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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



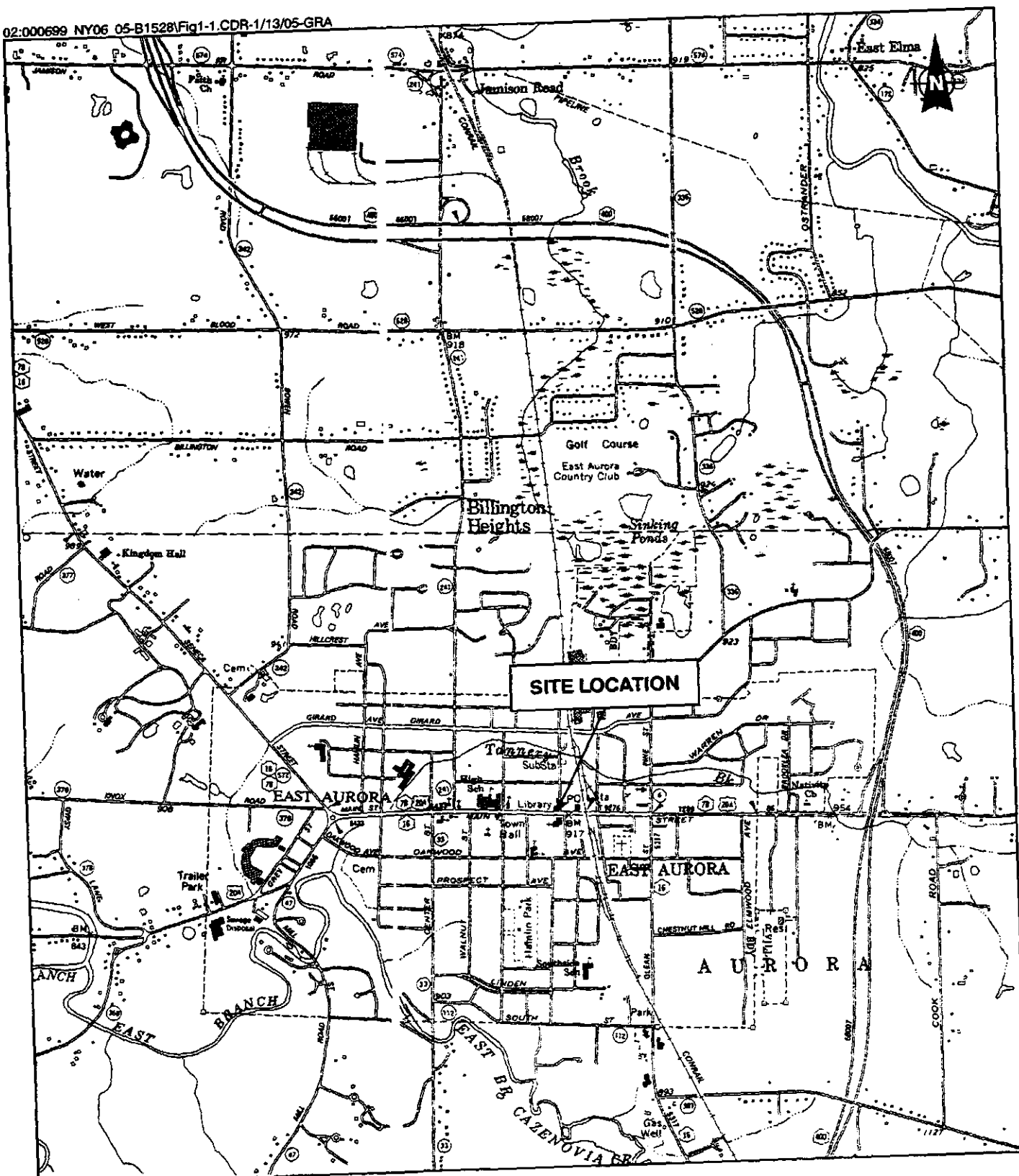
1. Site Background

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. (EEEEPC) 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.



SOURCE: NYS Department of Transportation Raster Quadrangle, 1988.

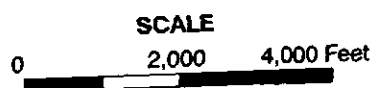
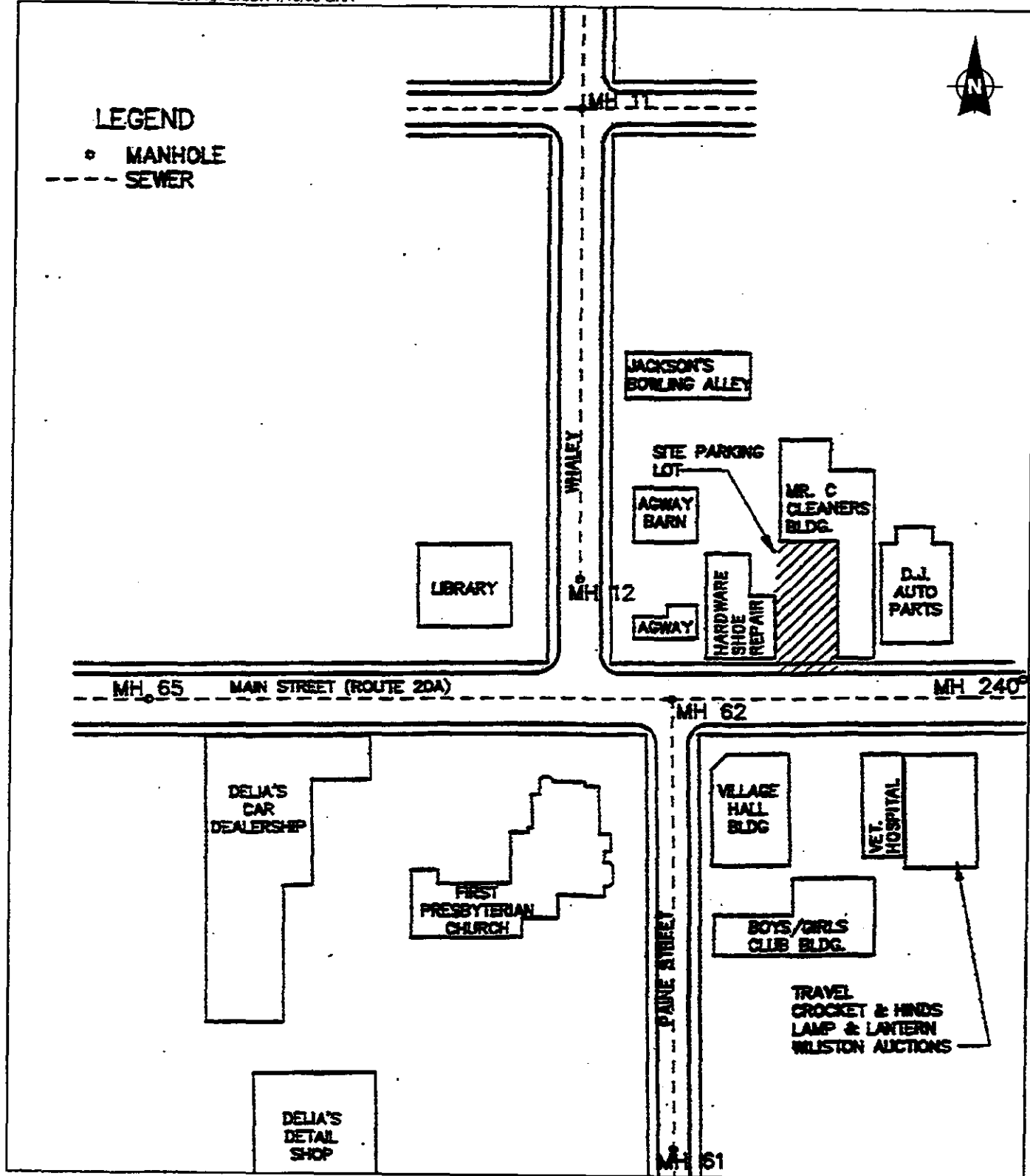


Figure 1-1 Mr. C's Dry Cleaners Site Location Map



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



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

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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. Summary of Pre-Remedial Activities

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-

2. Summary of Pre-Remedial Activities

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

2. Summary of Pre-Remedial Activities

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

2. Summary of Pre-Remedial Activities

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-

2. Summary of Pre-Remedial Activities

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 [$\mu\text{g}/\text{m}^3$]) 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/EEPC'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. Summary of Pre-Remedial Activities

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/EEEEPC, 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, EEEEEPC 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

3. Summary of Remedial Activities – Separable Part A

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-

3. Summary of Remedial Activities – Separable Part A

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

3. Summary of Remedial Activities – Separable Part A

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

3. Summary of Remedial Activities – Separable Part A

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

3. Summary of Remedial Activities – Separable Part A

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 non-hazardous 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 Huntingdon, 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

3. Summary of Remedial Activities – Separable Part A

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

3. Summary of Remedial Activities – Separable Part A

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

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

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 10S70 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-

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

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 (BOD₅), 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. Performance of Treatment Equipment and Support Infrastructure Improvement – Separable Part A

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-

5. Contractor Operations and Maintenance – Separable Part B

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.

5. Contractor Operations and Maintenance – Separable Part B

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;



5. Contractor Operations and Maintenance – Separable Part B

- 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

5. Contractor Operations and Maintenance – Separable Part B

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

6. Issues and Changes to the Contract

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.

6. Issues and Changes to the Contract

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

EEEPCC 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 ■ Added Testing on VOCs – RW-1 ■ Second Pump Test ■ Treatment Building – Soundproof ■ On-site Security Lighting ■ PW-2/3 Valve Installation ■ Evaluation of PW-7/Surge Block ■ Reduce Hazardous Soil Quantity ■ Increase Non-Hazardous Soil Quantity	\$54,185.76
2	January 10, 2003	■ Library Parking Lot Paving ■ Treatment Equipment Vibration Damping ■ Treatment Equipment Sound Damping ■ Building Code Upgrades ■ Site Fence Removal ■ Quantity Adjustments ■ Consultant Overtime Back Charge ■ 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

6. Issues and Changes to the Contract

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 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. Issues and Changes to the Contract

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:

6. Issues and Changes to the Contract

- 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.

6. Issues and Changes to the Contract

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

6. Issues and Changes to the Contract

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

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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. Issues and Changes to the Contract

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 draw-down 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.

EEPC 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. EEPC'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.

6. Issues and Changes to the Contract

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.

EEEEPC 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 over to NYSDEC Region 9 personnel for further use at another project site.

7

Conclusions and Certification

Ecology and Environment Engineering, P.C. (EEEEPC) 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

06/06/01 Contract No.: D0004180						Engineer's Estimate		DEMCO Inc.	
Bld Item	Description	QTY	Unit	Unit Price	Cost	Bld Item	Unit Price	Cost	
LS-1	Site Preparation (Not to exceed 5% of Total Bld)	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 Bld)	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	\$ 350.00	\$ 420,000.00	
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	\$ 385.00	\$ 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			

Tyree Organization			Nature's Way		
Bld Item	Unit Price	Cost	Bld Item	Unit Price	Cost
LS-1	\$ 68,912.00	\$ 68,912.00	LS-1	\$ 71,450.00	\$ 71,450.00
LS-2	\$ 8,541.00	\$ 8,541.00	LS-2	\$ 35,000.00	\$ 35,000.00
LS-3	\$ 129,690.00	\$ 129,690.00	LS-3	\$ 29,000.00	\$ 29,000.00
LS-4	\$ 271,534.00	\$ 271,534.00	LS-4	\$ 314,544.00	\$ 314,544.00
UC-1	\$ 85.00	\$ 45,305.00	UC-1	\$ 134.00	\$ 71,422.00
UC-2	\$ 1,150.00	\$ 23,000.00	UC-2	\$ 3,000.00	\$ 60,000.00
UC-3A	\$ 10,955.00	\$ 76,685.00	UC-3A	\$ 3,000.00	\$ 21,000.00
UC-3B	\$ 4,309.00	\$ 4,309.00	UC-3B	\$ 10,200.00	\$ 10,200.00
UC-3C	\$ 11,935.00	\$ 11,935.00	UC-3C	\$ 5,900.00	\$ 5,900.00
UC-3D	\$ 5,883.00	\$ 5,883.00	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	\$ 80.00	\$ 94,000.00	UC-5A	\$ 69.50	\$ 81,862.50
UC-5B	\$ 105.00	\$ 136,125.00	UC-5B	\$ 56.80	\$ 74,985.00
UC-5C	\$ 43.00	\$ 18,275.00	UC-5C	\$ 21.00	\$ 8,925.00
UC-6A	\$ 210.00	\$ 147,000.00	UC-6A	\$ 215.00	\$ 150,500.00
UC-6B	\$ 76.00	\$ 38,000.00	UC-6B	\$ 74.00	\$ 37,000.00
UC-7A	\$ 525.00	\$ 13,125.00	UC-7A	\$ 300.00	\$ 7,500.00
UC-7B	\$ 3,528.00	\$ 17,630.00	UC-7B	\$ 4,800.00	\$ 24,000.00
UC-7C	\$ 4,509.00	\$ 13,527.00	UC-7C	\$ 4,500.00	\$ 13,500.00
UC-8	\$ 24.30	\$ 29,160.00	UC-8	\$ 24.75	\$ 29,700.00
UC-9	\$ 9,895.00	\$ 116,740.00	UC-9	\$ 26,554.00	\$ 318,648.00
UC-10A	\$ 186.00	\$ 9,858.00	UC-10A	\$ 145.00	\$ 7,685.00
UC-10B	\$ 186.00	\$ 9,858.00	UC-10B	\$ 145.00	\$ 7,685.00
UC-10C	\$ 185.00	\$ 3,700.00	UC-10C	\$ 145.00	\$ 2,900.00
UC-10D	\$ 215.00	\$ 8,600.00	UC-10D	\$ 145.00	\$ 5,800.00
UC-10E	\$ 240.00	\$ 3,600.00	UC-10E	\$ 145.00	\$ 2,175.00
UC-10F	\$ 255.00	\$ 6,120.00	UC-10F	\$ 145.00	\$ 3,480.00
UC-10G	\$ 515.00	\$ 2,575.00	UC-10G	\$ 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	\$ 368,520.00	\$ 368,520.00
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	\$ 110,800	\$ 110,800	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	\$ 192,000.00	\$ 192,000.00
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	Grand Total Bid Estimate \$ 1,515,190.00		

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

Engineer's Estimate					Average Prices			
Bld Item	Description	QTY	Unit	Unit Price	Cost	Bld Item	Unit Price	Cost
LS-1	Site Preparation (Not to exceed 5% of Total Bid)	1	LS	\$ 110,800	\$ 110,800	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	\$ 57,887
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	\$ 43,082
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		

<u>Maximum Prices</u>			<u>Minimum Prices</u>		
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	\$ 61,280.00	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	\$ 29,180.00
UC-9	\$ 28,300.00	\$ 339,800.00	UC-9	\$ 6,545.00	\$ 78,540.00
UC-10A	\$ 430.00	\$ 22,780.00	UC-10A	\$ 140.00	\$ 7,420.00
UC-10B	\$ 430.00	\$ 22,780.00	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
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 built, 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 forward 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 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) and Office 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 H. Steffan

Dated: 10/22/01

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

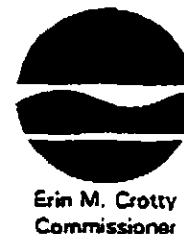
Date: 10/12/01

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

Meeting Sign-in Sheet

Reviewed by: M. G. Steff 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
25 Broadway, Albany, New York 12233-5027
Phone: (518) 402-9311 • FAX: (518) 402-9023
Website: www.dec.state.ny.us



ATTACHMENT C

August 28, 2001

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

Re: D004180
Mr. C's 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:

<u>Total Contract Cost:</u>	100%	\$1,379,947
<u>MBE Goal/Amount:</u>	6%	\$ 82,796
<u>WBE Goal/Amount:</u>	6%	\$ 82,796
<u>Combined Goal/Amount:</u>	12%	\$ 165,595

EEO Goals: 10% Minority Work Force Participation
10% Female Work Force Participation

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

<u>MBE Firm</u>	<u>Scope of Work</u>	<u>Contract Amount</u>
Mitkem Corp.	Laboratory Services	\$ 45,000

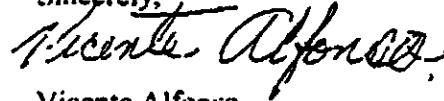
<u>WBE Firm</u>	<u>Scope of Work</u>	<u>Contract Amount</u>
National Environmental System	System Manufacturing Engineering Services	\$ 241,235

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
Contract Compliance Specialist

cc: B. Moulhem
D. Chiusano

C

Tyree Bid Breakdown and Schedule of Values

TOTAL BUDGET 11/3/01

BID ITEM	DESCRIPTION	LABOR AMOUNT	MATERIAL AMOUNT	SUB AMOUNT	PROFESSIONAL LABOR	
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
	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	\$76,885.00
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
	Staff Labor Rates	\$791.00				\$809.00	\$1,600.00
	Misc. Expenses				\$28.00		\$28.00
						UC-03C 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	\$5,983.00
UC-04							
	Drilling Subcontractor						\$57,635.00
	Staff Labor Rates				\$57,635.00	\$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
	Tank Pad Installation	\$3,081.00					\$3,081.00
	HDPE Pipe				\$13,441.00		\$13,441.00

	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-06B 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

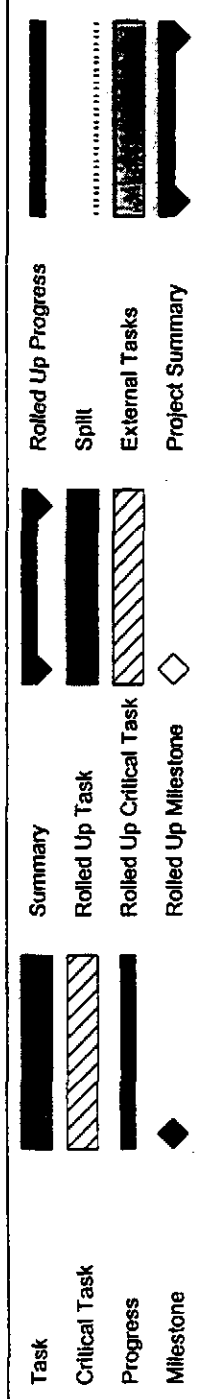
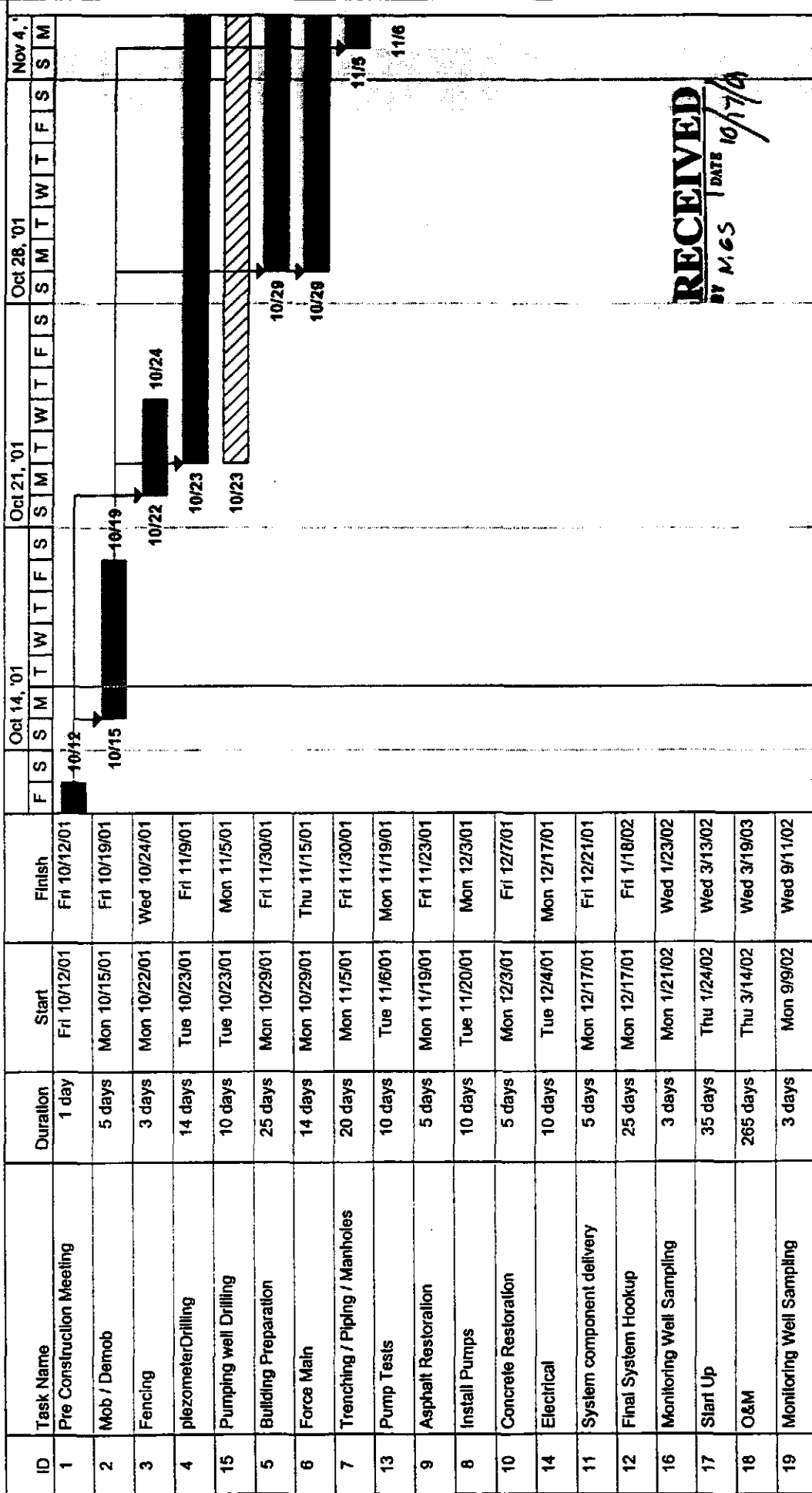
UC-07C	Manholes 4'	\$7,030.00	\$3,135.00			\$10,165.00
	Utility Tie Ins	\$1,975.00	\$85.00			\$2,060.00
	Manhole Castings	\$989.00	\$1,271.00			\$2,260.00
					UC-07B TOTAL	\$17,630.00
	Staff Labor Rates				\$1,915.00	\$1,915.00
	Site Work Subcontractor					\$11,442.00
	Misc. Expenses		\$170.00			\$170.00
					UC-07C TOTAL	\$13,527.00
UC-08	Asphalt Paving					\$27,798.00
	Staff Labor Rates				\$1,277.00	\$1,277.00
	Misc. Expenses		\$85.00			\$85.00
					UC-08 TOTAL	\$28,160.00
UC-09	Electrical & Phone Usage					\$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	\$116,740.00
UC-10A	Lab Analysis					\$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
	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
	Staff Labor Rates				\$1,197.00	\$1,200.00
					UC-10C TOTAL	\$3,700.00
UC-10D	Lab Analysis					\$7,950.00
	Staff Labor Rates				\$650.00	\$650.00
					UC-10D TOTAL	\$8,600.00
UC-10E						

UC-10F	Lab Analysis				\$2,950.00		\$2,950.00
	Staff Labor Rates					\$650.00	\$650.00
						UC-10E TOTAL	\$3,600.00
UC-10G	Lab Analysis				\$5,470.00		\$5,470.00
	Staff Labor Rates					\$650.00	\$650.00
						UC-10F TOTAL	\$6,120.00
UC-10H	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

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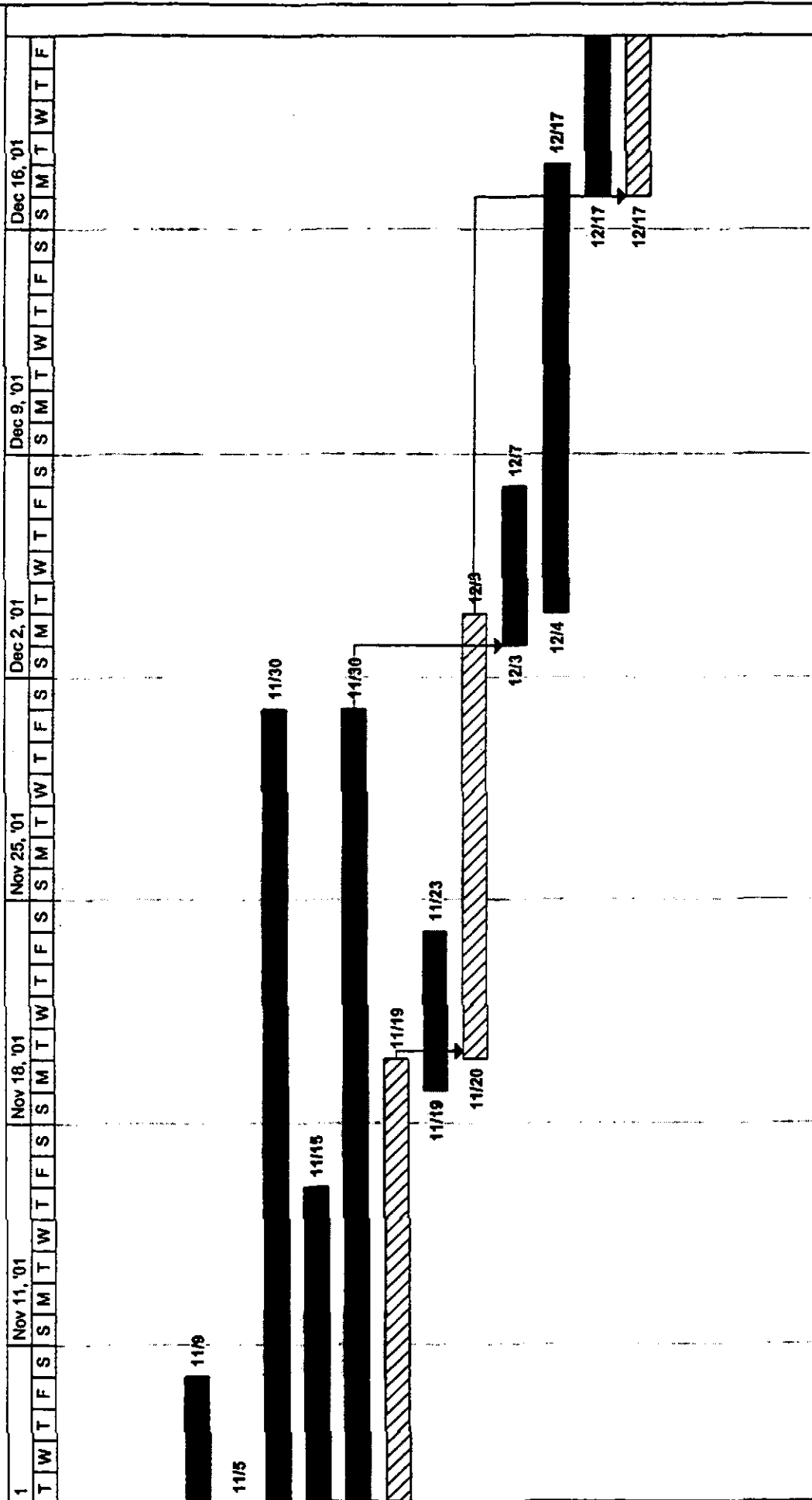
Tyree Project Schedule

Mr. C's Dry Cleaners - Proposed Progress Schedule

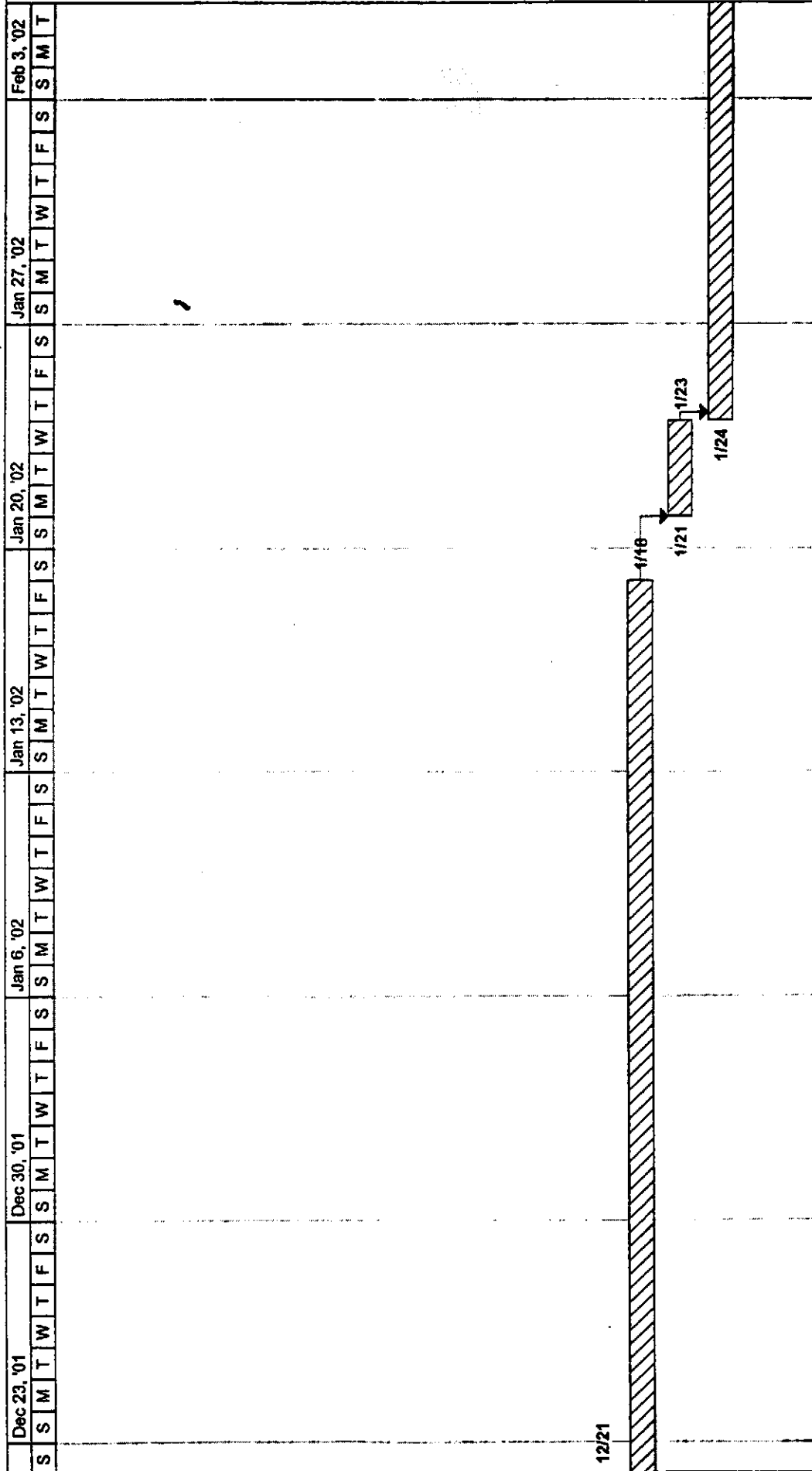


Project: Davis Howland Oil Corporation
Date: Tue 10/16/01

Mr. C's Dry Cleaners - Proposed Progress Schedule



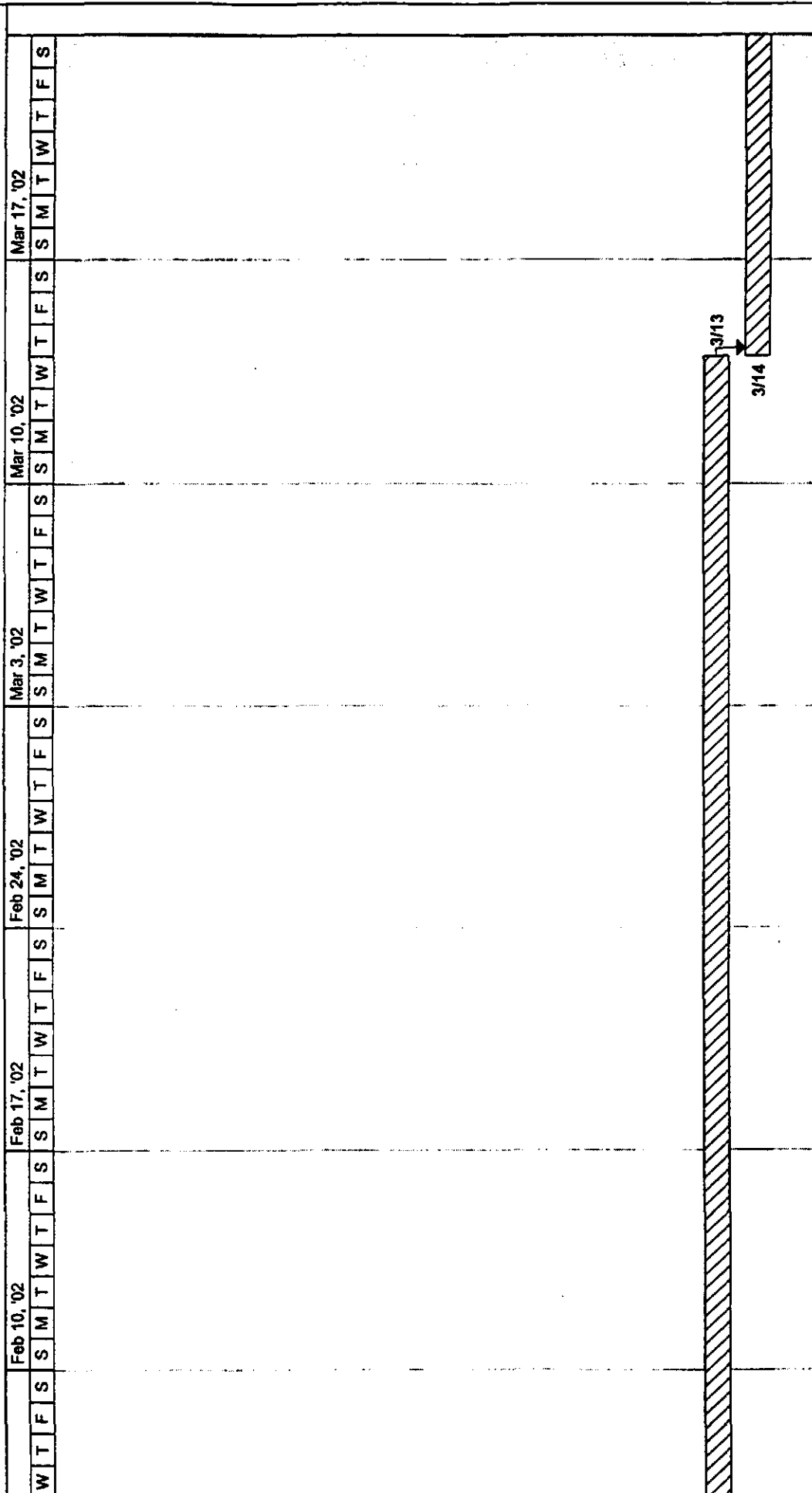
Mr. C's Dry Cleaners - Proposed Progress Schedule



