) AIR Lab Sample ID: A1172-01A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C1960

Level: (low/med) LOW Date Received: 08/07/02

% Moisture: not dec. _____ Date Analyzed: 08/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DAY10EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1172

Matrix: (soil/water) WATER Lab Sample ID: A1172-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1877

Level: (low/med) LOW Date Received: 08/07/02

% Moisture: not dec. _____ Date Analyzed: 08/08/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1172

Matrix: (soil/water) WATER Lab Sample ID: A1172-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1878

Level: (low/med) LOW Date Received: 08/07/02

% Moisture: not dec. _____ Date Analyzed: 08/08/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1181

Matrix: (soil/water) AIR Lab Sample ID: A1181-01A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C1961

Level: (low/med) LOW Date Received: 08/08/02

% Moisture: not dec. _____ Date Analyzed: 08/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | |
|---|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786-3200 | | COMPANY Tyree Org | PHONE | LAB PROJECT #: A1172 |
| NAME Phil Holloway | FAX 518/786-9723 | | NAME Same | FAX | |
| ADDRESS 4 Northway Lane | | | ADDRESS | | TURNAROUND TIME: 48 hour |
| CITY/ST/ZIP Latham, NY 12110 | | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mr C's | 9-15-157 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | TO-2 | 95-1 | MTBE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Air Effluent Day 10 | 8/6/02 / 1010 | | X | | | X | A1172-01 | 1 | ✓ | | | |
| Day 10 Effluent | 8/6/02 / 1010 | | X | X | | | A1172-02 | 2 | | ✓ | ✓ | |
| Trip Blank | / | | | X | | | A1172-03 | 1 | | | | |
| Temp Blank | / | | | X | | | | | | | | |
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| | / | | | | | | | | | | | |

| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | Jen Hatch | 8/6/02 / 1200 | Sara Vrabkowski | 8-7-02 / 0900 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:

COOLER TEMP 3°C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

0-75

Day 7 Effluent

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21802001

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: _____ SDG No.: VM4118

Matrix: (soil/water) WATER Lab Sample ID: 21802001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC686.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. _____ Date Analyzed: 8/6/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-1-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-33 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 97-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 10 | U |
| | MTBE | 2 | J |
| 108-88-3 | Toluene | 10 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108-38-3 | m,p-Xylene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

21802001

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4118

Matrix: (soil/water) WATER Lab Sample ID: 21802001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC686.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/6/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21802002

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4118

Matrix: (soil/water) WATER Lab Sample ID: 21802002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC687.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/6/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-1-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-33 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 67-66-3 | Chloroform | 4 | J |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 97-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 2 | J |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-1-5 | cis-1,3-Dichloropropene | 10 | U |
| | MTBE | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-2-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108-38-3 | m,p-Xylene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

21802002

Lab Name: UPSTATE LABS INC. Contract: TYREE

Lab Code: 10170 Case No.: 01 SAS No.: SDG No.: VM4118

Matrix. (soil/water) WATER Lab Sample ID: 21802002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: CC687.D

Level: (low/med) LOW Date Received: 7/11/02

% Moisture: not dec. Date Analyzed: 8/6/02

GC Column: RTX-VO ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

| CAS NO. | COMPOUND NAME | | RT | EST. CONC. | Q |
|---|---|---|---|---|---|

# Weekly O&M Report

| | |
|---|---|
| Contract Number: D004180 | Site Name: Mr. C's Dry Cleaners |
| Site Number: 9-15-157 | Location: East Aurora, NY |

Week #2 Days 1- 7 August 7 – August 15

System On-line at 10:00 on Wednesday August 7, 2002.

Daily System Up-Time Percentage:

8/7/02 to 8/8/02: 7.5/8 hours = 94%
8/8/02 to 8/9/02: 8/8 hours = 100%
8/9/02 to 8/10/02: 8/8 hours = 100%
8/10/02 to 8/11/02: 8/8 hours = 100%
8/12/02 to 8/13/02: 8/8 hours = 100%
8/13/02 to 8/14/02: 8/8 hours = 100%
8/14/02 to 8/15/02: 8/8 hours = 100%

Note: Down time on 8/7/02 due to high stripper alarm.

System Operating Conditions:

-As of 8/7/02, both effluent pump1 and effluent pump 2 were run to avoid high stripper alarm.

Week #1 Sampling:

-Collected daily water sample from Air Stripper Effluent
-Collected total of 38 Post Carbon air samples.

Note: samples taken daily. Water samples were immediately sent to the lab. Air samples were analyzed on-site.

System operated and maintained by: David Pachan
Sampling performed by: David Pachan

# System Check Form

Mr. C's Dry Cleaners
Date 7/31/02
6th Day of Start up
Day 6 3 hour system test
System check preformed by: Jen Kotch

The system was turned on at 8:30
The 3 hour test started at 9:15 and ended at 12:15
11885.9 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 11:52

| Time: | 9:15 AM | 9:45 | 10:15 | 10:45 | 11:15 | 11:45 | 12:15 | |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 113 | 72 | 87 | 74 | 87 | 70 | 0 | |
| Influent Totalizer Gal | 59757 | 62127 | 64532 | 66992 | 69704 | 72450 | 74413 | Start Total 59683 |
| Meter pump pressure gauge- psi | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Bag Filter top psi | 2 | 2 | 3 | 3 | 3 | 3 | 3 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 0 | 3 | 3 | 3 | 3 | 3 | 0 | |
| Air Stripper Velocity in/water | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | |
| Air Stripper Vacuum in/water | 8 | 16.5 | 16.5 | 17 | 17 | 17 | 15 | |
| Effluent Pump Pressure Gauge psi | 2 | 5 | 5 | 6 | 6 | 6 | 8 | |
| Effluent Flow rate: gal/min | 0 | 78.6 | 79.3 | 78.2 | 76 | 73.1 | 73.3 | |
| Effluent totalizer- gal | 0 | 765 | 2899 | 5140 | 7582 | 10085 | 11796 | |
| Holding Tank Level | 2 | 5 | 5 | 5 | 5 | 5 | 5 | |

Mr. C's Dry Cleaners
Date 8/1/02
7th Day of Start up
Day7 3 hour system test
System check preformed by: Jen Kotch

The system was turned on at 7:00AM
The 3 hour test started at 7:10AM and ended at 10:10AM
13379.6 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 9:55AM

| Time: | 7:10 AM | 7:40 | 8:10 | 8:40 | 9:10 | 9:40 | 10:10 | |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 100 | 71 | 71 | 79 | 67.9 | 77 | 0 | |
| Influent Totalizer Gal | 74455 | 76435 | 77849 | 81550 | 83292 | 85763 | 87898 | Start 74455 |
| Meter pump pressure gauge- psi | 1 | 1 | 1 | 1 | 3 | 3 | 3 | |
| Bag Filter top psi | 5 | 5 | 5 | 5 | 5 | 5 | 0 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 0 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Air Stripper Velocity in/water | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | |
| Air Stripper Vacuum in/water | 9 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 17 | |
| Effluent Pump Pressure Gauge psi | 0 | 6 | 6 | 6 | 6 | 6 | 6 | |
| Effluent Flow rate: gal/min | 0 | 92 | 87 | 85 | 83.5 | 81 | 75 | |
| Effluent totalizer- gal | 0 | 1586 | 2913 | 6459 | 8142 | 10374 | 12487 | |
| Holding Tank Level | 5 | 5 | 5 | 5 | 5 | 4 | 4 | |

| Sample | PH | Temp |
|---|---|---|
| Day 7 Influent | 7.21 | 21.9 C |
| Day 7 Effluent | 8.29 | 21.3C |

Mr. C's Dry Cleaners
Date 8/2/01
8TH Day of Start up
Day 8 3 hour system test
System check preformed by: Jen Kotch

The system was turned on at 8:00
The 3 hour test started at 8:10 and ended at 11:10AM
11637 total gallons of ground water was treated through the system and discharged to frack tank

An effluent water sample was taken at 10:57

| Time: | 8:10 AM | 8:40 | 9:10 | 9:40 | 10:10 | 10:40 | 11:10 | |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 79 | 68 | 69 | 69 | 68 | 70 | 66 | |
| Influent Totalizer Gal | 87936 | 90290 | 92517 | 94578 | 96668 | 98916 | 100775 | Start 87919 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Bag Filter top psi | 6 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 0 | 5 | 5 | 5 | 5 | 5 | 5 | |
| Air Stripper Velocity in/water | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | |
| Air Stripper Vacuum in/water | 8 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | |
| Effluent Pump Pressure Gauge psi | 0 | 6 | 6 | 6 | 6 | 6 | 6 | |
| Effluent Flow rate: gal/min | 0 | 87 | 84 | 84 | 81 | 80 | 76 | |
| Effluent totalizer- gal | 0 | 1191 | 3534 | 5477 | 7633 | 9924 | 11637 | |
| Holding Tank Level | 2 | 5 | 5 | 5 | 5 | 5 | 4 | |

| Sample | PH | Temp |
|---|---|---|
| Day 8 Influent | 7.45 | 22.2 C |
| Day8g Effluent | 7.96 | 22.6 C |

Mr. C's Dry Cleaners
Date 8/3/02
9 th Day of Start up
Day 9 3 hour system test
System check preformed by: Jen Kotch

The system was turned on at 13:25
The 3 hour test started at 1:30 and ended at 4:30
11021 total gallons of ground water was treated through the system and discharged to Tannery Brook

An effluent water sample was taken at 16:10

| Time: | 1:30 PM | 2:00 | 2:30 | 3:00 | 3:30 | 4:00 | 4:30 | |
|---|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 100 | 76.3 | 79 | 65 | 75 | 68 | 62 | |
| Influent Totalizer Gal | 100912 | 103357 | 105792 | 106953 | 108571 | 111150 | 112210 | Start 100829 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | 3 | 3 | 3 | 0 | |
| Bag Filter top psi | 6 | 5 | 5 | 5 | 5 | 5 | 0 | |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 0 | 3 | 3 | 3 | 3 | 3 | 0 | |
| Air Stripper Velocity in/water | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | |
| Air Stripper Vacuum in/water | 8 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | |
| Effluent Pump Pressure Gauge psi | 0 | 3 | 3 | 3 | 3 | 3 | 3 | |
| Effluent Flow rate: gal/min | 0 | 69 | 66 | 68 | 67 | 68 | 0 | |
| Effluent totalizer- gal | 0 | 1191 | 4423 | 5642 | 6993 | 9744 | 11021 | |
| Holding Tank Level | 3 | 5 | 5 | 5 | 5 | 4 | 4 | |

| Sample | PH | Temp |
|---|---|---|
| DAY 8 Effluent | 7.92 | 20.6 C |

Mr. C's Dry Cleaners
Date 8/6/02
10 th Day of Start up
Day 10 3 hour system test
System check preformed by: Jen Kotch

The system was turned on at 7:28
The 3 hour test started at 7:30 and ended at 10:30
10945 total gallons of ground water was treated through the system and discharged to Tannery Brook

An effluent water sample was taken at 10:10

| Time: | 7:30 AM | 8:00 | 8:30 | 9:00 | 9:30 | 10:00 | 10:30 |
|---|---|---|---|---|---|---|---|
| Influent Flow Rate | 92 | 77 | 76 | 82 | 86 | 84 | 0 |
| Influent Totalizer Gal | 112891 | 114443 | 116886 | 118915 | 121817 | 123811 | 126127 |
| Meter pump pressure gauge-psi | 3 | 3 | 3 | 3 | 3 | 3 | 0 |
| Bag Filter top psi | 5 | 5 | 5 | 5 | 5 | 5 | 0 |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Influent pump pressure gauge psi | 0 | 3 | 3 | 3 | 4 | 4 | 0 |
| Air Stripper Velocity in/water | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.34 |
| Air Stripper Vacuum in/water | 9 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 14 |
| Effluent Pump Pressure Gauge psi | 0 | 3 | 3 | 3 | 3 | 3 | 0 |
| Effluent Flow rate: gal/min | 0 | 75 | 75 | 75 | 75 | 75 | 0 |
| Effluent totalizer- gal | 0 | 299 | 2128 | 4049 | 6659 | 9410 | 10945 |
| Holding Tank Level | 2 | 5 | 4 | 4 | 3 | 3 | 2 |

| Sample | PH | Temp |
|---|---|---|
| DAY 10 Effluent | 7.92 | 18.4 C |

# Laboratory Analytical Reports

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1180

Matrix: (soil/water) WATER Lab Sample ID: A1180-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9594

Level: (low/med) LOW Date Received: 08/08/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1180

Matrix: (soil/water) WATER Lab Sample ID: A1180-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9595

Level: (low/med) LOW Date Received: 08/08/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | INVOICE TO | | |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | COMPANY Same ← | PHONE | LAB PROJECT #: A1180 |
| NAME Phil Holloway | FAX 518/786 9723 | NAME | FAX | |
| ADDRESS 4 Northway Lane | | ADDRESS | | TURNAROUND TIME: See Comments ↓ |
| CITY/ST/ZIP Latham, NY 12110 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mr. C's | 9-15-15> | |

REQUESTED ANALYSES: ASP-1, M+BE, TCL-2, SK

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| Day1/week2 A/S Eff | 8/7/01 810 | | X | X | | | 01 | 2 | 48 hour turnaround |
| Day1/week 2 Post Chlor | 8/7/01 810 | | X | | | X | | 1 | 24 hour turnaround |
| MS/MSD Day1/week2 | 8/7/01 810 | | X | X | | | 01 | 2 | 48 hour turnaround |
| Trip Blank | / | | | X | | | 02 | 1 | |
| Temp Blank | / | | | X | | | | 1 | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |
| | / | | | | | | | | |

| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | [signature] | 8/7/01 400 | [signature] | 8-8-01 10:00 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS: MS/MSD = A/S Effluent

COOLER TEMP: 4°C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

**MITKEM CORPORATION**

175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | |
|---|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | | COMPANY Same ← | PHONE | LAB PROJECT #: A1181 |
| NAME Phil Holloway | FAX 518/786 9723 | | NAME | FAX | |
| ADDRESS 4 Northway Lane | | | ADDRESS | | TURNAROUND TIME: See Comments ↓ |
| CITY/ST/ZIP Latham, NY 12110 | | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mr. C's | 9-15-15> | |

REQUESTED ANALYSES: ASP-1 | M+BE | SIM PAH-2

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | ASP-1 | M+BE | SIM PAH-2 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day1/week2 A/S Eff | 8/7/15 8:10 | | X | X | | | | 2 | X | X | | 48 hour turnaround |
| Day1/week2 Post CHA | 8/7/15 8:10 | | X | | | X | 01 | 1 | | | X | 24 hour turn Around |
| MS/MSD Day1/week2 | 8/7/15 8:10 | | X | X | | | | 2 | X | X | | 48 hour turn Around |
| Trip Blank | / | | | X | | | | 1 | | | | |
| Temp Blank | / | | | X | | | | 1 | | | | |
| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |
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| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |

| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | John Kotz | 8/7/15 4:00 | Arthur Rad | 8-8-15 10:00 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS: MS/MSD = A/S Effluent

COOLER TEMP: 4°C

WHITE: LABORATORY COPY  YELLOW: REPORT COPY  PINK: CLIENT'S COPY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1188

Matrix: (soil/water) AIR Lab Sample ID: A1188-01A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C1986

Level: (low/med) LOW Date Received: 08/09/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 142-28-9 | 1,3-Dichloropropane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 106-93-4 | 1,2-Dibromoethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 98-82-8 | Isopropylbenzene | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |
| 108-86-1 | Bromobenzene | 1 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 1 | U |
| 103-65-1 | n-Propylbenzene | 1 | U |
| 95-49-8 | 2-Chlorotoluene | 1 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1 | U |
| 106-43-4 | 4-Chlorotoluene | 1 | U |
| 98-06-6 | tert-Butylbenzene | 1 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1 | U |
| 135-98-8 | sec-Butylbenzene | 1 | U |
| 99-87-6 | 4-Isopropyltoluene | 1 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1 | U |
| 104-51-8 | n-Butylbenzene | 1 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 1 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1 | U |
| 87-68-3 | Hexachlorobutadiene | 1 | U |
| 91-20-3 | Naphthalene | 1 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AIRS EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1187

Matrix: (soil/water) WATER Lab Sample ID: A1187-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9596

Level: (low/med) LOW Date Received: 08/09/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1187

Matrix: (soil/water) WATER Lab Sample ID: A1187-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9597

Level: (low/med) LOW Date Received: 08/09/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

**MITKEM CORPORATION**

175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | |
|---|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | | COMPANY Same & | PHONE | LAB PROJECT #: A1187 |
| NAME Phil Holloway | FAX 518/786 9723 | | NAME | FAX | |
| ADDRESS 4 North Way Lane | | | ADDRESS | | TURNAROUND TIME: See below |
| CITY/ST/ZIP Latham, NY 12210 | | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| | | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: ASP 95-1 | TO-2 | M+BE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D4Y2 Week 1 Fin-S Effluent | 8/8/02 2:30 | | X | X | | | 01 | 2 | X | | X | 48 hours |
| * D4Y2 Week 1 Post Carbon | 8/8/02 2:30 | | X | | | X | | 1 | | X | | 24 hours |
| Trip Blank | / | | | X | | | 02 | 1 | | | | |
| Temp Blank | / | | | X | | | | 1 | | | | |
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| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | Jen Zotti | 8/8/02 4:00 | [signature] | 8-9-02 1000 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:
* D4Y2 WEEK 2 POST CARBON PER CLIENT
ID WAS WRONG CORRECTED OVER PHONE (NJ) 8-9-02

COOLER TEM 3°C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

86-0

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD



| REPORT TO | | INVOICE TO | | LAB PROJECT #: |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | COMPANY SAME ← | PHONE | A1188 |
| NAME Phil Holloway | FAX 518/786 9723 | NAME | FAX | TURNAROUND TIME: |
| ADDRESS 4 Northway Lane | | ADDRESS | | See below |
| CITY/ST/ZIP Latham, NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| | | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: ASP95-1 | TO-2 | M+BE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY 2 Week 1 Air Effluent | 8/8/02 2:30 | | X | X | | | | 2 | X | | X | 48 hours |
| * DAY 2 Week 1 Post Carbon | 8/8/02 2:30 | | X | | | X | 01 | 1 | | X | | 24 hours |
| Trip Blank | / | | | X | | | | 1 | | | | |
| Temp Blank | / | | | X | | | | 1 | | | | |
| | / | | | | | | | | | | | |
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| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | Jen Zolch | 8/8/02 4:00 | Cathy Knull | 8-9-02 10:00 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:
* DAY 2 WEEK 2 POST CARBON PER CLIENT
ID WAS WRONG CORRECTED OVER PHONE (NJ) 8-9-02

COOLER TEMP: 3C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

66-0

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1195

Matrix: (soil/water) WATER Lab Sample ID: A1195-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9598

Level: (low/med) LOW Date Received: 08/12/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 3 | J |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1196

Matrix: (soil/water) AIR Lab Sample ID: A1196-01A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C1987

Level: (low/med) LOW Date Received: 08/12/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1195

Matrix: (soil/water) WATER Lab Sample ID: A1195-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9599