Task	Summary	Rolled Up Progress
Critical Task		
Progress		
Milestone		

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

Mr. C's Dry Cleaners - Proposed Progress Schedule



Project: Davis Howland Oil Corporation
Date: Tue 10/18/01

Task

Critical Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Critical Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Mar 24, '02	Mar 31, '02	Apr 7, '02	Apr 14, '02	Apr 21, '02	Apr 28, '02	May 5, '02
S	S	S	S	S	S	S
M	M	M	M	M	M	M
T	T	T	T	T	T	T
W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
S	S	S	S	S	S	S
M	M	M	M	M	M	M
T	T	T	T	T	T	T
W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
S	S	S	S	S	S	S
M	M	M	M	M	M	M
T	T	T	T	T	T	T
W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
S	S	S	S	S	S	S
M	M	M	M	M	M	M
T	T	T	T	T	T	T
W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
S	S	S	S	S	S	S
M	M	M	M	M	M	M
T	T	T	T	T	T	T
W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
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M	M	M	M	M	M	M
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T	T	T	T	T	T	T
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M	M	M	M	M	M	M
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S	S	S	S	S	S	S
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M	M	M	M	M	M	M
T	T	T	T	T	T	T
W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
S	S	S	S	S	S	S
M	M	M	M	M	M	M
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W	W	W	W	W	W	W
T	T	T	T	T	T	T
F	F	F	F	F	F	F
S	S	S	S	S	S	S
S	S	S	S	S	S	S
M	M	M	M	M	M	M
T	T	T	T	T		

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

[illegible][illegible]

Mr. C's Dry Cleaners - Proposed Progress Schedule																																									
Jun 30, '02							Jul 7, '02							Jul 14, '02							Jul 21, '02							Jul 28, '02							Aug 4, '02						
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	

Task

Critical Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Critical Task

Rolled Up Milestone

Rolled Up Progress

Spill

External Tasks

Project Summary

Project: Davis Howland Oil Corporatio

Date: Tue 10/16/01

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Mr. C's Dry Cleaners - Proposed Progress Schedule																																									
Jun 30, '02							Jul 7, '02							Jul 14, '02							Jul 21, '02							Jul 28, '02							Aug 4, '02						
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	

Task

Critical Task

Progress

Milestone

Summary

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Project Summary

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Mr. C's Dry Cleaners - Proposed Progress Schedule																																									
Jun 30, '02							Jul 7, '02							Jul 14, '02							Jul 21, '02							Jul 28, '02							Aug 4, '02						
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	

Task

Critical Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Critical Task

Rolled Up Milestone

Rolled Up Progress

Spill

External Tasks

Project Summary

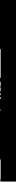
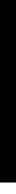
Project: Davis Howland Oil Corporatio

Date: Tue 10/16/01

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Mr. C's Dry Cleaners - Proposed Progress Schedule

[illegible]

Project: Davis Howland Oil Corporation 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	

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T	'02																															
	Sep 29, '02				Oct 6, '02				Oct 13, '02				Oct 20, '02				Oct 27, '02				Nov 3, '02											
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

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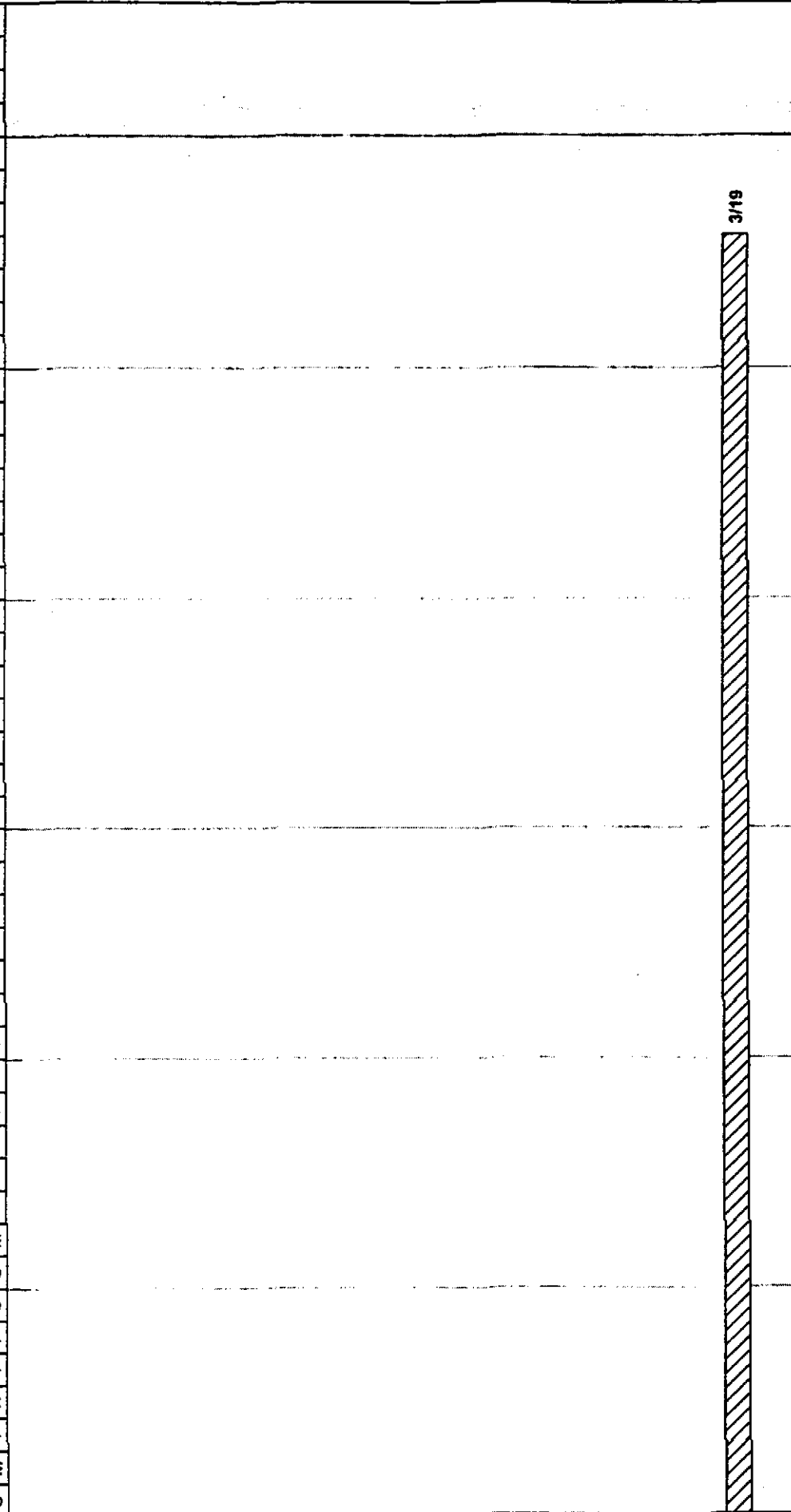
Mr. C's Dry Cleaners - Proposed Progress Schedule

	Nov 10, '02	Nov 17, '02	Nov 24, '02	Dec 1, '02	Dec 8, '02	Dec 15, '02	Dec 22, '02						
S	S	M	T	F	S	S	M	T	F	S	S	M	T

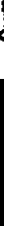
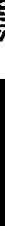
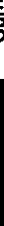
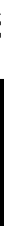
Task	Critical Task	Progress	Milestone	Summary	Rolled Up Task	Rolled Up Critical Task	Rolled Up Milestone	External Tasks	Split	Rolled Up Progress	Project Summary

Mr. C's Dry Cleaners - Proposed Progress Schedule

	Feb 9, '03	Feb 16, '03	Feb 23, '03	Mar 2, '03	Mar 9, '03	Mar 16, '03	Mar 23, '03
W							
T							
F	S	S	S	S	S	S	S
M	S	M	M	M	M	M	M
T	W	T	T	T	T	T	T
W	I	T	F	S	S	S	S
M	S	M	S	S	S	S	S
S	S	S	S	S	S	S	S



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

Task	Summary	Rolled Up Progress
Task		
Critical Task		
Progress		
Milestone		
		
		

E

Project Submittal and Shop Drawing Log

Submittal No.	Revision No.	SUBCONTRACTOR/SUPPLY	Sent to Engineer	Returned from Engineer	To Sub/Sup	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. McNamee 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		Nolmagle	10/16/2001	11/7/2001	11/8/2001	Portland Cement for grout/Project schedule.	02860, pg 3.4.8,para 3.1.C,3.2.E,3.4.F	10/23/2001
004		Nolmagle	10/16/2001	11/7/2001	11/8/2001	Bentonite	02860,pg 02860-8,para 3.4.E	10/23/2001
005		Nolmagle	10/16/2001	11/7/2001	11/8/2001	PVC Schedule 40 for Piezometer	02860,pg 02860-1,para 3.4.D	10/23/2001
006		Kulbach's	10/16/2001			Interior Remodeling/agg,for asphalt,doors,frames,ovrhead dra.,paint,louver	15052;15140,09800;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 All.F.	10/23/2001
008		Anastasi Trucking & Paving	10/22/2001			Formalman manholes/cleanout chambers/precast headwall	02808,pg 2, part 2.1	10/23/2001
009		Kulbach's	10/22/2001			FRP Marine Steel Studs	0.05501	11/14/2001
010		Anastasi Trucking & Paving	10/26/2001			Job mix formula type 3 binder,germatt asphalt;Job mix formula type 7F top,germatt Asphalt;Sieve Analysis for Item 304.05 Germatt Asphalt;Sieve Analysis for Item 605.1001-1-A stone. (Blumhaus Paving)	02512,pg 2,3,para 2.1	11/5/2001
011		Anastasi Trucking & Paving	10/28/2001			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;15061-3;15052	
014		Anastasi Trucking & Paving	10/31/2001	11/7/2001	11/8/2001	HDPE pipe and Fittings/Foremain discharge	3;15100-3	
015		Tyree	11/1/2001			Electric conduit PVC Buled to be purchased by Tyree	Sections: 15051;15100;pipng schedule;pg 3	11/1/2001
016		Tyree	11/1/2001			Polymer Concrete Handhole to be purchased by Tyree	Sections 16100;pg. 4,para. 2.1.B/C	
017		DEMOLITION PLAN		11/7/2001	11/8/2001	FINAL 14 DAY SUBMITTAL PACKAGE REVIEW	Section 16100;pg.7,para. 7 Drawing E3 of 3	10/23/2002
018		Kulbach's	11/12/2001			Pumping well manholes	XI-02808	11/14/2001
019		Anastasi Trucking & Paving	11/12/2001			Hotpatch roofing	Section 02080; Addendum 1,attachment D,page no. 2	11/14/2001
020		Tyree	11/12/2001			Manhole frames/covers/waterlight seals	Section 02808;page 3;5,para 2.3;3.8	
021		Rain for Rent	11/12/2001			Electric cable/wire	Section 16100;page 5,para 2.2.A	11/14/2001
022		Tyree	11/13/2001			Temporary Groundwater treatment system for pump tests	Section 02880	11/14/2001
023		Tyree	11/30/2001			Excavation plan/french box certificate for shoring/approved by PE	Section 02220;pg 2,para 3.71.3	
024		Tyree	12/4/2001			Insulation: sound proofing for building remodeling	Floual AFB Ball Insulation 07210,09820	11/30/2001
025		Waller west, Midwest	12/10/01			Pump test results	Section 02860,pg10;para 3.6.E	
026		Guardian	12/10/01			pitless adapters	Section 15051;15100	
027		Watts	12/10/01			eye wash station	Sheet G6	
028		Kulbach's	12/14/01			backflow preventor (meets East Aurora DPW Specs.	Section 15100	12/14/2001
029		Tyree	12/17/01			Louvers model no. 455XP		12/21/2001
030		Tyree	12/20/01			Watts 909 backflow (RESUBMITTAL)	Section 15100	
						updated progress schedule	Section 01310	Not Subm.

Submittal No.	Revision No.	SUBCONTRACTOR/SUPPLY	Sent to Engineer	Returned from Engineer	to Sub/Sup	ITEM DESCRIPTION	Section No.	Approval Date
031		Northridge	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: 01028	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		NESNEEP	1/23/2002			Shallow tray stripper and components	Section 11550	1/31/2002
037		Tyree	1/31/2002			Well logs	Section 02880	
038		Tyree	2/4/2002			updated progress schedule	Section 01310	2/23/2002
039		Tyree	2/4/2002			Pump Test Data, Records	Section 02880 3.B.E	
040		NESKPSI	2/5/2002			Level control transducers	13328 2.3	2/11/2002
041		NESKrodine	2/5/2002			flowmeter	13329	2/14/2002
042		NESIRACO	2/5/2002			telemeter		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/Tipp	2/5/2002			Carbon filters		2/12/2002
047		sequestering agent	2/5/2002					2/14/2002
048		Hayward	2/28/2002			Butterfly Valve	15100-3.2.10	3/11/2002
049		Hayward	2/28/2002			Check Valve	15100-3.2.18	
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 Appl.
054		Hayward	2/28/2002			Sample Port	G4-7	3/11/2002
055		Metering Technology	2/28/2002			Pulsation Damper	11514-4.2.1E	Not Appl.
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	02806-2.2.1	Not Appl.
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		Calortech	3/1/2002			Forced Air Heater	G5 of 7	3/12/2002
064		Omega	3/12/2002			Diaphragm Pressure Gauge	15100-4.2.10	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 Damper(resubmittal)	11514	3/27/2002
067		Pemco	3/12/2002			welcover flush mount casing		3/27/2002
068		NES	3/12/2002			air stripper control panel layout	G6 of 7	3/27/2002
069		NES	3/12/2002			air stripper skid layout	G6 of 7	4/17/2002

Submittal No.	Revision No.	SUBCONTRACTOR/SUPPLY	Sent to Engineer	Returned from Engineer	to Sub/Sup	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		Tyree/NES	4/1/2002			GAC inspection reports	11551	4/17/2002
76		Filtration Unlimited	4/9/2002			bag filler inspection reports	11552 1.2.B	4/22/2002
77		Campbell	19-Apr			sanitary seals	G6	4/28/2002
78		IPS	19-Apr			PVC Solvent Cement		4/28/2002
79		Dwyer	19-Apr			flow sensor, differential pressure gauge		4/28/2002
80		Aseln	19-Apr			check valve resubmittal		4/28/2002
81		SEM	29-Apr			Portable GC operator		4/28/2002
82		Belding Tank	29-Apr			Tank test inspection reports		4/28/2002
83		1 Little Giant/ Lab Safety Supply	2-May			Secondary Containment	G5 of 7	5/2/2002
84		NES	2-May			Air Stripper Test results		5/10/2002
85		NES	3-May			Control Panel tests		
86		Tyree	7-May			Pedestrian Access plan		
87		Tyree	7-May			Grass seed		4/28/2002
88		Tyree	8-May			O&M outline	1730	
89						expansion joint material		
90						concrete		
91		D&H				asphalt		
92		D&H				asphalt		
93						grass seed		
94			21-May			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	11/12/2002			resubmittal piping system ID	09900	12/20/2002
98		Tyree	11/12/2002			Red Line Prints	01300	Not Appr.
99		Tyree/ Mr. Oke	12/10/2002			Prediction of carbon bed adsorption capacity	11551	
100		Tyree	12/12/2002			Monthly Report (November)	01650	
101		Tyree/ Mr. Oke	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	02960	12/18/2002
104		Tyree	12/17/2002			Tyree holding tank guarantee	11175	
105		Tyree	12/17/2002			Tyree end auction 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 No.	Revision No.	SUBCONTRACTOR/SUPPLY	Sent to Engineer	Returned from Engineer	to Sub/Sup	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		Dwyer	1/2/2003			Dwyer pressure gauges	PCO	
112		Tyree	1/13/2003			Dec Monthly Report		
113		Tyree	1/15/2003			Resubmittal of Red Line Printer/ Record Drawings		
114		Greifinger	12/20/03			Portable Electric Sander	01300	
115		Tyree	1/31/2003			O&M manual inserts	PCO	
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. Olo	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		Tyree	10/9/2003			As built, cadd	Incomplete work list part A, #56	
132		Tyree	11/5/2003			Aug. O&M Report		
133		Tyree	11/8/2003			Final Status Report	01300-9 3.12	
134		Tyree	11/11/2003			Milkem on site and off site well lab results		
135		Tyree	11/21/2003			Gasket Taps 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

PHILIP HOLLOWAY, THE TYREE ORGANIZATION (CONTRACTOR)

Permission is hereby granted to: 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, 2002

Dated OCTOBER 19, 2001


Building Inspector,
Village of East Aurora

(May Be Detached)

NOTE:

Permittee 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 Hallamy 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: Date

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	20	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

18
 VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POSTDECONPAD

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A0797Matrix: (soil/water) SOILLab Sample ID: A0797-01ASample wt/vol: 5.0 (g/mL) GLab File ID: VIE6783Level: (low/med) LOWDate Received: 05/21/02% Moisture: not dec. 15Date Analyzed: 05/21/02GC 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
10661-02-6	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

FORM I VOA-2

OLM04.2

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

POSTLETONPAD

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A0797Matrix: (soil/water) SOILLab Sample ID: A0797-01ASample wt/vol: 5.0 (g/mL) GLab File ID: V1E6783Level: (low/med) LOWDate Received: 05/21/02% Moisture: not dec. 15Date Analyzed: 05/21/02GC 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

FORM I VOA-1

OLM04.2

H

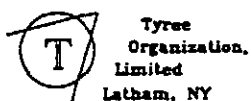
Groundwater Wells on Piezometer Survey Record Drawings



H. Groundwater Wells on Piezometer Survey Record Drawings

Please see enclosed CD

Project Monitoring Well Drilling Logs



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. Perricchio
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	BORE HOLE DATA
0	11.5,3,1	0.0	70%		Asphalt/ m Gravel, f Sand and Silt	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
2	7,6,5,1	0.0	20%		vf-f sand and silt, trace of clay, dry	WELL DATA
4	2,3,3,2	0.0	50%		vf sand brown and silt brown trace of clay gray, trace of gravel, dry	Riser Type: <u>PVC</u> Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
6	3,3,3,4	0.0	60%		vf sand brown and silt brown, trace f gravel gray, moist	Screen Type: <u>PVC</u> Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>30'-20'</u>
8	2,8,9,9	0.0	30%		f-m sand brown, some silt brown trace f gravel gray moist	FILTER PACK
10	3,7,4,4	0.0	100%		f-m sand brown, trace silt brown trace fine gravel moist	Source: <u>Sand</u> Composition: _____ Volume Used: <u>4 Bags</u> Interval: <u>30'-17'</u>
12	5,3,3,4	0.0	100%		f-m sand brown, trace silt brown, wet	GROUT / SEAL
14	3,3,8,8	0.0	100%		f-m sand brown, trace silt brown, wet	Type: <u>Bentonite/Crout</u> Volume Used: <u>Bucket/ 4 Bags</u> Interval: <u>17'-15'/15'-0'</u>
16	3,3,4,5	0.0	70%		f-m sand brown, wet	WELL HEAD COMPLETION
18	1,2,5,9	0.0	80%		f-m sand brown, trace silt brown, wet	Manhole: ☐ YES ☐ NO Size: _____ Concrete Pad: ☐ YES ☐ NO Size: _____
20	3,5,2,6	0.0	60%		f-m sand brown, wet	WELL DEVELOPMENT
22	6,7,12,15	0.0	50%		f-m sand brown some medium gravel trace silt brown wet	Performed: ☐ YES ☐ NO Method: _____ Amt. Purged: _____ Date: _____
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

Drawn by: D. Pachan

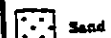
LEGEND



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

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-1B

Address: 586 Main St. East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.075-0.25mm

fine sand=0.25-0.6mm

medium sand=0.6-1.18mm

coarse sand=1.18-2.0mm

very coarse sand=2.0-4.75mm

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-250mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyree
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Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-1C

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-1C

Address: 586 Main St., East Aurora, NY

Date Completed: 11/5/01

SUPERVISED BY: D. Ferruccio

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

LEGEND

Key:



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
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Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-1D

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-1D

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: HSA
2						Hole Dia.: 4.25"
4						Depth: 30'
6					N/A	WELL DATA
8						Riser Type: PVC
10						Riser Dia.: 2"
12						Riser Length: 20'
14						Interval: 20'-0'
16						Screen Type: PVC
18						Screen Dia.: 2"
20						Screen Length: 10'
22						Slot: 0.010
24						Interval: 30'-20'
26						FILTER PACK
28						Source: Sand
30						Composition:
32						Volume Used: 4 bags
34						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:

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

Drawn by: D. Pachan

LEGEND

Key:



Grout

trace=1-10%

very fine sand=0.6-0.13mm



Bentonite

little=10-20%

fine sand=0.13-0.25mm



Sand

some=20-30%

medium sand=0.25-0.50mm

and=30-50%

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 DEVELOPMENT

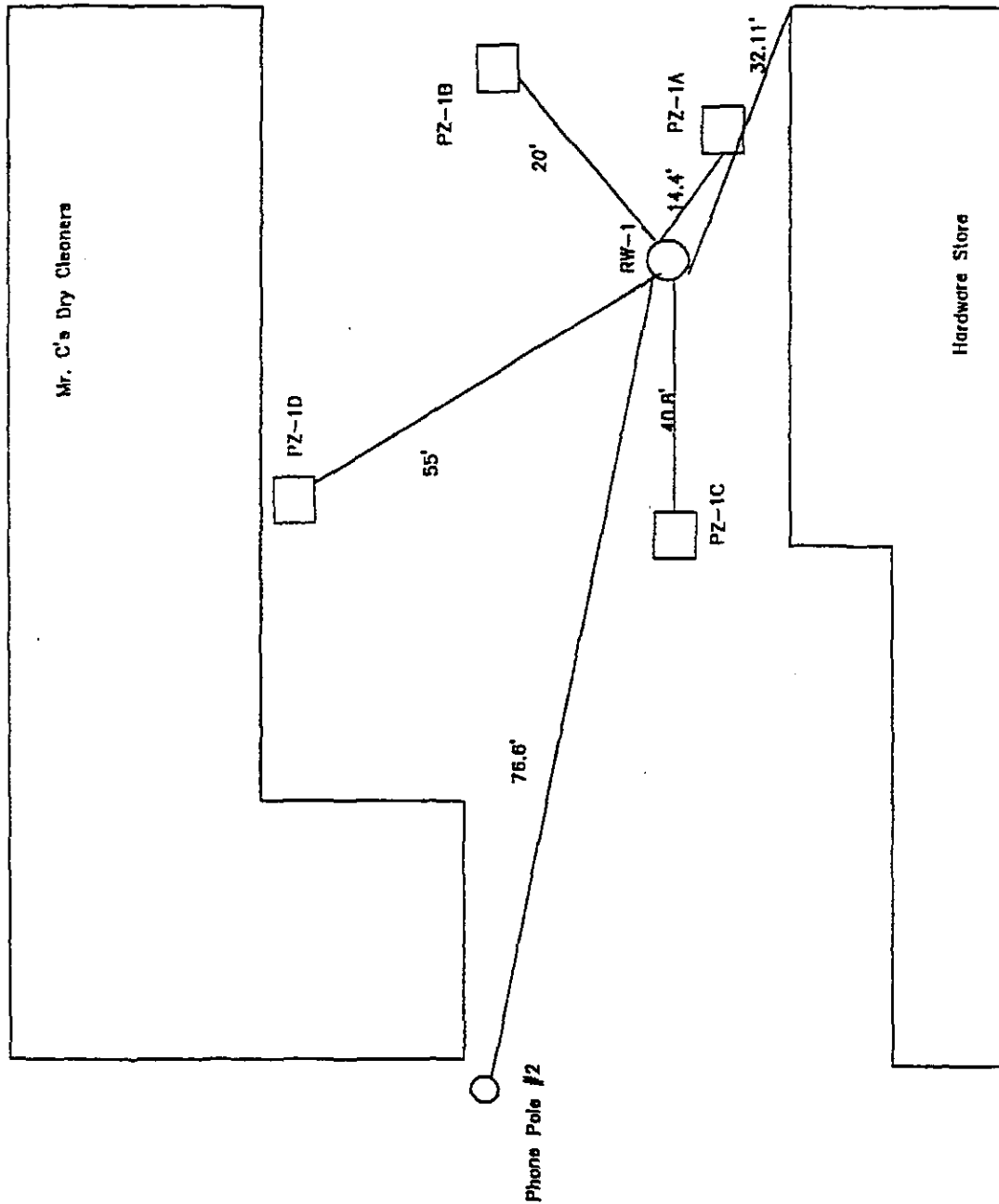
Performed: ☐ YES ☐ NO

Method:

Amt. Purged:

Date:

RW-1 Well Clusters



Tyrec Organization, Ltd.

Phone: 518/786-3200 4 Northway Lane
LATIHAM, NY 12110 Fax: 518/786-7351

Project Number 017301

As Built

Mr. C's Dry Cleaners
566 Main Street
East Aurora, New York 14052

Drawn By: D.P.

11-29-01

Scale: NTS

Client: DEC

Plate: RW-1



Tyrec
Organisation,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PW-2

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: MR. C's

WELL #: PW-2

DATE COMPLETED: 11/6/01

ADDRESS: 586 Main St. East Aurora, NY

SUPERVISED BY: D. PERRUCCIO

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: HSA
2						Hole Dia.: 6.25"
4						Depth: 30'
6						WELL DATA
8						Riser Type: Stainless Steel
10						Riser Dia.: 4"
12						Riser Length: 18'
14						Interval: 18'-0'
16						Screen Type: Stainless Steel
18						Screen Dia.: 4"
20						Screen Length: 10'
22						Slot: 0.010
24						Interval: 28'-18'
26						FILTER PACK
28						Source: Sand
30						Composition:
32						Volume Used: 7 bags
34						Interval: 30'-15'
						GROUT / SEAL
						Type: Bent/ Grout/Sand
						Volume Used: 1.5 bucket/3 bags/2bags
						Interval: 15'-13'/13'-5'/5'-0'
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size:
						Concrete Pad: ☐ YES ☐ NO
						Size:

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

Drawn by: D. Pachan
Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-
256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method:

Amt. Purged:

Date:



Tyres
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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	BORE HOLE DATA
0					vt-f sand brown/ some silt brown, trace clay, trace f-m gravel brown/ dry	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
2	10.10.4.5	0.2	60%			
4	4.4.7.8	0.0	50%		vt-f sand brown/ some silt brown/ some clay brown/ moist	WELL DATA
6	4.5.8.9	0.0	50%		f-m sand brown/ some clay brown/ some f-m gravel brown/ moist	Riser Type: <u>PVC</u>
8	4.3.5.5	0.0	50%		f sand brown/ and silt brown/ trace clay brown/ moist	Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
10	4.2.3.4	0.0	60%		vt-f sand brown and silt brown/ some clay brown/ moist	
12	4.8.11.13	0.0	50%		f-m sand brown/ some silt brown/ trace clay brown/ trace gravel gray/ moist	Screen Type: <u>PVC</u> Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>30'-20'</u>
14	2.3.4.4	0.0	70%		f-m sand brown, wet	
16	1.3.4.6	0.0	90%		f-m sand brown, wet	
18	3.5.7.7	0.0	80%		f-m sand brown, wet	
20	1.1.3.6	0.0	80%		f-m sand brown, wet	FILTER PACK
22	1.2.4.5	0.0	80%		f-m sand brown, wet	Source: <u>Sand</u> Composition: <u></u> Volume Used: <u>4 bags</u> Interval: <u>30'-17'</u>
24	5.5.7.8	0.0	70%		f-m sand brown/ trace silt brown, wet	
26	1.2.5.7	0.0	85%		f-m sand brown, wet	GROUT / SEAL
28	1.2.3.8	0.0	80%		f-m sand brown/ trace silt brown, wet	Type: <u>Bent/ Grout</u> Volume Used: <u>1 bucket/4 bags</u> Interval: <u>17'-15'/15'-0'</u>
30	2.3.4.5	0.0	100%		f-m sand brown, wet	
32						WELL HEAD COMPLETION
34						Manhole: ☐ YES ☐ NO Size: <u></u> Concrete Pad: ☐ YES ☐ NO Size: <u></u>

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

Drawn by: D. Pachan
Key:

LEGEND



Grout



Bentonite



Sand

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

very fine sand=0.06-0.13mm
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 DEVELOPMENT

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



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-2B

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-2B

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

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

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.06-0.13mm

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

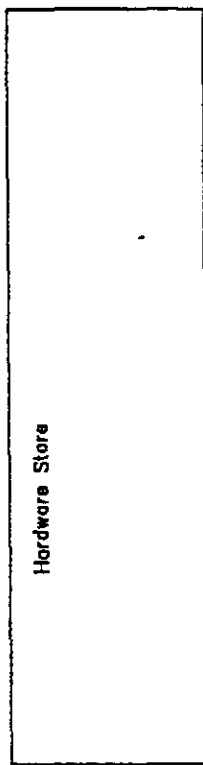
f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-
256mm

LEGEND

Main St.



PZ-2B 8.8'

RW-2 8.5'

PZ-2D 8.5'

PZ-2C 1.1'

PZ-2A 3.1'

Phone Pole 968-1 63.5'

Whaley Ave.



Tyrce Organization, Ltd.	
Phone: (516) 786-3200	4 Northway Lane LATHAM, NY 12110
Fax: (516) 786-7351	
Project Number: 012301	Drawn By: DLP
As Built	11-28-91
Mr. C's Dry Cleaners	SCALE: NTS
588 Main Street	CLIENT: DEC
East Aurora, New York 14052	PLATE: PW-2



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PW-3

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: MR. C's

WELL #: PW-3

ADDRESS: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: HSA
2						Hole Dia.: 6.25"
4						Depth: 30'
6						WELL DATA
8						Riser Type: Stainless Steel
10						Riser Dia.: 4"
12						Riser Length: 18'
14						Interval: 18'-0'
16						Screen Type: Stainless Steel
18						Screen Dia.: 4"
20						Screen Length: 10'
22						Slot: 0.010
24						Interval: 28'-18'
26						FILTER PACK
28						Source: Sand
30						Composition:
32						Volume Used: 7 bags
34						Interval: 30'-15'
						GROUT / SEAL
						Type: Bent/ Grout/Sand
						Volume Used: 1.5 bucket/3 bags/2bags
						Interval: 15'-13'/13'-5'/5'-0'
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size:
						Concrete Pad: ☐ YES ☐ NO
						Size:

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

Drawn by: D. Pachan
Key:

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

LEGEND

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method:

Amt. Purged:

Date:



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	BORE HOLE DATA
0	5.2,2.2	0.0	60%		vf-f sand brown/ some silt brown, trace clay brown/ dry	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
2	2.6,7.7	0.0	70%		vf sand and silt brown/ some clay brown/ moist	WELL DATA
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	Riser Type: <u>PVC</u> Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
8	2.3,3.3	0.0	10%		f-m sand brown/ little silt brown/ trace m gravel/ moist	Screen Type: <u>PVC</u> Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>30'-20'</u>
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	FILTER PACK Source: <u>Sand</u> Composition: _____ Volume Used: <u>4 bags</u> Interval: <u>30'-17'</u>
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	GROUT / SEAL Type: <u>Bent/ Grout</u> Volume Used: <u>1 bucket/4 bags</u> Interval: <u>17'-15'/15'-0'</u>
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	WELL HEAD COMPLETION Manhole: ☐ YES ☐ NO Size: _____ Concrete Pad: ☐ YES ☐ NO Size: _____
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	WELL DEVELOPMENT Performed: ☐ YES ☐ NO Method: _____ Amt. Purged: _____ Date: _____
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

Drawn by: D. Pachan
Key:

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-3B

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-3B

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-84mm

c-gravel=84-

256mm



Tyres
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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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.075-0.25mm

fine sand=0.25-0.50mm

medium sand=0.50-0.85mm

course sand=0.85-1.75mm

very course sand=1.75-3.0mm

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-

256mm



Tyres
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Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-3D

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-3D

Address: 586 Main St. East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-
256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

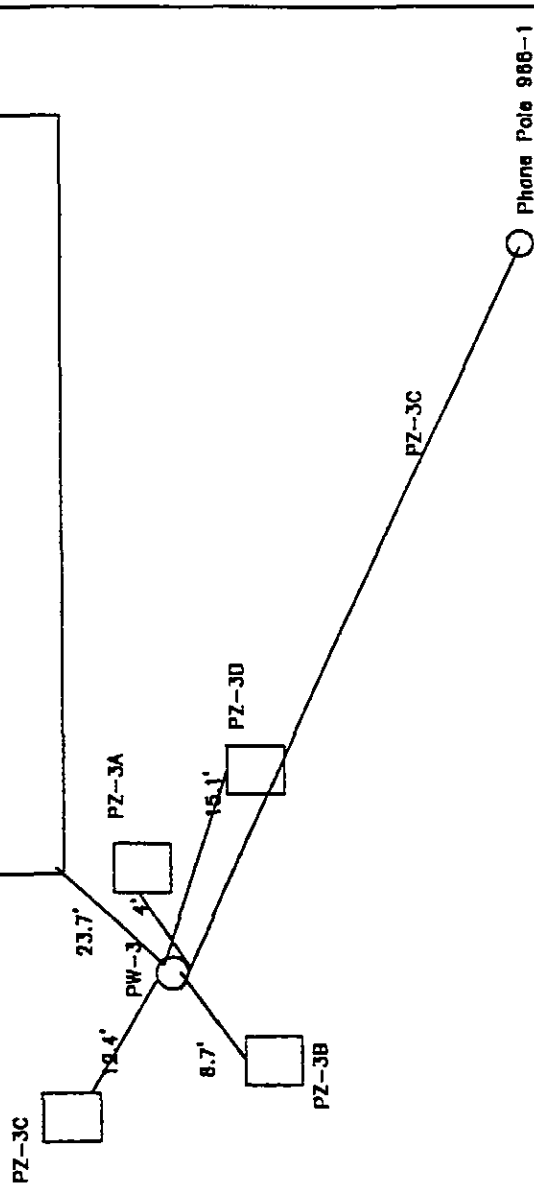
Method: _____

Amt. Purged: _____

Date: _____

Main St.

Hardware Store



Wholey Ave.

N ←

Tyrce Organization, Ltd.



4 Northway Lane
LATHAM, NY 12110

Phone: (518) 786-3200 Fax: (518) 786-7361

Project Number: 012301

As Built

Mr. C's Dry Cleaners

586 Main Street
East Aurora, New York 14052

Drawn: B.M. D.P.

11-30-91

Scale:

Client:

Plate:

PW-3



Tyrec
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME
PW-4

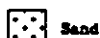
CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

DATE STARTED/COMPLETED: 11/9/01-11/9/01
LOGGED BY: D. Ferruccio
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	BORE HOLE DATA
0	22,8,3,3	0.1	60%	+	Asphalt medium gravel grey, some f-m sand brown dry	Drilling Method: <u>HSA</u> Hole Dia.: <u>6.25"</u> Depth: <u>30'</u>
2	1,3,6,8	0.0	70%	+	vf-f sand brown and silt brown clay brown moist	WELL DATA
4	3,3,2,2	0.0	90%	+	vf-f sand brown and silt brown little clay brown, moist	Riser Type: <u>Stainless Steel</u> Riser Dia.: <u>4"</u> Riser Length: <u>18'</u> Interval: <u>18'-0'</u>
6	2,2,2,3	0.0	70%	+	vf-f sand brown some silt brown trace clay brown, moist	Screen Type: <u>Stainless Steel</u> Screen Dia.: <u>4"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>28'-18'</u>
8	3,3,2,3	0.0	70%	+	vf-m sand brown some silt brown trace gravel, moist	FILTER PACK
10	1,3,4,5	0.0	90%	+	f-m sand brown some silt brown trace clay brown moist	Source: <u>Sand</u> Composition: _____ Volume Used: <u>7 bags</u> Interval: <u>30'-15'</u>
12	1,3,4,5	0.0	90%	+	f-m sand brown trace silt brown wet	GROUT / SEAL
14	1,2,4,5	0.0	80%	+	f-m sand brown trace silt brown wet	Type: <u>Bent/ Grout/Sand</u> Volume Used: <u>1.5 bucket/3 bags/2bag</u> Interval: <u>15'-13'/13'-5'/5'-0'</u>
16	2,4,6,7	0.0	95%	+	f-m sand brown trace silt brown wet	WELL HEAD COMPLETION
18	1,1,3,9	0.0	80%	+	f-m sand brown wet	Manhole: ☐ YES ☐ NO Size: _____ Concrete Pad: ☐ YES ☐ NO Size: _____
20	6,5,9,9	0.0	80%	+	f-m sand grey trace silt brown wet	WELL DEVELOPMENT
22	12,5,7,8	0.0	70%	+	f-m sand grey trace silt brown wet	Performed: ☐ YES ☐ NO Method: _____ Amt. Purged: _____ Date: _____
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				Sum		
32						
34						

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

Drawn by: D. Pachan
Key:



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

LEGEND



Tyres
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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-

256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-4B

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-4B

Address: 586 Main St., East Aurora, NY

Date Completed: 10/31/01

SUPERVISED BY: D. Ferruccio

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.075-0.15mm

fine sand=0.15-0.25mm

medium sand=0.25-0.50mm

course sand=0.5-1mm

very course sand=1-2mm

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-

256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyree
Organization.
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-4C

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-4C

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-4D

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-4D

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.075-0.25mm

fine sand=0.25-0.5mm

medium sand=0.5-1mm

course sand=1-2mm

very course sand=2-4mm

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-
256mm

WELL DEVELOPMENT

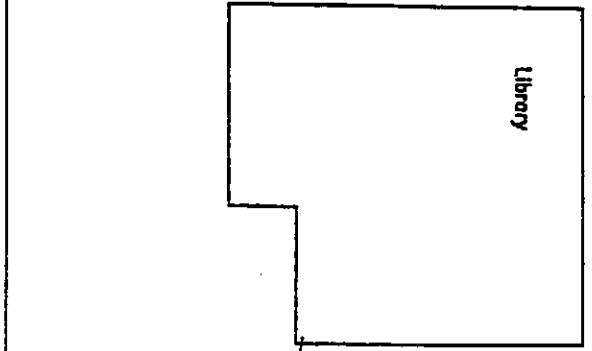
Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____

PW-4 Well Cluster



Library

Library Parking Lot

House # 19

Wholey Ave.



Phone Pole #2

Tyree Organization, Ltd.

Phone (518) 786-3200 4 Northway Lane LATITAH, NY 12110

Fax (518) 786-7351

Project Number: 012301

M. Swille

Mr. C's Dry Cleaners 308 Main Street Earl Aurore, New York 14052

11-28-01 SCALE CLIENT PLATE PW-4



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PW-5

PROJECT NAME: NYS DEC PROJECT #: 017301
SITE: MR. C's WELL #: PW-5
ADDRESS: 585 Main St., East Aurora, NY 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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>6.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>Stainless Steel</u>
10						Riser Dia.: <u>4"</u>
12						Riser Length: <u>18'</u>
14						Interval: <u>18'-0'</u>
16						Screen Type: <u>Stainless Steel</u>
18						Screen Dia.: <u>4"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>28'-18'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>7 bags</u>
34						Interval: <u>30'-15'</u>
						GROUT / SEAL
						Type: <u>Bent/ Grout/Sand</u>
						Volume Used: <u>1.5 bucket/3 bags/2bag</u>
						Interval: <u>15'-13'/13'-5'/5'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan
Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-

256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



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	BORE HOLE DATA
0	1,2,3,4	120.2	70%		Dark Brown Clay f-vf sand moist but loose	Drilling Method: <u>HSA</u>
2	7,13,23,24	132.4	10%		little gravel trace organics	Hole Dia.: <u>4.25"</u>
4	8,13,16,15	150.0	20%		dark brown fine sand dry loose some gravel (hit a rock)	Depth: <u>30'</u>
6	6,6,9,9	17.4	40%		brown fine sand and gravel fragments of rock dry and loose	WELL DATA
8	5,7,8,8	31.2	60%		brown- lt. brown fine sand and gravel/ rock fragments dry loose some copper staining	Riser Type: <u>PVC</u>
10	5,6,9,13	24.6	18%		brown- lt. brown fine-med sand and rock fragments some gravel dry and loose	Riser Dia.: <u>2"</u>
12	3,3,3,5	12.9	80%		Hit H2O, dark brown fine-med sand w/ little gravel wet soft	Riser Length: <u>20'</u>
14	3,5,6,8	5.6	70%		dark brown fine-med sand wet soft	Interval: <u>20'-0'</u>
16	WR,1,2,5	4.5	60%		dark brown fine-med sand wet soft	Screen Type: <u>PVC</u>
18	WR,WR,2,3	8.0	60%		dark brown fine-vf silty sand wet soft soupy	Screen Dia.: <u>2"</u>
20	WR,WR,2,4	7.6	40%		dark brown fine-vf silty sand wet soft soupy	Screen Length: <u>10'</u>
22	1,1,1,2	0.9	90%		dark brown fine-vf silty sand wet soft soupy	Slot: <u>0.010</u>
24	WR,WR,WR,3	0.0	80%		dark brown fine-med silty sand wet soft soupy	Interval: <u>30'-20'</u>
26	5,4,7,11	0.0	100%		Field Description of Soil top 1/2 dark brown f-m silty sand wet soft soupy bottom 1/2 brown vf-f clay silty sand soft wet	FILTER PACK
28	WR,WR,WR,1	0.9	20%		brown vf clayey silty sand wet soft soupy	Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/ Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☒ YES ☐ NO
						Size: _____
						Concrete Pad: ☒ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan
Key:



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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND



Tyree
Organisation.
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-5C

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-5C

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

LEGEND

Key:



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-

very course sand=1-2mm

256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-5D

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-5D

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____

Library Parking Lot

House # 18

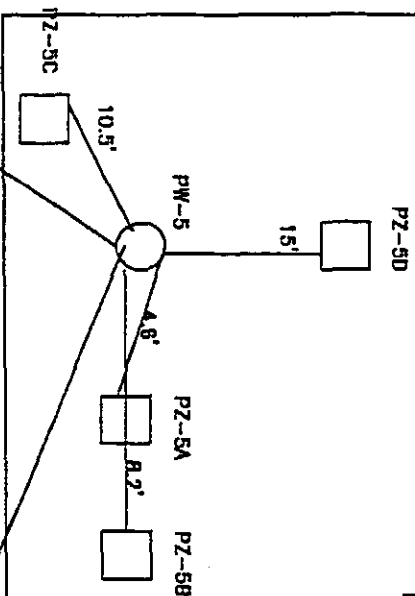
1-32

Wholey Ave.

Phone Pole #2

Phone Pole #3

→ N



Tyree Organization, Ltd.

Phone: 518/766-3200 4 Northway Lane LATITAH, NY 12110

Fax: 518/766-7351

Project Number Q123101

As Built

Mr. C's Dry Cleaners
888 Main Street
East Aurora, New York 14052

DATE: 07/01/01

BY: NTS

CLIENT: DEO

PLATE:

PW-5



Tyree
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PW-6

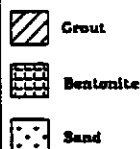
PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0				+		Drilling Method: <u>HSA</u>
2				+		Hole Dia.: <u>6.25"</u>
4				+		Depth: <u>30'</u>
6				+		WELL DATA
8				+		Riser Type: <u>Stainless Steel</u>
10				+		Riser Dia.: <u>4"</u>
12				+		Riser Length: <u>18'</u>
14				+		Interval: <u>18'-0'</u>
16				+		Screen Type: <u>Stainless Steel</u>
18				+		Screen Dia.: <u>4"</u>
20				+		Screen Length: <u>10'</u>
22				+		Slot: <u>0.010</u>
24				+		Interval: <u>28'-18'</u>
26				+		FILTER PACK
28				+		Source: <u>Sand</u>
30				+		Composition: _____
32				+		Volume Used: <u>7 bags</u>
34				+		Interval: <u>30'-15'</u>
				+		GROUT / SEAL
				+		Type: <u>Bent/ Grout/Sand</u>
				+		Volume Used: <u>1.5 bucket/3 bags/2bags</u>
				+		Interval: <u>15'-13'/13'-5'/5'-0'</u>
				+		WELL HEAD COMPLETION
				+		Manhole: ☐ YES ☐ NO
				+		Size: _____
				+		Concrete Pad: ☐ YES ☐ NO
				+		Size: _____
				+		WELL DEVELOPMENT
				+		Performed: ☐ YES ☐ NO
				+		Method: _____
				+		Amt. Purged: _____
				+		Date: _____

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

Drawn by: D. Pachan
Key:



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	BORE HOLE DATA
0	10.5,3,3	2.2	70%		asphalt gravel dark gray medium- course sand	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
2	2,2,6,7	3.5	80%		med. gray f-m sand some silt moist	WELL DATA
4	2,3,4,5	0.0	50%		medium gray fine to medium sand and silt moist	Riser Type: <u>PVC</u>
6	2,3,6,5	0.0	50%		dark brown medium to course sand fine gravel moist	Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
8	4,5,6,9	0.0	70%		dark brown fine to medium sand some silt w/ grey silty clay moist	Screen Type: <u>PVC</u>
10	2,4,6,6	0.0	50%		medium brown medium to course sand f-m gravel wet	Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>30'-20'</u>
12	2,2,5,7	0.0	100%		medium gray m-c sand, f-m gravel trace silty sand wet	FILTER PACK
14	7,13,11,12	0.0	60%		medium gray m-c sand, f-m gravel trace silty sand wet	Source: <u>Sand</u> Composition: <u></u> Volume Used: <u>4 bags</u> Interval: <u>30'-17'</u>
16	11,18,11,14	0.0	70%		med. grey, m-c sand, f-m gravel wet	GROUT / SEAL
18	5,12,12,10	0.0	60%		med. grey, m-c sand, f-m gravel trace of silty sand wet	Type: <u>Bent/ Grout</u> Volume Used: <u>1 bucket/4 bags</u> Interval: <u>17'-15'/15'-0'</u>
20	5,4,5,8	0.0	70%		Medium grey fine to medium sand trace silt wet	WELL HEAD COMPLETION
22	2,5,6,9	0.0	70%		Medium grey fine to medium sand trace silt wet	Manhole: ☐ YES ☐ NO Size: <u></u> Concrete Pad: ☐ YES ☐ NO Size: <u></u>
24	1,2,6,6	0.0	100%		Medium grey fine to medium sand trace silt wet	WELL DEVELOPMENT
26	3,9,5,8	0.0	80%		Medium grey fine to medium sand trace silt wet	Performed: ☐ YES ☐ NO Method: <u></u> Amt. Purged: <u></u> Date: <u></u>
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

Drawn by: D. Pachan
Key:

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

LEGEND



Tyres
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-6B

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-6B

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

LEGEND

Key:



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

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyree
Organization,
Limited
Ithaca, 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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.06-0.13mm

fine sand=0.13-0.25mm

medium sand=0.25-0.50mm

course sand=0.5-1mm

very course sand=1-2mm

LEGEND

▽ = ground
water table

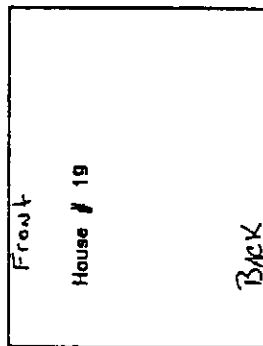
f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-

256mm

PW-6 Well Clusters

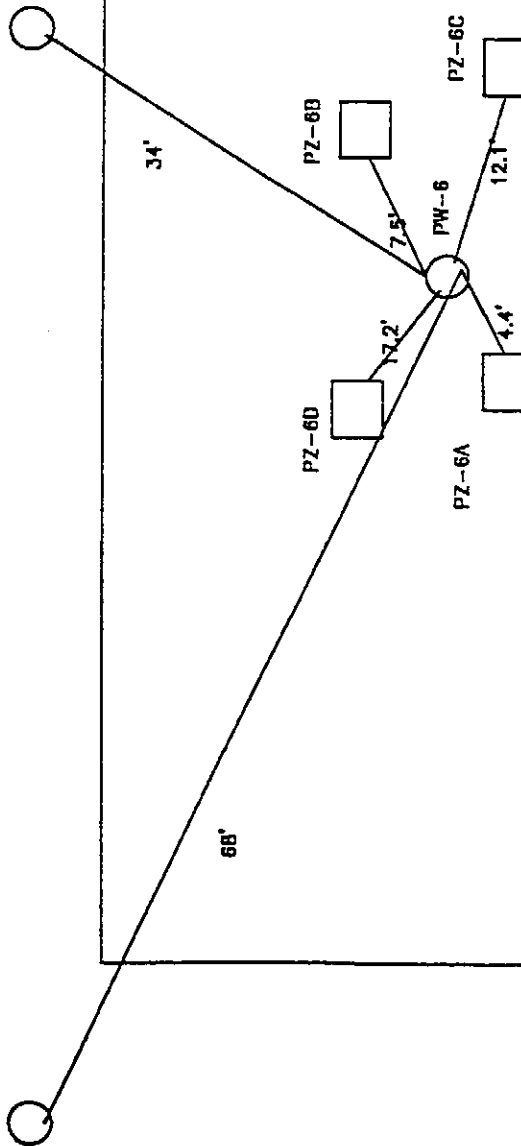


Library Parking Lot

Library

Phone Pole 1585

Phone Pole 100A



Tyree Organization, Ltd.

Phone: (518) 786-3200 4 Northway Lane LATHAM, NY 12110 Fax: (518) 786-1351

Project Number: 012301	As Built	Drawn By: DLP
Mr. C's Dry Cleaners	588 Main Street	11-27-01
East Aurora, New York 14052		SCALE: MTS
		CHECK: DEC
		PLATE: 1



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	BORE HOLE DATA
0	18.10.9.8	0.0	90%		medium to coarse sand, some fine to coarse gravel grey and dry	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
2	13.4.4.6	0.0	95%		fine to medium sand brown, trace silt brown, moist	WELL DATA
4	4.5.3.3	0.0	60%		fine to medium sand brown, some silt brown, moist	
6	3.4.3.4	0.0	50%		m-c sand brown, some f-c gravel brown, trace silt brown, moist	Riser Type: <u>PVC</u> Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
8	2.4.5.6	0.0	50%		m-c sand brown, some f-c gravel brown, and silt brown, moist	Screen Type: <u>PVC</u> Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>30'-20'</u>
10	1.2.4.5	0.0	60%		fine to medium sand grey trace silt grey wet	FILTER PACK
12	6.5.11.10	--	0%			
14	6.18.12.18	0.0	10%		fine to medium sand brown, some silt brown, trace fine gravel brown wet	Source: <u>Sand</u> Composition: <u></u> Volume Used: <u>4 bags</u> Interval: <u>30'-17'</u>
16	2.5.8.9	0.0	50%		fine to medium sand grey trace silt grey, wet	GROUT / SEAL
18	3.4.8.10	0.0	70%		fine to medium sand grey trace silt grey, wet	
20	2.3.8.8	0.0	60%		fine to medium sand grey trace silt grey, wet	Type: <u>Bent/ Grout</u> Volume Used: <u>1 bucket/4 bags</u> Interval: <u>17'-15'/15'-0'</u>
22	2.4.8.10	0.0	70%		fine to medium sand grey trace silt grey, wet	WELL HEAD COMPLETION
24	2.5.7.7	0.0	70%		fine to medium sand grey trace silt grey, wet	
26	1.1.2.3	0.0	80%		Medium to coarse sand grey wet	Manhole: ☐ YES ☐ NO Size: <u></u> Concrete Pad: ☐ YES ☐ NO Size: <u></u>
28	13.6.12.9	0.0	50%		Medium to coarse sand grey wet	WELL DEVELOPMENT
30						
32						Performed: ☐ YES ☐ NO Method: <u></u> Amt. Purged: <u></u> Date: <u></u>
34						

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

Drawn by: D. Pachan
Key:



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

LEGEND

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



Tyree
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Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-7A

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-7A

Address: 586 Main St. East Aurora, NY

Date Completed: 11/8/01

SUPERVISED BY: D. Perruccio

Depth Below Grade	Sample Interval & Name	P.L.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-

256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



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Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PW-7

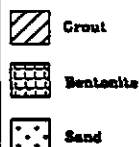
PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>6.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>Stainless Steel</u>
10						Riser Dia.: <u>4"</u>
12						Riser Length: <u>18'</u>
14						Interval: <u>18'-0'</u>
16						Screen Type: <u>Stainless Steel</u>
18						Screen Dia.: <u>4"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>28'-18'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>7 bags</u>
34						Interval: <u>30'-15'</u>
						GROUT / SEAL
						Type: <u>Bent/ Grout/Sand</u>
						Volume Used: <u>1.5 bucket/3 bags/2bag</u>
						Interval: <u>15'-13'/13'-5'/5'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan
Key:



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
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Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME

PZ-7C

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-7C

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



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

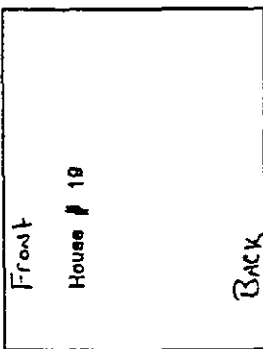
m-gravel=4-64mm

c-gravel=64-

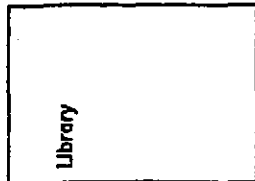
256mm

LEGEND

PW-7 Well Cluster

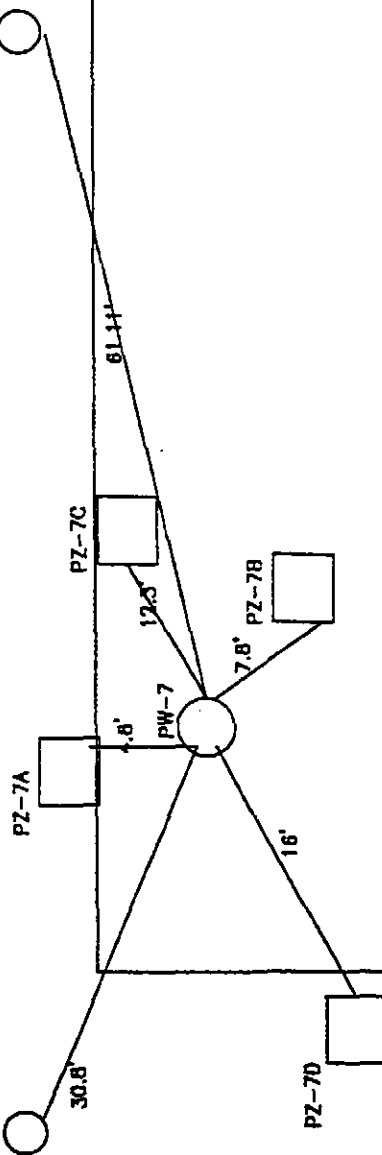


Library Parking Lot



Phone Pole 1585

Phone Pole 100A



N ←

Tyree Organization, Ltd.



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

Project Number: 017501	As Built	DRAWN BY: DLP
Mr. C's Dry Cleaners	888 Main Street	11-22-01
East Aurora, New York 14052		SCALE: NTS
		CLIENT: DEC
		PLATE:



Tyrec
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PW-8

PROJECT NAME: NYS DEC
SITE: MR. C's
ADDRESS: 588 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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>6.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>Stainless Steel</u>
10						Riser Dia.: <u>4"</u>
12						Riser Length: <u>18'</u>
14						Interval: <u>18'-0'</u>
16						Screen Type: <u>Stainless Steel</u>
18						Screen Dia.: <u>4"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>28'-18'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>7 bags</u>
34						Interval: <u>30'-15'</u>
						GROUT / SEAL
						Type: <u>Bent/ Grout/Sand</u>
						Volume Used: <u>1.5 bucket/3 bags/2 bags</u>
						Interval: <u>15'-13'/13'-5'/5'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:

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

LEGEND

= ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-
256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyree
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME
PZ-8A

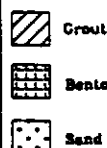
CLIENT: NYS DEC
PROJECT: MR. C's
LOCATION: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0	2.4,5,7	0.0	90%		Top 3rd dark brown soil w/ organics Bottom v-f to f sand dry loose	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
2	5.7,11,12	0.0	60%		light brown sand w/ some gravel rock fragments dry loose	WELL DATA
4	2.2,5,4	0.0	20%		light brown sand w/ some gravel rock fragments dry loose	Riser Type: <u>PVC</u> Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
6	3.3,3,7	0.0	30%		light brown sand and gravel shale rock fragments loose dry	Screen Type: <u>PVC</u> Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>0.010</u> Interval: <u>30'-20'</u>
8	5.7,8,11	0.0	70%		hit H2O, top 5" same as above bottom gray wet silty clay stiff	FILTER PACK
10	3.6,7,11	0.0	70%		grey silty clay wet semi stiff	Source: <u>Sand</u> Composition: <u></u> Volume Used: <u>4 bags</u> Interval: <u>30'-17'</u>
12	4.8,11,12	0.0	40%		brown vf sand and f-m gravel wet semi loose	GROUT / SEAL
14	6.4,3,6	1.6	30%		brown vf sand and f-m gravel wet semi loose	Type: <u>Bent/ Grout</u> Volume Used: <u>1 bucket/4 bags</u> Interval: <u>17'-15'/15'-0'</u>
16	4.5,7,6	3.5	50%		f-m gravel with some brown fine sand wet loose	WELL HEAD COMPLETION
18	9.7,8,10	1.4	40%		f-m gravel with some brown fine sand wet loose	Manhole: ☐ YES ☐ NO Size: <u></u> Concrete Pad: ☐ YES ☐ NO Size: <u></u>
20	3.6,7,8	2.0	50%		top 4" - same as above mid 4" brown sandy silt wet sticky stiff bottom 4"-gray vf-f sand wet	WELL DEVELOPMENT
22	4.4,4,4	1.0	50%		grey silty vf sand wet sticky	Performed: ☐ YES ☐ NO Method: <u></u> Amt. Purged: <u></u> Date: <u></u>
24	5.5,5,8	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

Drawn by: D. Pachan
Key:



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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND

▽ = ground
water table

f-gravel=2-4mm

m-gravel=4-64mm

c-gravel=64-256mm

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____



Tyres
Organization,
Limited
Latham, NY

WELL CONSTRUCTION DETAIL

BORING NAME
PZ-8C

PROJECT NAME: NYS DEC

PROJECT #: 017301

SITE: Mr. C's Dry Cleaners

WELL #: PZ-8C

Address: 586 Main St., East Aurora, NY

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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition: _____
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: D. Pachan

Key:



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

LEGEND



Tyres
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	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25"</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>Sand</u>
30						Composition:
32						Volume Used: <u>4 bags</u>
34						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>Bent/Grout</u>
						Volume Used: <u>1 bucket/4 bags</u>
						Interval: <u>17'-15'/15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: D. Pachan

Key:



Grout



Bentonite



Sand

trace=1-10%

little=10-20%

some=20-30%

and=30-50%

very fine sand=0.075-0.15mm

fine sand=0.15-0.25mm

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 DEVELOPMENT

Performed: ☐ YES ☐ NO

Method: _____

Amt. Purged: _____

Date: _____

PW-B wall cluttered

Garage

55'

PZ-8B



7.1'

PW-B

4.8'

PZ-8A



11.5'

PZ-8D



13'

PZ-8C



90'

Parking lot driveway

Phone pole 100A

→ N

Tyree Organization, Ltd.

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

Project Number: 012301

As Built

Mr. C's Dry Cleaners

608 Main Street
East Aurora, New York 14052

DRAWN BY: R.P.

11-37-01

SCALE: NTS

PLATE

PW-8

RECEIVED

BY

DATE

Piezometer Gauging Data

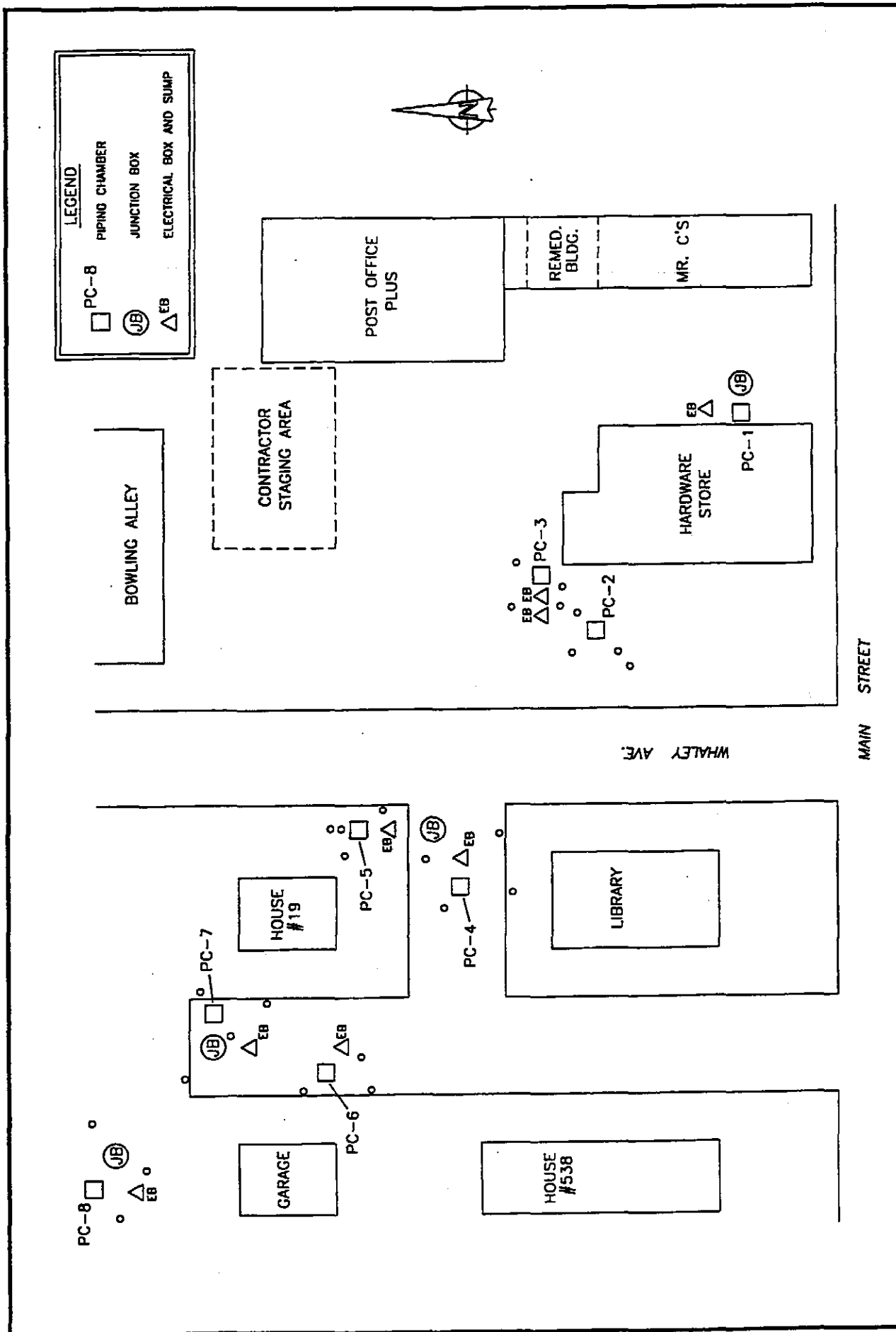
Date:		9/5/02	9/5/02	
Piezometer	Pump Cycle			Depth of Recovery Well as is gauged
PZ-1A		13.24		10'
PZ-1B	Almost	12.64		
PZ-1C	always on	13.69		
PZ-1D		13.69		
	Pump Off		After Cycle	
PZ-2A		12.25	12.34	12'
PZ-2B	38 Sec	12.63	12.78	
PZ-2C		12	12.02	
PZ-2D		11.88	12.01	
PZ-3A		12.78	12.91	6'
PZ-3B	37 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



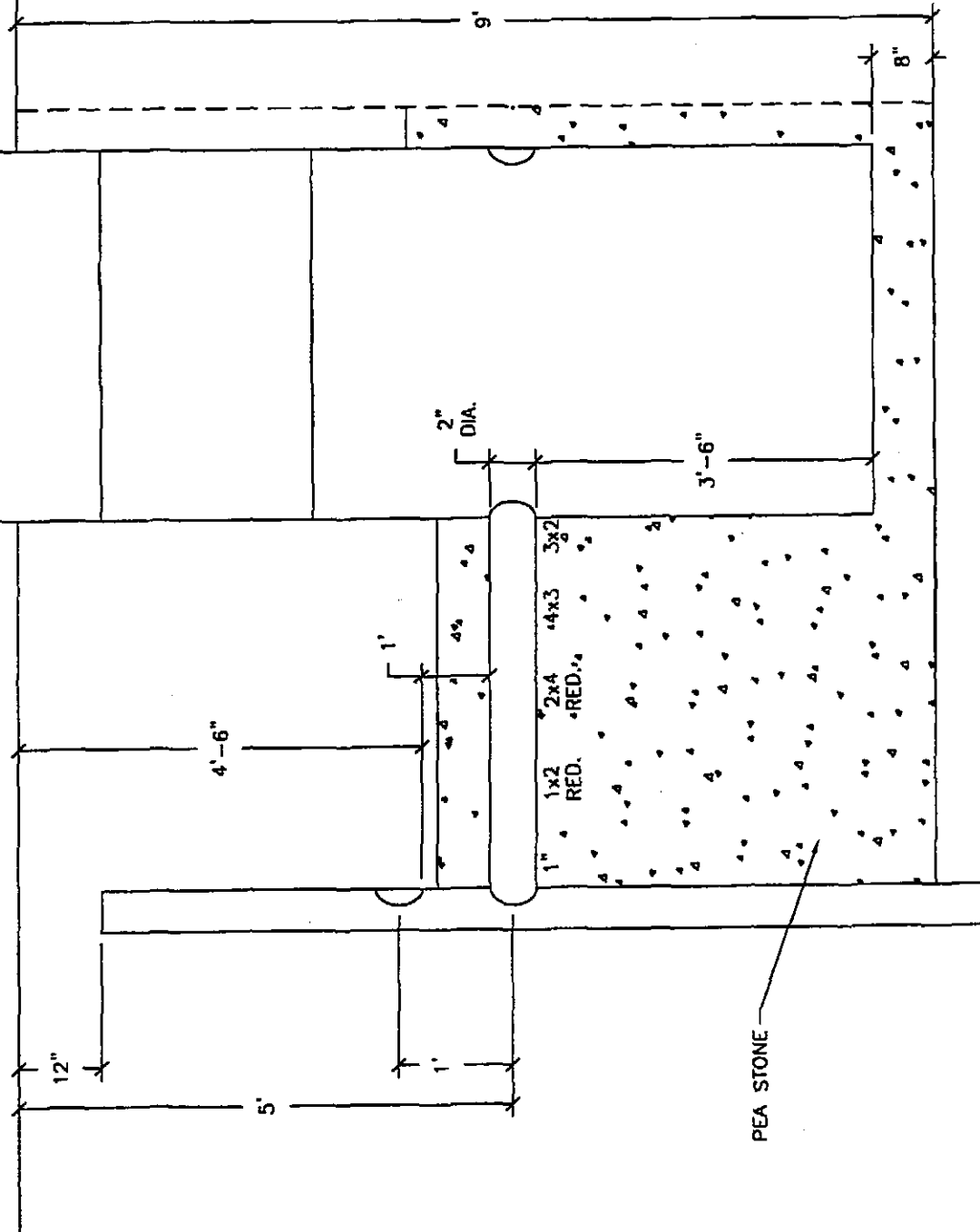
Pleas see encl sed CD



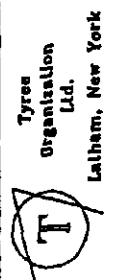
	PC-8 PIPING DETAIL TO PC-8 & PC-7 AS RECORDED		Checked by: D. PACHAN Drawn by: FIF/Adecco	Cad File: MRC-SITE
	MR.C's DRY CLEANERS REMEDIATION PROJECT 586 MAIN STREET EAST AURORA, NEW YORK		Scale: N.T.S. Date: 8-16-03	Figure A

PIPING CHAMBER

PW-8



PEA STONE



Tyres
Organisation
Ltd.
Latham, New York

PIPING CHAMBER AND WELL CONNECTION #8

AS RECORDED

MR.C's DRY CLEANERS
REMEDICATION PROJECT

888 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

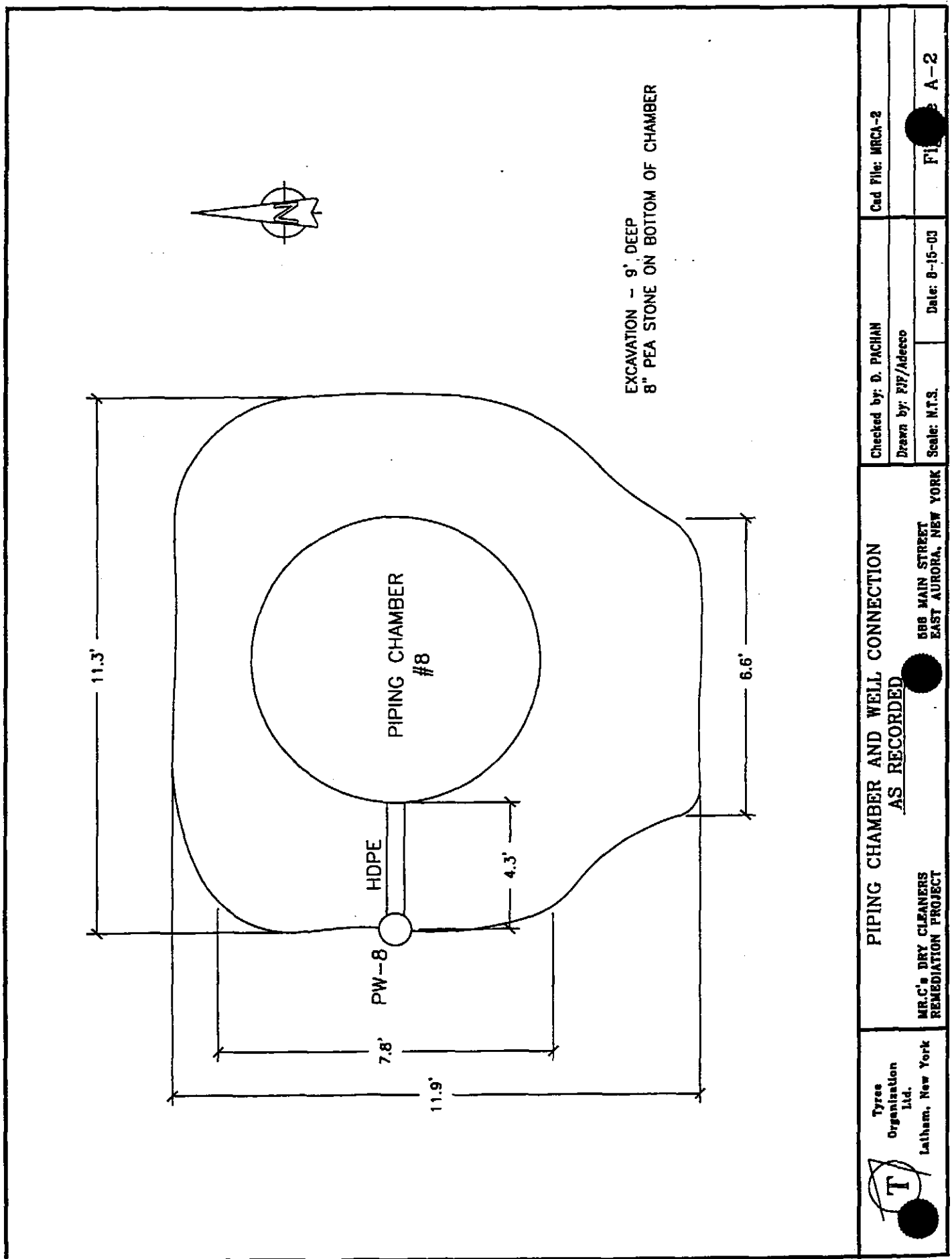
Drawn by: FJF/Adecco

Scale: N.T.S.