Level: (low/med) LOW Date Received: 08/12/02

% Moisture: not dec. _____ Date Analyzed: 08/12/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | |
|---|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | | COMPANY Same | PHONE | LAB PROJECT #: A1198 |
| NAME Phil Holloway | FAX 518/786 9723 | | NAME | FAX | TURNAROUND TIME: See below |
| ADDRESS 4 Northway Lane | | | ADDRESS | | |
| CITY/ST/ZIP Latham NY 12210 | | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mc'C's | 9-15-157 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | ASP 95-1 | MTBE | TO-2 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Days weeks Effluent | 8/9/02 1250 | X | | X | | | 01 | 2 | X | X | | 48 hour |
| Days weeks Post Carbon | 8/9/02 1255 | X | | | | X | | 1 | | | X | 24 hour |
| Trip Blank | 8/9/02 12 | | | X | | | 02 | 1 | X | X | | |
| Temp Blank | 8/9/02 / | | | X | | | | 1 | | | | |
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| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | John Hotek | 8/9/02 1715 | Kathy Russell | 8-12-02 1045 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:

COOLER TEMP 4C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

Q-103

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | |
|---|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | | COMPANY Same ↵ | PHONE | LAB PROJECT #: A1196 |
| NAME Phil Holloway | FAX 518/786 9723 | | NAME | FAX | |
| ADDRESS 4 Northway Lane | | | ADDRESS | | TURNAROUND TIME: See below ↓ |
| CITY/ST/ZIP Latham NY 12210 | | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mc C's | 9-15-157 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | * ASP 95-1 | MTBE | TO-2 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DA73 Effluent | 8/9/02 1255 | X | | X | | | 01 | 2 | X | X | | 48 hour |
| DA73 Post Carbon | 8/9/02 1255 | X | | | | X | 01 | 1 | | | X | 24 hour |
| Trip Blank | 8/9/02 17 | | | X | | | 01 | 1 | X | X | | |
| Temp Blank | 8/9/02 | | | X | | | | 1 | | | | |
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| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | Jh Hotel | 8/9/02 1715 | [signature] | 8-12-02 1045 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:

COOLER TEMP: 4°c

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1202

Matrix: (soil/water) WATER Lab Sample ID: A1202-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9624

Level: (low/med) LOW Date Received: 08/13/02

% Moisture: not dec. _____ Date Analyzed: 08/13/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1202

Matrix: (soil/water) WATER Lab Sample ID: A1202-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9625

Level: (low/med) LOW Date Received: 08/13/02

% Moisture: not dec. _____ Date Analyzed: 08/13/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 2 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

PRELIMINARY

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1201

Matrix: (soil/water) AIR Lab Sample ID: A1201-01A

Sample wt/vol: _____ (g/mL) ML Lab File ID: V6C2046

Level: (low/med) LOW Date Received: 08/13/02

% Moisture: not dec. _____ Date Analyzed: 08/13/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 1634-04-4 | Methyl tert-butyl ether | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1201

Matrix: (soil/water) AIR Lab Sample ID: A1201-01A

Sample wt/vol: _____ (g/mL) ML Lab File ID: V6C2046

Level: (low/med) LOW Date Received: 08/13/02

% Moisture: not dec. _____ Date Analyzed: 08/13/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | INVOICE TO | | LAB PROJECT #: |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | COMPANY Same | PHONE | A1201 |
| NAME Phil Holloway | FAX 518/786 9723 | NAME | FAX | TURNAROUND TIME: See Below |
| ADDRESS 4 Northway Lane | | ADDRESS | | |
| CITY/ST/ZIP Latham, NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mr. C's | 9-15-157 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | ASP95-1+MTBE | TO-2 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day 4 week 2 A/S Effluent | 8/12/02 5:00 | | X | X | | | | 2 | X | | 48 hour |
| Day 4 week 2 Post Carbon | 8/12/02 5:05 | | X | | | | 01 | 1 | | X | 24 hour |
| Trip Blank | / | | | X | | 1 | | 1 | X | | |
| Temp Blank | / | | | X | | 1 | | 1 | | | |
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REQUESTED ANALYSES

| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | | 8/12/02 5:15 | | 8-13-02 10:30 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:

COOLER TEMP 3° ICE

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

Q-109

Mitkem Corporation
Corporate Center Boulevard
Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | INVOICE TO | | |
|---|---|---|---|---|
| COMPANY [illegible] | PHONE 518/786 3200 | COMPANY Same | PHONE | LAB PROJECT # |
| NAME PHIL [illegible] | FAX 518/786 9723 | NAME | FAX | |
| ADDRESS 4 [illegible] | | ADDRESS | | TURNAROUND TIME See below |
| CITY/ST/ZIP [illegible] NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| MC-6 | 9-15-157 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: ASP95-1 + ANABE | REQUESTED ANALYSES: TO-2 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Duplicate MS/MSD | 8/12/01 500 | | X | X | | | 01 | 2 | X | X | 48 hour |
| Duplicate | 8/12/01 500 | | X | | | | | 1 | | X | 24 hour |
| Trip Blank | / | | | X | | 1 | 02 | 1 | X | | |
| Trip Blank | / | | | X | | 1 | | 1 | | | |
| | / | | | | | | | | | | |
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| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME | ADDITIONAL REMARKS: |
|---|---|---|---|---|---|
| 1 | [signature] | 8/12/01 515 | [signature] | 8-13-01 1030 | COOLER TEMP |
| 2 | | / | | / | |
| 3 | | / | | / | |

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1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1209

Matrix: (soil/water) WATER Lab Sample ID: A1209-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9654

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1208

Matrix: (soil/water) AIR Lab Sample ID: A1208-01A

Sample wt/vol: _____ (g/mL) ML Lab File ID: V6C2082

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 1634-04-4 | Methyl tert-butyl ether | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1208

Matrix: (soil/water) AIR Lab Sample ID: A1208-01A

Sample wt/vol: _____ (g/mL) ML Lab File ID: V6C2082

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1209

Matrix: (soil/water) WATER Lab Sample ID: A1209-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5D9655

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: not dec. _____ Date Analyzed: 08/14/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | INVOICE TO | | LAB PROJECT #: |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3290 | COMPANY Same ← | PHONE | A1208 |
| NAME Phil Holloway | FAX 518/786 9221 | NAME | FAX | TURNAROUND TIME |
| ADDRESS 4 Northway Lane | | ADDRESS | | See below ↓ |
| CITY/ST/ZIP Latham, NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| | | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: TO-2 ASP95-14/MTBE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|
| Day 5 week 2 Post Carbon | 8/14/02 1345 | | | | | X | 01 | 1 | X | 24 hour |
| Day 5 week 2 A/S Effluent | 8/14/02 1350 | | | X | | | | 2 | X X | 48 hour |
| Trip Blank | / | | | X | | | | | X X | |
| Temp Blank | / | | | X | | | | | | |
| | / | | | X | | | | | | |
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| TSR# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME | ADDITIONAL REMARKS: | COOLER TEMP |
|---|---|---|---|---|---|---|
| 1 | | 8/14/02 / | | 8-14-02 1024 | | 4/2° |
| 2 | | / | | / | | |
| 3 | | / | | / | | |

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD



| REPORT TO | | INVOICE TO | | |
|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3290 | COMPANY Same | PHONE | LAB PROJECT #: A1209 |
| NAME Phil Holloway | FAX 518/786 9223 | NAME | FAX | |
| ADDRESS 4 Northway Lane | | ADDRESS | | TURNAROUND TIME See Below |
| CITY/ST/ZIP Latham, NY 12210 | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| | | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | TO-2 | ASP95-14 MTBE | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day 5 week 2 Post Carbon | 8/14/02 1345 | | | | | X | | 1 | X | | 24 hour |
| Day 5 week 2 A/S Effluent | 8/14/02 1350 | | | X | | | 01 | 2 | X | X | 48 hour |
| Trip Blank | / | | | X | | | 02 | | X | X | |
| Temp Blank | / | | | X | | | | | X | | |
| | / | | | X | | | | | | | |
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| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME |
|---|---|---|---|---|
| 1 | | 8/14/02 1 | | 8-14-02 1024 |
| 2 | | / | | / |
| 3 | | / | | / |

ADDITIONAL REMARKS:

COOLER TEMP: 4°C

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

Note: System Logs for August 14 through August 21 were not used for this report.
Week three starts on August 22.

# Weekly O&M Report

| | |
|---|---|
| Contract Number: D004180 | Site Name: Mr. C's Dry Cleaners |
| Site Number: 9-15-157 | Location: East Aurora, NY |

Week #3 Days 1- 7 August 22 – 29, 2002

System On-line a 3 PM on August 22, 2002.

Daily System Up-Time Percentage:

8/22/02 to 8/23/02: 24/24 hours = 100%
8/23/02 to 8/24/02: 24/24hours = 100%
8/24/02 to 8/25/02: 24/24 hours = 100%
8/25/02 to 8/26/02: 24/24 hours = 100%
8/26/02 to 8/27/02: 22/24 hours = 92%
8/27/02 to 8/29/02: 24/24 hours = 100%
8/29/02 to 8/30/02: 24/24 hours = 100%

Note: Down time on 8/26/02 due to replacement of corrugated tubing between air carbon units.

System Operating Conditions:

- PW 1 through PW 8 were used continuously for week one.
-A/S one, Effluent Pump one, Effluent Pump two, and Influent Pump One were used.

Week #1 Sampling:

-Collected weekly water samples from Air Stripper Influent and Air Stripper Effluent.
-Collected weekly air samples from Pre Carbon and Post Carbon

Note: Samples taken on 8/28. Water and Air samples were immediately sent to the lab.

System operated and maintained by: Jen Kotch
Sampling performed by: Jen Kotch

# System Check Form

Mr. C's Dry Cleaners
Date 8/22/02
1ST Day of Week 3
Day 1 24 hour system continous run
Sysyem Checks preformed by: Dragan Mitrovic

The system was turned on at Approximately 3:00 PM
The 24 hour test started at 8/22/02 15:00 and ended at 8/29/02 3:00
total gallons of ground water was treated through the system and discharged to Tannery Brook

| Time: | 7:30 AM | 8:30 | 9:30 | |
|---|---|---|---|---|
| Influent Flow Rate | 107 | 96 | 120 | |
| Influent Totalizer Gal | 1379998 | 1382961 | 1401763 | start 12507 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | |
| Bag Filter top psi | 4 | 4 | 5 | |
| Bag Filter bottom psi | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 4 | 4 | 4 | |
| Air Stripper Velocity in/water | 0.3 | 0.31 | 0.31 | |
| Air Stripper Vacuum in/water | 3 | 3 | 3 | |
| Effluent Pump Pressure Gauge psi | 0 | 5 | 0 | |
| Effluent Flow rate: gal/min | 0 | 99 | 0 | |
| Effluent totalizer- gal | 46007 | 48137 | 69874 | |
| Holding Tank | 5 | 4 | 6 | |

Mr. C's Dry Cleaners
Date 8/23/02
2nd Day of Week 3
Day 2 24 hour system continous run
Sysyem Checks preformed by: Dragan Mitrovic

The system was turned on at Approximately 3:00 PM
The 24 hour test started at 3PM 8/22 and ended at 3PM 8/29
total gallons of ground water was treated through the system and discharged to Tannery Br

| Time: | 7:30 AM | 8:30 | 9:30 | |
|---|---|---|---|---|
| Influent Flow Rate | 107 | 96 | 120 | |
| Influent Totalizer Gal | 1379998 | 1382961 | 1401763 | start 12507 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | |
| Bag Filter top psi | 4 | 4 | 5 | |
| Bag Filter bottom psi | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 4 | 4 | 4 | |
| Air Stripper Velocity in/water | 0.3 | 0.31 | 0.31 | |
| Air Stripper Vacuum in/water | 3 | 3 | 3 | |
| Effluent Pump Pressure Gauge psi | 0 | 5 | 0 | |
| Effluent Flow rate: gal/min | 0 | 99 | 0 | |
| Effluent totalizer- gal | 46007 | 48137 | 69874 | |
| Holding Tank | 5 | 4 | 6 | |

Mr. C's Dry Cleaaaners
Date; 8/26/02
5th Day of Week 3
Day 5 24 hour system continous run
System Check preformed by: Jen Kotch

The system was turned on at Approximately 3:00 PM
The 24 hour test started at 8/22/02 0:00 and ended at 8/29 3PM

| Time: | 10:30 AM | 11:30 | 6:00 | |
|---|---|---|---|---|
| Influent Flow Rate | 107 | 96 | 120 | |
| Influent Totalizer Gal | 1379998 | 1382961 | 1401763 | start 12507 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | |
| Bag Filter top psi | 4 | 4 | 5 | |
| Bag Filter bottom psi | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 4 | 4 | 4 | |
| Air Stripper Velocity in/water | 0.3 | 0.31 | 0.31 | |
| Air Stripper Vacuum in/water | 3 | 3 | 3 | |
| Effluent Pump Pressure Gauge psi | 0 | 5 | 0 | |
| Effluent Flow rate: gal/min | 0 | 99 | 0 | |
| Effluent totalizer- gal | 46007 | 48137 | 69874 | |
| Holding Tank | 5 | 4 | 6 | |

Mr. C's Dry Cleaaaners
Date: 8/27/02
6th Day of Week 3
Day 6 24 hour system continous run
System Check preformed by: Jen Kotch

The system was turned on at Approximately 3:00 PM
The 24 hour test started at 3PM 8 ######### and ended at 8/29 3PM

| Time: | 10:30 AM | 11:30 | 6:00 | |
|---|---|---|---|---|
| Influent Flow Rate | 107 | 96 | 120 | |
| | | | | start |
| Influent Totalizer Gal | 1379998 | 1382961 | 1401763 | 12507 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 | |
| Bag Filter top psi | 4 | 4 | 5 | |
| Bag Filter bottom psi | 0 | 0 | 0 | |
| Influent pump pressure gauge psi | 4 | 4 | 4 | |
| Air Stripper Velocity in/water | 0.3 | 0.31 | 0.31 | |
| Air Stripper Vacuum in/water | 3 | 3 | 3 | |
| Effluent Pump Pressure Gauge psi | 0 | 5 | 0 | |
| Effluent Flow rate: gal/min | 0 | 99 | 0 | |
| Effluent totalizer- gal | 46007 | 48137 | 69874 | |
| Holding Tank | 5 | 4 | 6 | |

# Laboratory Analytical Reports

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1298

Matrix: (soil/water) AIR Lab Sample ID: A1298-01A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C2514

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 1 | U |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 1634-04-4 | Methyl tert-butyl ether | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 1 | U |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POST CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1298

Matrix: (soil/water) AIR Lab Sample ID: A1298-01A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C2514

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PRE CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1298

Matrix: (soil/water) AIR Lab Sample ID: A1298-02A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C2515

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1 | U |
| 75-01-4 | Vinyl Chloride | 1 | U |
| 74-83-9 | Bromomethane | 1 | U |
| 75-00-3 | Chloroethane | 1 | U |
| 75-35-4 | 1,1-Dichloroethene | 0.7 | J |
| 67-64-1 | Acetone | 1 | U |
| 75-15-0 | Carbon Disulfide | 1 | U |
| 75-09-2 | Methylene Chloride | 1 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 1 | U |
| 1634-04-4 | Methyl tert-butyl ether | 1 | U |
| 75-34-3 | 1,1-Dichloroethane | 1 | U |
| 78-93-3 | 2-Butanone | 1 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 1 | U |
| 67-66-3 | Chloroform | 1 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 1 | U |
| 56-23-5 | Carbon Tetrachloride | 1 | U |
| 107-06-2 | 1,2-Dichloroethane | 1 | U |
| 71-43-2 | Benzene | 1 | U |
| 79-01-6 | Trichloroethene | 1 | U |
| 78-87-5 | 1,2-Dichloropropane | 1 | U |
| 75-27-4 | Bromodichloromethane | 1 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 1 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 1 | U |
| 108-88-3 | Toluene | 1 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | U |
| 127-18-4 | Tetrachloroethene | 2 | |
| 591-78-6 | 2-Hexanone | 1 | U |
| 124-48-1 | Dibromochloromethane | 1 | U |
| 108-90-7 | Chlorobenzene | 1 | U |
| 100-41-4 | Ethylbenzene | 1 | U |
| 1330-20-7 | Xylene (Total) | 1 | U |
| 100-42-5 | Styrene | 1 | U |
| 75-25-2 | Bromoform | 1 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PRE CARBON

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1298

Matrix: (soil/water) AIR Lab Sample ID: A1298-02A

Sample wt/vol: 25 (g/mL) ML Lab File ID: V6C2515

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) MG/M3 | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1299

Matrix: (soil/water) WATER Lab Sample ID: A1299-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1E9511

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1299

Matrix: (soil/water) WATER Lab Sample ID: A1299-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1E9511

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S INFLUENT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1299

Matrix: (soil/water) WATER Lab Sample ID: A1299-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1E9514

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 15.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 150 | U |
| 75-01-4 | Vinyl Chloride | 150 | U |
| 74-83-9 | Bromomethane | 150 | U |
| 75-00-3 | Chloroethane | 150 | U |
| 75-35-4 | 1,1-Dichloroethene | 150 | U |
| 67-64-1 | Acetone | 150 | U |
| 75-15-0 | Carbon Disulfide | 150 | U |
| 75-09-2 | Methylene Chloride | 150 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 150 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 49 | J |
| 75-34-3 | 1,1-Dichloroethane | 150 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 150 | U |
| 78-93-3 | 2-Butanone | 150 | U |
| 67-66-3 | Chloroform | 150 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 150 | U |
| 56-23-5 | Carbon Tetrachloride | 150 | U |
| 71-43-2 | Benzene | 150 | U |
| 107-06-2 | 1,2-Dichloroethane | 150 | U |
| 79-01-6 | Trichloroethene | 41 | J |
| 78-87-5 | 1,2-Dichloropropane | 150 | U |
| 75-27-4 | Bromodichloromethane | 150 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 150 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 150 | U |
| 108-88-3 | Toluene | 150 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 150 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 150 | U |
| 127-18-4 | Tetrachloroethene | 1800 | |
| 591-78-6 | 2-Hexanone | 150 | U |
| 124-48-1 | Dibromochloromethane | 150 | U |
| 108-90-7 | Chlorobenzene | 150 | U |
| 100-41-4 | Ethylbenzene | 150 | U |
| 1330-20-7 | Xylene (total) | 150 | U |
| 100-42-5 | Styrene | 150 | U |
| 75-25-2 | Bromoform | 150 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S INFLUENT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1299

Matrix: (soil/water) WATER Lab Sample ID: A1299-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1E9514

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 15.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 150 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1299

Matrix: (soil/water) WATER Lab Sample ID: A1299-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1E9515

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 1 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |

FORM I VOA

PRELIMINARY

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1299

Matrix: (soil/water) WATER Lab Sample ID: A1299-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1E9515

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: not dec. _____ Date Analyzed: 08/30/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

# Weekly O&M Report

| | |
|---|---|
| Contract Number: D004180 | Site Name: Mr. C's Dry Cleaners |
| Site Number: 9-15-157 | Location: East Aurora, NY |

Week #4 Days 1- 7 August 29 – September 5, 2002

System On-line at 3 PM on Wednesday, August 22, 2002.

Daily System Up-Time Percentage:

8/29/02 to 8/30/02: 24/24 hours = 100%
8/30/02 to 8/3102: 24/24 hours = 100%
8/31/02 to 9/1/02: 24/24 hours = 100%
9/1/02 to 9/2/02: 24/24 hours = 100%
9/2/02 to 9/3/02: 18/24 hours = 75%
9/3/02 to 9/4/02: 24/24 hours = 100%
9/4/02 to 9/5/02: 24/24 hours = 100%

Note: Down time on 9/2/02 due to High Stripper Alarm.

System Operating Conditions:

- PW 1 through PW 8 were used continuously for week one.
-A/S one, Effluent Pump one, Effluent Pump two, and Influent Pump One were used.

Week #4 Sampling:

-Collected weekly water samples from Air Stripper Influent and Air Stripper Effluent.
-Collected weekly air samples from Pre Carbon and Post Carbon

Note: Samples taken on 9/4/02, or day 6. Water and Air samples were immediately sent to the lab. System Operating Conditions:

System operated and maintained by: Jen Kotch
Sampling performed by: Jen Kotch

# System Check Form

Mr. C's Dry Cleaners
Date 8/29/02
1ST Day of Week 4
Day 8 24 hour system continous run
System Check preformed by: Jen Kotch

The system was turned on at 3:00 PM on 8/23
The 24 hour test started at 8/29 3PM and ended at 9/5/02 15:00

| Time: | 3:00 PM | 4:00 |
|---|---|---|
| Influent Flow Rate | 104 | 110 |
| Influent Totalizer Gal | 1829873 | 1832761 |
| Meter pump pressure gauge- psi | 3 | 3 |
| Bag Filter top psi | 6 | 6 |
| Bag Filter bottom psi | 0 | 0 |
| Influent pump pressure gauge psi | 4 | 4 |
| Air Stripper Velocity in/water | 0.31 | 0.31 |
| Air Stripper Vacuum in/water | 3 | 3 |
| Effluent Pump Pressure Gauge psi | 5 | 5 |
| Effluent Flow rate: gal/min | 104 | 104 |
| Effluent totalizer- gal | 1006 | 4653 |
| Holding Tank | 6 | 5 |

Mr. C's Dry Cleaners
Date 8/30/03
2nd Day of Week 4
Day 9 24 hour system continous run
System Check preformed by: Jen Kotch

The system was turned on at 3:00 PM on 8/23
The 24 hour test started at 8/29 3PM and ended at 9/5/02 15:00

| | | |
|---|---|---|
| Time: | 7:30 AM | 11:15 |
| Influent Flow Rate | 110 | 102 |
| Influent Totalizer Gal | 1940586 | 1956970 |
| Meter pump pressure gauge- psi | 3 | 3 |
| Bag Filter top psi | 5 | 5 |
| Bag Filter bottom psi | 0 | 0 |
| Influent pump pressure gauge psi | 4 | 4 |
| Air Stripper Velocity in/water | 0.31 | 0.32 |
| Air Stripper Vacuum in/water | 3 | 3 |
| Effluent Pump Pressure Gauge psi | 5 | 0 |
| Effluent Flow rate: gal/min | 102 | 0 |
| Effluent totalizer- gal | 67549 | 402332 |
| Holding Tank | 5 | 4 |

Mr. C's Dry Cleaners
Date 9/3/02
5th Day of Week 4
Day 12 24 hour system continous run
System Check preformed by: Jen Kotch

The system was turned on at 3:00 PM on 8/23
The 24 hour test started at 8/29 3PM and ended at 3PM 9/5

| Time: | 11:AM | 12:05 | 3:40 | 4:45 |
|---|---|---|---|---|
| Influent Flow Rate | 116 | 114 | 117 | 116 |
| Influent Totalizer Gal | 2418518 | 2421693 | 2448576 | 2451019 |
| Meter pump pressure gauge-psi | 3 | 3 | 3 | 3 |
| Bag Filter top psi | 6 | 6 | 6 | 6 |
| Bag Filter bottom psi | 0 | 0 | 0 | 0 |
| Influent pump pressure gauge psi | 4 | 4 | 4 | 4 |
| Air Stripper Velocity in/water | 0.3 | 0.3 | 0.3 | 0.3 |
| Air Stripper | 3 | 3 | 3 | 3 |

| | | | | |
|---|---|---|---|---|
| Vacuum in/water | | | | |
| Effluent Pump Pressure Gauge psi | 5 | 5 | 5 | 5 |
| Effluent Flow rate: gal/min | 111 | 0 | 0 | 0 |
| | Totalizaer Stopped due to Oring in prepellers. | | | |
| Effluent totalizer- gal | 365644 | 365644 | 365644 | 365644 |
| | Fixed on 9/4 | | | |
| Holding Tank | 5 | 4 | | |

Mr. C's Dry Cleaners
Date 9/4/02
6th Day of Week 4
Day 13 24 hour system continous run
System Check preformed by: Jen Kotch

An influent water sample was taken at 2:00 , had a PH of 6.96 ,and a temperature of 22.18 C
An influent air sample was taken at 2:15
An effluent water sample was taken at 2:05 , had a PH of 7.97 21.1 C
An effluent air sample was taken at 2:20

| Time: | 7:00 AM | 12:20 | 2:20 |
|---|---|---|---|
| Influent Flow Rate | 113 | 105 | 123 |
| Influent Totalizer Gal | 2556416 | 2579708 | 258757 |
| Meter pump pressure gauge- psi | 3 | 3 | 3 |
| Bag Filter top psi | 6 | 6 | 6 |
| Bag Filter bottom psi | 0 | 0 | 0 |
| Influent pump pressure gauge psi | 4 | 4 | 4 |
| Air Stripper Velocity in/water | 0.31 | 0.31 | 0.31 |
| Air Stripper Vacuum in/water | 3 | 3 | 3 |
| Effluent Pump Pressure Gauge psi | 7 | 5 | 5 |
| Effluent Flow rate: gal/min | 0 | 105 | 107 |
| Effluent totalizer- gal | 367317 | 372329 | 378748 |
| Holding Tank | 6 | 5 | 5 |

Mr. C's Dry Cleaners
Date 9/5/02
7th Day of Week 4
Day 14 24 hour system continous run
System Check preformed by: Jen Kotch

485,852 gallons were trreated through the system over the course of the week.

| Time: | 7:30 AM | 10:20 | 3:00 |
|---|---|---|---|
| Influent Flow Rate | 120 | 130 | 122 |
| Influent Totalizer Gal | 2713704 | 2734450 | 2766753 |
| Meter pump pressure gauge- psi | 3 | 2.5 | 3 |
| Bag Filter top psi | 6 | 5.5 | 6 |
| Bag Filter bottom psi | 0 | 0 | 0 |
| Influent pump pressure gauge psi | 4 | 4 | 4 |
| Air Stripper Velocity in/water | 0.32 | 0.32 | 0.32 |
| Air Stripper Vacuum in/water | 3 | 2.5 | 2.5 |
| Effluent Pump Pressure Gauge psi | 6 | 6 | 6 |
| Effluent Flow rate: gal/min | 109 | 90.5 | 86 |
| Effluent totalizer- gal | 456546 | 468795 | 484852 |
| Holding Tank | 4 | 6 | 5 |

# Laboratory Analytical Reports

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1321

Matrix: (soil/water) WATER Lab Sample ID: A1321-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2766

Level: (low/med) LOW Date Received: 09/05/02

% Moisture: not dec. _____ Date Analyzed: 09/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 1 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1321

Matrix: (soil/water) WATER Lab Sample ID: A1321-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2766

Level: (low/med) LOW Date Received: 09/05/02

% Moisture: not dec. _____ Date Analyzed: 09/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1321

Matrix: (soil/water) WATER Lab Sample ID: A1321-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2764

Level: (low/med) LOW Date Received: 09/05/02

% Moisture: not dec. _____ Date Analyzed: 09/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 1 | J |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S EFF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1321

Matrix: (soil/water) WATER Lab Sample ID: A1321-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2764

Level: (low/med) LOW Date Received: 09/05/02

% Moisture: not dec. _____ Date Analyzed: 09/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S INF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1321

Matrix: (soil/water) WATER Lab Sample ID: A1321-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2765

Level: (low/med) LOW Date Received: 09/05/02

% Moisture: not dec. _____ Date Analyzed: 09/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 67-64-1 | Acetone | 10 | U |
| 75-15-0 | Carbon Disulfide | 10 | U |
| 75-09-2 | Methylene Chloride | 10 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 1634-04-4 | Methyl tert-Butyl Ether | 51 | |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 7 | J |
| 78-93-3 | 2-Butanone | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 56-23-5 | Carbon Tetrachloride | 10 | U |
| 71-43-2 | Benzene | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 79-01-6 | Trichloroethene | 45 | |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 1800 | E |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 1330-20-7 | Xylene (total) | 10 | U |
| 100-42-5 | Styrene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |

FORM I VOA

PRELIMINARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A/S INF

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1321

Matrix: (soil/water) WATER Lab Sample ID: A1321-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2765

Level: (low/med) LOW Date Received: 09/05/02

% Moisture: not dec. _____ Date Analyzed: 09/09/02

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L | Q |
|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |

FORM I VOA

PRELIMINARY

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

| REPORT TO | | | INVOICE TO | | |
|---|---|---|---|---|---|
| COMPANY Tyree Org | PHONE 518/786 3200 | | COMPANY Same | PHONE | LAB PROJECT #: A1321 |
| NAME Phil Holloway | FAX 518/786 9523 | | NAME | FAX | |
| ADDRESS 4 Northway Lane | | | ADDRESS | | TURNAROUND TIME See below |
| CITY/ST/ZIP Latham, NY 12210 | | | CITY/ST/ZIP | | |

| CLIENT PROJECT NAME: | CLIENT PROJECT #: | CLIENT P.O.#: |
|---|---|---|
| Mr. C's | 9-15-157 | |

| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | REQUESTED ANALYSES: ASP 95-1 | MtBE | TO-2 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day 4 A/S Inf | 9/4/02 1205 | | | X | | | 01 | 2 | X | X | | 48 hour - TAT |
| Day 4 A/S Eff | 9/4/02 1205 | | | X | | | 02 | 2 | X | X | | 48 hour |
| MS/MSD | 9/4/02 1210 | | | X | | | 0302 | 2 | X | X | | 48 hour |
| Day 4 Pre Carbon | 9/4/02 1215 | | | | | X | NB 9-5-02 | 1 | | 1 | | 24 hour |
| Day 4 Post Carbon | 9/4/02 1220 | | | | | X | | 1 | | 1 | | 24 hour |
| Trip Blank | / | | | X | | | 0403 | 1 | | | | |
| Temp Blank | / | | | X | | | | 1 | | | | |
| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |
| | / | | | | | | | | | | | |

| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME | ADDITIONAL REMARKS: | COOLER TEMP: |
|---|---|---|---|---|---|---|
| 1 | Jen Kat | 9/4/02 1300 | Allison Reynolds | 9-5-02 0800 | MS/MSD = A/S Eff | 4°C |
| 2 | | / | | / | | |
| 3 | | / | | / | | |

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

Q-155

# Piezometer Gauging Form

Piezometer Gauging Data

| Date: | Pump on | 7/16/02 | 7/24/02 | 7/31/02 | 8/7/02 | 8/20/02 | 8/27/02 | 9/5/02 |
|---|---|---|---|---|---|---|---|---|
| Piezometer | | Depth to Water | | | | | | |
| PZ-1A | Almost | 11.52 | 11.5 | 11.38 | 11.21 | 12.23 | 12.71 | 13.24 |
| PZ-1B | always on | 11.11 | 11.41 | 11 | 10.96 | 11.78 | 12.51 | 12.64 |
| PZ-1C | | 12.24 | 12.29 | 12.21 | 12.2 | 12.88 | 13.54 | 13.69 |
| PZ-1D | | 12.33 | 12.57 | 11.29 | 11.51 | 12.98 | 13.12 | 13.69 |
| PZ-2A | 38 Sec | 10.78 | 10.97 | 10.83 | 10.77 | 11.47 | 12.27 | 12.25 |
| PZ-2B | | 11.31 | 11.39 | 11.31 | 11.29 | 11.89 | 12.59 | 12.63 |
| PZ-2C | | 9.87 | 10.08 | 10.53 | 10.21 | 11.44 | 12.41 | 12 |
| PZ-2D | | 10.7 | 10.82 | 10.56 | 10.44 | 11.3 | 12.37 | 11.88 |
| PZ-3A | 37 Sec | 11.47 | 12.01 | 11.37 | 11.29 | 12.11 | 12.75 | 12.78 |
| PZ-3B | | 11.52 | 11.79 | 11.29 | 11.17 | 12.21 | 12.74 | 12.84 |
| PZ-3C | | 11.97 | 12.33 | 11.22 | 10.96 | 12.62 | 13.34 | 13.37 |
| PZ-3D | | 11.52 | 11.58 | 11.42 | 11.3 | 12.12 | 12.64 | 12.91 |
| PZ-4A | Rarely on | 11.91 | 12.07 | 11.82 | 11.7 | 12.48 | 12.74 | 12.73 |
| PZ-4B | | 11.14 | 11.21 | 11.21 | 11.19 | 11.74 | 12.16 | 12.1 |
| PZ-4C | | 11.36 | 11.54 | 10.99 | 10.11 | 11.94 | 12.23 | 12.11 |
| PZ-4D | | 10.68 | 10.78 | 10.72 | 10.69 | 11.25 | 11.68 | 11.62 |
| PZ-5A | 1min39se | 10.84 | 10.96 | 10.82 | 10.76 | 11.27 | 11.57 | 11.49 |
| PZ-5B | | 10.8 | 10.89 | 10.96 | 10.81 | 11.31 | 11.64 | 11.52 |
| PZ-5C | | 10.51 | 10.75 | 10.6 | 10.53 | 11 | 11.98 | 11.978 |
| PZ-5D | | 11.37 | 12.01 | 11.21 | 11.13 | 11.84 | 12.21 | 12.62 |
| PZ-6A | 45 Sec | 11.97 | 11.99 | 12.95 | 12.02 | 12.4 | 12.69 | 12.59 |
| PZ-6B | | 11.88 | 12.03 | 11.82 | 11.73 | 12.32 | 12.74 | 12.71 |
| PZ-6C | | 11.97 | 12.04 | 12.46 | 11.88 | 12.41 | 13.02 | 12.91 |
| PZ-6D | | 11.97 | 12.04 | 12.21 | 12.04 | 12.43 | 12.68 | 12.63 |
| PZ-7A | Between | 11.89 | 12.01 | 12.01 | 11.97 | 12.62 | 12.87 | 13.86 |
| PZ-7B | 5 and 6 | 12.11 | 12.33 | 12.31 | 12.11 | 12.8 | 13.01 | 12.95 |
| PZ-7C | Minutes | 11.82 | 12 | 11.92 | 11.97 | 12.48 | 12.76 | 12.68 |
| PZ-7D | | 12.02 | 12.25 | 11.97 | 11.99 | 12 | 12.41 | 12.38 |
| PZ-8A | 65 Sec | 8.6 | 8.97 | 8.7 | 8.62 | 8.98 | 9.07 | 9.01 |
| PZ-8B | | 8.5 | 8.62 | 8.61 | 8.59 | 8.92 | 9.14 | 9.1 |
| PZ-8C | | 7.99 | 8.41 | 7.89 | 7.88 | 8.48 | 8.57 | 8.51 |
| PZ-8D | | 7.85 | 8.07 | 7.99 | 7.94 | 8.71 | 8.99 | 8.9 |

# R Substantial Completion Certification – Separable Part A and Punch List

## CERTIFICATE OF SEPARABLE PART A SUBSTANTIAL COMPLETION

DEPARTMENT: New York State Department of Environmental Conservation

PROJECT: Mr. C's Dry Cleaners Site, Village of East Aurora, Erie County, New York

ENGINEER: Ecology and Environment Engineering, P.C.
Buffalo Corporate Center
368 Pleasant View Drive
Lancaster, New York 14086

CONTRACTOR: The Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110

CONTRACT NO.: D004180

SITE NO.: 9-15-157

Project or Specified Part shall include:

Part A Substantial Completion of the Mr. C's Dry Cleaners Site as defined in Contract No. D004180 and Change Order No. 1.

Definition of Substantial Completion:

The Work, or a specified part thereof, has progressed to the point where in the opinion of the Engineer as evidenced by Engineer's definitive Certificate of Substantial Completion, it is sufficiently complete, in accordance with the Contract Documents (with the exception of the minor items identified during inspection described in paragraph 13.6 of the General Conditions), so that it can be utilized continuously for the purposes for which it is intended.

Date of Part A Substantial Completion: **September 6, 2002**

Written mutual agreements upon which the date of Substantial Completion has been mutually agreed to are as follows:

1. Agreement to Substantial Completion by the Department will in no way affect the obligations of the Contractor under the terms and provisions of the Contract with respect to punch list work.

2. The Contractor shall subsequently satisfactorily complete or correct all unfinished items in the work accepted by the Department as Substantially Satisfactorily complete.

3. The Department, Engineer, and the Contractor made an inspection of the work on **September 18, 2002** and, following this inspection, the Engineer, on behalf of the Department, advised the Contractor of remaining items (Punch List - Separable Part A - Attachment A) to be completed of corrected and provided the Contractor with the following Estimate of Work Remaining. The Contractor shall endorse said estimate of Work Remaining as evidence of agreement and provide the Department with a mutually agreeable schedule with an estimate of Work Remaining.