Date: 8-15-03

Cad File: MRCA-1

Figure A-1



Tyrce
Organization
Ltd.
Latham, New York

MR.C's DRY CLEANERS
REMEDICATION PROJECT

PIPING CHAMBER AND WELL CONNECTION
AS RECORDED

888 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

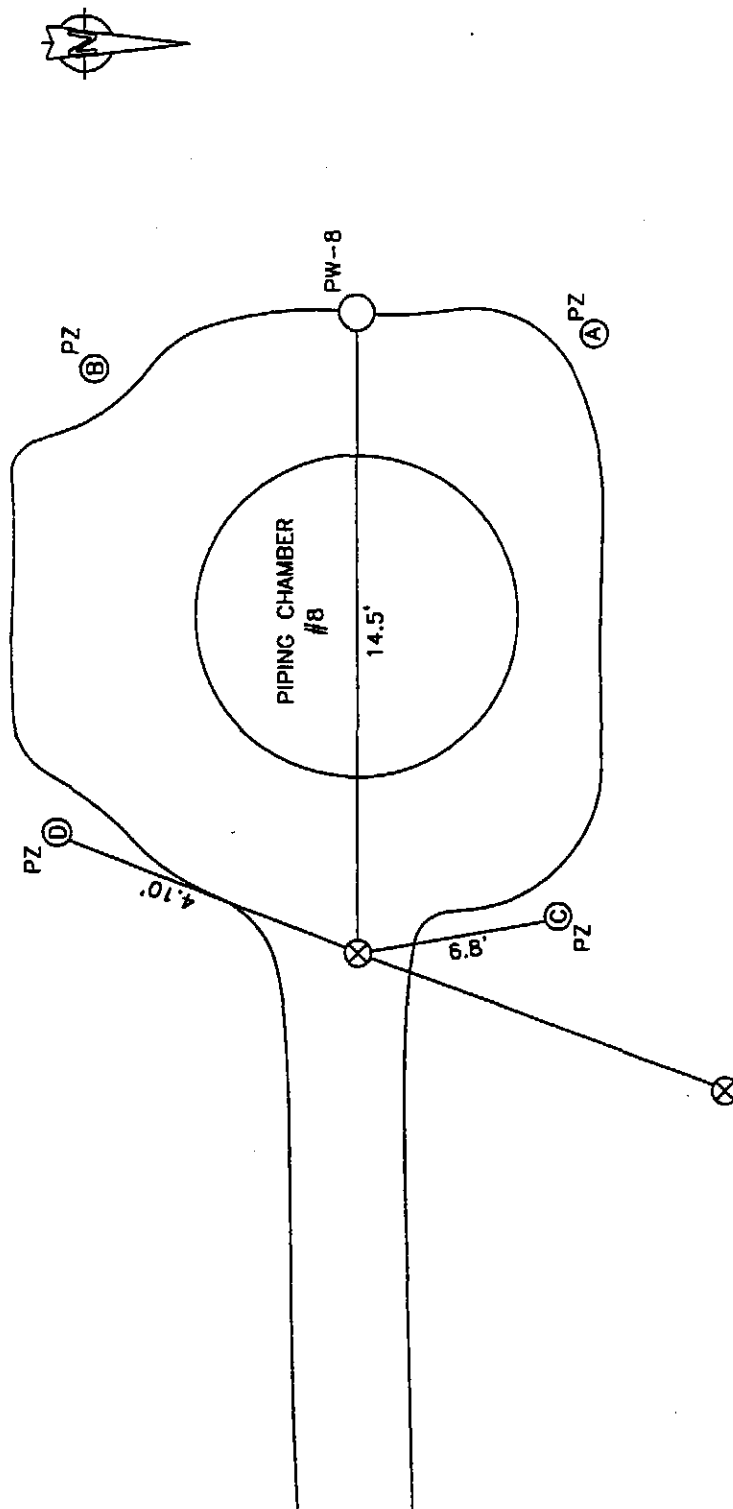
Drawn by: PJF/Adesso

Scale: N.T.S.

Date: 8-15-03

Cad File: MRCA-2

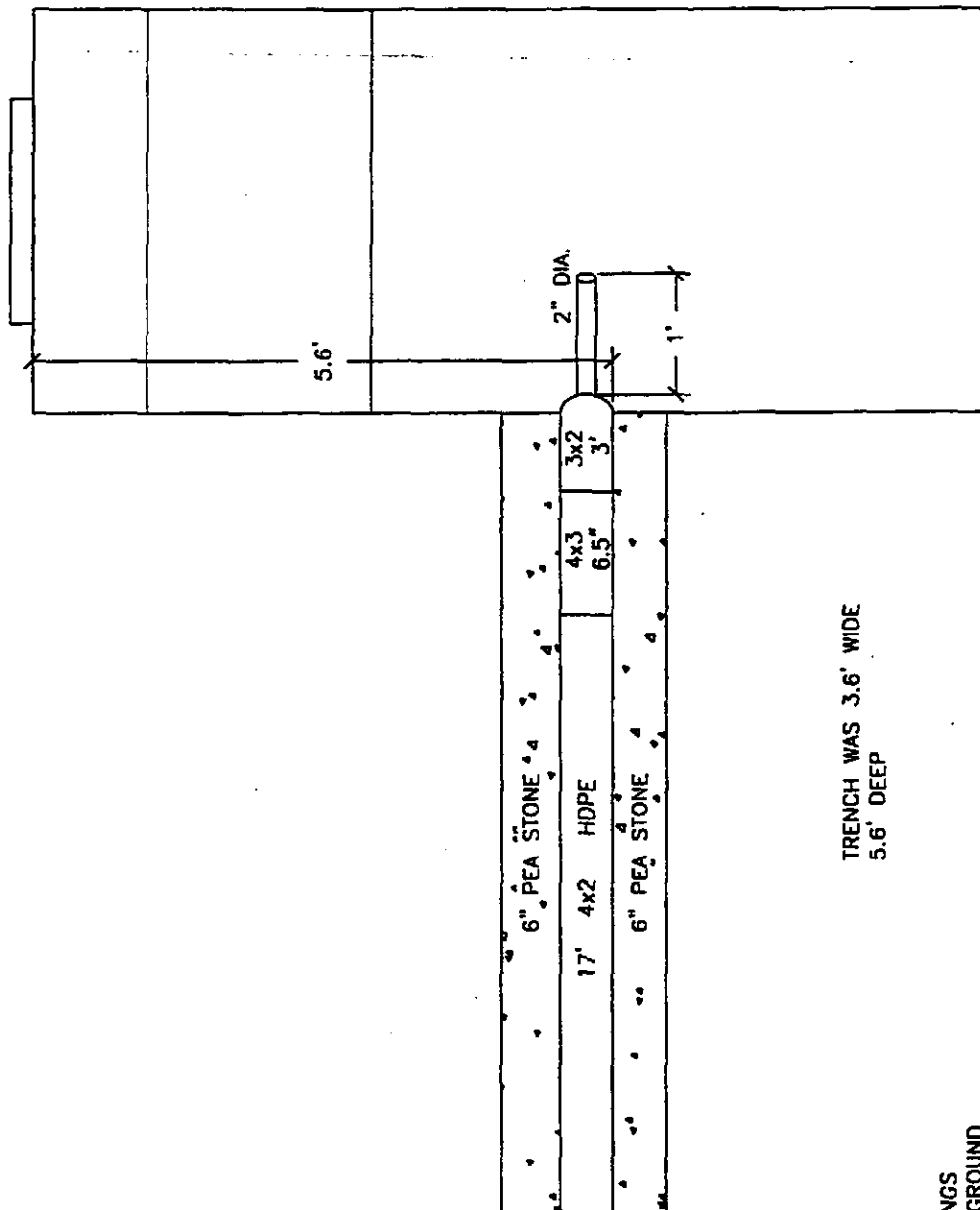
File: A-2



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 <u>AS RECORDED</u> MR.C's DRY CLEANERS REMEDATION PROJECT	588 MAIN STREET EAST AURORA, NEW YORK	Checked by: D. PACHAN		Cad File: MRCA-3
			Drawn by: FJF/Adecco		
			Scale: N.T.S.	Date: 8-15-03	Figure A-3

PC-8



TRANSIT READINGS
4.81 TOP OF GROUND
10.56 BOTTOM OF TRENCH
10.22 TOP OF LOWER STONE



Tyne
Organization
Ltd.
Latham, New York

TRENCH FROM PC-8 TO PC-7
AS RECORDED

MR.C's DRY CLEANERS
REMEDICATION PROJECT

506 MAIN STREET
EAST AURORA, NEW YORK

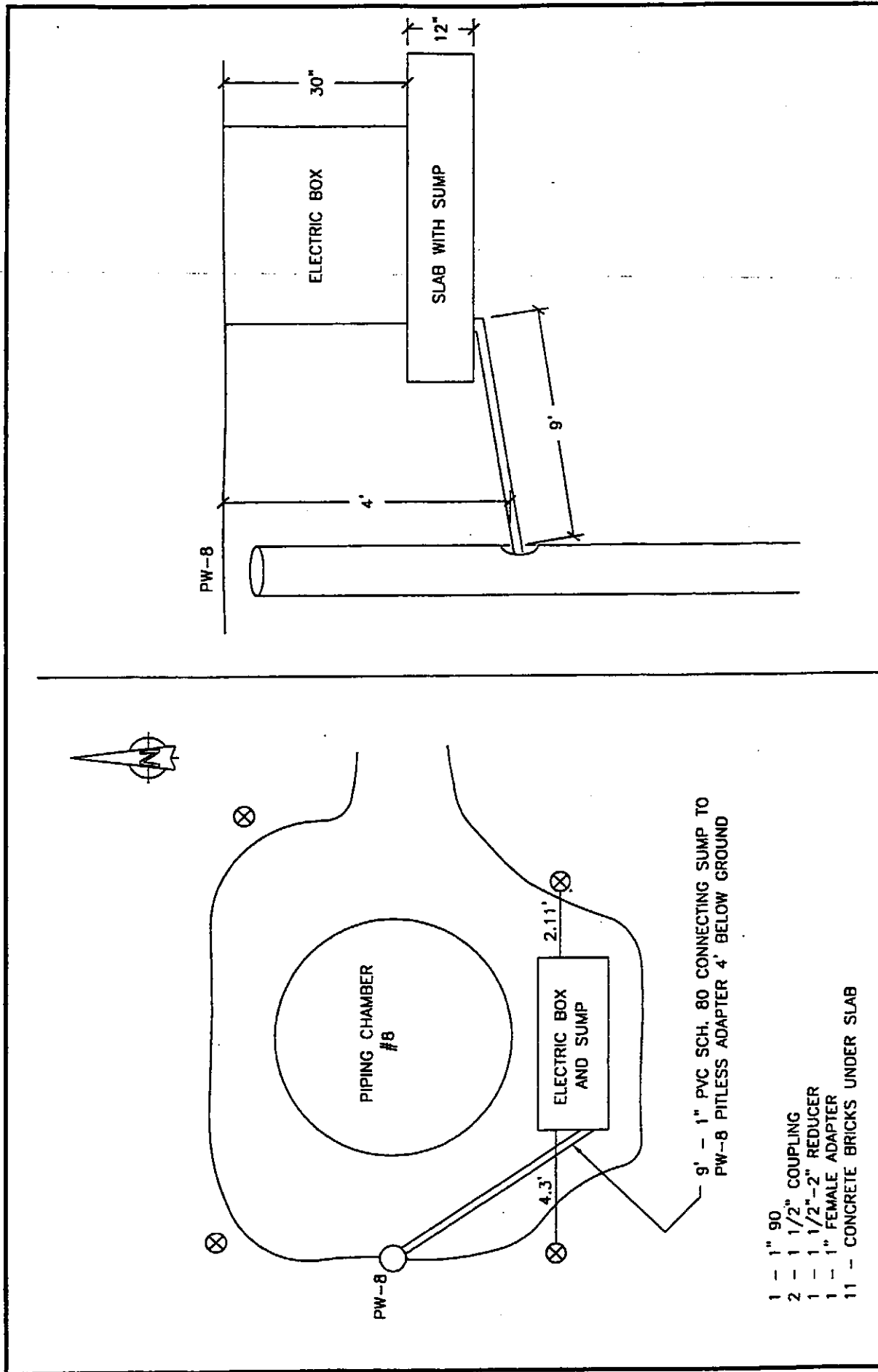
Checked by: D. PACHAN
Drawn by: PJP/Adecco

Cad File: MRCA-4

Date: 8-15-03

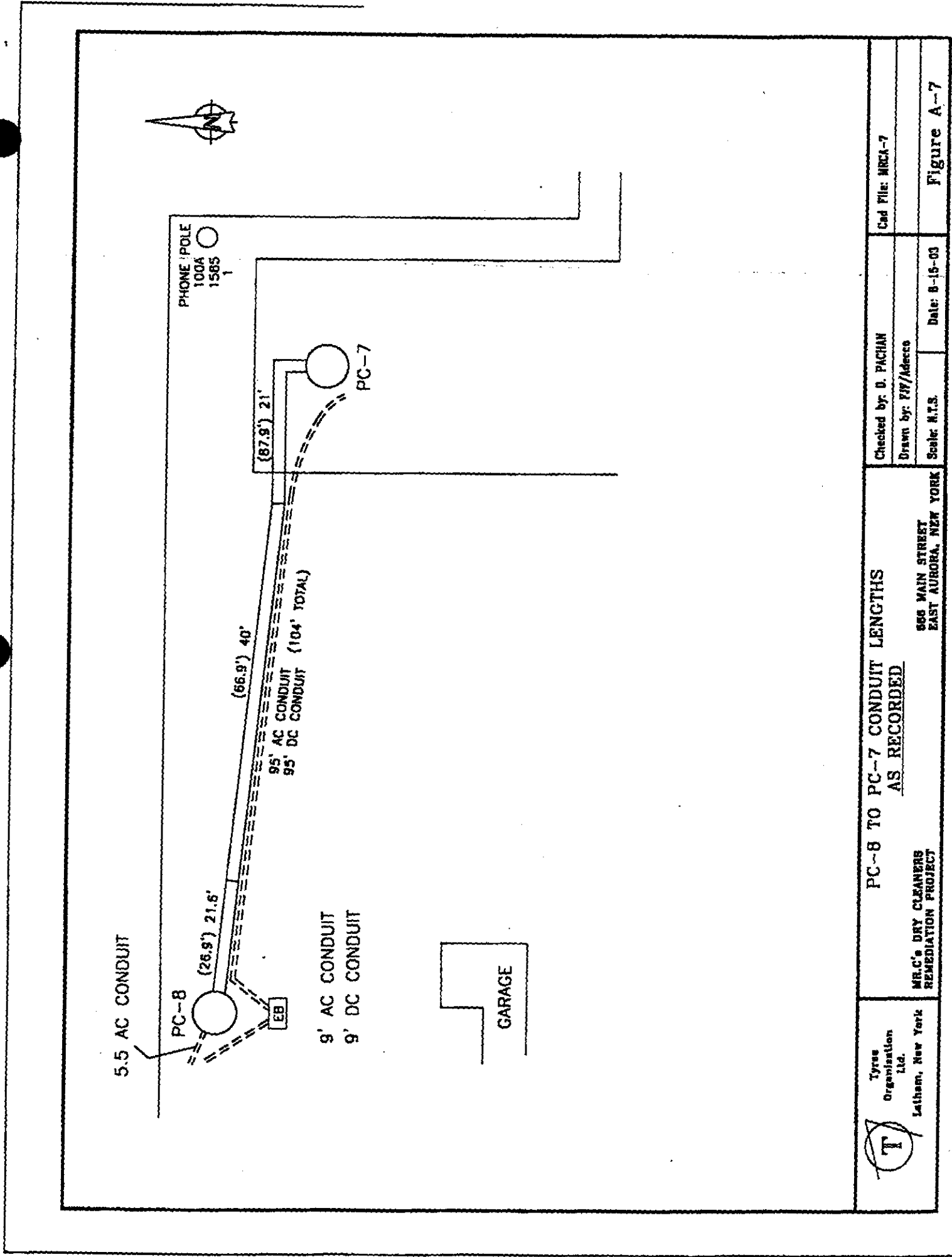
Scale: N.T.S.

File: A-4

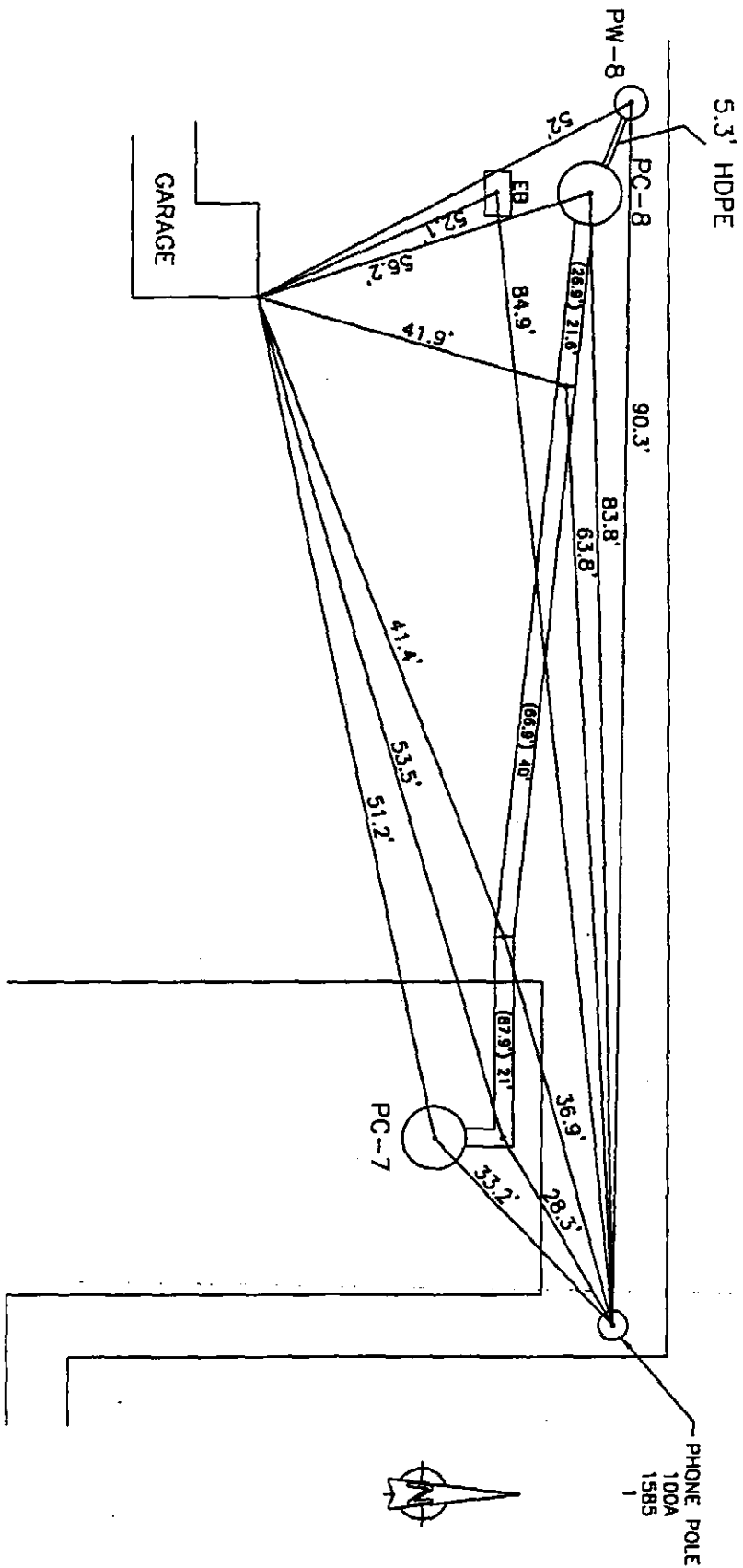


- 1 - 1" 90
- 2 - 1 1/2" COUPLING
- 1 - 1 1/2"-2" REDUCER
- 1 - 1" FEMALE ADAPTER
- 11 - CONCRETE BRICKS UNDER SLAB

 Tyree Organization Ltd. Latham, New York	ELECTRICAL BOX AND SLAB <u>AS RECORDED</u>		Checked by: D. PACHIAN	Cad File: MRCA-5
	MR.C's DRY CLEANERS REMEDATION PROJECT		Drawn by: FIF/Adecco	
	586 MAIN STREET EAST AURORA, NEW YORK		Scale: N.T.S.	Date: 8-15-03 Figure A-5



 Tyrone Organisation Ltd. Latham, New York	PC-8 TO PC-7 CONDUIT LENGTHS AS RECORDED	Checked by: D. PACHAN		Cad File: MRC-7
		Drawn by: FVW/Adesso		
		Scale: N.T.S.	Date: 8-15-03	Figure A-7
		866 MAIN STREET EAST AURORA, NEW YORK		
MRC's DRY CLEANERS REMEDICATION PROJECT				



5.3' HDPE

PHONE POLE

00A
085

PW-8

3

4

8

1

1

1

1

—

PC-8 TO PC-7 HDPE PIPE LOCATIONS

AS RECORDED

**MR.C.'s DRY CLEANERS
REMEDIATION PROJECT**

888 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

Drawn by: FJF/Adecco

Scale: N.T.S.

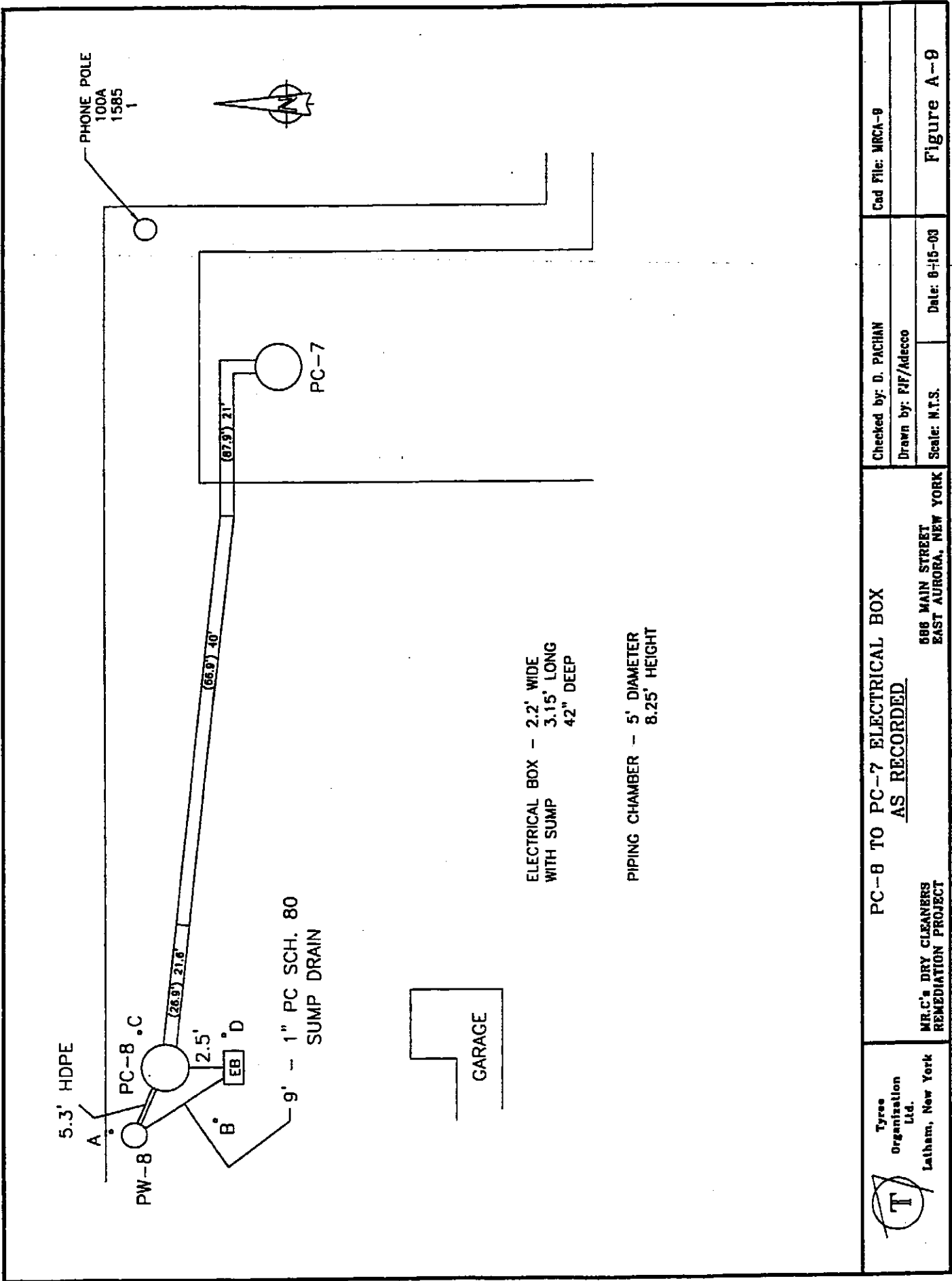
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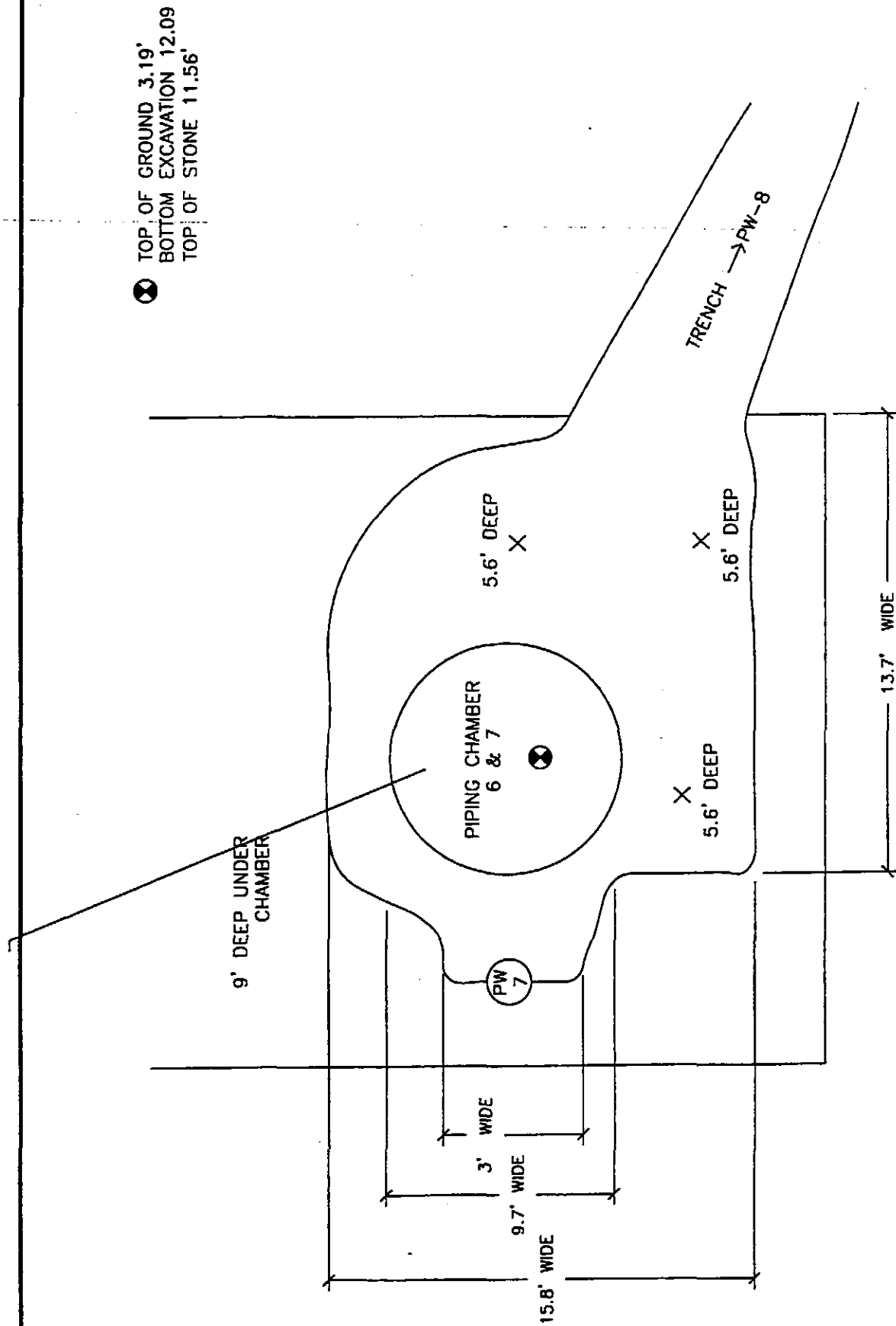
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File A-8