**CERTIFICATE OF PART A SUBSTANTIAL COMPLETION**
**CONTRACT NO.: D004180**
**SITE NO.: 9-15-157**

ESTIMATE OF WORK REMAINING

Attached

COMPLETION OF SEPARABLE PART A - SUBSTANTIAL COMPLETION

**For the Contractor: The Tyree Organization, Ltd.**

By: _____

Title: _____

Date: _____

**For the Engineer: Ecology & Environment Engineering, P.C.**

By: _____

Title: _____

Date: _____

**For New York State Department of Environmental Conservation:**

By: _____

Title: _____

Date: _____

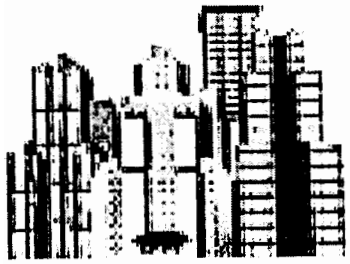
**Attachment A**

**Mr. C's Dry Cleaners Site**

**NYSDEC Site No. 9 -15-157**

**LIST OF PUNCH LIST WORK REMAINING AND ESTIMATE OF COST VALUE**

**September 18, 2002**



East Aurora, New York

**ecology and environment engineering, p.c.**

**International Specialists in the Environment**

*Buffalo Corporate Center*
368 Pleasant View Dr.
Lancaster, New York 14086 Phone 716.684.8060 Fax 717.684.0844


# Project Incomplete Work List Report - Separable Part "A"

**Re: Mr. C's Dry Cleaner Site** **List Last Updated as of Date: November 25, 2003** **Current Date: November 30, 2004 (4:37pm)**

| No. | Date Added to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 1 | 6/28/02 | Installation of Treatment System Sump Pump | ~~Incomplete~~ | 7/9/02 | - | Complete |
| 2 | 6/28/02 | Installation of Back-Flow Preventor | ~~Incomplete~~ | 7/10/02 | - | Complete |
| 3 | 6/28/02 | Testing of Back-Flow Preventor | ~~Incomplete~~ | 7/10/02 | - | Complete |
| 4 | 6/28/02 | Installation of Treatment System area Eyewash | ~~Incomplete~~ | 7/15/02 | - | Complete |
| 5 | 6/28/02 | Installation of Depth Sensors for the 4-inch Wells | ~~Incomplete~~ | 7/8/02 | - | Complete |
| 6 | 6/28/02 | Submit Treatment System Start-Up Schedule | ~~Incomplete~~ | 7/5/02 | - | Complete |
| 7 | 6/28/02 | Installation of Treatment System Area Heaters | ~~Incomplete~~ | 10/1/02 | ~~$800.00~~ | 10/1/02 Completed |
| 8 | 7/1/02 | Removal of 55 - Gallon Drums | ~~Incomplete~~ | 10/3/02 | ~~$300.00~~ | 10/3/02 Completed |
| 9 | 7/1/02 | Removal of HDPE Pipe left on site | ~~Incomplete~~ | 7/9/02 | - | Complete |
| 10 | 7/1/02 | Removal o Top Soil pile on Agway's property | ~~Incomplete~~ | 7/18/02 | - | Complete |
| 11 | 7/2/02 | Removal of Pea Gravel pile from Agway's property | ~~Incomplete~~ | 7/18/02 | - | Complete |

| No. | Date Added to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 12 | 7/2/02 | Provide watering and fertilizer for all seeded restoration areas | ~~Incomplete~~ | 10/3/02 | ~~$100.00~~ | 10/3/02 Completed |
| 13 | 7/2/02 | Replace the five damaged fence boards on the library fence | ~~Incomplete~~ | 7/22/02 | - | Complete |
| 14 | 7/10/02 | Repair or Replace lock on Man-Door | ~~Incomplete~~ | 7/23/02 | - | Complete |
| 15 | 7/10/02 | Install metal threshold at Man-Door entrance | ~~Incomplete~~ | 7/23/02 | - | Complete |
| 16 | 7/10/02 | Install Speed Bump at Treatment Building Garage Door entrance | ~~Incomplete~~ | 7/12/02 | - | Complete |
| 17 | 7/10/02 | Remove Site Security Fence | ~~PCO # 17~~ | 10/2/02 | - | 10/2/02 Completed |
| 18 | 7/17/02 | Install wooden fence post on Agway site Hardware to restrict traffic | ~~Incomplete~~ | 10/2/02 @ PO & 10/4/02 @ Agway | ~~$200.00~~ | 10/4/02 Completed |
| 19 | 8/16/02 | Clean out manholes / and all Electrical Boxes - boxes 8, 7/6, 5, 4, 3/2 and RW-1 ( Area where library access needs to be completed) | ~~Incomplete~~ | 10/22/03 | ~~$100.00~~ | Complete |
| 20 | 8/16/02 | Install weather sweep on man door( 0833.5 2.2 D / 3.2) | ~~Incomplete~~ | Complete | ~~$50.00~~ | Complete |
| 21 | 8/16/02 | Install Treatment Building Sump Pump correctly | ~~PCO # 17~~ | 10/1/02 | - | 10/1/02 Completed |
| 22 | 9/9/02 | Paint Wooden Siding on exterior of Treatment System Building | ~~Incomplete~~ | Complete | ~~$100.00~~ | Complete |
| 23 | 9/9/02 | Clean Man-Door and Treatment System Building | ~~Incomplete~~ | 10/4/02 | ~~$50.00~~ | 10/4/02 Completed |

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| No. | Date Added to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 24 | 9/9/02 | Provide alternative to the Secondary Containment near garage door | ~~PCO # 17~~ | Item dropped for carbon exchange | - | Item dropped |
| 25 | 9/13/02 | Provide sealed container for Treatment System waste ( Sec. 01710.1) | ~~Incomplete~~ | 2/3/03 | ~~$100.00~~ | 2/3/03 |
| 26 | 9/13/02 | Paint and Label Treatment System Components ( Sec. 09900-16 Contract Documents) | ~~Incomplete~~ | 2/3/03 | ~~$1,500.00~~ | 2/3/03 |
| 27 | 9/13/02 | Provide Training for System ( Sec. 01731 ) - Approx July '03 | ~~Incomplete~~ | Completed on 9/3-5/03 | ~~$2,000.00~~ | 9/5/03 |
| 28 | 9/13/02 | Submit electronic copy of survey map of all Pumping Wells and Piezometers | ~~Incomplete~~ | Complete 10/10/03 | ~~$100.00~~ | 10/10/03 |
| 29 | 9/13/02 | Install Well identification tags ( Sec. 02660-8 Item 3.5) | ~~Incomplete~~ | 2/3/03 | ~~$200.00~~ | 2/3/03 |
| 30 | 9/13/02 | Install new concrete threshold on garage door and mandoor in the Treatment Building | ~~Incomplete~~ | 10/3/02 | ~~$0.00~~ | 10/3/02 Completed |
| 31 | 9/13/02 | Submit Data for Hydrostatic Test performed on Bag Filters( Sec. 11552.3.3) | ~~Incomplete~~ | 12/13/02 | ~~$100.00~~ | Complete |
| 32 | 9/18/02 | Field Test Report for Air Stripper ( Sec. 11550.3.4D)/ 01650.3.3 B | ~~Incomplete~~ | 12/13/02 | ~~$200.00~~ | Complete |
| 33 | 9/18/02 | Submit Revise Air Guide Report after actual testing (Sec. 11551) | ~~Incomplete~~ | Item dropped | ~~$200.00~~ | N/A |
| 34 | 9/19/02 | Grout Discharge pipe at Tannery Brook Head Wall | ~~Incomplete~~ | 10/1/02 | ~~$200.00~~ | 10/1/02 Completed |

| No. | Date Added to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 35 | 9/19/02 | Collect and analyze sediment sample at Tannery Brook | ~~Incomplete~~ | Collected 9/18/02 | - | Completed |
| 36 | 9/19/02 | Collect Water Sample from No.1 manhole on Whaley Ave near Library Driveway. | ~~Incomplete~~ | Collected 9/18/02 | - | Completed |
| 37 | 9/19/0 | Pump water from Fillmore St. Manhole, and install water-tight gasket/ inspect and clean | ~~Incomplete~~ | Completed 5/13/03 See Part B list, item 15 on manhole covers | ~~$200.00~~ | Need to address watertight covers |
| 38 | 9/19/02 | Pump water from Ridge St. Manhole, and install water-tight gasket / inspect and clean | ~~Incomplete~~ | Completed 5/13/03 See Part B list, item 15 on manhole covers | ~~$400.00~~ | Need to address watertight covers |
| 39 | 9/19/02 | Fill in around PW-08 Well and Piezometers with top soil/ seed | ~~Incomplete~~ | 10/4/02 | ~~$200.00~~ | 10/4/02 Completed |
| 40 | 9/19/02 | Install grout at the pipe inlets of PW-07 Manhole / install water tight- gaskets | ~~Incomplete~~ | Completed 10/4/02 - See Part B list, item 15 on manhole covers | ~~$100.00~~ | Need to address watertight covers |
| 41 | 9/19/02 | Install bolts on PW-07 Electrical Box | ~~Incomplete~~ | 10/3/02 | ~~$50.00~~ | 10/3/02 Completed |
| 42 | 9/19/02 | Re-seed borders on the north area of the Library Parking Lot | ~~Incomplete~~ | 10/3/02 | ~~$200.00~~ | 10/3/02 Completed |
| 43 | 9/19/02 | Pump out water in PW-04 Manhole / install water tight- gasket for inspection | ~~Incomplete~~ | Completed 10/4/02 - See Part B list, item 15 on manhole covers | ~~$400.00~~ | Need to address watertight covers |

| No. | Date Add to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 44 | 9/19/02 | Install bolts on PW-2/3 Electrical Box | ~~Incomplete~~ | 10/3/02 | ~~$50.00~~ | 10/3/02 Completed |
| 45 | 9/19/02 | Pump water from PW-02/3 Manhole, and install water tight-gasket/ inspect manhole - Transferred to Part B - Item #15 | ~~Incomplete~~ | ~~1/30/03~~ | ~~$400.00~~ | Incomplete - 1" of water in MH |
| 46 | 9/19/02 | Pump water from RW-1 Manhole, and install water tight-gasket/ inspect manhole | ~~Incomplete~~ | Completed 6/9/03 | ~~$400.00~~ | Complete |
| 47 | 9/19/02 | Pump water from PZ-D5, install star bolts on all piezometers and Well / and inspect manhole | ~~Incomplete~~ | Completed 6/9/03 | ~~$400.00~~ | Complete |
| 48 | 9/19/02 | Replace effluent hose on No. 2 Carbon Unit | ~~Incomplete~~ | 10/1/02 | ~~$200.00~~ | 10/1/02 Completed |
| 49 | 9/19/02 | Install deeper hole and seal Treatment System Sump Pump | ~~PCO # 17~~ | 10/1/02 | - | 10/1/02 Completed |
| 50 | 9/19/02 | Provide groundwater contour map ( 01650.3.4F.2) | ~~Incomplete~~ | Monthly report submittals | ~~$700.00~~ | Complete 11/15/03 |
| 51 | 9/19/02 | Re-Sod and Top Soil around Pitt Property | ~~Incomplete~~ | 10/3/02 | ~~$200.00~~ | 10/3/02 Completed |
| 52 | 9/19/02 | Groundwater Treatment System Construction Completion Submittal ( 01300.3.8) | Incomplete | | $2,000.00 | |
| 53 | 9/27/02 | Electronic submittals of project survey maps (01300 - 3.9 ) | Incomplete | | $500.00 | |
| 54 | 9/27/02 | Submittal of all equipment warranties and guarantees | ~~Incomplete~~ | 12/18/02 | ~~$100.00~~ | Complete |

| No. | Date Add to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for completion |
|---|---|---|---|---|---|---|
| 55 | 9/27/02 | Carbon Life Calculations ( 01730 C.1.c) | ~~Incomplete~~ | Revisions received | ~~$100.00~~ | Complete |
| 56 | 9/28/02 | Instrumentation Record Drawings ( 13329 .1.4 C and D) | ~~Incomplete~~ | Complete - submitted 10/10/03 | ~~$500.00~~ | Complete |
| 57 | 9/30/02 | Sign and seal certificate of Substantial Completion and provide schedule for remaining work items for Separable Part A completion in accordance to General Conditions, Section 6, Articles 9.2 and Section 8, Article 13. 6. | Incomplete | | $100.00 | |
| | | | **Subtotal Costs** | | $2,600.00 | |
| | | | **Times 2 per Contract** | | $2,600.00 | |
| R 14 | | **Updated as of November 25, 2003** | **Total Outstanding Work - Part A** | | **$5,200.00** | |
| | | | **Original Part A Estimate** | | $27,400.00 | |
| | | | **Net reduction in completed work** | | **$22,200.00** | |

# S Substantial Completion Certification – Separable Part B and Punch List

**New York State Department of Environmental Conservation**
**Division of Environmental Remediation**
**emedial Bureau D, 12th Floor**
625 Broadway, Albany, New York 12233-7013
**Phone:** (518) 402-9814 • **FAX:** (518) 402-9819
**Website:** www.dec.state.ny.us

Erin M. Crotty
Commissioner

September 23, 2003

**CERTIFIED MAIL**

Mr. David Pachan
The Tyree Organization
4 Northway Lane
Latham, NY 12110

RE: Certificate of Separable Part B Substantial Completion
Mr. C's Dry Cleaners Site, Contract No. D004180

Dear Mr. Pachan:

Enclosed for your signature is the Certificate of Separable Part B Substantial Completion associated with the subject project. The date of Part B Substantial Completion has been determined to be **September 6, 2003** based on the site inspection conducted by the Engineer on **September 17, 2003.** In accordance with Section VI, Article 9.2 and Section VIII, Article 13.6 attached to that certificate is a punch list of work items, along with a cost estimate, that are required to be completed by Tyree. In accordance with the certificate, Tyree is to provide the Department and Engineer with a mutually agreeable schedule to complete the work in a timely manner.

Each incomplete work item has been listed with cost, doubled and made a part of the certificate for Separable Part B. The Engineer can not and will not recommend payment associated with these costs until the punch list of work has been satisfactorily completed by Tyree.

Return the signed Certificate along with a schedule to complete the punch list of work items remaining to the Engineer. In the meantime, please feel free to contact the Engineer or me should you have any questions.

Sincerely,

David Chiusano
Project Manager
Remedial Bureau D
Division of Environmental Remediation

Enclosure

cc: w/enc. M. Steffan - Ecology & Environment, Inc.
P. Holloway - Tyree, Latham
G. Sutton - NYSDEC, Buffalo
C. O'Connor - NYSDOH, Buffalo

## CERTIFICATE OF SEPARABLE PART B SUBSTANTIAL COMPLETION

DEPARTMENT: New York State Department of Environmental Conservation

PROJECT: Mr. C's Dry Cleaners Site, Village of East Aurora,
Erie County, New York

ENGINEER: Ecology and Environment Engineering, P.C.
Buffalo Corporate Center
368 Pleasant View Drive
Lancaster, New York 14086

CONTRACTOR: The Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110

CONTRACT NO.: D004180

SITE NO.: 9-15-157

Project or Specified Part shall include:

Part A Substantial Completion of the Mr. C's Dry Cleaners Site as defined in Contract No. D004180 and Change Order Nos. 1 and 2.

Definition of Substantial Completion:

The Work, or a specified part thereof, has progressed to the point where in the opinion of the Engineer as evidenced by Engineer's definitive Certificate of Substantial Completion, it is sufficiently complete, in accordance with the Contract Documents (with the exception of the minor items identified during inspection described in paragraph 13.6 of the General Conditions), so that it can be utilized continuously for the purposes for which it is intended.

Date of Part A Substantial Completion: **September 17, 2003**

Written mutual agreements upon which the date of Substantial Completion has been mutually agreed to are as follows:

1. Agreement to Substantial Completion by the Department will in no way affect the obligations of the Contractor under the terms and provisions of the Contract with respect to punch list work.

2. The Contractor shall subsequently satisfactorily complete or correct all unfinished items in the work accepted by the Department as Substantially Satisfactorily complete.

3. The Department, Engineer, and the Contractor made an inspection of the work on **September 17, 2003** and, following this inspection, the Engineer, on behalf of the Department, advised the Contractor of remaining items (Punch List - Separable Part A - Attachment A) to be completed of corrected and provided the Contractor with the following Estimate of Work Remaining. The Contractor shall endorse said estimate of Work Remaining as evidence of agreement and provide the Department with a mutually agreeable schedule with an estimate of Work Remaining.

**CERTIFICATE OF PART A SUBSTANTIAL COMPLETION**
**CONTRACT NO.: D004180**
**SITE NO.: 9-15-157**

ESTIMATE OF WORK REMAINING

Attached

COMPLETION OF SEPARABLE PART B - SUBSTANTIAL COMPLETION

**For the Contractor: The Tyree Organization, Ltd.**

By: _____

Title: _____

Date: _____

**For the Engineer: Ecology & Environment Engineering, P.C.**

By: _____

Title: _____

Date: _____

**For New York State Department of Environmental Conservation:**

By: _____

Title: _____

Date: _____

**Attachment A**

**Mr. C's Dry Cleaners Site**

**NYSDEC Site No. 9 -15-157**

**LIST OF PUNCH LIST WORK REMAINING AND ESTIMATE OF COST VALUE**

**September 17, 2003**

**ecology and environment engineering, p.c.**
**International Specialists in the Environment**
*Buffalo Corporate Center*
368 Pleasant View Dr.
Lancaster, New York 14086 Phone 716.684.8060 Fax 717.684.0844
**Rochester, New York**

**Date of Initial List: September 18, 2003**

# Project Incomplete Work List Report - Separable Part "B"

**Re: Mr. C's Dry Cleaner Site**

**List Updated as of Date: December 18, 2003**

| No. | Date Added to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/Received & Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 1 | 9/17/03 | Complete and submit Sample Log Book for entire project | ~~Incomplete~~ Complete | 10/10/03 | ~~$500~~ | Complete |
| 2 | 9/17/03 | Complete groundwater sampling on library parking lot (PW-4, PW-5, PW-6, PW-7 and monitoring wells) and submit sampling summary and analytical results | ~~Incomplete~~ Complete | Wells sampled 10/21 & 10/22. Results received 11/13/03. | ~~$1000~~ | Complete |
| 3 | 9/17/03 | Complete and submit August 2003 O&M report | ~~Incomplete~~ Complete | 11/5/03 | ~~$800~~ | Complete |
| 4 | 9/17/03 | Inspect and repair/replace water level transducer in PW-4 | ~~Incomplete~~ Complete | 10/22/03 | ~~$400~~ | Complete |
| 5 | 9/17/03 | Replace lead wire and submersible pump in RW-1 | ~~Incomplete~~ Complete | 11/24/03 | ~~$200~~ | Complete |
| 6 | 9/17/03 | Provide spare well pump RW-1 | ~~Incomplete~~ Complete | 11/24/03 | ~~$300~~ | Complete |
| 7 | 9/17/03 | Perform final cleanup of treatment system building. Remove and dispose of any trash and discarded PPE | ~~Incomplete~~ Complete | 10/21/03 | ~~$100~~ | Complete |

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| No. | Date Add to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for pletion |
|---|---|---|---|---|---|---|
| 8 | 9/17/03 | Finalize and submit O&M Manual with updates | ~~Incomplete~~ Complete | 10/10/03 | ~~$800~~ | Complete |
| 9 | 9/17/03 | Prepare transmittal and submit project spare parts. | ~~Incomplete~~ Complete | Letter & equipment received 10/8/03. | ~~$100~~ | Complete |
| 10 | 9/17/03 | Inspect desiccant in all pressure transducer lines and replace as necessary | ~~Incomplete~~ Complete | 10/21 & 10/22 11/25/03 | ~~$250~~ | Complete |
| 11 | 9/17/03 | Determine reason for discrepancy between influent and effluent totalizer readings and implement corrective measures | Incomplete | Letter received 11/6/03 | ~~$300~~ | Complete |
| 12 | 9/17/03 | Provide certification and test results for RPZ backflow preventer | Incomplete | Item dropped | ~~$100~~ | Item dropped |
| 13 | 9/17/03 | Provide waste profile and disposal receipt for groundwater removed from discharge line manhole on Whaley Ave. In front of library in May 2003. | ~~Incomplete~~ Complete | Submitted and reviewed 10/8/03 | ~~$100~~ | Complete |
| 14 | 9/17/03 | Remove groundwater and clean valve chambers in library parking lot. | ~~Incomplete~~ Complete | 10/22/03 | ~~$500~~ | Complete |
| 15 | 9/17/03 | Replace all existing manhole covers with factory-installed self-sealing gasket system, as required by Contract Documents. | ~~Incomplete~~ Complete | 12/16/03 | ~~$1000~~ | Complete |
| 16 | 9/17/03 | Fill interstitial space between force main and secondary containment in treatment system building for both influent and effluent lines. | ~~Incomplete~~ Complete | 10/21/03 | ~~$100~~ | Complete |
| 17 | 9/17/03 | Complete and submit final system status report. | ~~Incomplete~~ Complete | Received 11/10/03 | ~~$500~~ | Complete |

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| No. | Date Added to List: | Description of Incomplete Work List Item: | Status of Item: | Date Inspected/ Completed: | Estimated Cost in ($) | Schedule for Completion |
|---|---|---|---|---|---|---|
| 18 | 9/17/03 | Submit copies of Warranties/Guarantees for individual pieces of treatment equipment | ~~Incomplete~~ Completed | 9/17/03 | ~~$400~~ | Complete |
| 19 | 9/17/03 | Replace/repair concrete threshold at garage door and man door at treatment system building | ~~Incomplete~~ Completed | 10/21/03 & 11/25/03 | ~~$200~~ | Complete |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | **Subtotal Costs** | | $0 | |
| | | | **Times 2 per Contract conditions** | | $0 | |
| | | **Updated as of December 18, 2003** | **Total Outstanding Work - Part B** | | $0 | |
| | | | | | | |

S 13

# T Project Requests for Information (RFIs) Log



Mr. C's Dry Cleaners Site
East Aurora, New York

**ecology and environment engineering, p.c.**
International Specialists in the Environment

*Buffalo Corporate Center*
368 Pleasant View Dr.
Lancaster, New York 14086
Phone 716.684.8060 Fax 717.684.0844

*Mr. C's Dry Cleaners Field Office (E&E Engineering, P.C.)*
586 Main Street
East Aurora, New York 14052


# Request for Further Information (RFI) Log

**Mr. C's Dry Cleaners Site, Site #9-15-157**

***RFI List Review Date: December 20, 2004 (9:35am)*** ***Last updated: July 20, 2002***

| RFI No. | Date Received | Brief Description of RFI | Date Responded | Response | Additional Actions |
|---|---|---|---|---|---|
| 1 | 10/15/01 | **The well pump manufacturer (Grunfros) recommends pump for application for use in 6 inch diameter and greater wells. Clarification needed on changing PW-2 through PW-8 to 6 inch wells** | 10/16/01 | Tyree discovered that Grunfros specifications are for 3 inch pumps in 4 inch wells. No further action required with this RFI. | None |
| 2 | 10/15/0 | **The execution of the pumping wells requires screen slot sizing based on "existing grain size analysis" per the specifications. Tyree needs the existing grain size analysis to properly size the screen slot for these wells.** | 10/16/01 | Response to Tyree that grain size analysis has been requested from the Design Engineer and the Department. Copies will be submitted to Tyree as a soon possible. | Copies submitted to Tyree on 10/17/01 |
| 3 | 10/22/01 | **Clarification on overhead utility changes in the treatment area.** | 10/23/01 | Pre-existing condition. No change to scope of work to performed. | None |
| 4 | 10/22/01 | **Clarification on the filling of the east wall pocket.** | 10/23/01 | Pre-existing condition. No change to scope of work to performed. | None |
| 5 | 10/22/01 | **Clarification on providing additional soundproofing for the south wall of the treatment building.** | 10/27/01 | Development of a PCO to be performed for review and acceptance. | None |
| 6 | 10/22/01 | **Clarification on the repair of the crack on the main floor of the treatment building.** | 10/23/01 | Pre-existing condition. No change to scope of work to performed. | None |
| 7 | 10/22/01 | **Clarification of filling the holes in the north wall of the treatment building.** | 10/23/01 | Pre-existing condition. No change to scope of work to performed. | None |

| RFI No. | Date Received | Brief Description of RFI | Date Responded | Response | Additional Actions |
|---|---|---|---|---|---|
| 8 | 10/22/01 | **Clarification of removal of the loose paint prior to re-painting the interior walls of the treatment area.** | 10/23/01 | Pre-existing condition. No change to scope of work to performed. | None |
| 9 | 3/8/02 | **Clarification on interior piping and required spare parts.** | 3/13/02 | Discussed at Progress Meeting #8 as further review of the specifications need by Tyree. | None |
| 10 | 3/8/02 | **Clarification of on-site and off-site well for sampling. Furthermore, requested information on well construction details.** | 3/13/02 | List of well information inspected by E&E handed to Tyree at Progress Meeting #8. | Ongoing review with Tyree as required. |
| 11 | 3/21/02 | **Clarification on how is the electrical box sealed to the precast slab with the sump pump in it? What type of sealant can be used? How are the conduits sealed that go in and out of the poly box? What type of sealant can be used?** | 3/21/02 | The poly box is bolted to the precast slab. The box should be sealed on the outside of the unit. Tyree to submit sealant for use for approval. For the conduit, Note #2 of the pumping well detail specifies watertight seals for conduit through the wall of the box. Tyree to submit seals for use for approval. | Waiting for Tyree sealant submittal. |
| 12 | 3/28/02 | **The contract documents and specifications require the installation of 2 wall mounted heaters, 1 roof mounted ventilator, and associated wire, motor starters, and conduit. The electrical diagram requires each of these units to be hard wired and connected to the control panel(s). Please identify these controls within the treatment area.** | 4/17/02 | For the two unit heaters, thermostats need to be installed to control the operating temperatures in the room. The units should be configured to continue to operate if the power for the treatment system is shut off. For the roof mounted ventilator, this should also be interlocked to the treatment system, but should continue to operate and exhaust residual vapor in the room if the system faults or trips. | None |
| 13 | 3/28/02 | **The contract drawings identify a 27 kw duct heater. This unit is not identified in the specifications under the electrical or controls section. Please identify the correct placement and purpose for this equipment.** | 4/9/02 | The duct heater was specific to one model air stripper in the technical specifications. The air stripper model provided does not require a duct heat, but should reviewed and confirmed with NEEP, Inc. (equipment supplier) by Tyree. | None |
| 14 | 4/8/02 | **The section (on the air stripper) indicates an inspection of the air stripper is to be performed prior to shipment from the place of manufacture. Does the engineer need to travel to the place of manufacture prior to shipment ? The air stripper is completed and will be ready for shipment around April 10, 2002.** | 4/9/02 | The Engineer will not perform an inspection of the equipment at the manufacturers site. | None |

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| RFI No. | Date Received | Brief Description of RFI | Date Responded | Response | Additional Actions |
|---|---|---|---|---|---|
| 15 | 4/8/02 | **The pumping well connection detail does not identify the presence of conduit between the end of the conduit that runs back to the electrical junction box and the top of the well casing (sanitary seal). There currently is exposed insulated DC and AC electrical cable in this location (hazardous class 1 division 1). Does the Department want to have installed in this area, flexible conduit between the well casing end, and the rigid conduit?** | 4/8/02 | The well area locations are defined as Class 1 Division 1(hazardous locations). The drawings show the principal elements of the electrical installation. The drawings are not intended as detailed working drawings for electrical work, but as complement to the specifications. According to the well area classification all materials, equipment and incidentals shall meet NEC requirements for Class and Division designated. If watertight conduit and hubs are required for this area by code, it shall be installed without requesting additional costs. | None |
| 16 T-5 | 4/8/02 | **The specification identifies under this paragraph flanged joints and threaded joints. Also under the general section (3.1.D.1) the joints are to be completed in accordance with the manufacturers recommendations on installation. Will the Engineer allow use of solvent welded joints for the exposed piping application of this project?** | 4/8/02 | The preference by the Engineer would be not to use solvent welded joints for exposed piping based upon the contaminants at the project site. | None |
| 17 | 5/7/02 | **The section does not specify the micron rating for the bag filters proper. Please identify the micron rating required for the system design.** | 5/16/02 | Spec. Section 11552- Bag Filters. The micron rating for the filter bags as recommended by the design engineer is 5 microns. | None |
| 18 | 5/21/02 | **The PCO #13 directs Tyree to install vibration damping equipment /isolation equipment. The PCO does not identify the quantity and placement of the equipment. Attached are 2 separate types that are applicable for the type and weight of onsite equipment. Please identify the quantity and placement of the equipment for use under the air stripper skid.** | 6/12/02 | The vibration equipment or materials will be placed under the air stripper skid. The skid also includes the discharge pumps and the air stripper blower. The second unit for vibration control is the feed pump stand. The location of vibration control shall be placed under all uniform load bearing support members that support each unit. Refer to the manufacturers recommended installation procedures to properly isolate each unit. | None |
| 19 | 6/28/02 | **The stilling pipe (1.25 inch schedule 80 PVC) does not fit past the pitless adapter inside the 4 inch wells. The stilling pipe is to contain the submersible transducer. All of the materials are as contract specified and approved. Please advise on how to proceed. This is currently impeding final testing and startup.** | 7/5/02 | Greg Jones shall review other options to attach the level transducer in the field to the groundwater well discharge line. This will be coordinated with Tyree's site superintendent. | None |

| RFI No. | Date Received | Brief Description of RFI | Date Responded | Response | Additional Actions |
|---|---|---|---|---|---|
| 20 | 6/28/02 | **The Buffalo area distributor for Noise Suppression Technologies product "Quilted Curtain Composite has notified Tyree that the lead time to receive the product is a minimum of 4 weeks. This will adversely affect the project schedule and startup.** | 7/5/02 | The installation of the noise suppression materials is not a time critical item. Four weeks is an acceptable time and should not affect startup or project schedule. | None |
| 21 | 7/1/02 | **Addendum #2 (page 2 of 9) issued new bid item UC-10G (GAC air samples) with an estimated quantity of 5. The measurement and payment (page 8 of 9 Addendum #2) refers to section 01425. This section then refers to Table 01650-1 for frequency of sampling. Table 01650-1 identifies a total of 19 GAC samples to be collected at a frequency of daily during week 2 of start-up (quantity 5), weekly for weeks 3 and 4 of startup (quantity 2), and monthly for the duration of the contract (quantity 12).** | 7/5/02 | 7/3/02, If acceptable unit prices will be ineffect for overruns of the base unit quantity.<br><br>7/3/03, per P. Holloway unit price rate is acceptable beyond the base quantity. | None |
| 22 | 7/1/02 | **The SPDES permit for this project and the effluent limitations for discharge to Tannery Brook was issued under Addendum #1 Attachment E. This identifies the minimum monitoring requirements for the site's Chemicals of Concern to be weekly. The specification section 01650 and Table 01650-1 identify the monitoring frequency as monthly (beyond the 4 week start-up period).** | 7/5/02 | Startup requires monitoring chemicals of concern on a weekly basis. Once the system stabilizes or reaches steady state operations and is accepted monthly monitoring will be required. | None |
| | | | | | |

T-6

# U Project Potential Change Orders (PCOs) Log

**ecology and environment engineering, p.c.**
**International Specialists in the Environment**

*Buffalo Corporate Center*
368 Pleasant View Dr.
Lancaster, New York 14086
Phone 716.684.8060 Fax 717.684.0844

*Mr. C's Field Office (E&E Engineers)*
585 Main Street
East Aurora, New York 14052
Phone 716.860.1246 Fax 716.652.9475

**Mr C's Dry Cleaners Project**
**East Aurora, New York**

# Potential Change Order (PCO) Log

**Mr. C's Dry Cleaners Site, Site #9-15-157**

***Date: January 6, 2003***

| PCO. No. | Date Initiated | Brief Description of Potential Change Order | Response & Status | Cost Received | Cost Reviewed | Revised or Resubmitted | Final Submittal | Date Accepted or Rejected | Cost Increase | Time Increase | Cost Decrease |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10/24/01 | **PCO request for additional mobilization costs for a low profile drill rig due to interference from local power lines** | 11/2/01 request denied due to pre-existing conditions | N/A | N/A | N/A | N/A | N/A | - | - | - |
| 2 | 12/19/01 | **Request to provide labor equipment and materials to perform excavation and sampling on 5 additional test pits for determination of subsurface soil contamination.** | 1/4/02. Comments made to costs. Returned for revisions | Yes | Yes | 1/11/02 | Yes | 1/16/02 | $758.58 | 1 Day | - |
| 3 | 12/19/01 | **Perform pre and post pump test analysis for volatile organics, method 8260 on pumping well RW-1.** | 1/4/02. Comments made to costs. Returned for revisions | Yes | Yes | 1/11/02 | Yes | 1/16/02 | $570.00 | 1 Day | - |

*Dated: Janu. 6, 2003*

| PCO. No. | Date Initiated | Brief Description of Potential Change Order | Response & Status | Cost Received | Cost Reviewed | Revised or Resubmitted | Final Submittal | Date Accepted or Rejected | Cost Increase | Time Increase | Cost Decrease |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 11/26/01 | **Due to poor response from the pump test on PW-2 another pump test was requested on another pumping well -PW-7. Perform 72 hour pump test on PW-7, treat discharge waters and report results.** | 1/4/02 | Yes | 1/7/02 | 1/11/02 | Waiting for additional cost information | On hold at this time for additional cost data. | $31,246.04 | 17 Days | |
| 5 | 11/26/01 | **Provide additional soundproofing to the south wall of the treatment building. No previous soundproofing installed as a part of the project.** | 1/4/02 | Yes | 1/7/02 | 1/11/02 | Yes | Accepted on 1/11/02 | $834. 96 | 1 Day | |
| 6 | 12/12/01 | **Provide installation security lighting for duration of the construction phase of the project.** | 1/4/02 | Yes | 1/7/02 | 1/11/02 | Yes | Accepted on 1/16/02 | $271.43 | 0 days | |
| 7 | 11/26/01 | **Installation of an inline valve to the junction box servicing pumping wells PW-2 & Pw-3.** | 1/4/02 | Yes | 1/7/02 | 1/11/02 | Yes | Accepted on 1/16/02 | $218.30 | 1 Day | |
| 8 | 11/26/01 | **Installation of a pilot hole boring near PW-7 to 70 feet BGS. Perform sieve analysis on 3 composite split spoon samples and surge block PW-7D. Scope revised on 1/28/02 for costing.** | 1/25/02 | yes | yes | 2/01/02 | yes | 2/15/02 | $14,286.32 | 45 days | - |
| 9 | 5/15/02 | **Addition of the analytical parameter MTBE to the groundwater influent and effluent samples on process startup and during the monthly permit.** | 6/25/02 | No | No additional cost per Tyree | 6/25/02 | No | 6/25/02 | - | - | - |

*Dated: Janu. 6, 2003*

| PCO. No. | Date Initiated | Brief Description of Potential Change Order | Response & Status | Cost Received | Cost Reviewed | Revised or Resubmitted | Final Submittal | Date Accepted or Rejected | Cost Increase | Time Increase | Cost Decrease |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 5/15/02 | New paving of the East Aurora Public Library parking lot. | 6/1/02 | Yes | Yes | 7/1/02 | Yes | 7/5/02 | $13,749.98 | 5 days | - |
| 11 | 5/3/02 | Mr. Pitt Relocation program due to noise from Tyree operations. | 6/1/02 | Yes | Yes | 7/1/02 | Yes | 7/5/02 | $0 | 0 days | - |
| 12 | 6/1/02 | Restoration work in front of Mr. Pitt's yard . Replace with sod instead of re-seeding. | 6/25/02 | Yes | Yes | 7/1/02 | Yes | 7/5/02 | $0 | 0 days | - |
| 13 | 5/3/02 | Identified that vibration controls will be needed on the major pieces of rotating operating equipment in the treatment building. | 5/15/02 | Yes | Yes | 6/15/02 | Yes | 6/25/02 | $6,563.6 | 21 days | - |
| 14 | 5/3/02 | Provide noise control from the treatment operating equipment in the operating building. | 5/15/02 | Yes | Yes | 6/15/02 | Yes | 6/25/02 | $14,448.09 | 14 days | - |

U-5

*Dated: Janu. 6, 2003*

| PCO. No. | Date Initiated | Brief Description of Potential Change Order | Response & Status | Cost Received | Cost Reviewed | Revised or Resubmitted | Final Submittal | Date Accepted or Rejected | Cost Increase | Time Increase | Cost Decrease |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **15** | 5/30/02 | **Update in building code items in the treatment building related to smoke detectors and proper exit signage.** | 6/15/02 | Yes | Yes | Yes | 7/15/02 | 7/15/02 | $466.29 | 0 days | - |
| **16** | 6/1/02 | **Changes requested in the pump level controls by Tyree. PCO never processed after RFI response by E&E.** | 7/1/02 | No | No | No | None | 7/1/502 | $0 | 0 days | - |
| **17** | 7/29/02 | **Removal of site fence for the contractor's operations.** | 8/15/02 | Yes | Yes | Yes | 9/6/02 | 9/15/02 | $1,561.90 | 1 day | - |
| | | | | | | | | | | | |

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# V Project Executed Change Orders (COs)

**Mr. C's Dry Cleaners Site Remediation**
**NYSDEC Site Number: 9-15-157**
**Contract Number: D004180**
**Change Order Number: 1**

Change Order Amount: **$ 54,385.63**

Date of Issue: **February 27, 2002**

Contractor: The Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110

Engineer: Ecology & Environment Engineering, P.C.
368 Pleasant View Drive
Lancaster, New York 14086

---

Change Order Items: This Change Order comprises **ten (10)** items as identified and discussed below.

---

## I. CHANGE ORDER ITEMS

### A. PAYMENT ITEM LS-1 – Site Preparation

DESCRIPTION OF CHANGE:

Increase in estimated quantity of payment item LS-1 based on the excavation of additional test pits and the performance of soils analysis to better quantify the amount of hazardous soils associated with the project.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 01425 - Sampling and Analysis

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

No soils were previously characterized within the areas requiring trenching and installation of pumping lines for the groundwater extraction system. The excavation of test pits will allow for the characterization the subsurface soils for offsite disposal.

COST:

Increase in Payment Item LS-1 of $758.58.

The labor for the work effort includes 5 hours for backhoe with operator, 5 hours general laborer, 1 hour labor for monitoring sampling, and 5 soil samples for TCL volatile organics analysis, in accordance with ASP Method 95-1 with Category B deliverables. Payment of the 5 soil samples to be made under Unit Price Item UC-10C.

Total **Increase** in Contract Price: **$758.58**

**B. PAYMENT ITEM LS-1 – Site Preparation**

DESCRIPTION OF CHANGE:

Influent and effluent sampling of pump test waters generated from groundwater pumping well RW-1.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work, 01425 - Sampling and Analysis, and 02260 - Groundwater Pumping Wells and Piezometers

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

No current information was available on the concentrations of contaminants prior to or after the pump test for proposed pumping well RW-1. This change was necessary to evaluate treatment efficiency of the interim carbon treatment system prior to discharge of collected waters from the pump test and to demonstrate compliance with the temporary SPDES permit. The updated water quality data was also collected to evaluate the level of contaminates and how they will potentially affect the existing design of the proposed permanent groundwater treatment system.

COST:

Total Increase in Payment Item LS-1 of $570.00.

The labor and equipment to obtain samples during the required pump tests and to perform for the work effort includes 1 hour general labor costs and two analyzes. Materials include analysis of two samples with 24 hours for volatile organic contaminants using EPA SW-846 Method 8260 with a 24 hour turnaround time for results. Analytical results to report low concentrations of VOCs with a detection limit of 1.0 ug/l per the technical specifications.

Total **Increase** in Contract Price: **$570.00**

**C. PAYMENT ITEM LS-1 - Site Preparation**

DESCRIPTION OF CHANGE:

A 4th additional 72 hour groundwater pump test was requested as a result of interference and response issues encountered by the Contractor during the original pump test at PW-2 and observation piezometers. The 4th additional pumping test was requested to be performed by the Contractor on newly installed pumping well PW-7. Also requested was a short term, 8 hour pump test to review response of the aquifer after surge blocking PW-7.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 02660 - Groundwater Pumping Wells and Piezometers

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

This work was beyond the scope of services for general site preparation services and the required number of pump test required by the technical specifications.

COST:

Increase in Payment Item LS-1 of $31,246.04.

The work included the labor, subcontracted work, equipment and materials in which to perform the 72 hour pump test by the Contractor for PW-7. This also included the labor, equipment and materials in which to perform a short term (8 hour) pump test on PW-7.