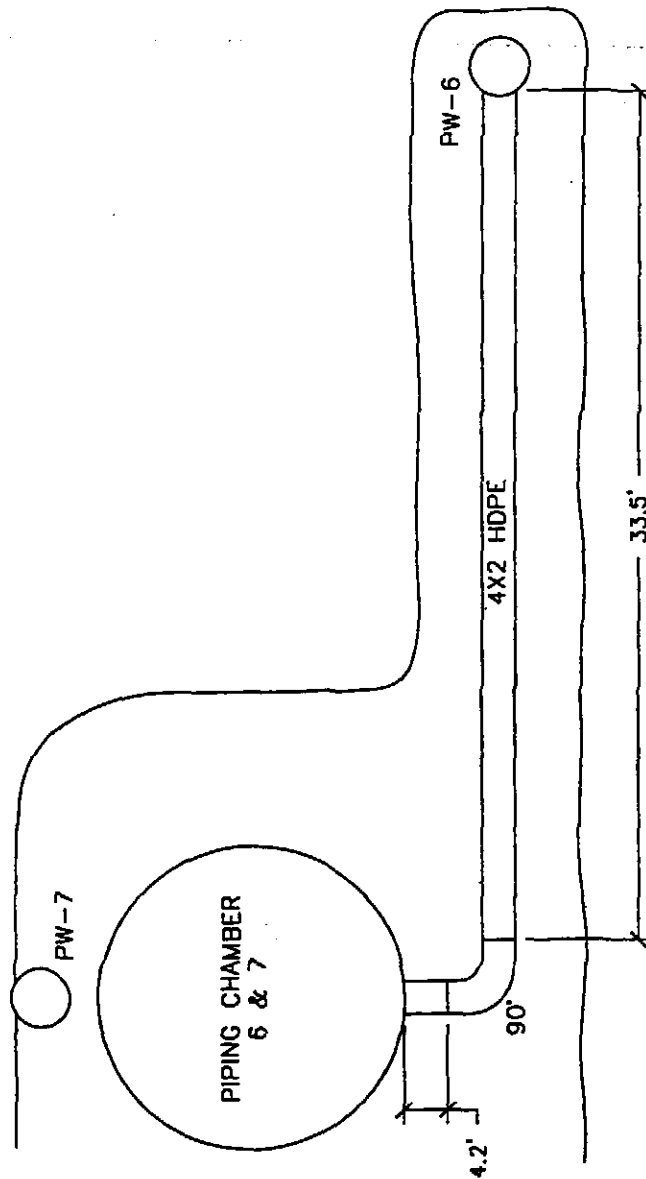
①

**Tyree
Organization
Ltd.
Latham, New York**





	Digging for Piping Chamber of PW-6 & PW-7 SET CHAMBER AS WELL		Checked by: D. PACHAN Drawn by: FJF/Adecco	Cad File: MRCB-1
	MR. C'S DRY CLEANERS REMEDIATION PROJECT		Date: 8-18-03	Figure B-1
	AS RECORDED 688 MAIN STREET EAST AURORA, NEW YORK			



Tyree
Organisation
Ltd.
Latham, New York

TRENCHING PIPING CHAMBER OF PW-7 TO PW-6
(TOP VIEW) SET CHAMBER AS WELL

MR. C'S DRY CLEANERS AS RECORDED
REMEDICATION PROJECT

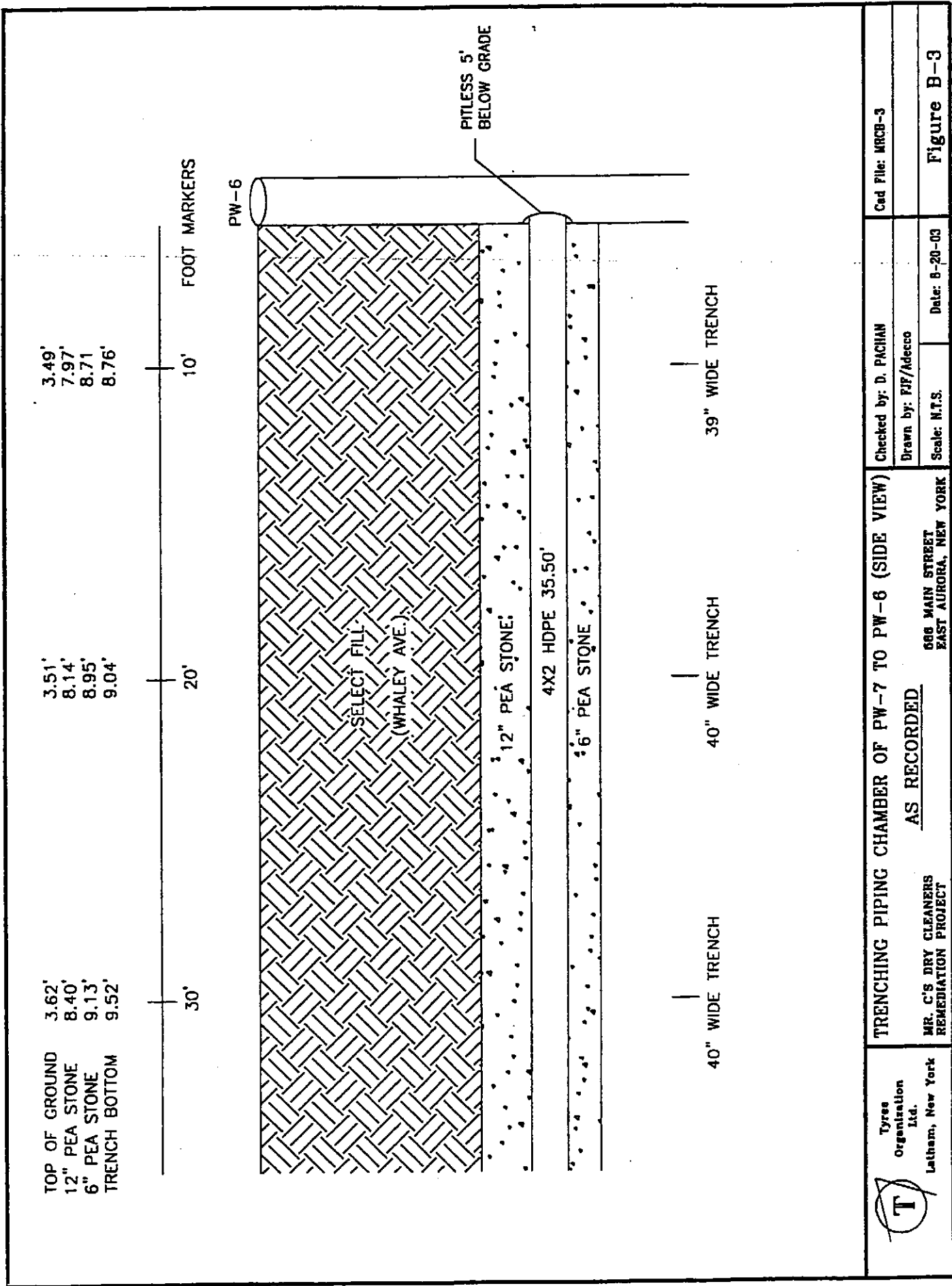
584 MAIN STREET
EAST AURORA, NEW YORK

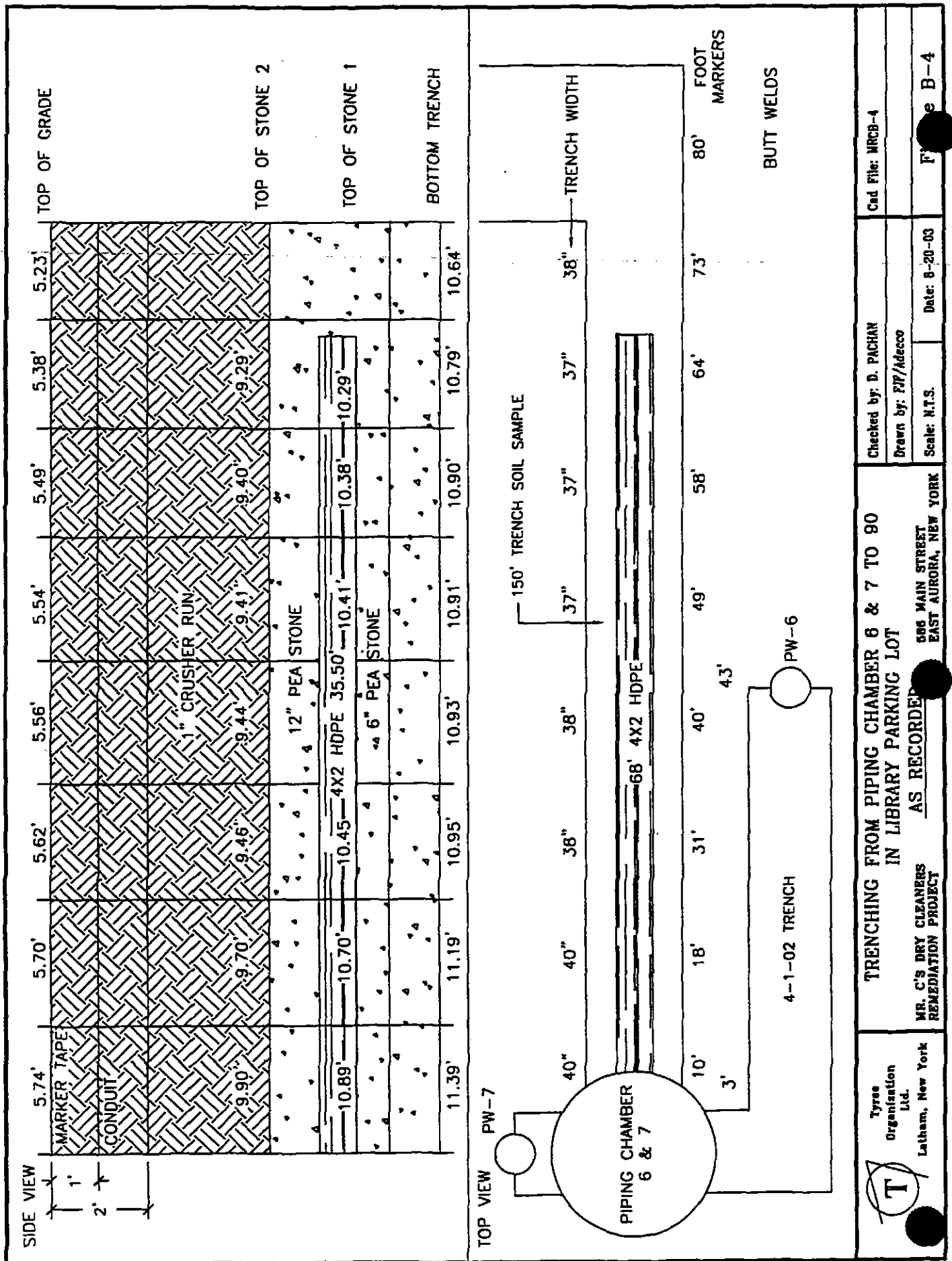
Checked by: D. PACIAN
Drawn by: EBF/Adecco

Scale: N.T.S. Date: 8-20-03

Cad File: MRCB-2

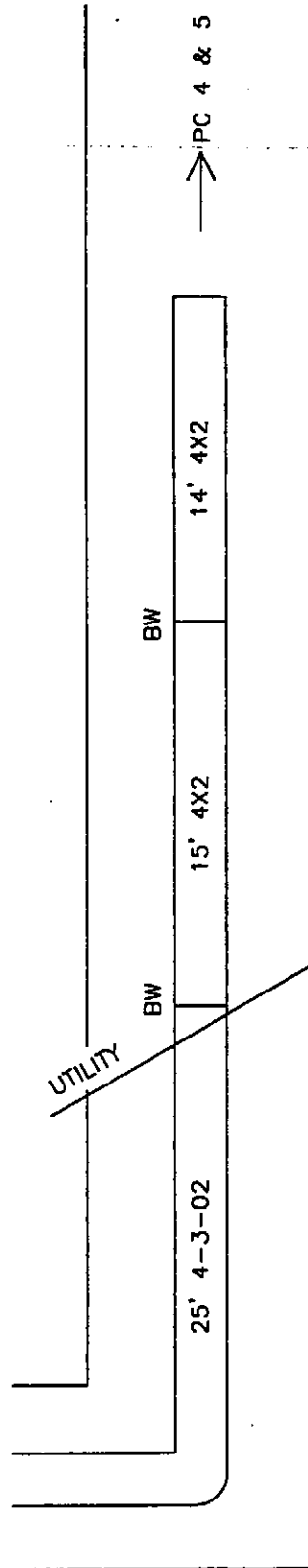
File B-2





MEASURED WITH TAPE - 6" STONE UNDER PIPE
 12" STONE ON TOP OF PIPE
 CONDUIT 2' DOWN
 MARKER TAPE 1' DOWN
 TRENCH 5'-6" DEEP

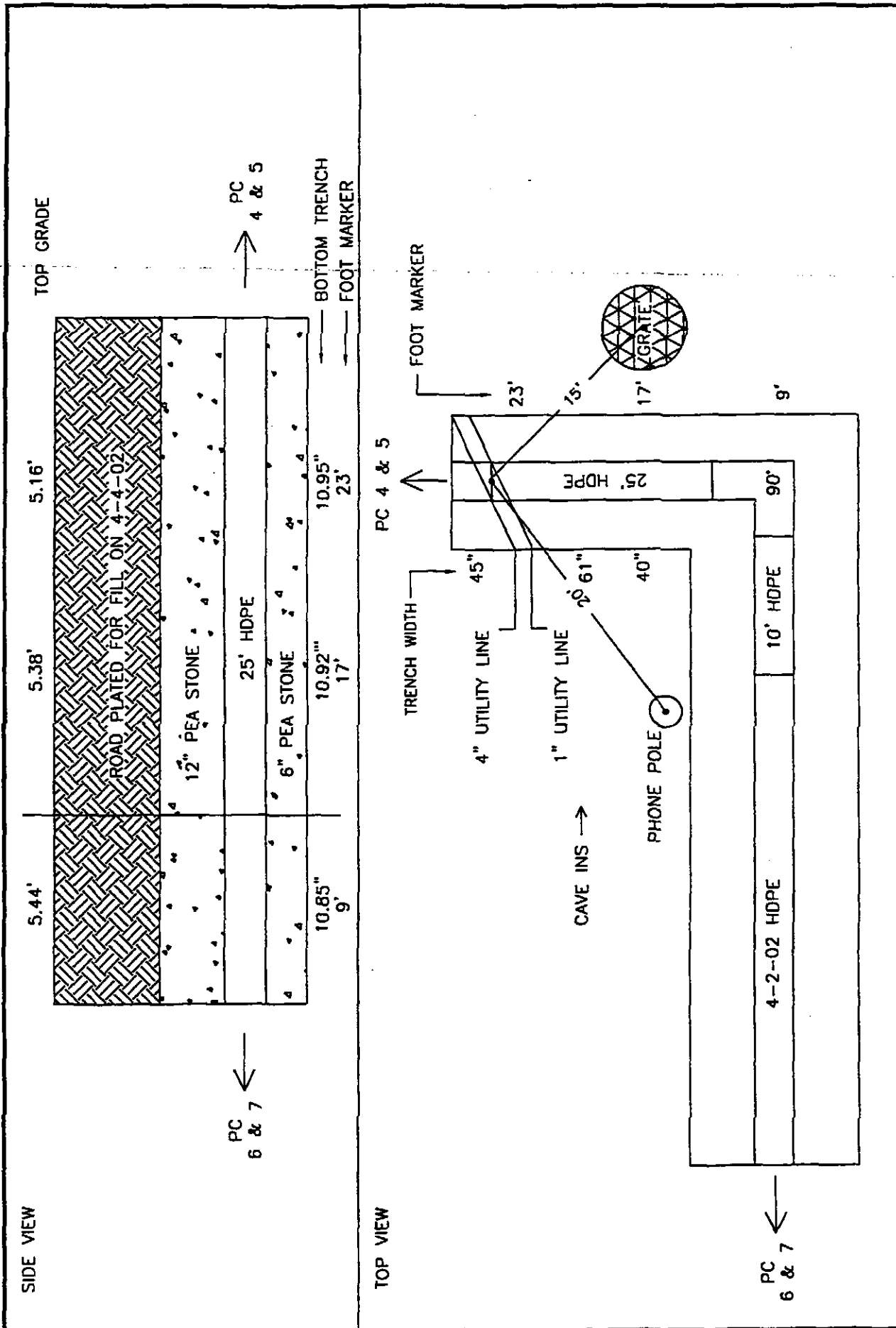
PC 6 & 7



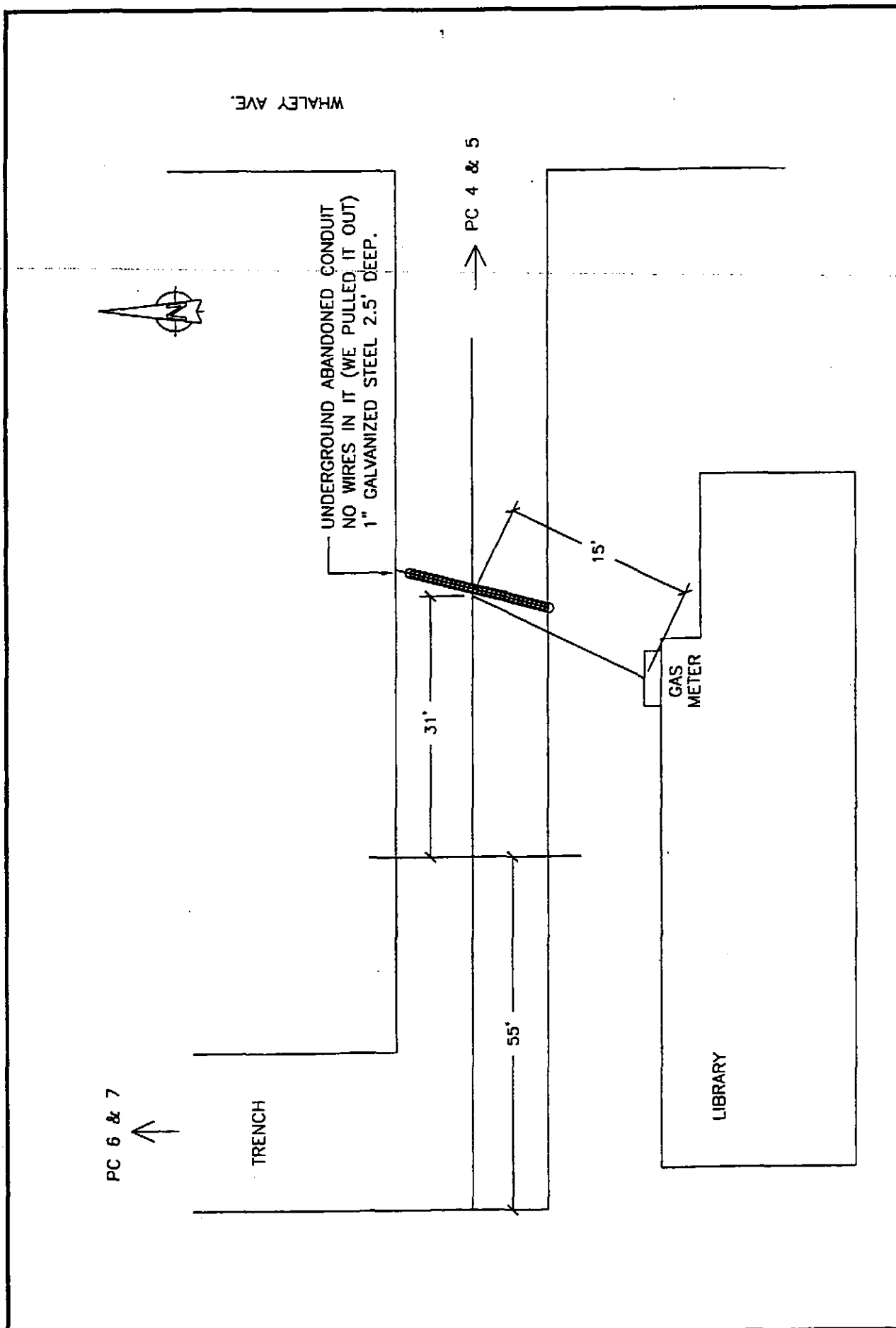
FOOT
 MARKERS
 68'
 42" TRENCH WIDTH
 DUE TO CAVE INS

BW = BUTT WELD

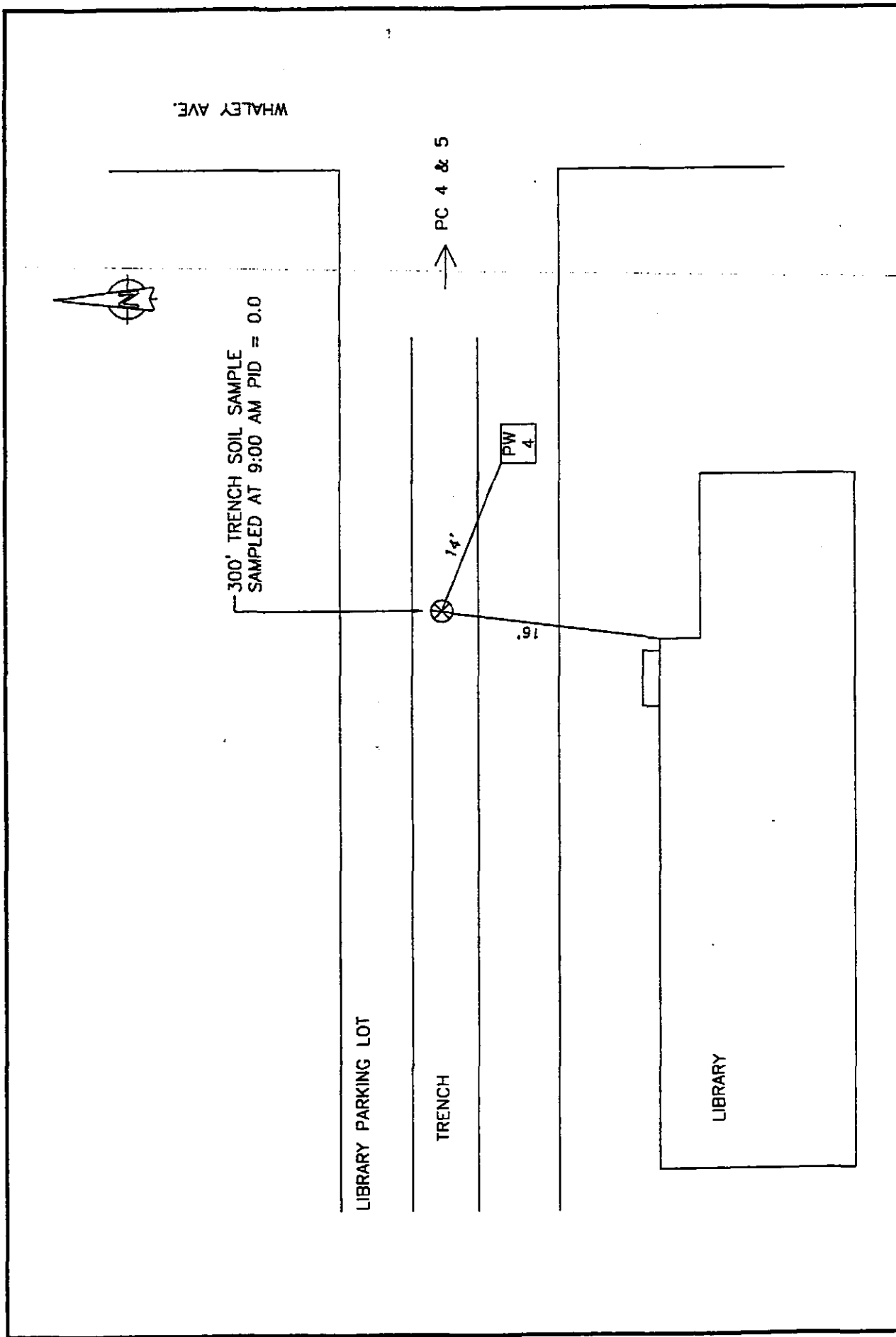
 Tyrce Organization Ltd. Latham, New York	TRENCHING FROM 90 TO PIPING CHAMBER OF 4 & 5 AS RECORDED		Checked by: D. PACHAN Drawn by: FJF/Adecco Scale: N.T.S.	Cad File: MRCB-6 Date: 8-20-03
	MR. C'S DRY CLEANERS REMEDIATION PROJECT 586 MAIN STREET EAST AURORA, NEW YORK		Figure B-5	



	TRENCHING FROM 90 TO PIPING CHAMBER 4 & 5 AS RECORDED			Checked by: D. PACHAN	Cad File: MRCB-6
	MR. C'S DRY CLEANERS REMEDICATION PROJECT			Drawn by: FIF/Adecco	
	886 MAIN STREET EAST AURORA, NEW YORK			Scale: N.T.S.	Date: 8-20-03
					File: B-6

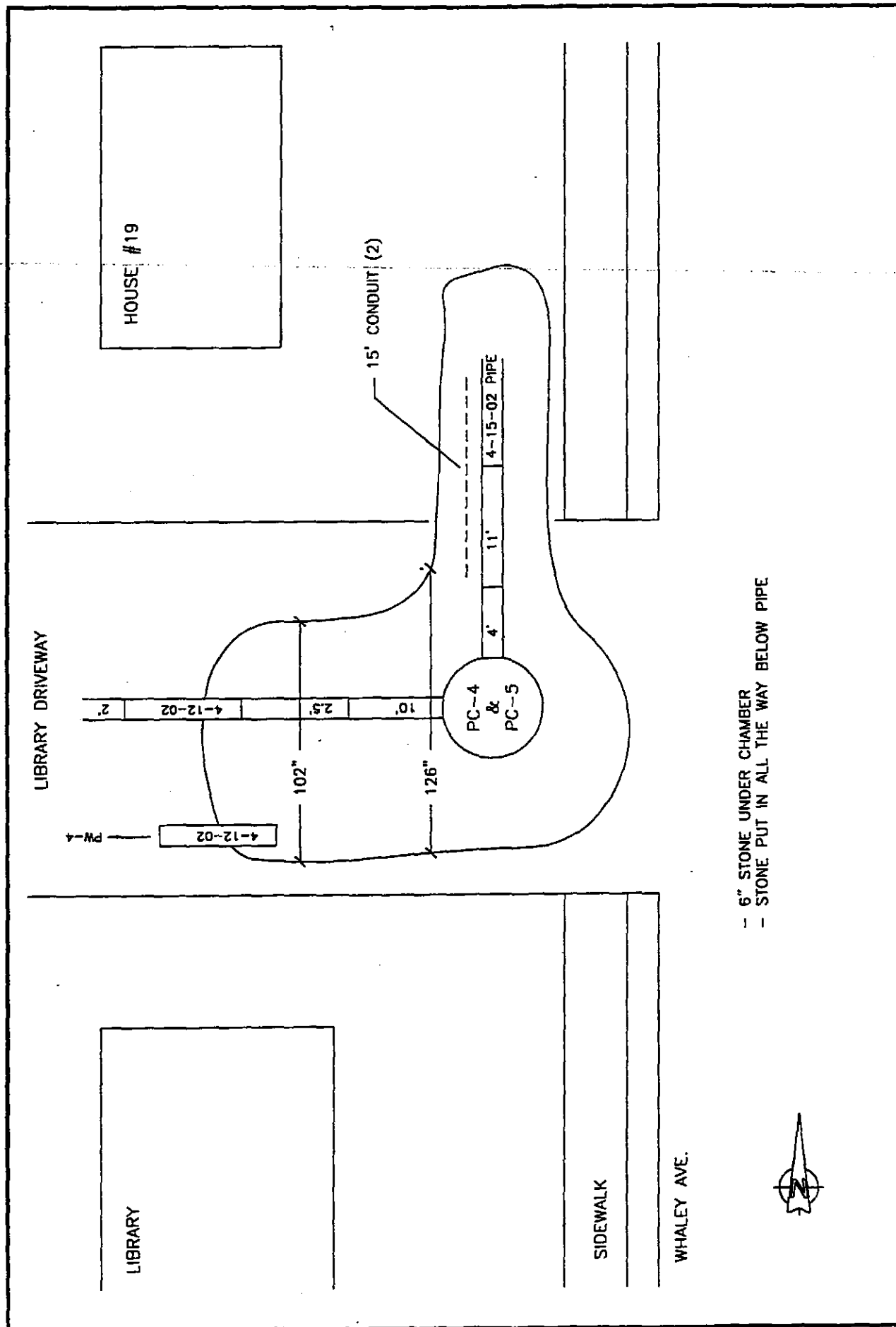


 Tyrec Organization Ltd. Latham, New York	ABANDONED CONDUIT AS RECORDED	Checked by: D. PACHAN		Cad File: MRCB-7
		Drawn by: FJF/Adecco		
		MR. C'S DRY CLEANERS REMEDICATION PROJECT	666 MAIN STREET EAST AURORA, NEW YORK	Scale: N.T.S.

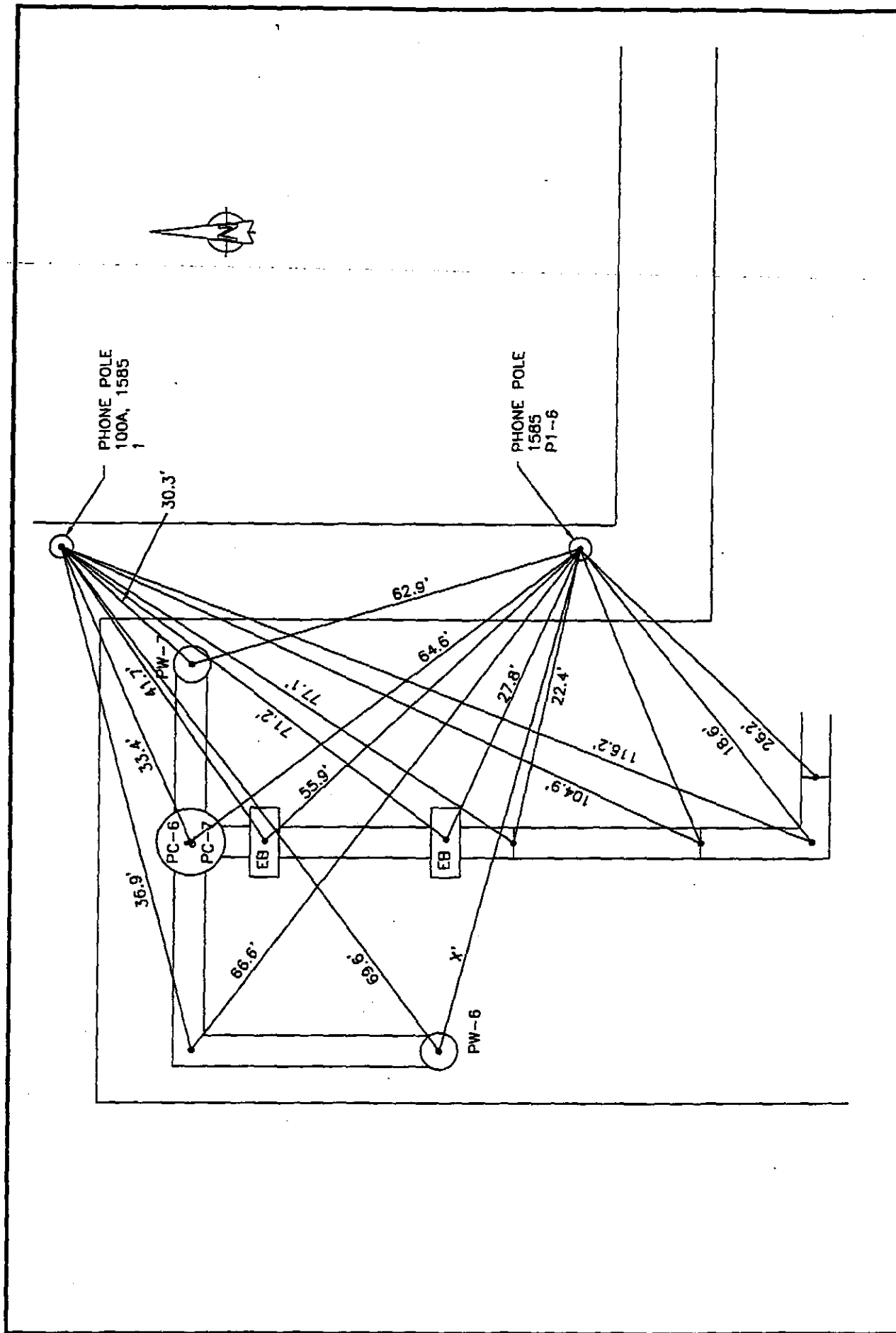


 Tyree Organization Ltd. Latham, New York	300' TRENCH SOIL SAMPLE AS RECORDED		Checked by: D. PACHAN Drawn by: FJP/Adecco	Cad File: MRCB-9
	MR. C'S DRY CLEANERS REMEDIATION PROJECT		Scale: N.T.S.	Date: 8-20-03
	888 MAIN STREET EAST AURORA, NEW YORK		Figure B-9	

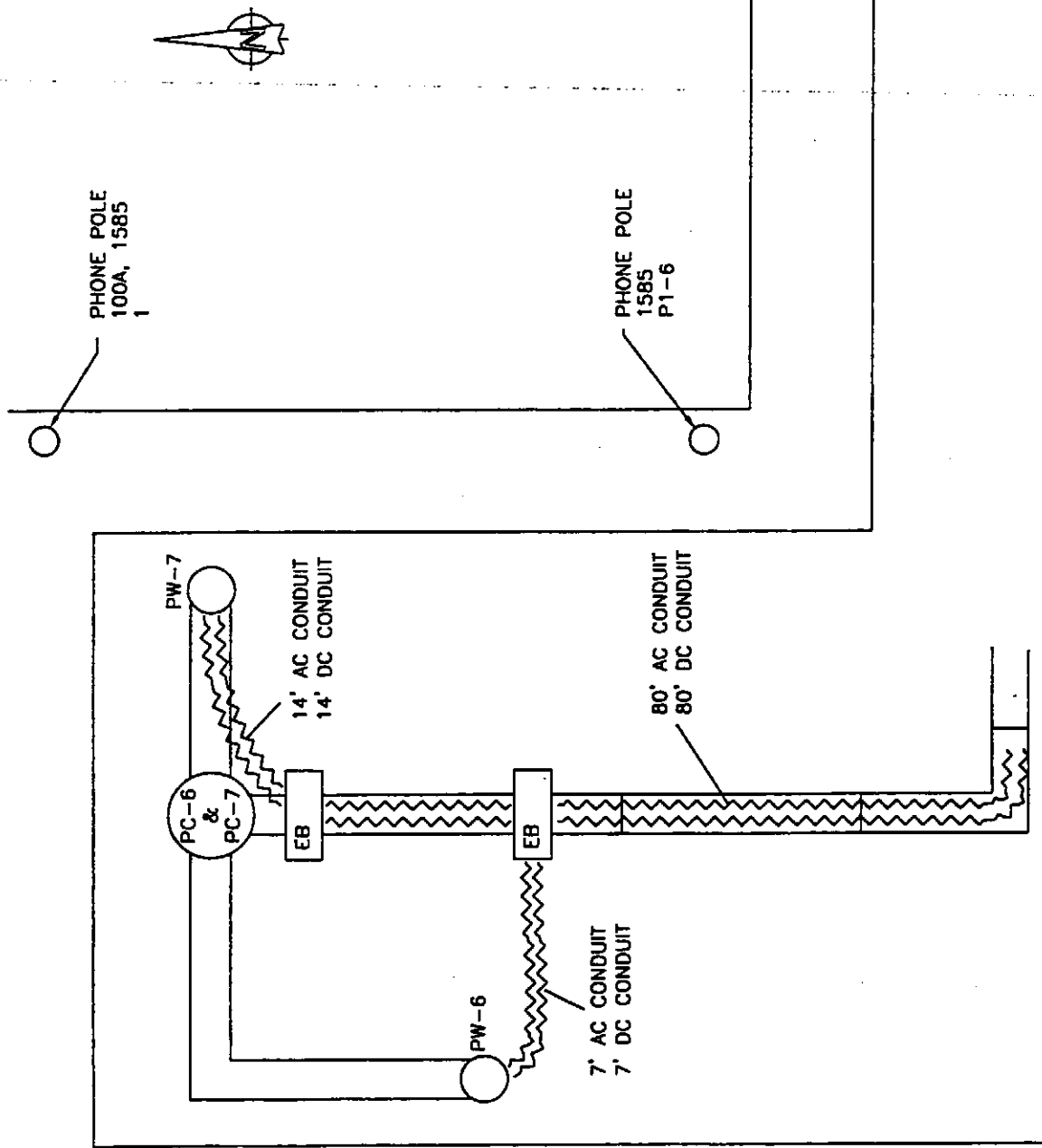
 Tyres Organisation Ltd. Latham, New York	TRENCHING ALONG LIBRARY TO WHALEY AVE. AS RECORDED		Checked by: D. PACHAN	Cad File: MRCB-10
			Drawn by: FJF/Adecco	
	MR. C'S DRY CLEANERS REHABILITATION PROJECT		Scale: N.T.S.	Date: 8-20-03
	888 MAIN STREET EAST AURORA, NEW YORK			File: B-10