Total **Increase in** Contract Price: **$31,246.01**

**D. PAYMENT ITEM LS-3 – Treatment Building Preparation**

DESCRIPTION OF CHANGE:

The work includes soundproofing of the south wall in the improved treatment area.

DRAWING REFERENCE: Sheet G-5

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work

CONTRACT PAY ITEM No.: Payment Item LS-3

REASON FOR CHANGE:

Beyond the scope of services for general building preparation services.

COST:
Increase in Payment Item LS-1 of $834.96.

The work consists of the labor, equipment and materials to install soundproofing materials within the non-bearing wall cavity to reduce treatment equipment noise.

Total **Increase** in Contract Price: **$834.96**

**E. PAYMENT ITEM LS-1 – Site Preparation**

DESCRIPTION OF CHANGE:

Additional security lighting at the mobilization site services area for added protection and ease of inspection during off shift periods.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

Beyond the scope of services for general site preparation services and bid item LS-1.

COST:

Increase in Payment Item LS-1 of $271.43.

The labor for the work effort and materials includes the installation of the security light by New York State Electric and Gas personnel and 5 months of electrical service commencing in December 2001.

Total **Increase** in Contract Price: **$271.43**

**F. PAYMENT ITEM LS-1 – Site Preparation**

DESCRIPTION OF CHANGE:

Installation of an inline shutoff valve in the junction box servicing Pumping Wells PW-2 and PW-3

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 15100 - Valves and Appurtenances

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

Beyond the scope of services for general site preparation services and bid item LS-1.

COST:

Increase in Payment Item LS-1 of $218.30.

Labor, Equipment and materials to install an in-line shutoff valve for the junction box servicing Pumping Wells PW-2 and PW-3.

Total **Increase** in Contract Price: **$218.30**

**G. PAYMENT ITEM LS-1 – Site Preparation**

DESCRIPTION OF CHANGE:

Installation of a borehole in proximity of Pumping Well PW-7 to evaluate the installation of a new pumping well. This includes the performance of three sieve analyzes on borehole cuttings and the surge blocking of previously installed piezometer PZ-7D to improve the observation of groundwater drawdown.

DRAWING REFERENCE: Sheet G-1

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02660 - Groundwater Pumping Wells and Piezometers

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

Beyond the scope of services for general site preparation services.

COST:

Increase in Payment Item LS-1 of $14,286.32.

The scope of services includes the labor, equipment, subcontractor services and materials in which to

provide a seventy (70) foot borehole for the evaluation of geolithic zones and to determine placement of the screened interval for improved collection of contaminated groundwater. Furthermore, perform a sieve analysis on three composite sampling of borehole cuttings to correctly size the screen and filter sandpack. Finally, perform surge blocking of designated piezometer PZ-7D to improve the observation of drawdown influence.

Total **Increase** in Contract Price: **$14,286.32**

**H. PAYMENT ITEM UC-6A - Disposal of Hazardous Soils**

DESCRIPTION OF CHANGE:

Based on analytical results collected from test pit soils, less hazardous soils are anticipated to be encountered. This item reduces the contract quantity of hazardous soils for disposal from 700 tons to 250 tons. A reduction of 450 tons.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02220 - Excavation and Backfill

CONTRACT PAY ITEM No.: Payment Item UC-6A

REASON FOR CHANGE:

Soils tested and characterized as non-hazardous during previous investigations where previously presumed to be hazardous.

COST:

Decrease in Payment Item UC-6A. Net decrease of 450 tons at $210/ton or $94,500.00.

Determination is based on actual test pit analytical results along the installation of the shallow pumping line installations

Total **Decrease** in Contract Price: **$94,500.00**

**I. PAYMENT ITEM UC-6B - Disposal of Non-Hazardous Soils**

DESCRIPTION OF CHANGE:

Based on analytical results more non-hazardous soils are anticipated to be encountered with the project. This request is to increase the quantity of non-hazardous soils for disposal from 500 tons to 1900 tons. An increase of 1400 tons.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02220 - Excavation and Backfill

CONTRACT PAY ITEM No.: Payment Item UC-6B

REASON FOR CHANGE:

Soils tested and characterized as non-hazardous where previously presumed to be hazardous.

COST:

Increase in Payment Item UC-6B. Net increase of 1400 tons at $76/ton or $100,700.00.

Determination is based on actual test pit analytical results along the installation of the shallow pumping line installations

Total **Increase** in Contract Price: **$100,700.00**

**J. THIS CHANGE IN THE ORIGINAL CONTRACT IS FOR SECTION VI, ATTACHMENT A – SEPARABLE PARTS OF THE WORK**

DESCRIPTION OF CHANGE:

The number of days for Substantial Completion for Part A are extended by six four (64) calendar days for work related change order items A-I.

DRAWING REFERENCE: Not Applicable

SPECIFICATION REFERENCE: Section VI, Attachment A

CONTRACT PAY ITEM No.: Not Applicable

REASON FOR CHANGE:

This change order item is necessary for:

An additional sixty four (64) calendar days were required for substantial completion of separable part A due to the additional services incurred by the contractors associated with additional site services.

COST:

No cost adjustment will be made for this item.

## II. CHANGE ORDER NUMBER 1 SUMMARY

| | |
|---|---|
| A. Payment Item LS-1 - Site Preparation - Additional Test Pits and Analysis. | $ 758.58 |
| B. Payment Item LS-1 - Site Preparation - Pre and Post Groundwater Analysis - RW-1 | $ 570.00 |
| C. Payment Item LS-1 - Site Preparation - New 72 hour and 8 hour Pump Test PW-7 | $ 31,246.04 |
| D. Payment Item LS-3 - Building Preparation - Added soundproofing | $ 834.96 |
| E. Payment Item LS-1 - Site Preparation - Security Lighting | $ 271.43 |
| F. Payment Item UC-5A - Groundwater Collection Piping - Additional Valve | $ 218.30 |
| G. Payment Item LS-1 - Site Preparation - Borehole Installation and Surge Block | $ 14,286.32 |
| H. Payment Item UC-6A - Disposal of Hazardous Soils - Reduction | ($ 94,500.00) |
| I. Payment Item UC-6B - Disposal of Non Hazardous Soils - Increase | $100,700.00 |

J. Section VI, Attachment A - Part A - Sixty Four (64) days Time Extension N/A

**Total Increase** **$ 54,385.63**

## III. CHANGE IN CONTRACT PRICE

| | |
|---|---|
| Original Contract Price: | $1,379,947.00 |
| Contract Price after previous approved Change Orders: | $1,379,947.00 |
| Net Increase Due to this Change Order 1: | $54,385.63 |
| **New Contract Price including this Change Order:** | **$1,434,332.63** |

## IV. CHANGE IN CONTRACT TIME:

Notice to Proceed (NTP) date: October 15, 2001

| | **Substantial Completion** | | **Final Completion** (All Parts) |
|---|---|---|---|
| | **Part A** | **Part B** | **Final** |
| Original Contract Time (Days from NTP) | 224 | 589 | 653 |
| Original Contract Time (Date) | April 26, 2002 | April 26, 2003 | June 29, 2003 |
| Contract Time Previous Change Orders (Days) | 0 | 0 | 0 |
| Net Increase This Change Order (Days) | 64 | 0 | 0 |
| Net Contract Time (Days from NTP) | 288 | 653 | 713 |
| **Net Contract Time (Date)** | **June 29, 2002** | **June 29, 2003** | **August 29, 2003** |

It is understood and agreed that, unless expressly so stated above, the work herein authorized will not extend the time for completion of the Contract.

It is understood and agreed that this change order represents full and complete compensation for all work described herein.

This work is to be performed in accordance with the terms of the Contract and original plans and specifications, except as herein modified. It is also understood and agreed that this change order shall be deemed executory only to the extent of moneys available and no liability shall be incurred by the State beyond the moneys available for the purpose.

CONTRACT NUMBER D004180

IN WITNESS WHEREOF, representatives of the Department and the Contractor have executed this Contract on the day and year written beneath their respective signatures. The signatory for the Department provides the following Agency Certification: "In addition to the acceptance of this contract, I also certify that original copies of this signature page will be attached to all other exact copies of this contract."

Recommended:

By: _____

Title: _____

Date: _____

FOR DEPARTMENT

By: _____

Title: _____

Date: _____

FOR NYSDEC ENGINEER

By: _____

Title: _____

Date: _____

FOR CONTRACTOR

By: _____

Title: _____

Date: _____

Approved as to Form:

By: _____

Attorney General

Date: _____

Approved:

By: _____

State Comptroller

Date: _____

STATE OF _____ )
) SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known, who being duly sworn, did depose and say that (s)he resides in _____, New York; that (s)he is _____ of _____, the corporation described in and which executed the above instrument; that (s)he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation and that (s)he signed his/her name thereto by the same authority.

_____
Notary Public

STATE OF _____ )
)SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known, who being duly sworn, did depose and say that (s)he resides in _____, New York; that (s)he is _____ of _____, the corporation described in and which executed the above instrument; that (s)he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation and that (s)he signed his/her name thereto by the same authority.

_____
Notary Public

STATE OF _____ )
)SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known and, being duly sworn, stated that (s)he is a member of employee of_____, the firm described in and which executed the foregoing instrument, and (s)he acknowledged to me that (s)he subscribed his/her name thereto on behalf of said firm.

_____
Notary Public

STATE OF _____ )
)SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known and, being duly sworn, stated that (s)he is a member of employee of_____, the firm described in and which executed the foregoing instrument, and (s)he acknowledged to me that (s)he subscribed his/her name thereto on behalf of said firm.

_____
Notary Public

**Mr. C's Dry Cleaners Site Remediation**
**NYSDEC Site Number: 9-15-157**
**Contract Number: D004180**
**Change Order Number: 2**

Change Order Amount: **($ 32,611.49)**

Date of Issue: **January 6, 2003**

Contractor: The Tyree Organization, Ltd.
4 Northway Lane
Latham, New York 12110

Engineer: Ecology & Environment Engineering, P.C.
368 Pleasant View Drive
Lancaster, New York 14086

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Change Order Items: This Change Order comprises sixteen **(16 )** items as identified and discussed below.

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## I. CHANGE ORDER ITEMS

### A. PAYMENT ITEM LS-2 – Site Restoration

DESCRIPTION OF CHANGE:

Increase in estimated quantity of payment item LS-2 - Site Restoration based on the paving performed to restore the East Aurora Public Library parking lot. Limited paving replacement was to be performed along trench excavations. As a result of the poor condition of the existing paving outside the trench limit additional paving was performed for uniform appearance of the surrounding paved area. The change provided for the removal of the existing pavement, preparation and compaction of the subbase and installation of new paving.

DRAWING REFERENCE: Sheet G-1

SPECIFICATION REFERENCES: Section XI – 01010 – Summary of Work and 02512 - Bituminous Paving.

CONTRACT PAY ITEM No.: Payment Item LS-2

REASON FOR CHANGE:

The existing paved area where the groundwater extraction system was to be placed was in poor condition. To give uniformity to the re-paved area additional paving was performed.

COST:

Increase in Payment Item LS-2 of $13,749.98.

This included $11,968 of subcontracted work for a paving subcontractor, 18 hours of labor provided by the prime contractor to remove the existing pavement and restore the area after completion.

Total **Increase** in Contract Price: 13 **$13,749.98**

**B. PAYMENT ITEM LS-4 – Groundwater Treatment System Installation**

DESCRIPTION OF CHANGE:

The treatment system for the project was installed in an existing facility. This facility also has adjacent occupants which lease space which operate next to the new equipment. To reduce equipment vibration through the wall and floor vibration dampening materials were installed under active vibrating equipment.

DRAWING REFERENCE: Sheet G-5

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work, 11514 - End Section Pumps - Submersible, and 11550 - Low-Profile Shallow Tray Air Stripper.

CONTRACT PAY ITEM No.: Payment Item LS-4

REASON FOR CHANGE:

To reduce vibrations from operating equipment installed under the contract to adjacent areas of the treatment building.

COST:

Total Increase in Payment Item LS-4 of $6,563.64

The labor, equipment, and materials to install vibration control matting under vibrating equipment in the treatment building. Approximately $2,944.50 in cost for vibration control matting. 12 hours of labor and equipment to install the materials.

Total **Increase** in Contract Price: **$6.563.64**

**C. PAYMENT ITEM LS-3 – Building Preparation**

DESCRIPTION OF CHANGE:

The treatment system for the project was installed in an existing facility. This facility also has occupants which lease space which operate next to the new equipment. To reduce equipment noise through the wall and floor noise dampening materials were installed on the interior perimeter walls of the treatment building.

DRAWING REFERENCE: Sheet G-2

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work.

CONTRACT PAY ITEM No.: Payment Item LS-3

REASON FOR CHANGE:

To reduce vibrations from operating equipment installed under the contract to adjacent areas of the treatment building.

COST:

Total Increase in Payment Item LS-3 of $14,448.09

The labor, equipment, and materials to install noise control batting around the interior perimeter walls of the treatment building. Approximately $9,500.98 in cost for noise control batting. 110 hours of labor and equipment to install the materials.

Total **Increase** in Contract Price: **$14,448.09**

**D. PAYMENT ITEM LS-3 – Treatment Building Preparation**

DESCRIPTION OF CHANGE:

The work includes installation of smoke detectors and exit signs in the building in accordance to local building code requirements.

DRAWING REFERENCE: Sheet G-5

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work

CONTRACT PAY ITEM No.: Payment Item LS-3

REASON FOR CHANGE:

Beyond the scope of services for general building preparation services and building code requirements.

COST:

Increase in Payment Item LS-1 of $466.29.

The work consists of the labor, equipment and materials to install smoke detectors and exit sign on the interior of the treatment facility.

Total **Increase** in Contract Price: **$466.29**

**E. PAYMENT ITEM LS-1 – Site Preparation**

DESCRIPTION OF CHANGE:

Removal of the site fencing installed as a part of the project site preparation.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work

CONTRACT PAY ITEM No.: Payment Item LS-1

REASON FOR CHANGE:

Beyond the scope of services for general site preparation services and bid item LS-1.

COST:

Increase in Payment Item LS-1 of $1,561.90.

The labor, equipment and materials for the removal and staging of the site fence for removal by others.

Total **Increase** in Contract Price: **$1,561.90**

**F. PAYMENT ITEM UC-1 - Site Services**

DESCRIPTION OF CHANGE:

Based on changes in overall contract time, the extension of site services was required for the project site. This request is to increase the quantity of site services from 533 days to 639 days. An increase of 106 days.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work, 01050 - Field Engineering,, 01200 - Health and Safety, 01425 - Sampling and Analysis Plan, 01520 - Temporary Construction Facilities, 01540 - Security, 01580 Project Identification and Signs, 01591 - Engineer's Field Office, and 01720 - Record Documents.

CONTRACT PAY ITEM No.: Payment Item UC-1

REASON FOR CHANGE:

Additional time for site services by the contractor as a result of time accounted for under change orders.

COST:

Increase in Payment Item UC-1. Total net increase of 106 days at $85/day or **$9,010.00.**

**G. PAYMENT ITEM UC-2 - Health and Safety**

DESCRIPTION OF CHANGE:

Additional days during project work where establishment of an exclusion zone and increased level of personal protection was required in performance of the installation of utilities. This request is to increase the quantity of required health and safety days from 20 days to 25 days. An increase of 5 days.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work, 01200 - Health and Safety, 0220 - Excavation and Backfill.

CONTRACT PAY ITEM No.: Payment Item UC-2

REASON FOR CHANGE:

Additional time for site services by the contractor as a result of time accounted for under change orders.

COST:

Increase in Payment Item UC-2. Total net increase of 5 days at $1,150/day or **$5,750.00.**

**H. PAYMENT ITEM UC-3C - Installation of Groundwater Pumping Well PW-1**

DESCRIPTION OF CHANGE:

Based utilizing monitoring well RW-1 for ground water pumping, this line item was no long needed.

DRAWING REFERENCE: Sheet G-1

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work .

CONTRACT PAY ITEM No.: Payment Item UC-3C

REASON FOR CHANGE:

Bid item no longer needed. Existing well RW-1 accepted as groundwater pumping point.

COST:

Decrease in Payment Item UC-3C. Total net decrease of one pumping well or $11,935.00.

Determination is based on utilizing existing monitoring well RW-1 for the project.

Total **Decrease** in Contract Price: **($11,934.00)**

**I. PAYMENT ITEM UC-3D - Installation of Additional Groundwater Wells**

DESCRIPTION OF CHANGE:

No additional groundwater wells were required for installation with the project.

DRAWING REFERENCE: Sheet G-1

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work.

CONTRACT PAY ITEM No.: Payment Item UC-3D

REASON FOR CHANGE:

No additional groundwater wells are required to be installed with the project.

COST:

Decrease in Payment Item UC-3C. Total net decrease of one pumping well or $5,883.00.

Determination is based on no further groundwater wells required with the project.

Total **Decrease** in Contract Price: **($5,883.00)**

**J. PAYMENT ITEM UC-6A - Disposal of Hazardous Soils**

DESCRIPTION OF CHANGE:

Based on analytical results collected from test pit soils, less hazardous soils were anticipated to be encountered. This item reduces the contract quantity of hazardous soils for disposal based on actual quantities from 250 tons to 15 tons. A reduction of 235 tons.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02220 - Excavation and Backfill

CONTRACT PAY ITEM No.: Payment Item UC-6A

REASON FOR CHANGE:

Soils tested and characterized as non-hazardous during previous investigations where previously presumed to be hazardous.

COST:

Decrease in Payment Item UC-6A. Total net decrease of 235 tons at $210/ton or $49,350.00.

Determination is based on actual test pit analytical results along the final installation of the shallow pumping line installations

Total **Decrease** in Contract Price: **($49,350.00)**

## K. PAYMENT ITEM UC-6B - Disposal of Non-Hazardous Soils

DESCRIPTION OF CHANGE:

Based on analytical results more non-hazardous soils are anticipated to be encountered with the project. This request is to increase the quantity of non-hazardous soils for disposal from 1900 tons to 2000 tons. An increase of 100 tons.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02220 - Excavation and Backfill

CONTRACT PAY ITEM No.: Payment Item UC-6B

REASON FOR CHANGE:

Soils tested and characterized as non-hazardous where previously presumed to be hazardous.

COST:

Increase in Payment Item UC-6B. Total net increase of 100 tons at $76/ton or $7,600.00.

Determination is based on actual test pit analytical results along the installation of the shallow pumping line installations

Total **Increase** in Contract Price: **$7, 600.00**

## L. PAYMENT ITEM UC-8 - Pavement

DESCRIPTION OF CHANGE:

Based on the amount of pavement installed according to the requirements of the contract documents, less pavement was required to be installed. This item reduces the contract quantity of pavement from 1200 square yards to 800 square yards. A reduction of 400 square yards.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02512 - Bituminous Paving.

CONTRACT PAY ITEM No.: Payment Item UC-8

REASON FOR CHANGE:

Actual measurement of final installation was determined to be less than the contract amount.

COST:

Decrease in Payment Item UC-8. Total net decrease of 400 square yards at $24.30 per square yard or $9,720.00.

Determination is based on final field measurements of materials installed.

Total **Decrease** in Contract Price: **($9,720.00)**

**M. PAYMENT ITEM UC-10G - GAC Air Samples**

DESCRIPTION OF CHANGE:

Based on twelve months of Operation and Maintenance additional GAC air samples will be needed to complete the twelve months of monitoring. This request is to increase the quantity of GAC air Samples from 5 samples each to 24 samples each. An increase of 19 samples each.

DRAWING REFERENCE: None

SPECIFICATION REFERENCE: Section XI – 01010 – Summary of Work and 02220 - Excavation and Backfill

CONTRACT PAY ITEM No.: Payment Item UC-10G

REASON FOR CHANGE:

Soils tested and characterized as non-hazardous where previously presumed to be hazardous.

COST:

Increase in Payment Item UC-10G. Total net increase of 19 samples at $515/sample or $9,785.00.

Determination is based on actual test pit analytical results along the installation of the shallow pumping line installations

Total **Increase** in Contract Price: **$9,785.00**

**N. THIS CHANGE IN THE CONTRACT IS FOR *NEW* PAYMENT ITEM LS-6- ENGINEERS RECOVERY OF OVERTIME INSPECTION COSTS**

DESCRIPTION OF CHANGE:

Per Articles 5.3.1 and 5.3.5 of the General Conditions (Section VIII of the Contract Documents), the Department shall be entitled to recover extra costs incurred in providing inspection services related to Contractor Work performed during other than normal working hours.

DRAWING REFERENCE: Not Applicable

SPECIFICATION REFERENCE: Section VIII, Articles 5.3.1 and 5.3.5

CONTRACT PAY ITEM No.: Not Applicable

REASON FOR CHANGE:

The Contractor performed work in excess of those defined and approved by the New York State Department of Labor project specific dispensation regulations. As such, the Department is recovering extra costs incurred for providing inspection services during Contractor's overtime work.

Detailed and approved hours of overtime from 10/13/01 to 11/16/02:
G. Jones - 24.5 Hours @ $69.73 / hour = **$1,708.39**

Total **Decrease** in Contract Price: **($ 1,708.39)**

**O. THIS CHANGE IN THE ORIGINAL CONTRACT IS FOR SECTION VI, ATTACHMENT A – SEPARABLE PARTS OF THE WORK**

DESCRIPTION OF CHANGE:

The number of days for Substantial Completion for Part A are extended by forty two (42) calendar days for work related change order items A-G.

DRAWING REFERENCE: Not Applicable

SPECIFICATION REFERENCE: Section VI, Attachment A

CONTRACT PAY ITEM No.: Not Applicable

REASON FOR CHANGE:

This change order item is necessary for: An additional forty two (42) calendar days were required for substantial completion of separable part A due to the additional services incurred by the contractors associated with additional site services.

COST:

No cost adjustment will be made for this item.

**P. THIS CHANGE IN THE CONTRACT IS FOR *NEW* PAYMENT ITEM LS-5 (LIQUIDATED DAMAGES)**

DESCRIPTION OF CHANGE:

The number of calendar days for Substantial Completion of Part A are extended by 27 calendar days because of Contractor related delays.

DRAWING REFERENCE: Not Applicable

SPECIFICATION REFERENCE: SECTION VI, Attachment A
and SECTION VII - Appendix B, Article XI

*NEW* CONTRACT PAY ITEM No.: LS-5 - "Liquidated Damages"

REASON FOR CHANGE:

This change order item is necessary because: Additional calendar days were used by the Contractor to reach Substantial Completion of Separable Part A.

COST:

The Contract Documents, Section VI of the Agreement, Article 6 - Contract Time (Page VI-11), specifies liquidated damages in the amount of $850 for every day substantial completion of Part A is late. Executed Change Order 1 established a Separable Part A Substantial Completion date of June 29, 2002. This Change Order 2 extends the Part A Substantial Completion date to August 10, 2002. The Engineer's approved Substantial Completion date was subsequently determined to be September 6, 2002 for a total delay of 27 days.

**Total of Liquidated damages Associated with Separable Part A:**
**27 calendar days x $850/calendar day = ($22,950.00)**

## II. CHANGE ORDER NUMBER 2 SUMMARY

| | |
|---|---|
| A. Payment Item LS-2 - Additional Paving Library: | $ 13,749.98 |
| B. Payment Item LS-4 - Vibration Control | $ 6,563.64 |
| C. Payment Item LS-3 - Noise Control | $ 14,448.09 |
| D. Payment Item LS-3 - Building Code Requirements | $ 466.29 |
| E. Payment Item LS-1 - Site Fencing Removal | $ 1,561.90 |
| F. Payment Item UC-1 - Site Services | $ 9,010.00 |
| G. Payment Item UC-2 - Health and Safety | $ 5,750.00 |
| H. Payment Item UC-3C - Pumping Well PW-1 | ($11,935.00) |
| I. Payment Item UC-3D - Additional Groundwater Wells | ($ 5,883.00) |
| J. Payment Item UC-6A - Disposal of Hazardous Waste Soils | ($49,350.00) |
| K. Payment Item UC-6B - Disposal of Non-Hazardous Waste Soils | $ 7,600.00 |
| L. Payment Item UC-8 - Pavement | ($ 9,720.00) |
| M. Payment Item UC-10G - GAC Air Samples | $ 9,785.00 |
| N. Reimbursement for Overtime for the Engineer per Contract | ($ 1,708.39) |
| O. Section VI, Attachment A, Part A 36 Calendar Days Time Extension | N/A |
| P. New Payment Item LS-5 "Liquidated Damages" | ($ 22,950.00) |
| **Total Decrease:** | **($ 32,611.49)** |

## III. CHANGE IN CONTRACT PRICE:

| | |
|---|---|
| Original Contract Price: | $1,379,947.00 |
| Contract Price after previous approved Change Order 1: | $1,434,332.63 |
| Net Decrease Due to this Change Order 2: | ($ 32,611.49) |
| **New Contract Price including this Change Order:** | **$1,401,721.14** |

## IV. CHANGE IN CONTRACT TIME:

Notice to Proceed (NTP) date: **October 15, 2001**

| | **Substantial Completion** | | **Final Completion** (All Parts) |
|---|---|---|---|
| | **Part A** | **Part B** | **Final** |
| Original Contract Time (Calendar Days from NTP) | 224 | 590 | 649 |
| Original Contract Time (Date) | April 26, 2002 | April 26, 2003 | June 29, 2003 |
| Contract Time Previous Change Orders (Calendar Days) | 64 (288) | 0 (653) | 0 (713) |
| Net Increase This Change Order (Calendar Days) | 42 | 0 | 0 |
| Net Contract Time (Calendar Days from NTP) | 330 | 695 | 755 |
| **Net Contract Time (Date)** | **August 10, 2002** | **August 10, 2003** | **October 9, 2003** |

It is understood and agreed that, unless expressly so stated above, the work herein authorized will not extend the time for completion of the Contract.

It is understood and agreed that this change order represents full and complete compensation for all work described herein.

This work is to be performed in accordance with the terms of the Contract and original plans and specifications, except as herein modified. It is also understood and agreed that this change order shall be deemed executory only to the extent of moneys available and no liability shall be incurred by the State beyond the moneys available for the purpose.

CONTRACT NUMBER D004180

IN WITNESS WHEREOF, representatives of the Department and the Contractor have executed this Contract on the day and year written beneath their respective signatures. The signatory for the Department provides the following Agency Certification: "In addition to the acceptance of this contract, I also certify that original copies of this signature page will be attached to all other exact copies of this contract."

Recommended:

By: _____

Title: _____

Date: _____

FOR DEPARTMENT

By: _____

Title: _____

Date: _____

FOR NYSDEC ENGINEER

By: _____

Title: _____

Date: _____

FOR CONTRACTOR

By: _____

Title: _____

Date: _____

Approved as to Form:

By: _____

Attorney General

Date: _____

Approved:

By: _____

State Comptroller

Date: _____

STATE OF _____ )
) SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known, who being duly sworn, did depose and say that (s)he resides in _____, New York; that (s)he is _____ of _____, the corporation described in and which executed the above instrument; that (s)he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation and that (s)he signed his/her name thereto by the same authority.

_____
Notary Public

STATE OF _____ )
)SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known, who being duly sworn, did depose and say that (s)he resides in _____, New York; that (s)he is _____ of _____, the corporation described in and which executed the above instrument; that (s)he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation and that (s)he signed his/her name thereto by the same authority.

_____
Notary Public

STATE OF _____ )
)SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known and, being duly sworn, stated that (s)he is a member of employee of_____, the firm described in and which executed the foregoing instrument, and (s)he acknowledged to me that (s)he subscribed his/her name thereto on behalf of said firm.

_____
Notary Public

STATE OF _____ )
)SS:
COUNTY OF _____ )

On the _____ day of _____, 20____, before me personally came _____, to me known and, being duly sworn, stated that (s)he is a member of employee of_____, the firm described in and which executed the foregoing instrument, and (s)he acknowledged to me that (s)he subscribed his/her name thereto on behalf of said firm.

_____
Notary Public

# W Summary of Project Final Construction Quantities and Costs

# Mr. C's Dry Cleaners Site
# Site Number 9-15-197
# Contract Number D004180

## Final Construction Quantities

1. Backfill Material

- Pea Gravel (364 Tons) = 274 Yards
- # 1 Crusher Run Stone (666.8 Tons) = 494 Yards
- Top Soil (20 SY)

2. Paving Material

- Whaley Ave Force Main (599 SY) Sub-Contractor - Anatasia
- Whaley Ave Crossing 27.18 SY) Contractor-Tyree
- Mr. C's Parking Lot (1,507 SF) Sub- Contractor- D&H Paving
- Library Parking East & Driveway (598.2 SY) Sub-Contractor- D&H Paving
- Library Parking Lot South (337 SY) Sub-Contractor- D&H Paving

3. HDPE PIPE

- Force Main (1,346 linear)
- Groundwater Treatment 4- inch and 6-inch (931 linear feet)

4. Excavated Soil and Other Solid Waste

- Non-Hazardous Soil Force Main and Groundwater Delivery Excavation (2030 Tons)
- Hazardous Soil (13.85 Tons) - Soil Cuttings from Roll- Off
- Spent Carbon (40 Tons) - Pump Test

5. Over Excavated Soil Quantity

PW-8 to PW-7 = 1.24 Tons
PW-7 to PW-6 = 1.43 Tons
PW-7 to 90 Degree Turn = 13.14 Tons
90 Degree Turn to PW-4 = 8.74
PW-5 to PW-4/5 Junction Box = 1.44 Tons
Library Apron to Whaley Ave Crossing = 27.55 Tons
East Sidewalk to PW-2/3 Tee = 9.22 Tons

**Mr. C's Dry Cleaners Site**
**Site # 9-15-157**
**Contract # D004180**

CAP Final Review

| Item | Original Quantity | Description | Cost / Unit | Original Contract Costs | Final Actual Quantity* | Units of Measure | Cost of Work completed for CAP Final | Overall Contract Costs | Cost of Work Remaining |
|---|---|---|---|---|---|---|---|---|---|
| LS-1 | 1 | Site Prep | $68,912.00 | $68,912.00 | 1 | LS | $68,912.00 | $68,912.00 | $0.00 |
| LS-2 | 1 | Site Restoration | $8,541.00 | $8,541.00 | 1 | LS | $8,541.00 | $8,541.00 | $0.00 |
| LS-3 | 1 | Building Prep | $129,690.00 | $129,690.00 | 1 | LS | $129,690.00 | $129,690.00 | $0.00 |
| LS-4 | 1 | GW Treatment System | $271,534.00 | $271,534.00 | 1 | LS | $271,534.00 | $271,534.00 | $0.00 |
| UC-1 | 533 | Site Services | $85.00 | $45,305.00 | 634 | Days | $53,890.00 | $45,305.00 | -$8,585.00 |
| UC-2 | 20 | Health and Safety | $1,150.00 | $23,000.00 | 25 | Days | $28,750.00 | $23,000.00 | -$5,750.00 |
| UC-3A | 7 | Pumping Well Installation | $10,955.00 | $76,685.00 | 7 | Each | $76,685.00 | $76,685.00 | $0.00 |
| UC-3B | 1 | RW 1 Installation | $4,309.00 | $4,309.00 | 1 | Each | $4,309.00 | $4,309.00 | $0.00 |
| UC-3C | 1 | Install GW Well for RW 1 | $11,935.00 | $11,935.00 | 0 | Each | $0.00 | $11,935.00 | $11,935.00 |
| UC-3D | 1 | Additional Wells | $5,883.00 | $5,883.00 | 0 | Each | $0.00 | $5,883.00 | $5,883.00 |
| UC-4 | 30 | Piezometer Installation | $2,042.00 | $61,260.00 | 30 | Each | $61,260.00 | $61,260.00 | $0.00 |
| UC-5A | 1175 | Groundwater Collection Pipe | $60.00 | $94,000.00 | 931 | LF | $74,480.00 | $94,000.00 | $19,520.00 |
| UC-5B | 1325 | GW Forcemain | $105.00 | $139,125.00 | 1346 | LF | $141,330.00 | $139,125.00 | -$2,205.00 |
| UC-5C | 425 | Select Fill | $43.00 | $18,275.00 | 454 | Tons | $19,522.00 | $18,275.00 | -$1,247.00 |
| UC-6A | 700 | Disposal of Haz Soils | $210.00 | $147,000.00 | 15 | Tons | $3,150.00 | $147,000.00 | $143,850.00 |
| UC--6B | 500 | Disposal of Non-haz Soils | $76.00 | $38,000.00 | 1967.23 | Tons | $149,509.48 | $38,000.00 | -$111,509.48 |
| UC-7A | 25 | Concrete -sidewalks | $525.00 | $13,125.00 | 25 | SY | $13,125.00 | $13,125.00 | $0.00 |
| UC-7B | 5 | Concrete Manholes | $3,526.00 | $17,630.00 | 5 | Each | $17,630.00 | $17,630.00 | $0.00 |
| UC-7C | 3 | Concrete Cleanout Chambers | $4,509.00 | $13,527.00 | 3 | Each | $13,527.00 | $13,527.00 | $0.00 |
| UC-8 | 1200 | Pavement | $24.30 | $29,160.00 | 794 | SY | $19,294.20 | $29,160.00 | $9,865.80 |
| UC-9 | 12 | Treatment System O&M | $9,895.00 | $118,740.00 | 12 | Months | $118,740.00 | $118,740.00 | $0.00 |
| UC-10A | 53 | GW Baseline sampling | $186.00 | $9,858.00 | 35 | Each | $6,510.00 | $9,858.00 | $3,348.00 |
| UC-10B | 53 | GW sampling 30 day TAT | $186.00 | $9,858.00 | 33 | Each | $6,138.00 | $9,858.00 | $3,720.00 |
| UC-10C | 20 | Soil Samples 48 hour TAT | $185.00 | $3,700.00 | 23 | Each | $4,255.00 | $3,700.00 | -$555.00 |
| UC-10D | 40 | Drill Cutting Soil Samples | $215.00 | $8,600.00 | 29 | Each | $6,235.00 | $8,600.00 | $2,365.00 |
| UC-10E | 15 | Water samples from Excavations | $240.00 | $3,600.00 | 10 | Each | $2,400.00 | $3,600.00 | $1,200.00 |
| UC-10F | 24 | Air Stripper water samples | $255.00 | $6,120.00 | 24 | Each | $6,120.00 | $6,120.00 | $0.00 |
| UC-10G | 5 | GAC Air Samples | $515.00 | $2,575.00 | 24 | Each | $12,360.00 | $2,575.00 | -$9,785.00 |
| | | **Total of Original Work** | | **$1,379,947.00** | | **Total of Final Work** | **$1,317,896.68** | **$1,379,947.00** | **$62,050.32** |



* - Including changes by Change Orders #1 & #2

## Original/Adjusted Contract Value

| | |
|---|---|
| Original bid price | $1,379,947.00 |
| Change Order #1 (+) New Items Only | $48,185.76 |
| Change Order #2 (+) New Items Only | $12,131.51 |
| Net Contract Amount | $1,440,264.27 |
| Max. Retainage | $72,013.21 |

## Work Completed To Date

| | |
|---|---|
| Contract work performed | $1,317,896.68 |
| Earned Change Order Schedule (+) | $60,317.27 |
| Value to date | $1,378,213.95 |
| Less Damages - (Liquidated damages) | $0.00 |
| Less Credits - (outstanding incomplete work) | $0.00 |
| Subtotal | $1,378,213.95 |
| Retainage (5%) (-) | $68,910.70 |
| Earned Value less Retainage | $1,309,303.25 |
| Less prior payments (-) CAP # 15 | $1,275,307.99 |
| CAP #16 Payment Request | $33,995.26 |
| Plus Release of Retainage Request | $68,910.70 |
| **Final Payment** | **$102,905.96** |

Project Percent Over-run/Under-run: -0.126% (Under-run)

**Earned by Change Order #1**

| Item | Cost | Earned Value to date |
|---|---|---|
| 1A | $758.58 | $758.58 |
| 1B | $570.00 | $570.00 |
| 1C | $31,246.04 | $31,246.04 |
| 1D | $834.96 | $834.96 |
| 1E | $271.43 | $271.43 |
| 1F | $218.43 | $218.43 |
| 1G | $14,286.32 | $14,286.32 |
| 1H | -$94,500.00 | Adjusted in Quantities |
| 1I | $100,700.00 | Adjusted in Quantities |
| Total | $54,385.76 | $48,185.76 |

**Earned by Change Order #2**

| | | |
|---|---|---|
| 10 | $13,749.98 | $13,749.98 |
| 13 | $6,563.64 | $6,563.64 |
| 14 | $14,448.09 | $14,448.09 |
| 15 | $466.29 | $466.29 |
| 17 | $1,561.90 | $1,561.90 |
| UC-1 | $9,010.00 | Adjusted in Quantities |
| UC-2 | $5,750.00 | Adjusted in Quantities |
| UC-3C | -$11,935.00 | Adjusted in Quantities |
| UC-3D | -$5,883.00 | Adjusted in Quantities |
| UC-6A | -$49,350.00 | Adjusted in Quantities |
| UC-6B | $7,600.00 | Adjusted in Quantities |
| UC-8 | -$9,720.00 | Adjusted in Quantities |
| UC-10G | $9,785.00 | Adjusted in Quantities |
| OT | -$1,708.39 | -$1,708.39 |
| LD | -$22,950.00 | -$22,950.00 |
| | -$32,611.49 | $12,131.51 |
| Total | $21,774.27 | $60,317.27 |