	Tyres Organisation Ltd. Latham, New York	PIPING CHAMBER 4 & 5 AS RECORDED	MR. C'S DRY CLEANERS REMEDICATION PROJECT
Checked by: D. PACHAN Drawn by: FJP/Idecto	Date: 8-18-03	556 MAIN STREET EAST AURORA, NEW YORK	Date: 8-18-03
Cad File: MRCB-11	Scale: N.T.S.	Figure B-11	



T Tyree Organisation Ltd. Latham, New York	PC-6 AND PC-7 HDPE PIPE LOCATIONS <u>AS RECORDED</u>			Checked by: D. PACHAN	Cad File: MRCB-13
	MR. C'S DRY CLEANERS REMEDICATION PROJECT			Drawn by: PJF/Adecco	
				Scale: N.T.S.	Date: 8-18-03
				886 MAIN STREET EAST AURORA, NEW YORK	
Figure B-13					



Tyree
Organization
Ltd.
Latham, New York

PC-6 AND PC-7 CONDUIT LENGTHS AS RECORDED

MR. C'S DRY CLEANERS
REMEDATION PROJECT

588 MAIN STREET
EAST AURORA, NEW YORK

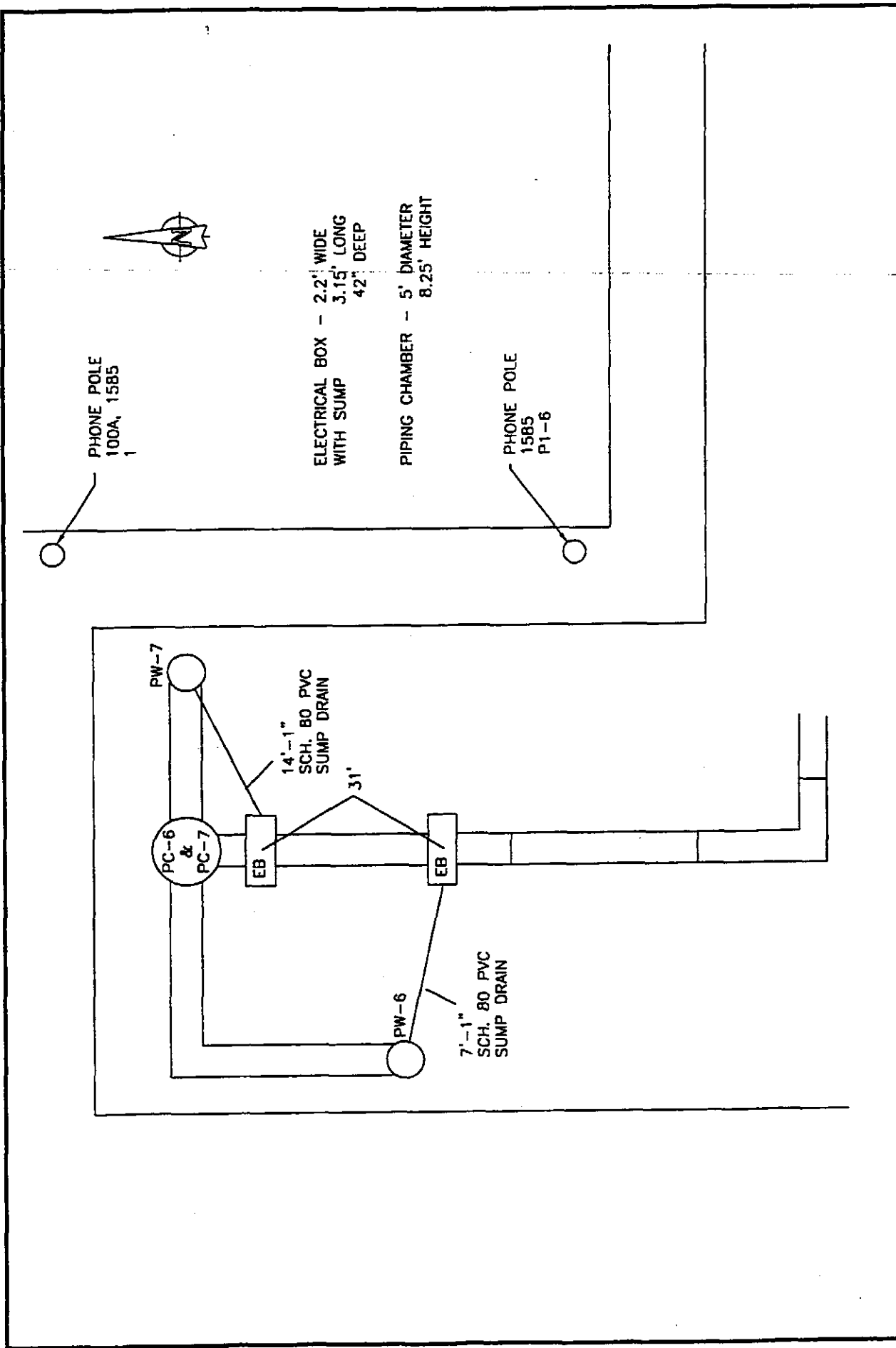
Checked by: D. PACHAN
Drawn by: FJP/Adecco

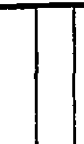
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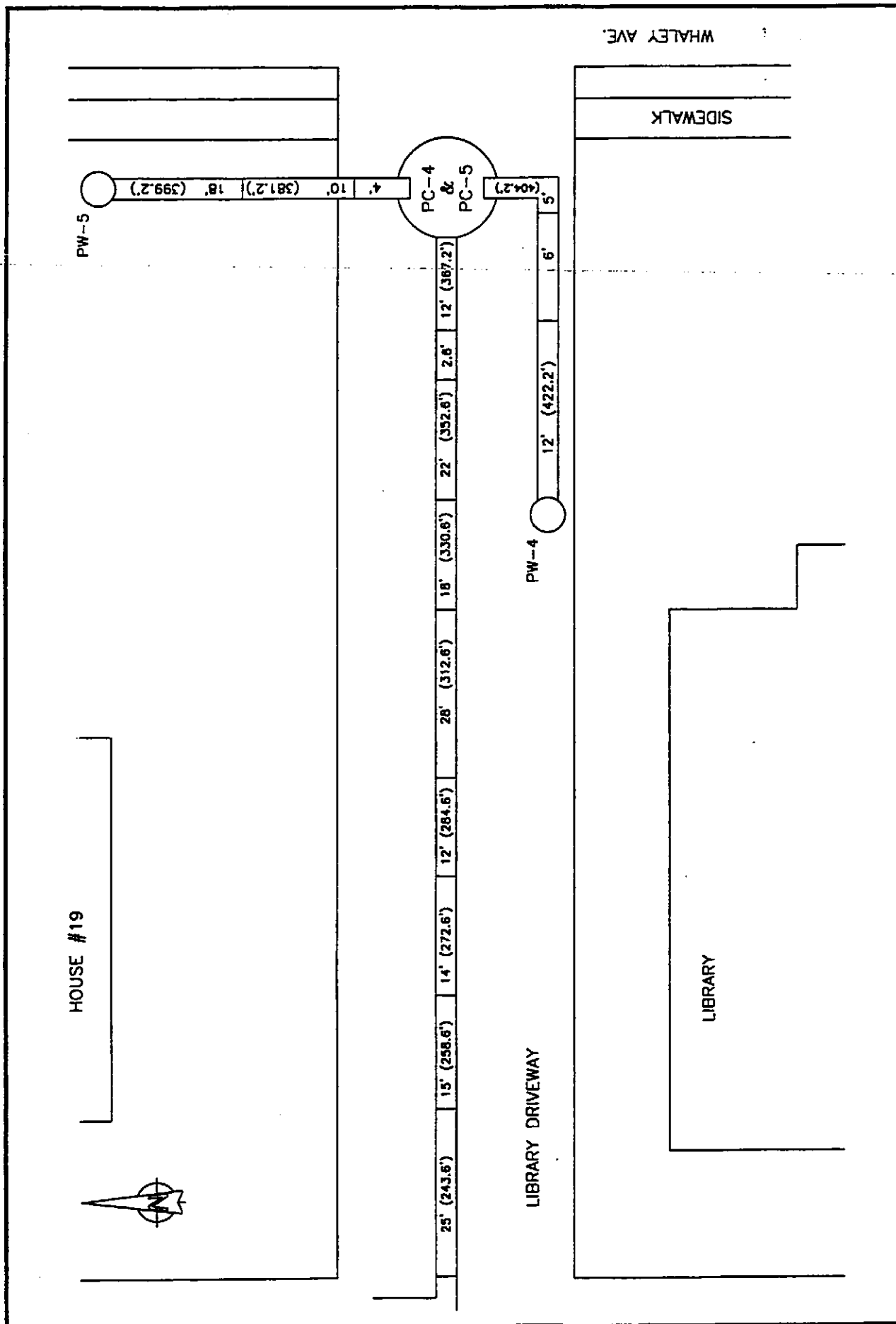
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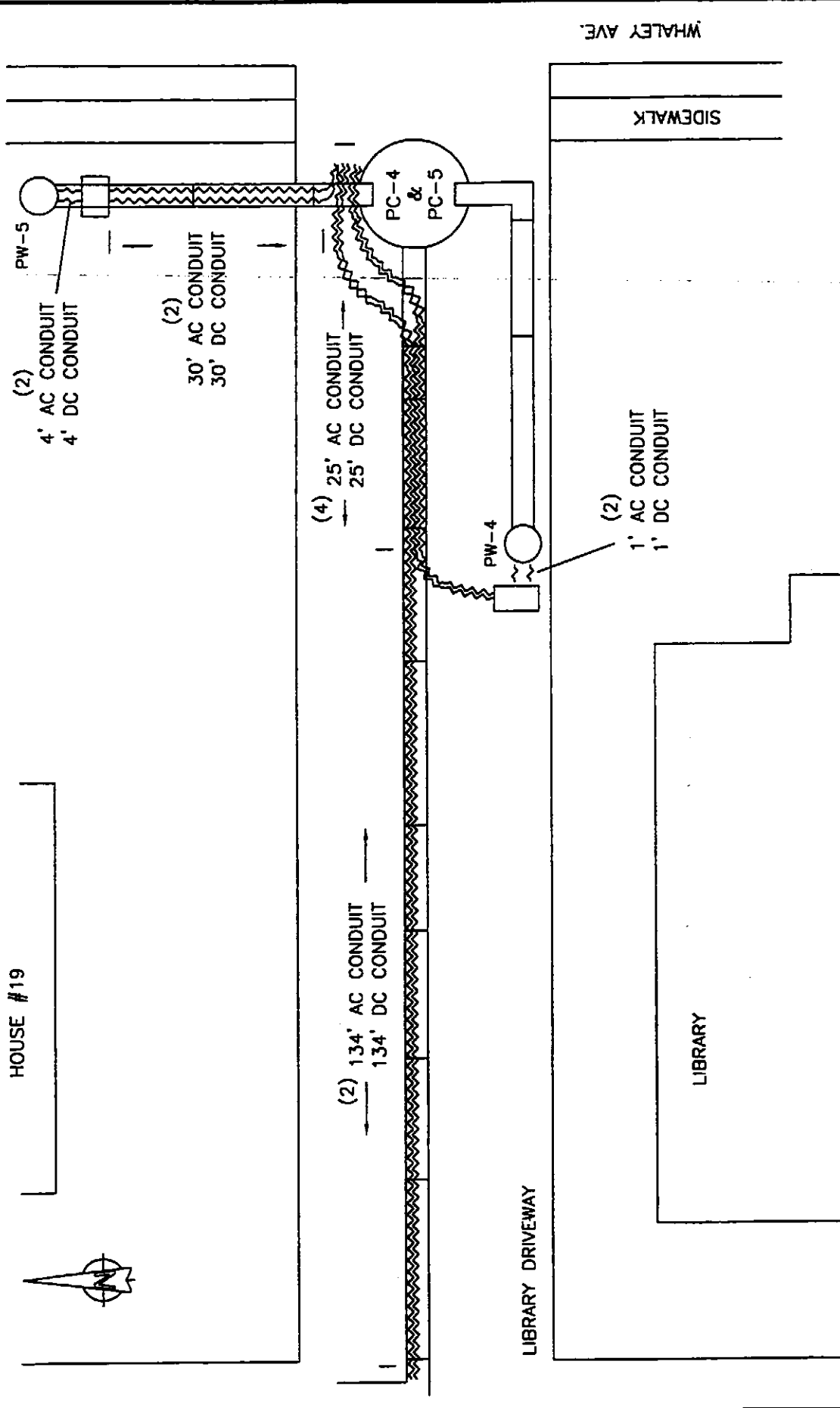
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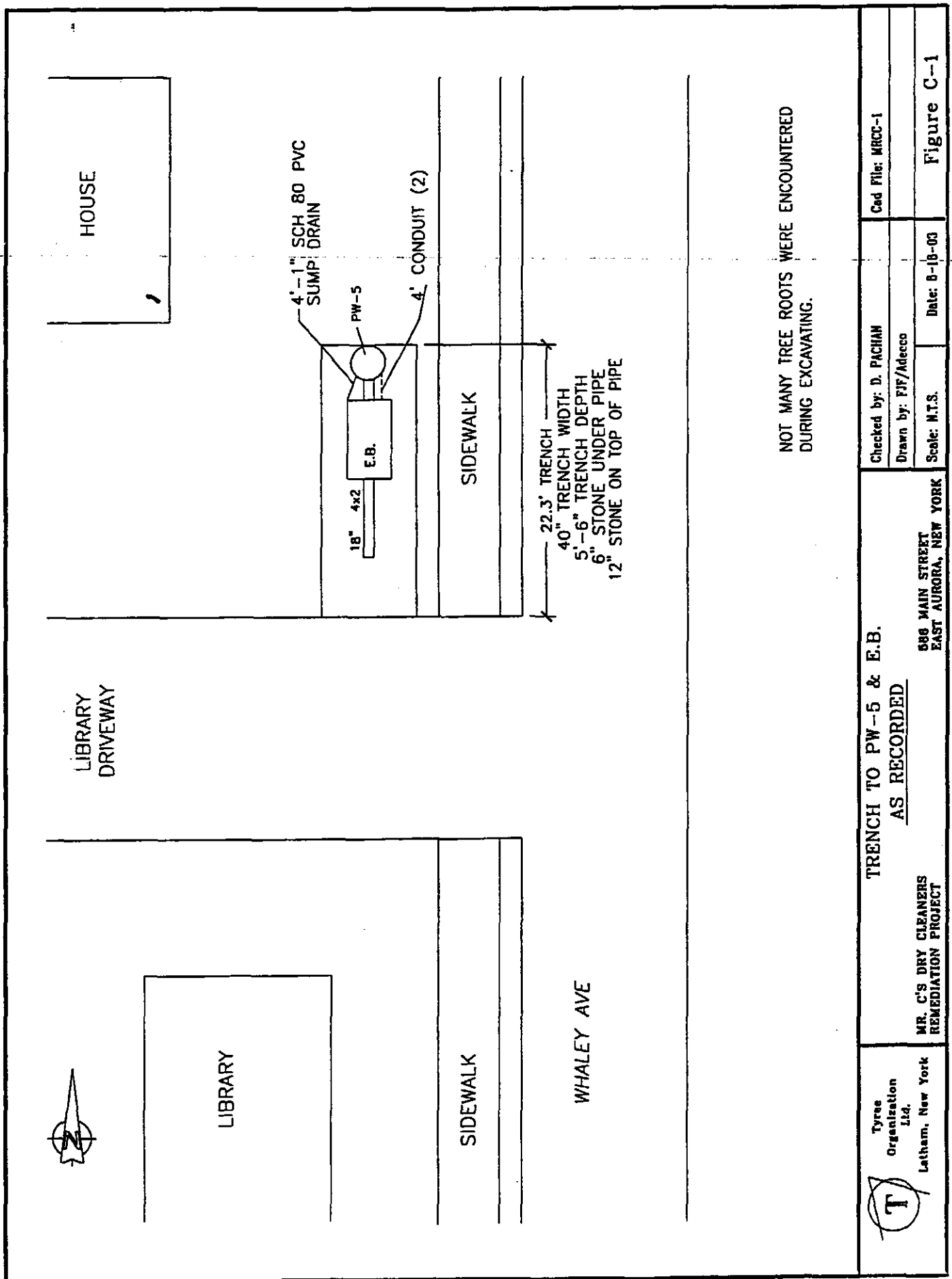
	MR. C'S DRY CLEANERS REMEDICATION PROJECT	PC-6 AND PC-7 ELECTRICAL SUMP DRAIN AS RECORDED	086 MAIN STREET EAST AURORA, NEW YORK
Tyree Organization Ltd. Latham, New York	Checked by: D. PACHAN Drawn by: FIF/Adecco Scale: N.T.S.	Date: 8-18-03	Cad File: MRCB-15 Figure B-15



 Tyres Organisation Ltd. Latham, New York	PC-4 AND PC-5 HDPE PIPE LENGTHS 4x2 AS RECORDED		Checked by: D. PACHAN Drawn by: FJF/Adecco Scale: N.T.S.	Cad File: MRCP-16
	MR. C'S DRY CLEANERS REMEDIATION PROJECT		Date: 8-16-03	File: B-16

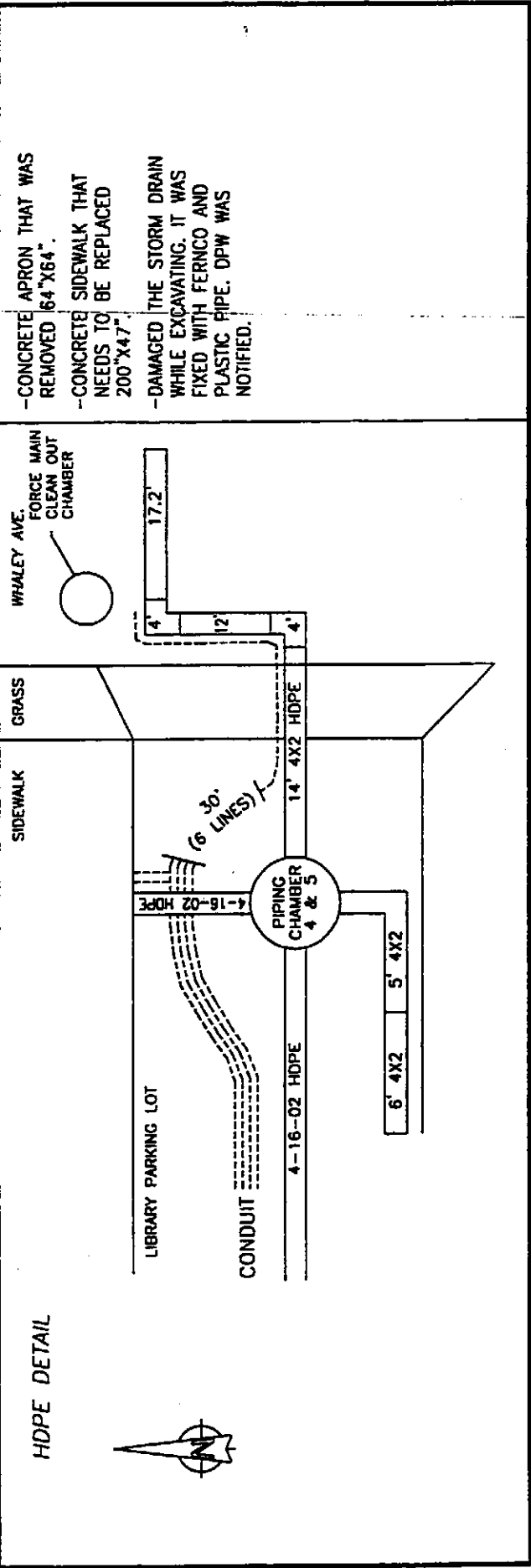
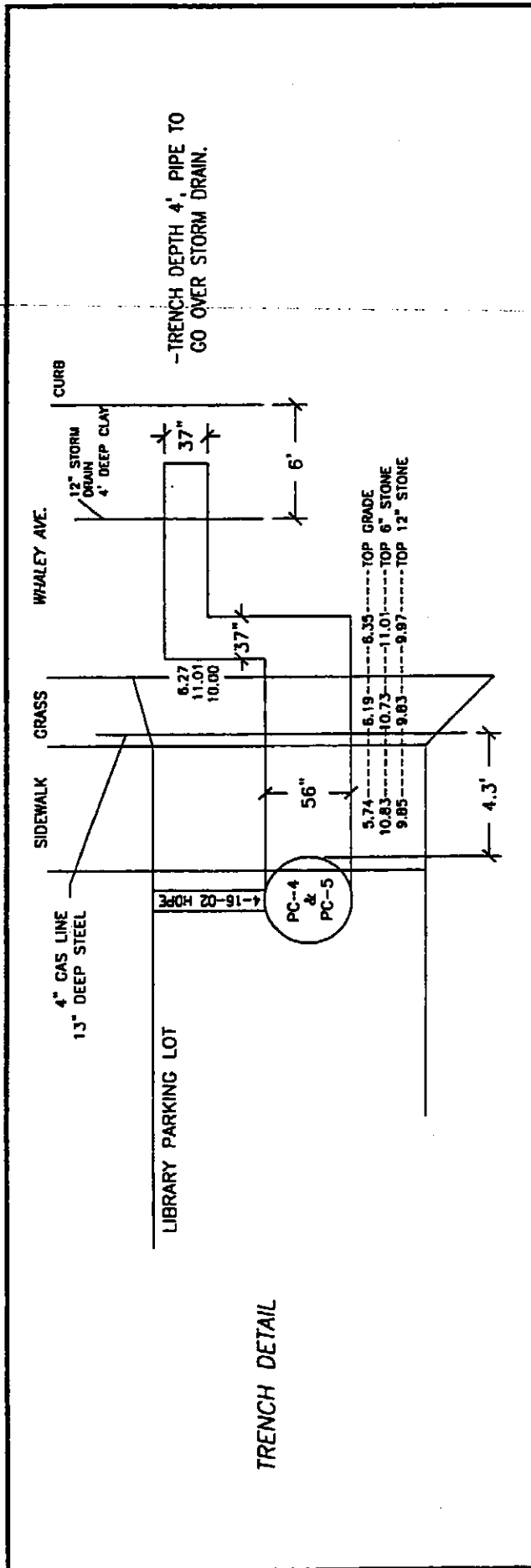


 Tyree Organization Ltd. Latham, New York	PC-4 AND PC-5 CONDUIT LENGTHS <u>AS RECORDED</u>	Checked by: D. PACHAN	Cad File: MRCB-18
	MR. C'S DRY CLEANERS REMEDATION PROJECT	Drawn by: FJF/Adecco.	
		Scale: N.T.S.	Date: 8-18-03
688 MAIN STREET EAST AURORA, NEW YORK		Figure B-18	



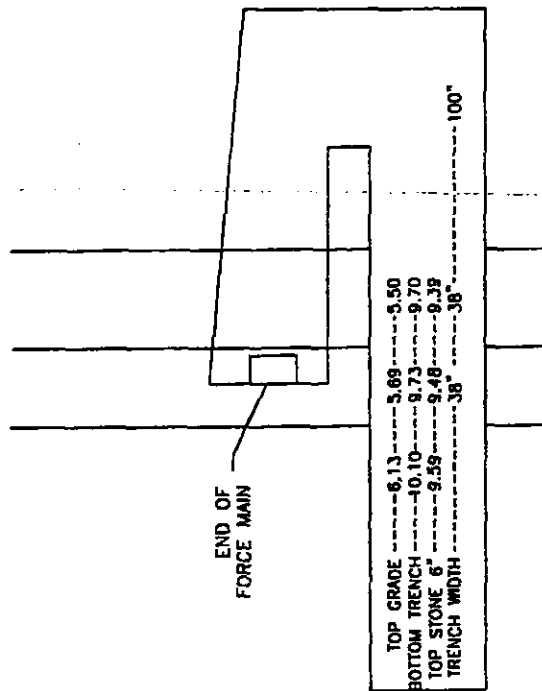
NOT MANY TREE ROOTS WERE ENCOUNTERED DURING EXCAVATING.

 Tyree Organization Ltd. Latham, New York	TRENCH TO PW-5 & E.B.		Checked by: D. PACHAM	Cad File: MRCC-1
	AS RECORDED		Drawn by: FJF/Adecco	
MR. C'S DRY CLEANERS REMEDIATION PROJECT		686 MAIN STREET EAST AURORA, NEW YORK		Date: 8-18-03
		Scale: N.T.S.		Figure C-1

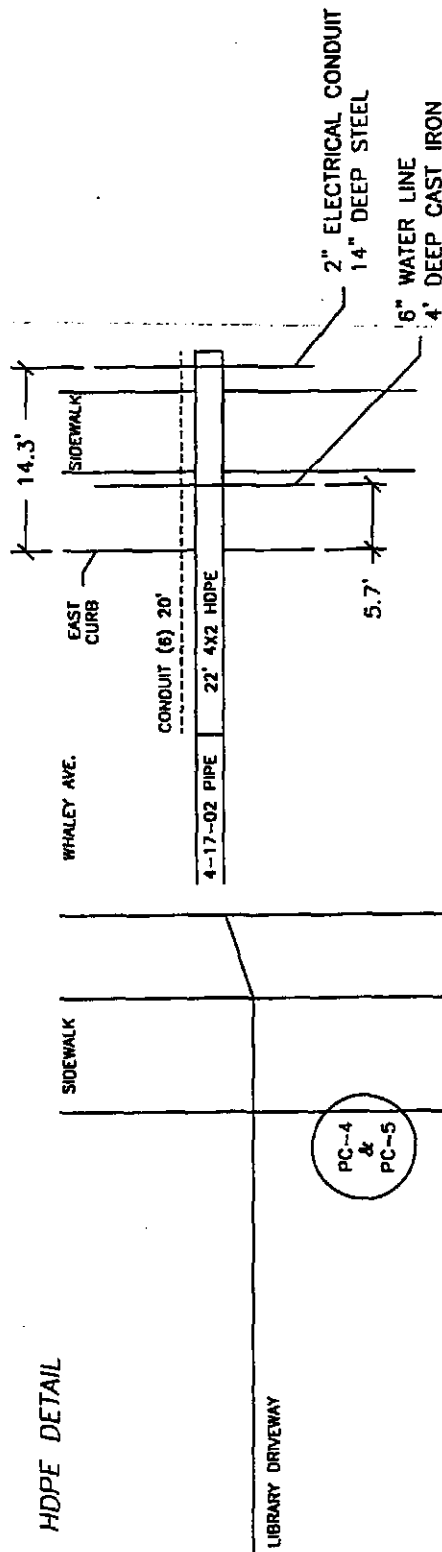


	TRENCHING ACROSS WHALEY AVE.		Checked by: D. PACHAN	Cad File: MRCC-2
	AS RECORDED		Drawn by: FJP/Adcco	
MR. C'S DRY CLEANERS REMEDATION PROJECT	586 MAIN STREET EAST AURORA, NEW YORK		Scale: N.T.S.	Date: 8-18-03
				FIG C-2

TRENCH DETAIL



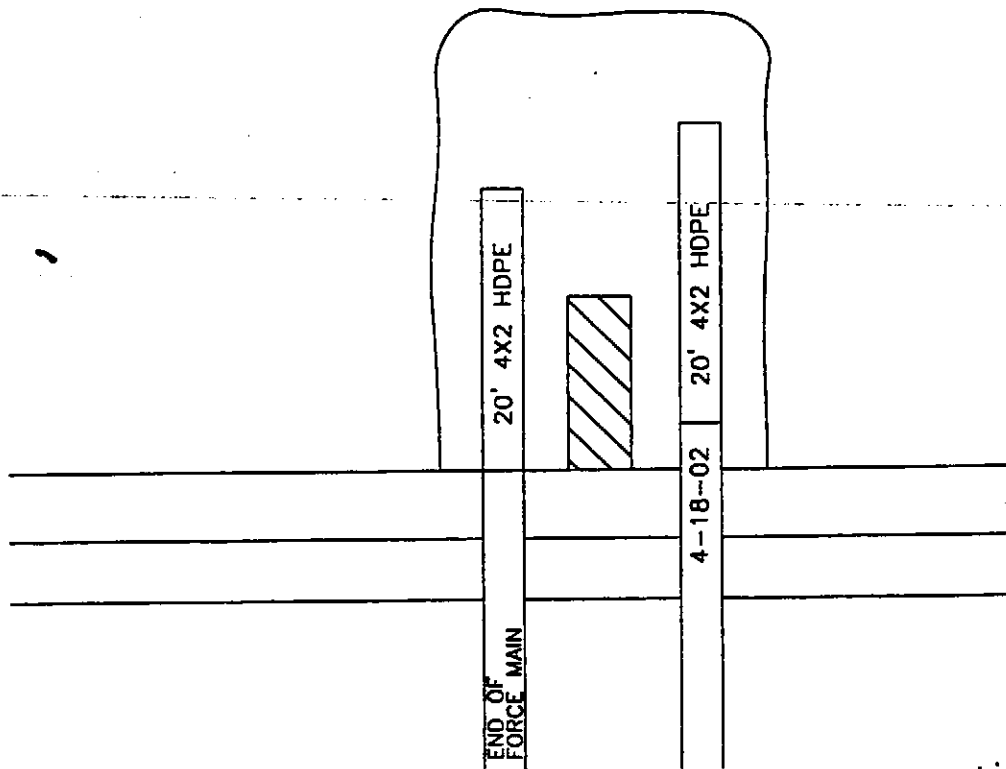
HDPE DETAIL



 Tyres Organization Ltd. Latham, New York	FINISH WHALEY AVE. TRENCH		Checked by: D. PACHAN	Cad File: MRCC-3
	AS RECORDED		Drawn by: PJP/Adcco	
	MR. C'S DRY CLEANERS REMEDICATION PROJECT		Scale: N.T.S.	Date: 8-18-03
	588 MAIN STREET EAST AURORA, NEW YORK			Figure C-3



FORCE MAIN
CLEAN OUT
CHAMBER



WHALEY AVE.

Tyrone
Organization
Ltd.
Latham, New York



TRENCH EAST SIDE OF WHALEY AVE. CURB

AS RECORDED

MR. C'S DRY CLEANERS
REMEDICATION PROJECT

586 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

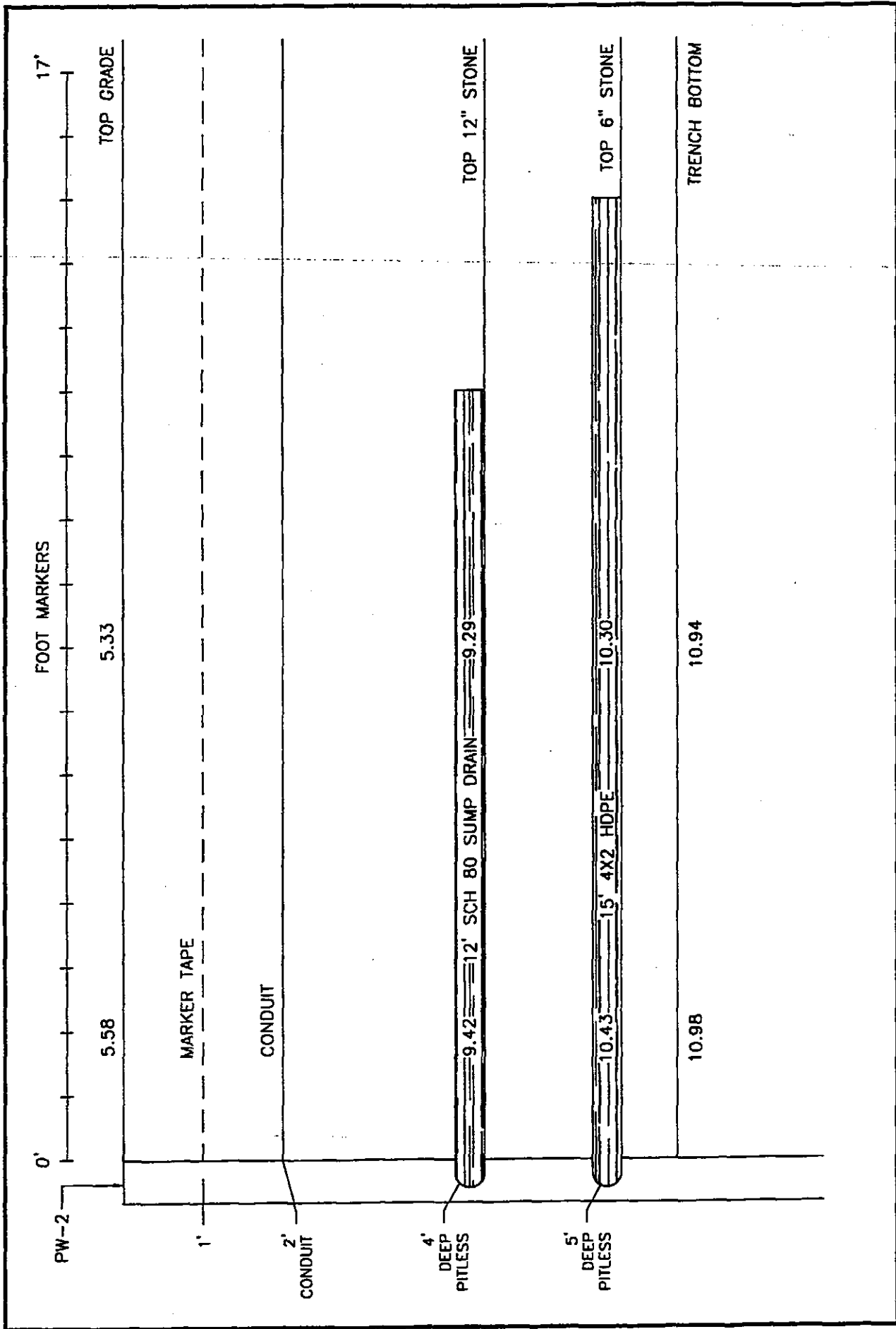
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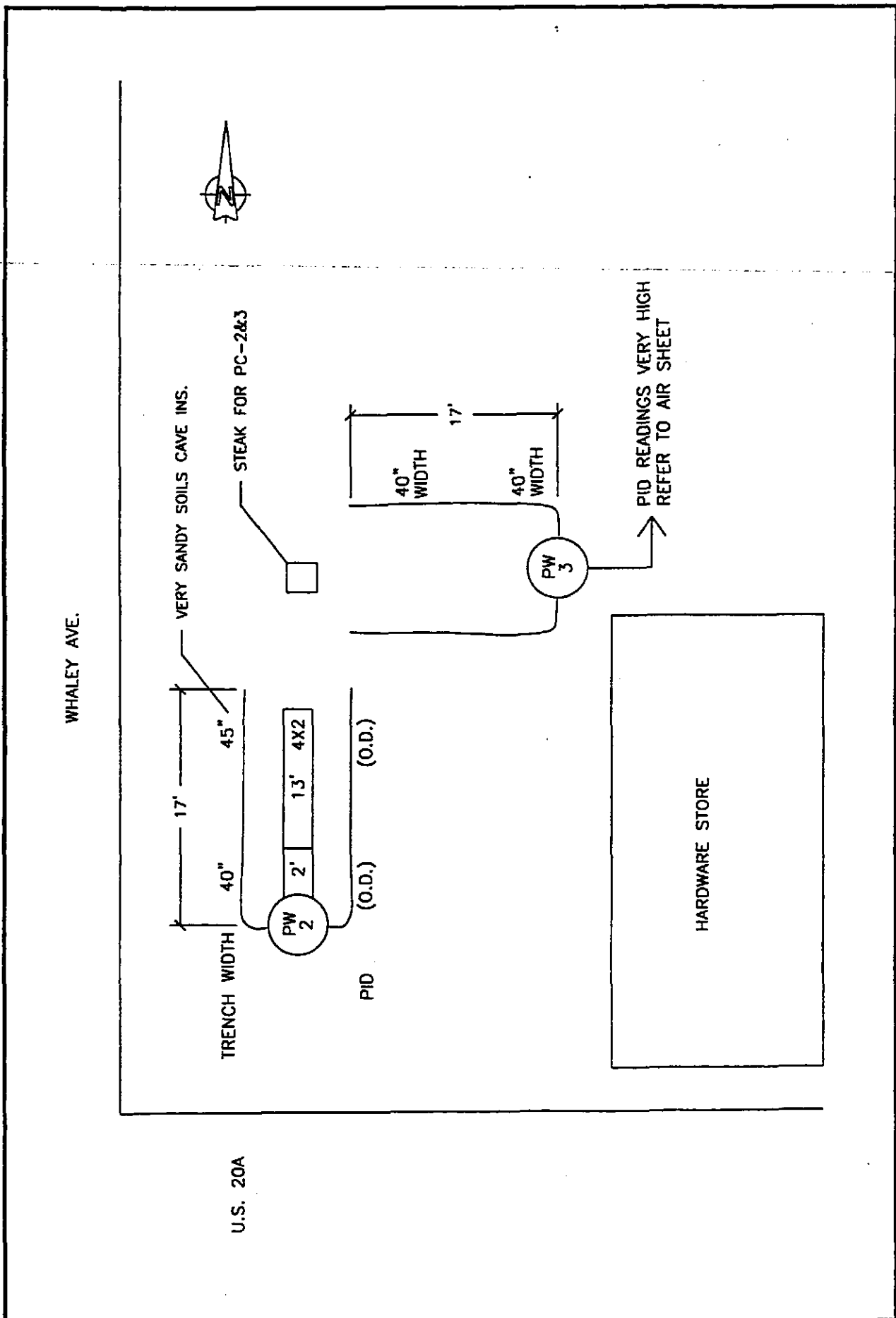
Date: 8-18-03

Cad File: MRCC-4

Fi C-4

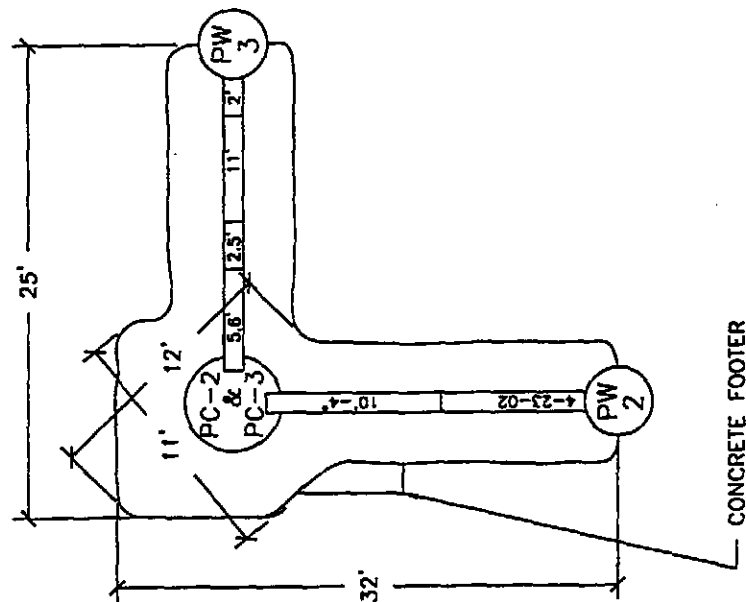


Tyrec Organization Ltd. Latham, New York	TRENCH DETAIL PW-2		Checked by: D. PACHAN	Cad File: URCC-5
	AS RECORDED		Drawn by: FIF/Adecco	
	MR. C'S DRY CLEANERS REMEDIATION PROJECT		Scale: N.T.S.	Date: 8-18-03
		588 MAIN STREET EAST AURORA, NEW YORK		
		Figure C-5		



 Tyree Organization Ltd. Latham, New York	MR. C'S DRY CLEANERS REMEDATION PROJECT 506 MAIN STREET EAST AURORA, NEW YORK TRENCHING PW-2 & PW-3 AS RECORDED Checked by: D. PACHAN Drawn by: FIF/Adesso Scale: M.T.S. Date: 8-18-03 Cad File: MRCC-6 FL C-6

WHALEY AVE.



PIPING CHAMBER - 8'-4" TALL
DEPTH OF HOLE - 9'
6" STONE UNDER P.C.

Tyres
Organisation
Ltd.
Latham, New York

PC-2 & PC-3 TRENCH AND PIPING CHAMBER

AS RECORDED

MR. C'S DRY CLEANERS
REMEDICATION PROJECT

588 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

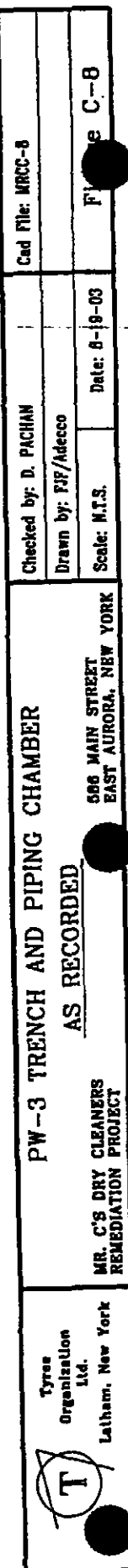
Drawn by: FIF/Adecco

Scale: N.T.S.

Date: 8-18-03

Cad File: WRCC-7

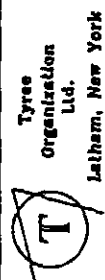
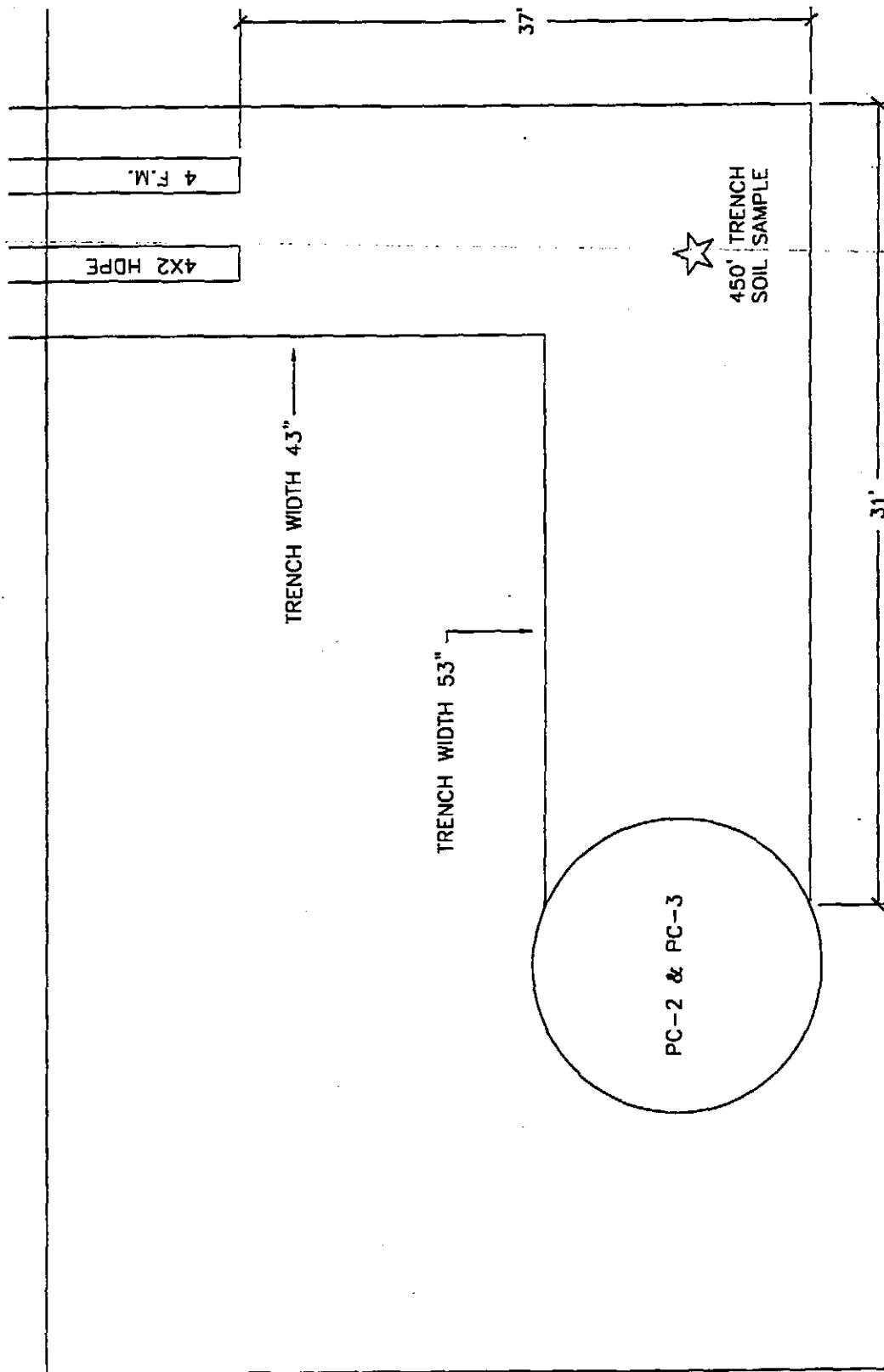
Figure C-7





WHALEY AVE.

MAIN ST.



Tyree
Organization
Ltd.
Latham, New York

TRENCH FROM PC-2 & 3 AND FROM WHALEY AVE TO T.
☆ 450' TRENCH SAMPLE
MR. C'S DRY CLEANERS
REMEDICATION PROJECT
AS RECORDED
886 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

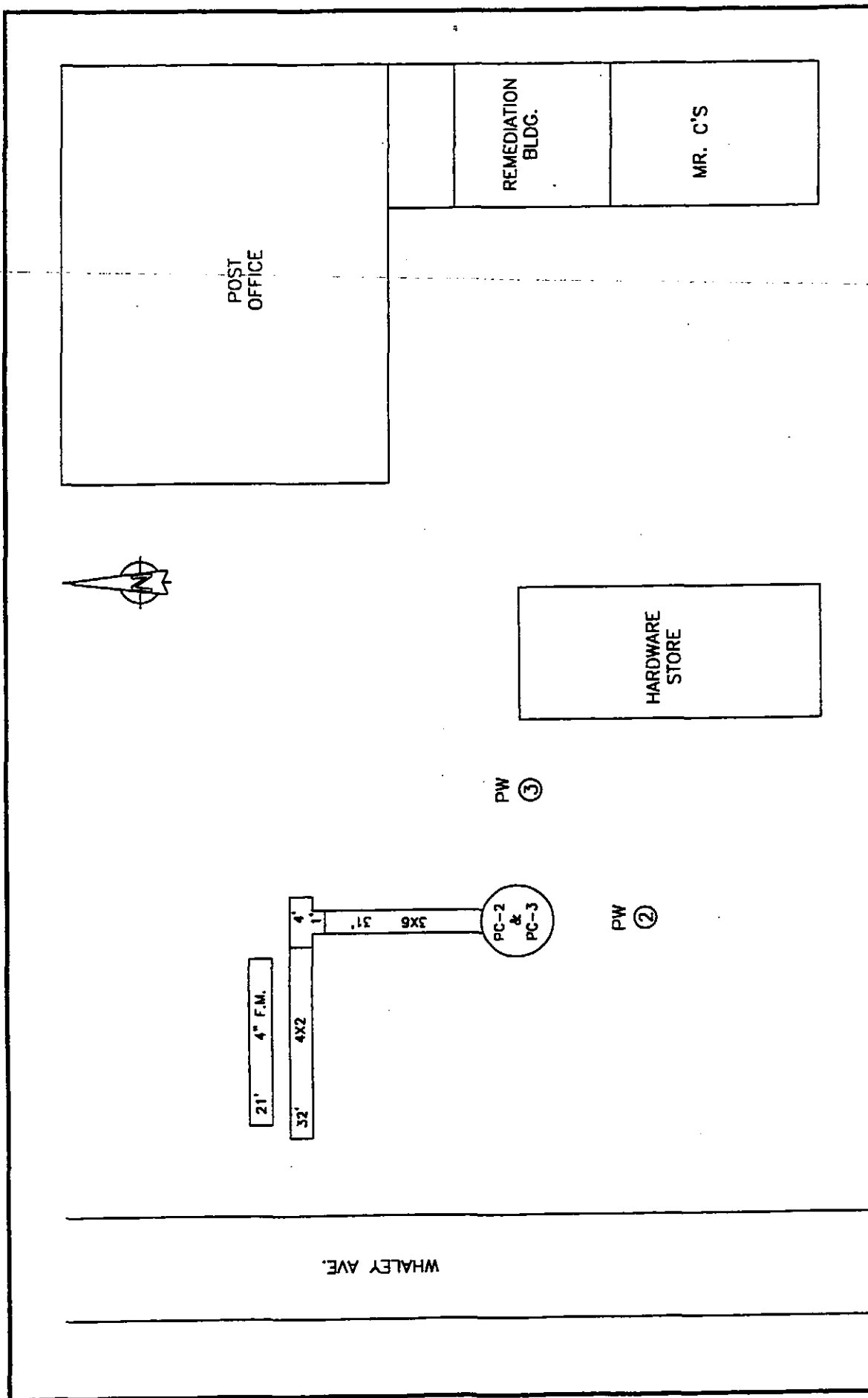
Drawn by: PJF/Adecco

Scale: N.T.S.

Date: 8-19-03

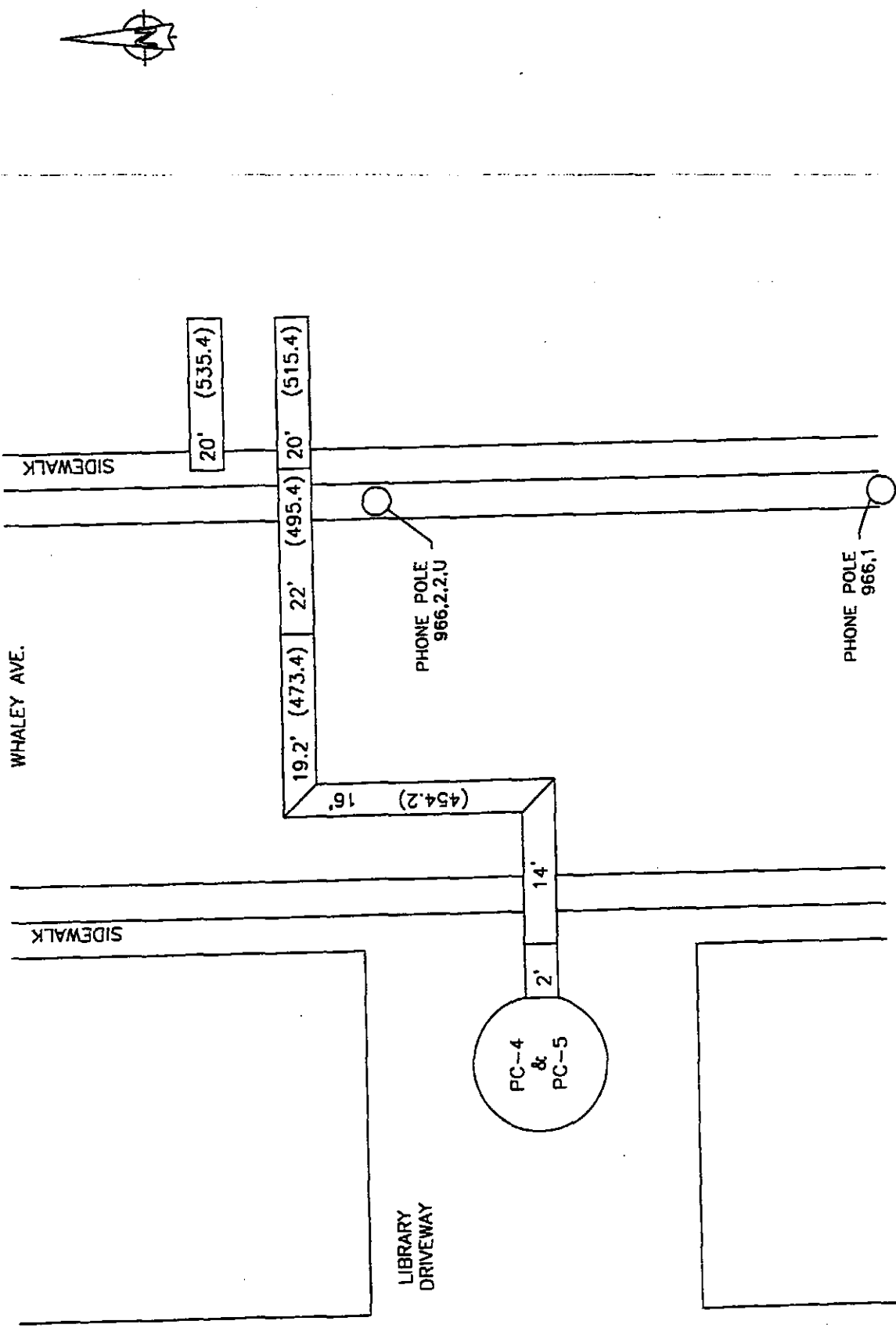
Cad File: MRCC-8

Figure C-9

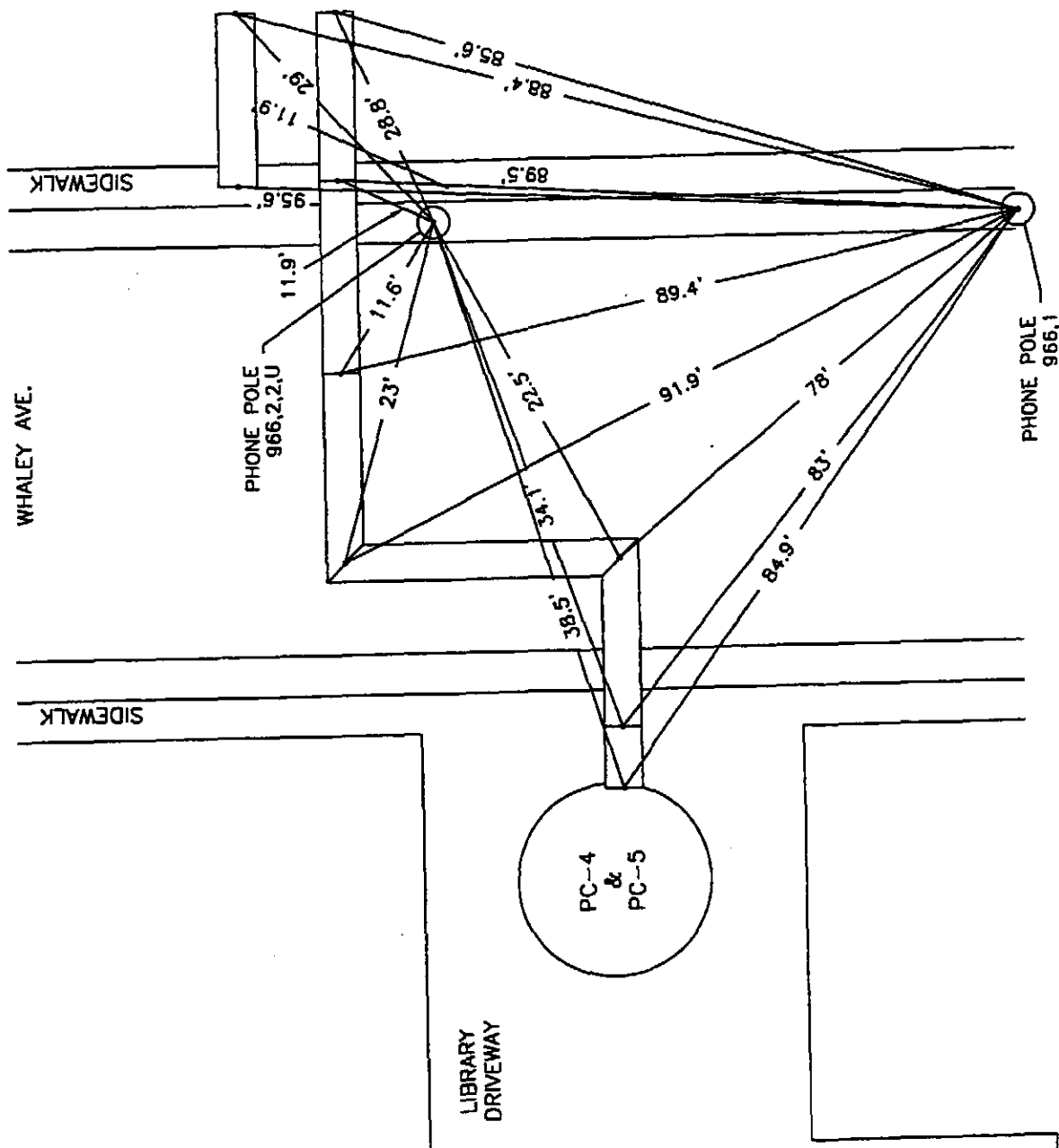


MAIN STREET

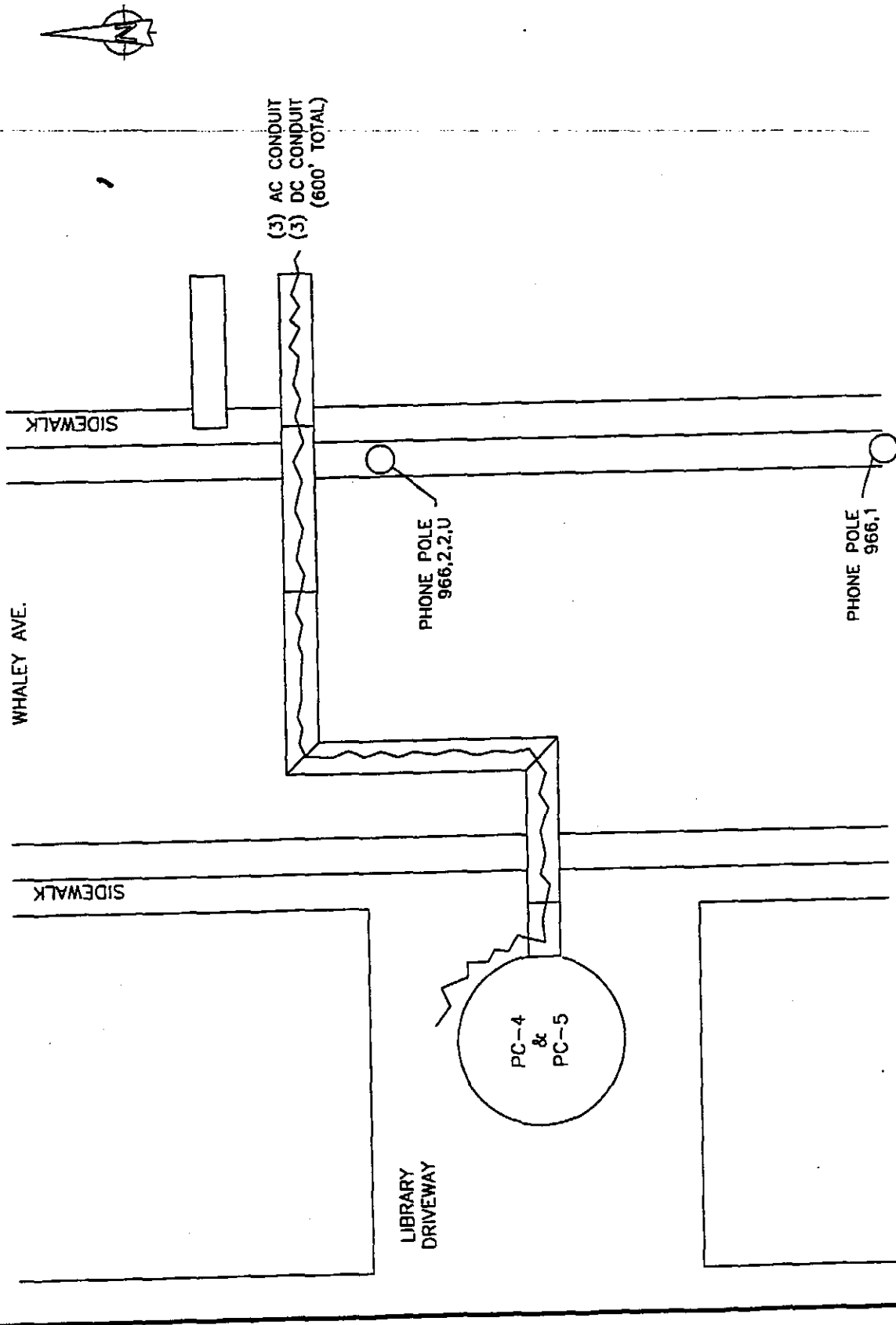
 Tyree Organisation Ltd. Latham, New York	PC-2 & PC-3 HDPE PIPE LENGTHS		Checked by: D. PACHAN	Cad File: MRCC-10
	AS RECORDED		Drawn by: FJF/Adecco	
	MR. C'S DRY CLEANERS REMEDATION PROJECT		Scale: N.T.S.	Date: 8-19-03
		586 MAIN STREET EAST AURORA, NEW YORK		
		File C-10		



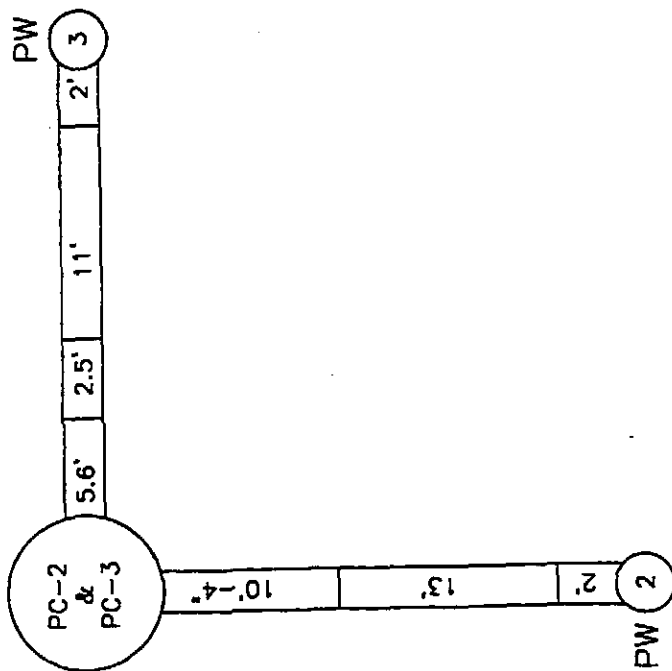
 Tyree Organisation Ltd. Latham, New York	HDPE PIPE LENGTHS 4X2 <u>AS RECORDED</u>			Checked by: D. PACHAN	Cad File: MRCC-11
	MR. C'S DRY CLEANERS REMEDICATION PROJECT	666 MAIN STREET EAST AURORA, NEW YORK	Drawn by: PIP/Adesso	Date: 8-19-03	Figure C-11
			Scale: N.T.S.		