# X

# Daily Reports and Project Photos

**Please see enclosed CD**

# Y Pre/Post Groundwater Monitoring Well Analytical Results

| MPI-4S | 5/02 | 9/03 |
|---|---|---|
| Tetrachloroethene | 2 ug/L | 2 ug/L |
| cis-1,2-Dichloroethene | 14 ug/L | 16 ug/L |
| Methyl tert-Butyl Ether | 8 ug/L | 11 ug/L |
| Vinyl Chloride | 4 ug/L | ND |
| Acetone | 9 ug/L | ND |
| 1,1-Dichloroethene | 1 ug/L | ND |
| Benzene | 5 ug/L | ND |
| 2-Butanone | 3 ug/L | ND |
| Chloroform | ND | ND |
| Isopropylbenzene | ND | ND |
| trans-1,2-Dichloroethene | ND | ND |
| Trichloroethene | ND | ND |
| Trihalomethanes, Total | NA | NA |

| MPI-4I | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | 120 ug/L | 280 ug/L |
| Tetrachloroethene | 160 ug/L | 690 ug/L |
| cis-1,2-Dichloroethene | 16 ug/L | 48 ug/L |
| Methyl tert-Butyl Ether | 140 ug/L | 40 ug/L |
| trans-1,2-Dichloroethene | ND | ND |
| Vinyl chloride | ND | ND |

| MW-C | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 2 ug/L |
| Tetrachloroethene | 68 ug/L | 74 ug/L |
| cis-1,2-Dichloroethene | ND | 2 ug/L |

| ESI-C | 5/02 | 9/03 |
|---|---|---|
| 1,1-Dichloroethene | ND | 0.67 ug/L |
| Trichloroethene | 44 ug/L | 16 ug/L |
| Tetrachloroethene | 1180 ug/L | 230 ug/L |
| cis-1,2-Dichloroethene | 130 ug/L | 26 ug/L |
| Methyl tert-Butyl Ether | 48 ug/L | 53 ug/L |
| trans-1,2-Dichloroethene | ND | ND |
| Vinyl chloride | ND | ND |

| MW-4 | 5/02 | 9/03 |
|---|---|---|
| Vinyl Chloride | ND | 47 ug/L |
| Trichloroethene | 23 ug/L | 54 ug/L |
| Benzene | 24 ug/L | 46 ug/L |
| trans-1,2-Dichloroethene | 1 ug/L | 7 ug/L |
| Tetrachloroethene | 130 ug/L | 95 ug/L |
| cis-1,2-Dichloroethene | 200 ug/L | 250 ug/L |
| Acetone | 3 ug/L | ND |
| Ethybenzene | 2 ug/L | ND |
| Xylene | 170 ug/L | ND |
| 1,3,5 - Trimethybenzene | 120 ug/L | ND |
| tert - Butylbenzene | 2 ug/L | ND |
| 1,2,4 - Trimethylbenzene | 10 ug/L | ND |
| Isopropylbenzene | ND | ND |
| n-Propylbenzene | ND | ND |
| m,p-Xylene | NA | ND |
| o-Xylene | NA | ND |
| sec-Butylbenzene | ND | ND |
| Toluene | 3 ug/L | ND |
| 1,1-Dichloroethene | ND | ND |

| MPI-12B | 5/02 | 9/03 |
|---|---|---|
| cis-1,2-Dichloroethene | NS | NS |
| Methyl tert-butyl ether | NS | NS |
| Tetrachloroethene | NS | NS |
| Trichloroethene | NS | NS |

| MPI-1S | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 1.5 ug/L |
| Tetrachloroethene | 10 ug/L | 41 ug/L |
| cis-1,2-Dichloroethene | ND | 0.86 ug/L |
| Vinyl chloride | ND | ND |
| 1,1-Dichloroethane | ND | ND |

| MW-5 | 5/02 | 9/03 |
|---|---|---|
| Xylene | 5700 ug/L | ND |
| Vinyl Chloride | ND | 7 ug/L |
| Trichloroethene | 21 ug/L | ND |
| Benzene | 220 ug/L | 15 ug/L |
| trans-1,2-Dichloroethene | ND | ND |
| Tetrachloroethene | 83 ug/L | 2 ug/L |
| cis-1,2-Dichloroethene | 48 ug/L | 16 ug/L |
| Methyl tert-Butyl Ether | ND | 3 ug/L |
| Toluene | 160 ug/L | 3 ug/L |
| Ethybenzene | 25 ug/L | ND |
| 1,3,5 - Trimethybenzene | 470 ug/L | ND |
| 1,2,4 - Trimethybenzene | 920 ug/L | ND |

| ESI-5 | 5/02 | 9/03 |
|---|---|---|
| Tetrachloroethene | ND | 0.52 ug/L |

| ESI-4 (EE-1) | 5/02 | 9/03 |
|---|---|---|
| Chloroform | ND | 0.54 ug/L |
| 1,1,1-Trichloroethane | 0.7 ug/L | 2.4 ug/L |
| Trichloroethene | 0.5 ug/L | 3.6 ug/L |
| Tetrachloroethene | 14 ug/L | 63 ug/L |
| cis-1,2-Dichloroethene | ND | 1.2 ug/L |
| Methyl tert-butyl ether | ND | ND |
| Trihalomethanes, Total | NA | NA |
| 1,1-Dichloroethane | ND | ND |
| 1,1-Dichloroethene | ND | ND |
| 2-Butanone | NA | NA |
| Benzene | ND | ND |
| Acetone | NA | ND |

| MW-1 | 5/02 | 9/03 |
|---|---|---|
| Acetone | ND | 14 ug/L |
| cis-1,2-Dichloroethene | ND | 3 ug/L |
| Tetrachloroethene | 12 ug/L | ND |

| PW-2 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 11 ug/L |
| Tetrachloroethene | 430 ug/L | 1400 ug/L |
| cis-1,2-Dichloroethene | ND | 5 ug/L |
| Methyl tert-Butyl Ether | ND | 3 ug/L |
| Acetone | 14 ug/L | ND |
| Ethylbenzene | 24 ug/L | ND |
| Xylene | 65 ug/L | ND |
| trans-1,2-Dichloroethene | ND | ND |
| 1,1,1-Trichloroethane | ND | ND |

| MPI-3I | 5/02 | 9/03 |
|---|---|---|
| All Compounds | ND | ND |

| MPI-3S | 5/02 | 9/03 |
|---|---|---|
| Benzene | ND | 1 ug/L |
| Methyl tert-Butyl Ether | 1700 ug/L | 560 ug/L |
| Tetrachloroethene | ND | ND |
| 1,2-Dichloroethane | ND | 1.4 ug/L |

| ESI-2 (EE-2) |
|---|
| Chloroform |
| Methyl tert-butyl ether |
| Methylene chloride |
| Tetrachloroethene |
| Trihalomethanes, Total |

| PW-6 | 5/02 | 10/03 |
|---|---|---|
| Methyl tert-Butyl Ether | 8 ug/L | ND |
| Trichloroethene | 3 J ug/L | ND |
| Tetrachloroethene | 37 ug/L | ND |
| Ethylbenzene | 5 J ug/L | ND |
| Xylene | 2 J ug/L | ND |
| cis-1,2-Dichloroethene | ND | ND |
| trans-1,2-Dichloroethene | ND | ND |
| 1,1-Dichloroethene | ND | ND |

| PW-7 | 5/02 | 10/03 |
|---|---|---|
| Acetone | 280 ug/L | ND |
| Methyl tert-Butyl Ether | 85 J ug/L | ND |
| 2-Butanone | 580 ug/L | ND |
| Ethylbenzene | 63 J ug/L | ND |
| Xylene | 290 ug/L | ND |
| Styrene | 160 ug/L | ND |
| Trichloroethene | 92 J ug/L | 10 ug/L |
| Tetrachloroethene | 4200 ug/L | 800 ug/L |
| 1,1-Dichloroethene | ND | ND |
| cis-1,2-Dichloroethene | ND | ND |
| Toluene | ND | ND |
| trans-1,2-Dichloroethene | ND | ND |
| Vinyl chloride | ND | ND |

| MPI-11B | 5/05 | 9/03 |
|---|---|---|
| | NS | NS |

| MPI-15B | 5/02 |
|---|---|
| 2-Butanone | NS |
| Methyl tert-butyl ether | NS |

| PW-8 | 5/02 | 9/03 |
|---|---|---|
| 1,1-Dichloroethene | ND | 2 ug/L |
| 2-Butanone | ND | 46 ug/L |
| Trichloroethene | 4 ug/L | 66 ug/L |
| trans-1,2-Dichloroethene | ND | 2 ug/L |
| Tetrachloroethene | 43 ug/L | 110 ug/L |
| cis-1,2-Dichloroethene | 1 ug/L | 5 ug/L |
| Methyl tert-Butyl Ether | 16 ug/L | 79 ug/L |
| Acetone | 26 ug/L | ND |
| Xylene | 10 ug/L | ND |
| Ethylbenzene | 3 ug/L | ND |

| MPI-13T | 5/02 | 9/03 |
|---|---|---|
| Acetone | ND | 20 ug/L |
| Trichloroethene | ND | 15 ug/L |
| Tetrachloroethene | ND | 1200 ug/L |
| cis-1,2-Dichloroethene | ND | 2 ug/L |
| Methyl tert-Butyl Ether | 1000 ug/L | 23 ug/L |
| trans-1,2-Dichloroethene | ND | ND |
| 2-Butanone | NA | NA |
| 1,1-Dichloroethene | ND | ND |

| OW-1 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | NS | NS |
| trans-1,2-Dichloroethene | NS | NS |
| Tetrachloroethene | NS | NS |
| cis-1,2-Dichloroethene | NS | NS |
| 1,1-Dichloroethene | NS | NS |
| Methyl tert-butyl ether | NS | NS |

| MPI-13B | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 0.57 ug/L |
| Benzene | ND | 1.4 ug/L |
| Tetrachloroethene | ND | 3.2 ug/L |
| 2-Butanone | NA | NA |
| Acetone | NA | NA |
| Carbon disulfide | NA | NA |

| PW-4 | 5/02 | 10/03 |
|---|---|---|
| Trichloroethene | ND | 35 ug/L |
| Tetrachloroethene | 50 ug/L | 200 ug/L |
| cis-1,2-Dichloroethene | ND | 490 ug/L |
| Acetone | 100 ug/L | ND |
| 2-Butanone | 1400 ug/L | ND |
| Ethylbenzene | 210 ug/L | ND |
| Xylene | 1200 ug/L | ND |
| Styrene | 360 ug/L | ND |
| Methyl tert-butyl ether | ND | ND |
| Toluene | ND | ND |
| Vinyl chloride | ND | ND |
| 1,1,1-Trichloroethane | ND | ND |
| 1,1-Dichloroethene | ND | ND |
| 1,1-Dichloroethene | ND | ND |
| Benzene | ND | ND |
| trans-1,2-Dichloroethene | ND | ND |

| PW-5 | 5/02 | 10/03 |
|---|---|---|
| Acetone | 200 ug/L | ND |
| 2-Butanone | 3300 ug/L | ND |
| Tetrachloroethene | 170 ug/L | 2000 ug/L |
| Ethylbenzene | 310 ug/L | ND |
| Styrene | 510 ug/L | ND |
| Trichloroethene | ND | 99 ug/L |
| cis-1,2-Dichloroethene | ND | 8 ug/L |
| Xylene | 1100 ug/L | ND |
| 1,1,1-Trichloroethane | ND | ND |
| 1,1-Dichloroethane | ND | ND |
| 1,1-Dichloroethene | ND | ND |
| Benzene | ND | ND |
| Methyl tert-butyl ether | ND | ND |
| trans-1,2-Dichloroethene | ND | ND |
| Vinyl chloride | ND | ND |

| MPI-14S | 5/02 | 9/03 |
|---|---|---|
| Vinyl chloride | ND | ND |
| cis-1,2-Dichloroethene | ND | ND |
| Methyl tert-butyl ether | ND | ND |
| Tetrachloroethene | 1 ug/L | ND |
| Trichloroethene | ND | ND |
| trans-1,2-Dichloroethene | ND | ND |
| Acetone | ND | ND |
| 1,2-Dichloroethane | ND | ND |

| MPI-9S | 5/02 | 9/03 |
|---|---|---|
| | NS | NS |

| MPI-5S | 5/02 | 9/03 |
|---|---|---|
| | NS | NS |

| MW-8 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | 720 ug/L | 16 ug/L |
| trans-1,2-Dichloroethene | 50 ug/L | 1 ug/L |
| Tetrachloroethene | 3900 ug/L | 310 ug/L |
| cis-1,2-Dichloroethene | 40 ug/L | 5 ug/L |
| 2-Butanone | ND | ND |
| 1,1,1-Trichloroethane | ND | ND |
| Methyl tert-butyl ether | ND | ND |

| PW-3 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 6 ug/L |
| Tetrachloroethene | 820 ug/L | 850 ug/L |
| cis-1,2-Dichloroethene | ND | 6 ug/L |
| Methyl tert-Butyl Ether | ND | 4 ug/L |
| Acetone | 51 ug/L | ND |
| 2-Butanone | 350 ug/L | ND |
| Ethylbenzene | 20 ug/L | ND |
| Xylene | 120 ug/L | ND |
| Styrene | 11 ug/L | ND |
| 1,1,1-Trichloroethane | ND | ND |
| Benzene | ND | ND |
| Chloroform | ND | ND |
| t-1,2-Dichloroethene | ND | ND |
| Trihalomethanes, Total | NA | NA |

| MW-6 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 1 ug/L |
| Benzene | ND | 3 ug/L |
| Tetrachloroethene | 82 ug/L | 320 ug/L |
| cis-1,2-Dichloroethene | ND | 2 ug/L |
| Methyl tert-Butyl Ether | ND | 2 ug/L |
| Trihalomethanes, Total | NA | NA |
| trans-1,2-Dichloroethene | ND | ND |
| Chloroform | ND | ND |
| 1,1-Dichloroethane | ND | ND |
| 1,1,1-Trichloroethane | ND | ND |

| MW-14 | 5/02 | 9/03 |
|---|---|---|
| Tetrachloroethene | NS | NS |

| MPI-2S | 4/94 | 1/95 |
|---|---|---|
| 1,1,1 Trichloroethane | 14 ug/L | 12 ug/L |
| Benzene | ND | 2 ug/L |

| ESI-3 | 5/02 | 9/03 |
|---|---|---|
| 1,1,1Trichloroethane | ND | 1 ug/L |
| Trichloroethene | ND | 2 ug/L |
| Tetrachloroethene | 220 ug/L | 440 ug/L |
| cis-1,2-Dichloroethene | ND | 4 ug/L |
| Methyl tert-Butyl Ether | 9 ug/L | 1 ug/L |
| 1,1-Dichloroethane | ND | ND |
| Chloroform | ND | ND |
| Trihalomethanes, Total | NA | NA |

| MW-7 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | ND | 8 ug/L |
| Tetrachloroethene | 240 ug/L | 3300 ug/L |
| cis-1,2-Dichloroethene | ND | ND |
| 1,1,1-Trichloroethene | ND | ND |
| Methyl tert-butyl ether | ND | ND |

| ESI-1 | 5/92 | 1/93 | 4/94 |
|---|---|---|---|
| 1,2 Dichloroethene | 2 ug/L | ND | ND |
| Trichloroethene | 2 ug/L | ND | 3 ug/L |
| Tetrachloroethene | 2 ug/L | 0.9 ug/L | ND |
| Carbon disulfide | – | – | ND |
| Chloroform | – | – | ND |
| cis-1,2-Dichloroethene | – | – | NA |

| MW-17 | 5/02 | 9/03 |
|---|---|---|
| Trichloroethene | NA | 2 ug/L |
| Tetrachloroethene | NA | 4 ug/L |
| cis-1,2-Dichloroethene | NA | 8 ug/L |
| 2-Butanone | NA | ND |
| Methyl tert-butyl ether | NA | ND |
| Vinyl chloride | NA | ND |

| ESI-2 | 5/92 | 4/94 |
|---|---|---|
| Tetrachloroethene | 1 ug/L | NS |

| MW-15 | 5/02 | 9/03 |
|---|---|---|
| Methyl tert-Butyl Ether | NA | 4 ug/L |

| RW-1 | 5/02 | 9/03 |
|---|---|---|
| Chloroform | ND | ND |
| cis-1,2-Dichloroethene | ND | ND |
| 1,1-Dichloroethene | ND | ND |
| 1,1,1-Trichloroethene | ND | ND |
| Trihalomethanes, Total | NA | NA |
| Trichloroethene | ND | 1 ug/L |
| Tetrachloroethene | 4 ug/L | 74 ug/L |
| Methyl tert-Butyl Ether | ND | 3 ug/L |

| MW-16 | 5/02 | 9/03 |
|---|---|---|
| Vinyl Chloride | NA | 5 ug/L |
| Trichloroethene | NA | 6 ug/L |
| trans-1,2-Dichloroethene | NA | 2 ug/L |
| Tetrachloroethene | NA | 36 ug/L |
| cis-1,2-Dichloroethene | NA | 5 ug/L |
| Methyl tert-butyl ether | NA | ND |
| 2-Butanone | NA | ND |
| Benzene | NA | ND |

## LEGEND

- SANITARY SEWER MANHOLE
- MONITORING WELL
- PUMPING WELL
- PIEZOMETER
- EXISTING STRUCTURES AND FEATURES
- FENCE
- GROUNDWATER CONTOURS (1995 RI)
- PAINE STREET — MAJOR AREA STREETS

## WELL ABBREVIATIONS

| | | | |
|---|---|---|---|
| ESI | EMPIRE SOILS WELL (ENVIRONMENTAL SCIENCE) | OW | OBSERVATION WELL |
| MPI | OBSERVATION WELL (PIRNIE) | PW | PUMPING WELL (TYREE) |
| MW | MONITORING WELL (MATRIX) | PZ | PIEZOMETER (TYREE) |
| NA | DATA NOT AVAILABLE | RW | RECOVERY WELL (BY OTHERS) |
| EEI | (ECOLOGY & ENVIRONMENT) | | |

## ANALYTICAL ABBREVIATIONS

| | |
|---|---|
| ug/L | MICROGRAMS PER LITER |
| ND | NOT DETECTED |
| NS | NOT SAMPLED |
| NA | NOT ANALYZED |
| – | NOT ANALYZED OR NOT DETECTED |

## NOTES:

1. ONLY DETECTED COMPOUNDS ARE PRESENTED.
2. HORIZONTAL CONTROL IS BASED UPON THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1983 ADJUSTMENT (NAD 83) AND WAS OBTAINED FROM A MAP PREPARED BY WENDEL DUCHSCHERER ARCHITECTS AND ENGINEERS PC (NYS SITE No. 9-15-157) NYSDEC CONTRACT No. D004180.
3. ELEVATIONS ARE BASED UPON NORTH GEODETIC VERTICAL DATUM, 1929 (NGVD 1929).
4. BENCHMARK IS LOCATED NEAR THE NORTH EAST CORNER OF MAIN STREET AND PAINE STREET, BEING A BRASS DISC SET IN THE TOP OF CONCRETE BASE – ELEVATION 916.64'

SCALE IN FEET
0 40 80 120

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW TO ALTER THIS DOCUMENT BY MEANS INCONSISTENT WITH SECTION 7209 OF SAID LAW.

| DWG NO. | DATE | DESCRIPTION |
|---|---|---|
| | | REFERENCE DRAWINGS |
| DEC 31 ISO.dwg | 7/18/94 | ISOPOTENTIAL MAP AND CROSS SECTIONS 4/13/94 GROUNDWATER LEVELS MALCOLM PIRNIE INC. |
| 02660003.dwg | 10/17/00 | REMEDIAL DESIGN PIPING AND WELL LAYOUT PLAN MALCOLM PIRNIE INC. |

| NO. | DATE | DWN | APP'D | DESCRIPTION |
|---|---|---|---|---|
| | | | | REVISIONS |

ecology and environment engineering, p.c.

| DESIGNED BY | CHECKED BY |
|---|---|
| A.M. MURPHY | M. STEFFAN |
| DRAWN BY | APPROVED BY |
| J. LASKOWSKI | D.J. MILLER P.E. |

# MR. C'S DRY CLEANERS SITE

ERIE COUNTY — EAST AURORA, NY

## CONTRACTOR GROUNDWATER MONITORING RESULTS

| SCALE | DATE ISSUED | C.A.D. FILE NO. | DRAWING NO. | REV. |
|---|---|---|---|---|
| 1"=60' | 12/2/04 | RESULTS.dwg | Sheet 1 of 1 | |