 Tyres Organisation Ltd. Latham, New York	MR. C'S DRY CLEANERS REMEDIATION PROJECT		HDPE PIPE LOCATIONS AS RECORDED		566 MAIN STREET EAST AURORA, NEW YORK	Checked by: D. PACIAN Drawn by: FJP/Adecco Scale: M.T.S.	Cad File: MRCC-12 Date: 6-19-03	Project: C-12



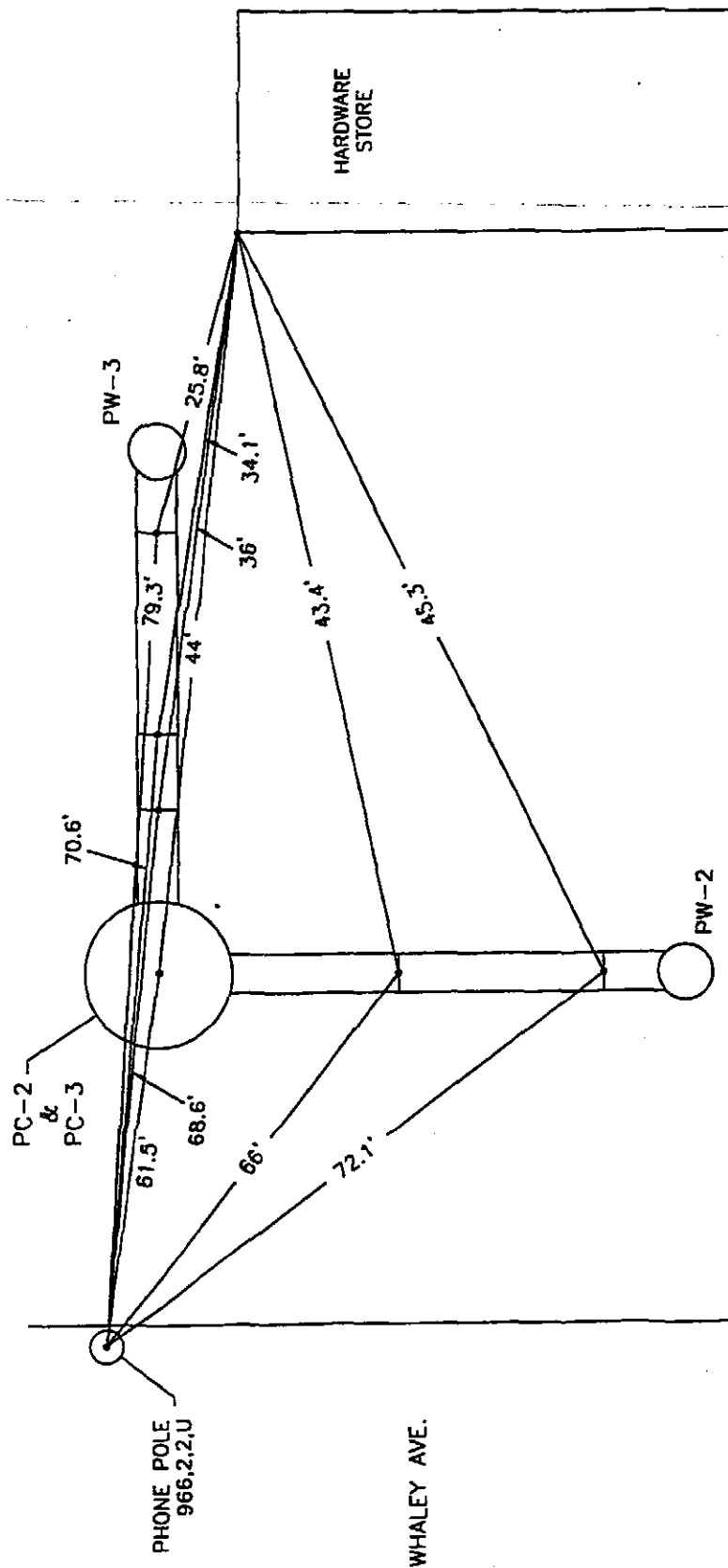
T Typee Organization Ltd. Latham, New York	CONDUIT LENGTHS AS RECORDED		566 MAIN STREET EAST AURORA, NEW YORK		Cad File: MRCC-13	
	Checked by: D. PACHAN		Drawn by: PJP/Adecco		Date: 8-10-03	
	Scale: N.T.S.		Figure C-13			
	MR. C'S DRY CLEANERS REMEDICATION PROJECT					



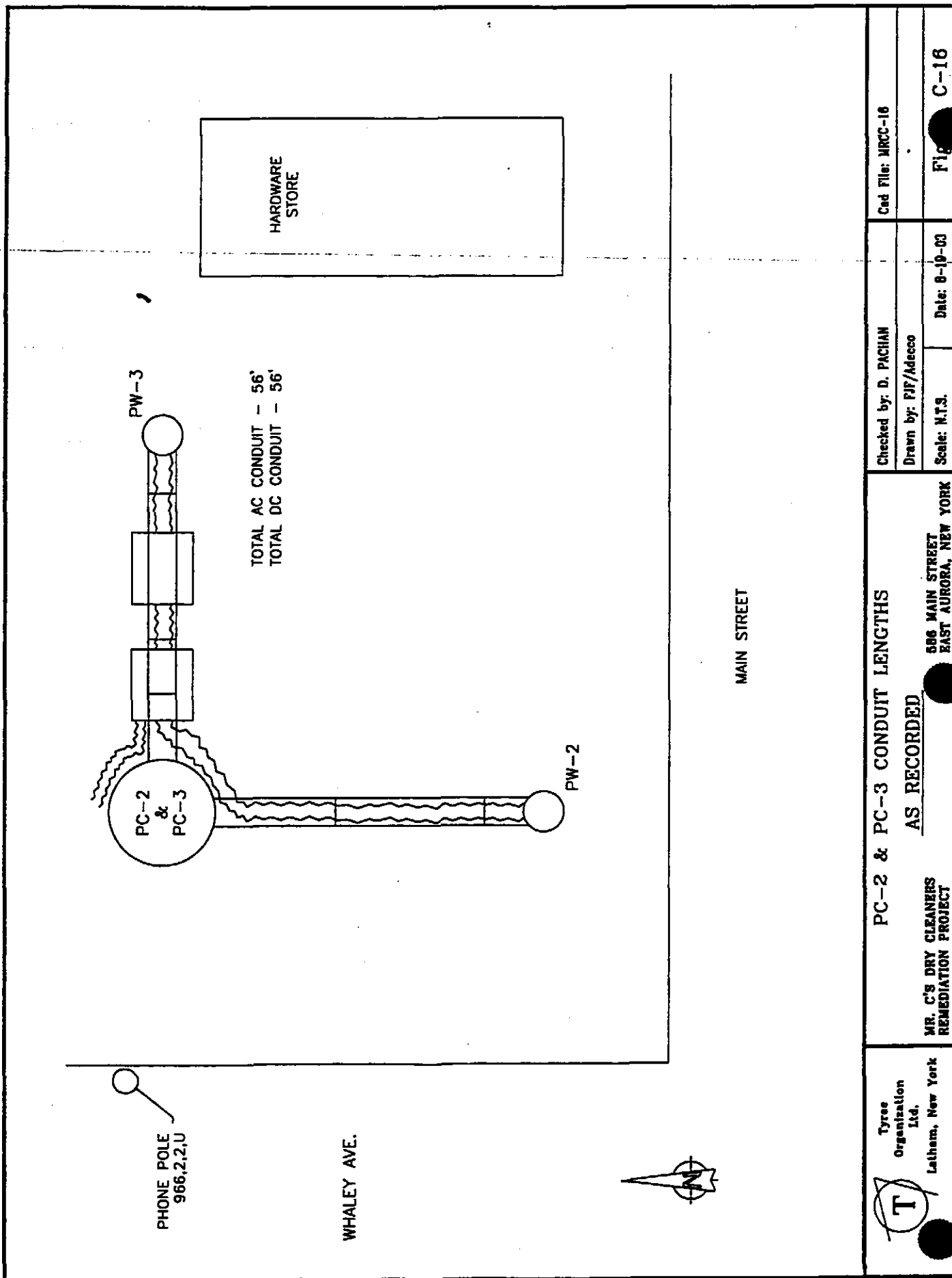
MAIN STREET

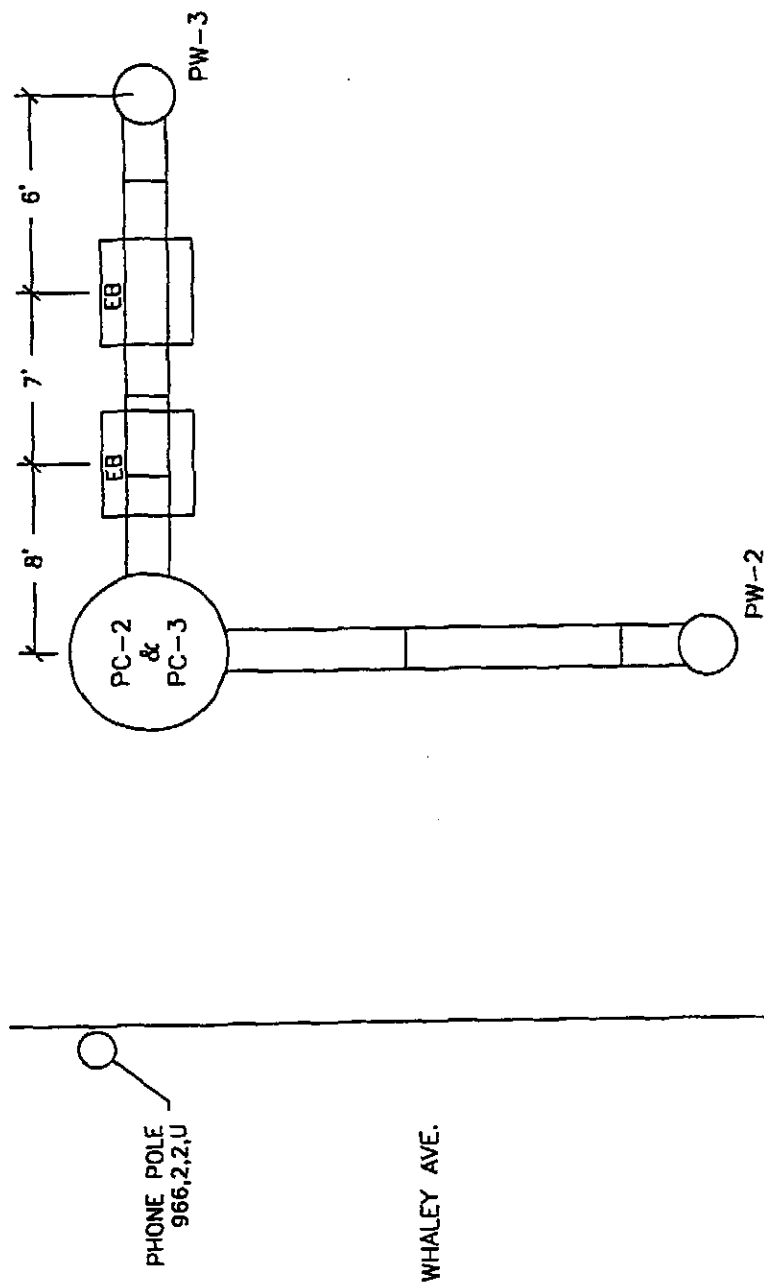
WHALEY AVE.

 Tyree Organization Ltd. Latham, New York	PC-2 & PC-3 HDPE PIPE LENGTHS AS RECORDED		Checked by: D. PACHAN Drawn by: PJF/Adecco Scale: N.T.S.	Cad File: MRCC-14 Date: 8-19-03 Fig: C-14
	MR. C'S DRY CLEANERS REMEDIATION PROJECT		556 MAIN STREET EAST AURORA, NEW YORK	

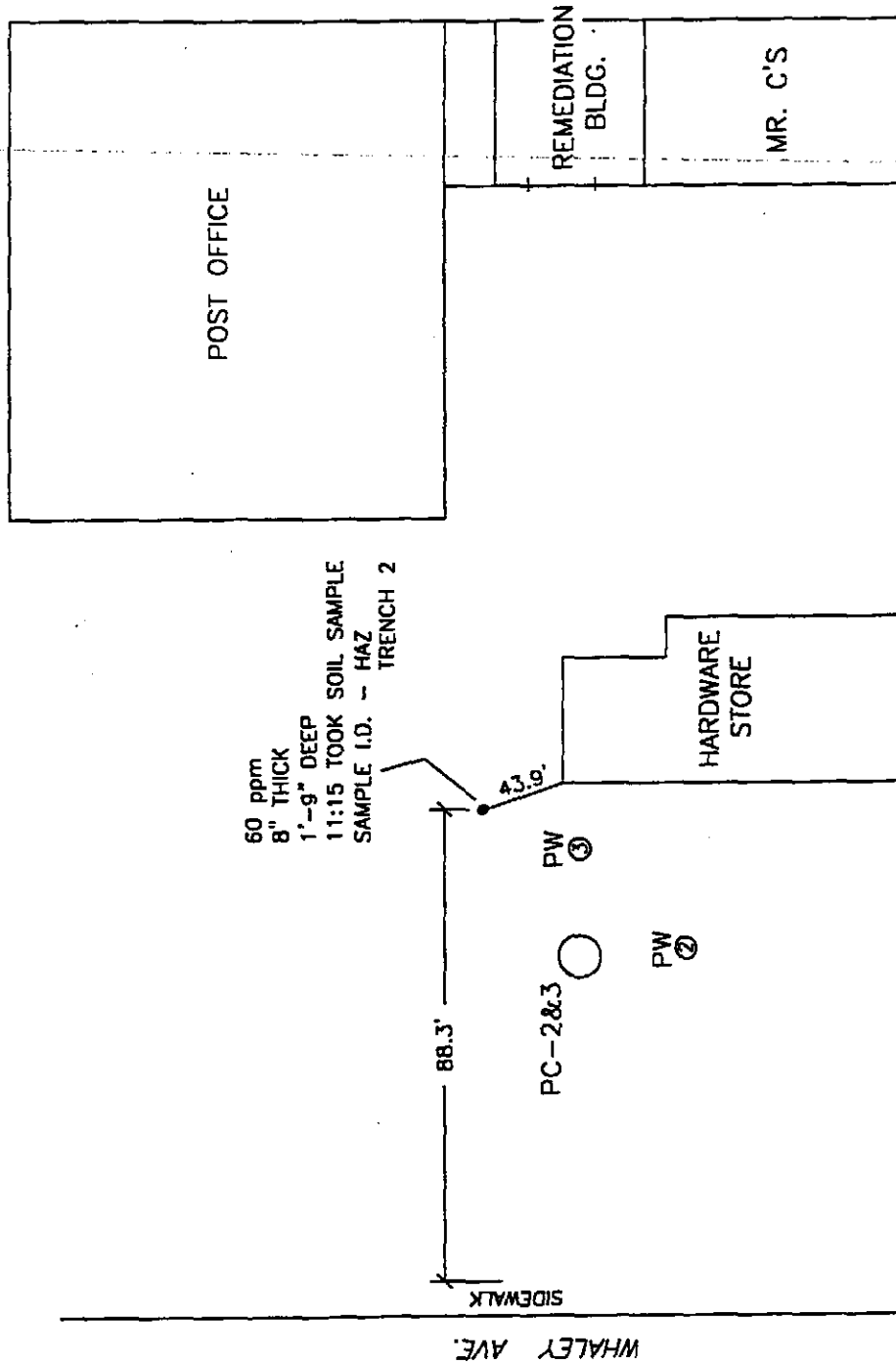


 Tyree Organisation Ltd. Latham, New York	PC-2 & PC-3 HDPE PIPE LENGTHS		Checked by: D. PACHAN	Cad File: MRCC-15
	AS RECORDED		Drawn by: PJP/Adesso	
	MR. C'S DRY CLEANERS REMEDICATION PROJECT		Scale: N.T.S.	Date: 8-19-03
		588 MAIN STREET EAST AURORA, NEW YORK		
		Figure C-15		





 Tyres Organization Ltd. Latham, New York	PC-2 & PC-3 ELECTRICAL BOX AS RECORDED		Checked by: D. PACHAN Drawn by: FIF/Adesso Scale: N.T.S.	Cad File: MRCC-17
	MR. C'S DRY CLEANERS REMEDIATION PROJECT		Date: 6-19-03 Figure C-17	



 Tyreco Organization Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1		Checked by: D. PACHAN	Cad File: MRCB-1
	SOIL SAMPLE		Drawn by: YIF/Adeco	
	MR.C's DRY CLEANERS REMEDATION PROJECT		Scale: N.T.S.	Date: 8-15-03

888 MAIN STREET
EAST AURORA, NEW YORK

AS RECORDED

Figure D-1



WHALEY AVE.

SIDEWALK

40' 4"
40' 3x6

TRENCH DEPTH - 6'
TRENCH WIDTH - 41"

PC-2&3

PW ①

PW ②

HARDWARE
STORE

POST OFFICE

REMEDICATION
BLDG.

MR. C'S

MAIN STREET

Tyree
Organization
Ltd.
Latham, New York

PC-2 AND PC-3 PIPING DETAIL TO PC-1
TRENCH DEPTHS

MR.C's DRY CLEANERS
REMEDICATION PROJECT

586 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

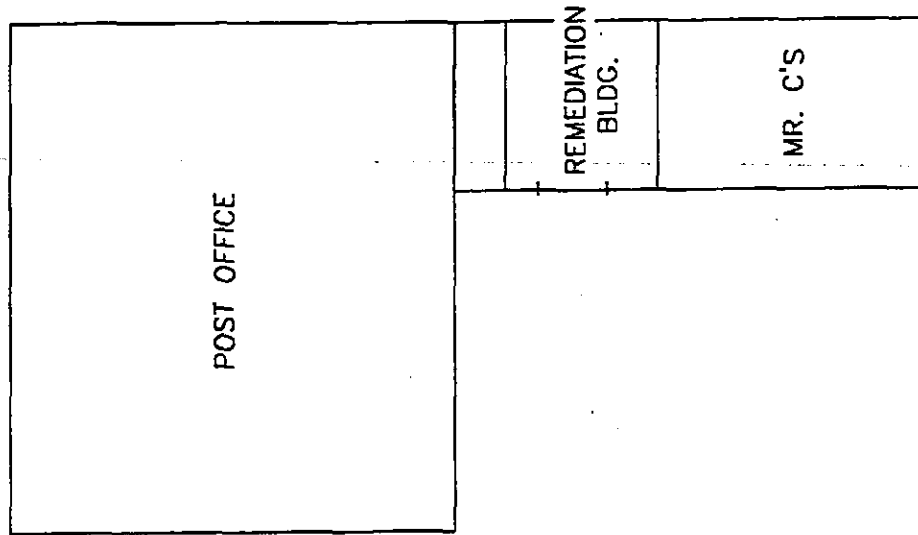
Drawn by: FIF/Adecco

Scale: N.T.S.

Date: 8-15-03

Cad File: MRCD-2

Figure D-2



TRENCH DEPTH - 6'
TRENCH WIDTH - 46"

4" F.M.

3x8 HDPE

PW ③

PC-2&3

PW ②

HARDWARE
STORE

REMEDIA
TION
BLDG.

MR. C'S

POST OFFICE

WHALEY AVE.
SIDEWALK

MAIN STREET

Tyree
Organization
Ltd.
Latham, New York

PC-2 AND PC-3 PIPING DETAIL TO PC-1

TRENCH DEPTHS

AS RECORDED

M.R.C.'s DRY CLEANERS
REMEDIA
TION PROJECT

586 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACIAN

Drawn by: P/P/Adecco

Scale: N.T.S.

Date: 8-15-03

Cad File: MRCO-3

Figure D-3



WHALEY AVE.

SIDEWALK

PC-2&3

PW ①

PW ②

3x6 HDPE

4" F.M.

TRENCH DEPTH - 6'
TRENCH WIDTH - 48"

HARDWARE
STORE

MR. C'S

REMEDICATION
BLDG.

POST OFFICE

MAIN STREET

Tyree
Organization
Ltd.
Latham, New York

PC-2 AND PC-3 PIPING DETAIL TO PC-1
TRENCH DEPTHS

M.R.C.'s DRY CLEANERS
REMEDICATION PROJECT

666 MAIN STREET
EAST AURORA, NEW YORK

AS RECORDED

Checked by: D. PACHAN

Drawn by: FJF/Adecco

Scale: N.T.S.

Date: 8-15-03

Cad File: MRCD-4

FIG. D-4



WHALEY AVE.

SIDEWALK

PC-2&3

PW ③

PW ②



HARDWARE
STORE

TRENCH DEPTH - 6'
TRENCH WIDTH - 48"

POST OFFICE

REMEDICATION
BLDG.

MR. C'S

MAIN STREET

Tyree
Organisation
Ltd.
Latham, New York

PC-2 AND PC-3 PIPING DETAIL TO PC-1

TRENCH DEPTHS

MR.C's DRY CLEANERS
REMEDICATION PROJECT

666 MAIN STREET
EAST AURORA, NEW YORK

AS RECORDED

Checked by: D. PACHAN

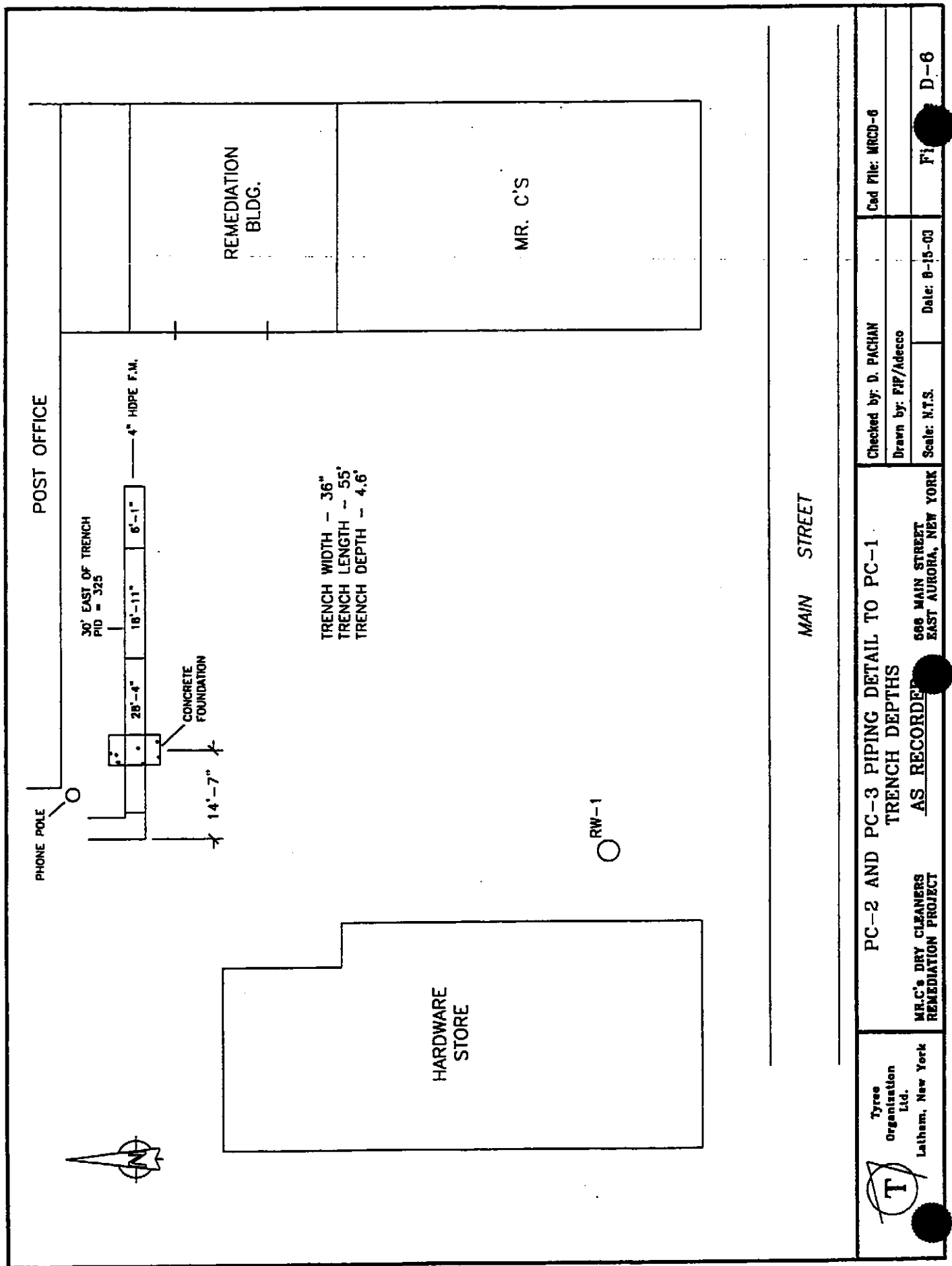
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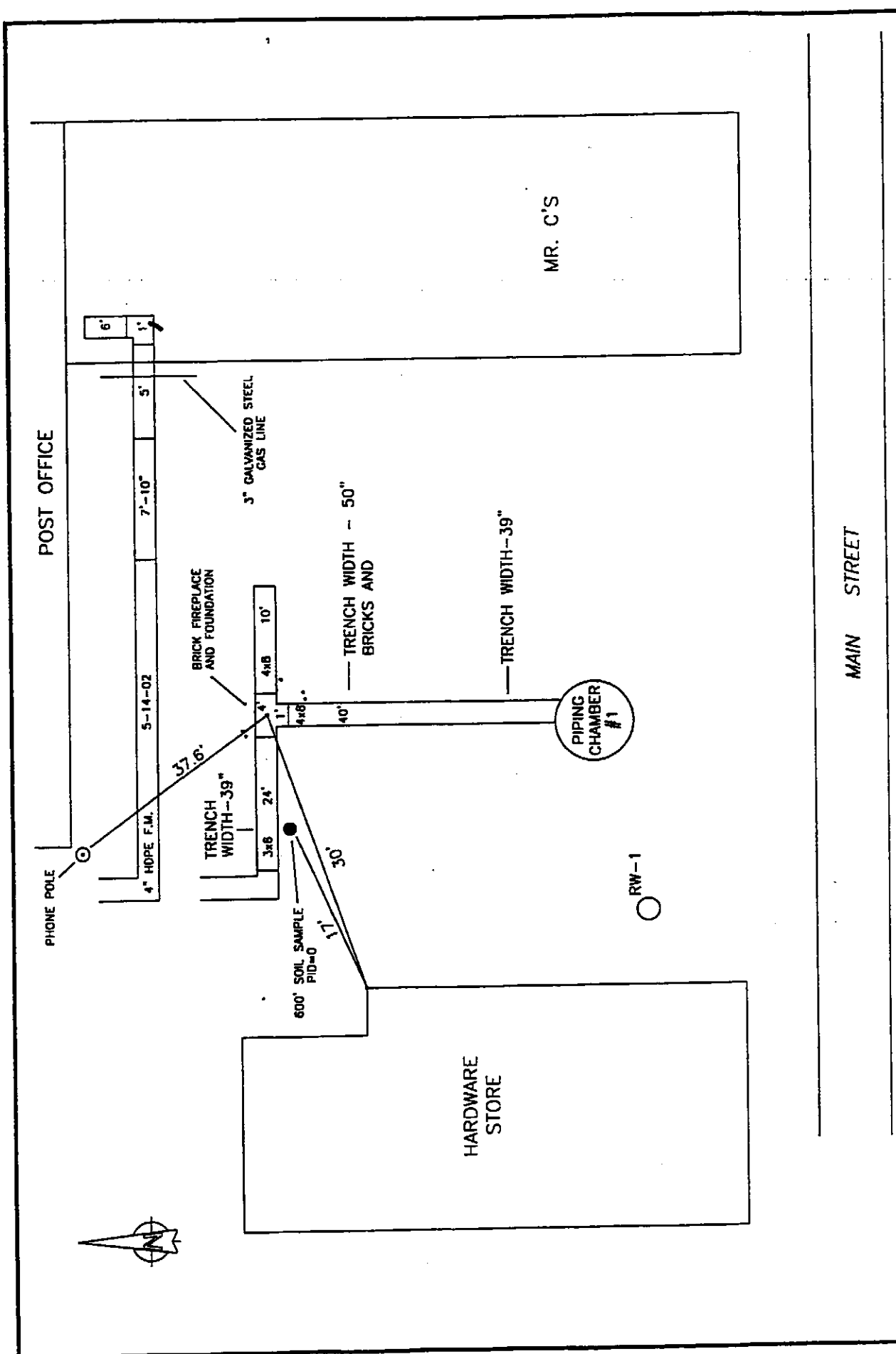
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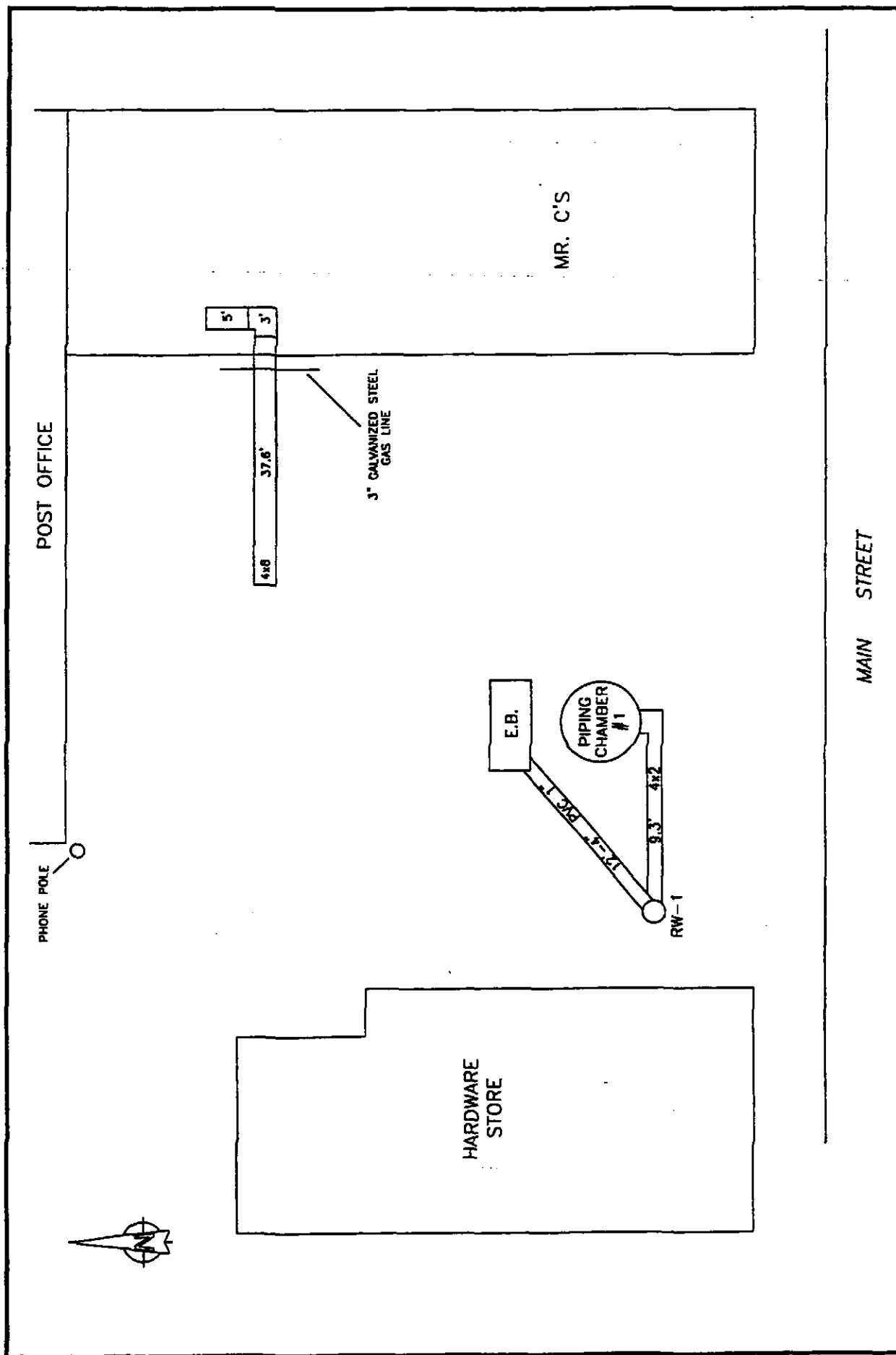
Figure D-5



Tyree Organization Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS AS RECORDED	Checked by: D. PACHAN Drawn by: PIP/Adecco Scale: N.T.S.	Cad File: MRCD-6 Date: 8-15-03	588 MAIN STREET EAST AURORA, NEW YORK	MR.C's DRY CLEANERS REMEDATION PROJECT	File: D-6



 Tyree Organisation Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 TRENCH DEPTHS			Checked by: D. PACHAN	Cad File: MRCD-7	
				Drawn by: P/F/Adecco		
	MR.C's DRY CLEANERS REMEDICATION PROJECT			Scale: N.T.S.	Date: 8-15-03	Figure D-7
	AS RECORDED					

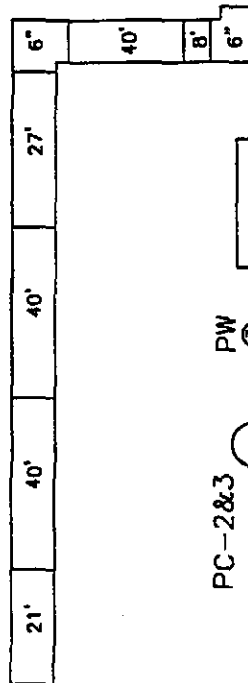


 Tyres Organization Ltd. Latham, New York	PIPING CHAMBER - 1 AND ELECTRICAL BOX AS RECORDED MR.C's DRY CLEANERS REMEDICATION PROJECT	Checked by: D. PACHAN Drawn by: FFP/Adecco Scale: N.T.S.	Cad File: MRCD-8 Date: 8-15-03 File: D-8



WHALEY AVE.

SIDEWALK



PC-2&3

PW ②

PW ③

HARDWARE
STORE

POST OFFICE

REMEDIA
TION
BLDG.

MR. C'S

MAIN STREET



Tyree
Organization
Ltd.
Latham, New York

PC-2 AND PC-3 PIPING DETAIL TO PC-1
HDPE PIPE LENGTHS 4"

MR.C's DRY CLEANERS
REMEDIAION PROJECT

AS RECORDED

688 MAIN STREET
EAST AURORA, NEW YORK

Checked by: D. PACHAN

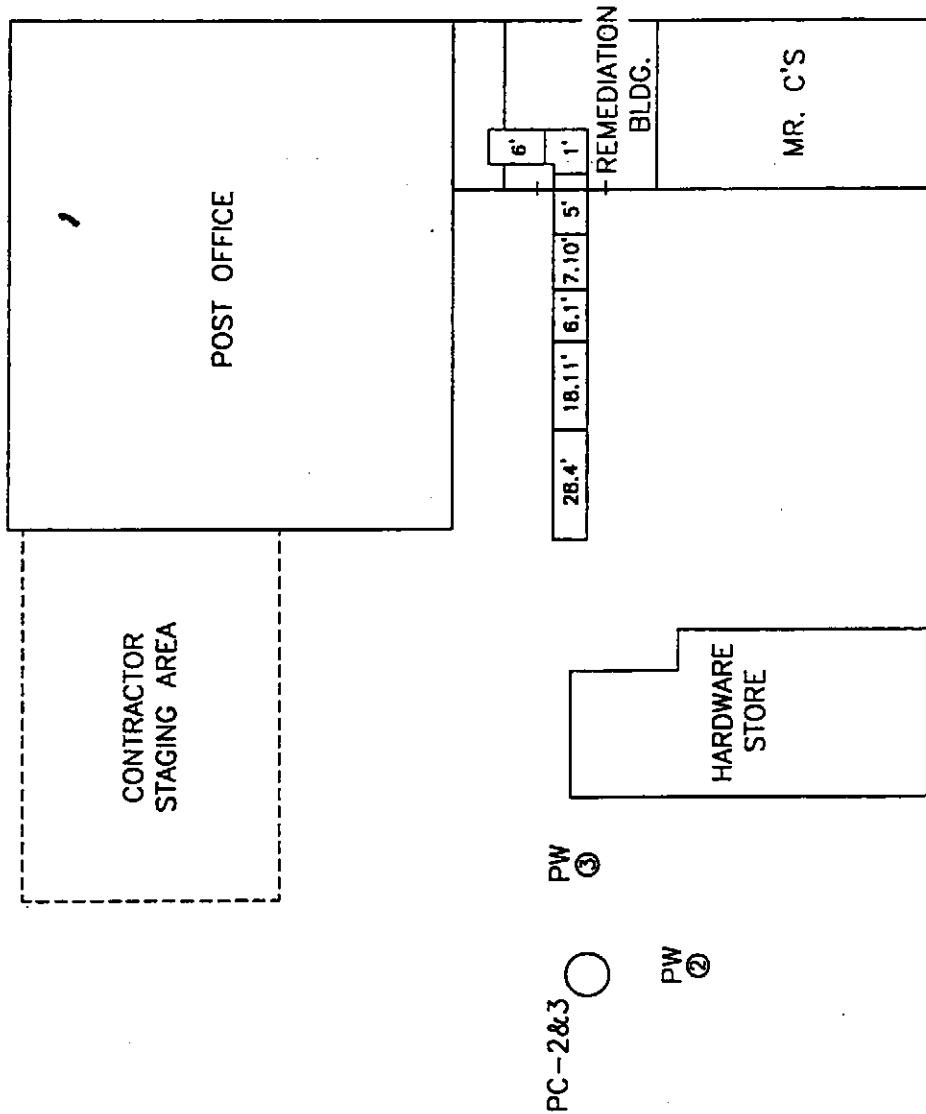
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Scale: N.T.S.

Date: 8-15-00

Cad File: MRCD-9

Figure D-9



WHALEY AVE. SIDEWALK

MAIN STREET

Tyree
Organization
Ltd.
Latham, New York

PC-2 AND PC-3 PIPING DETAIL TO PC-1
HDPE PIPE LENGTHS 4"

MR.C's DRY CLEANERS
REMEDATION PROJECT

666 MAIN STREET
EAST AURORA, NEW YORK

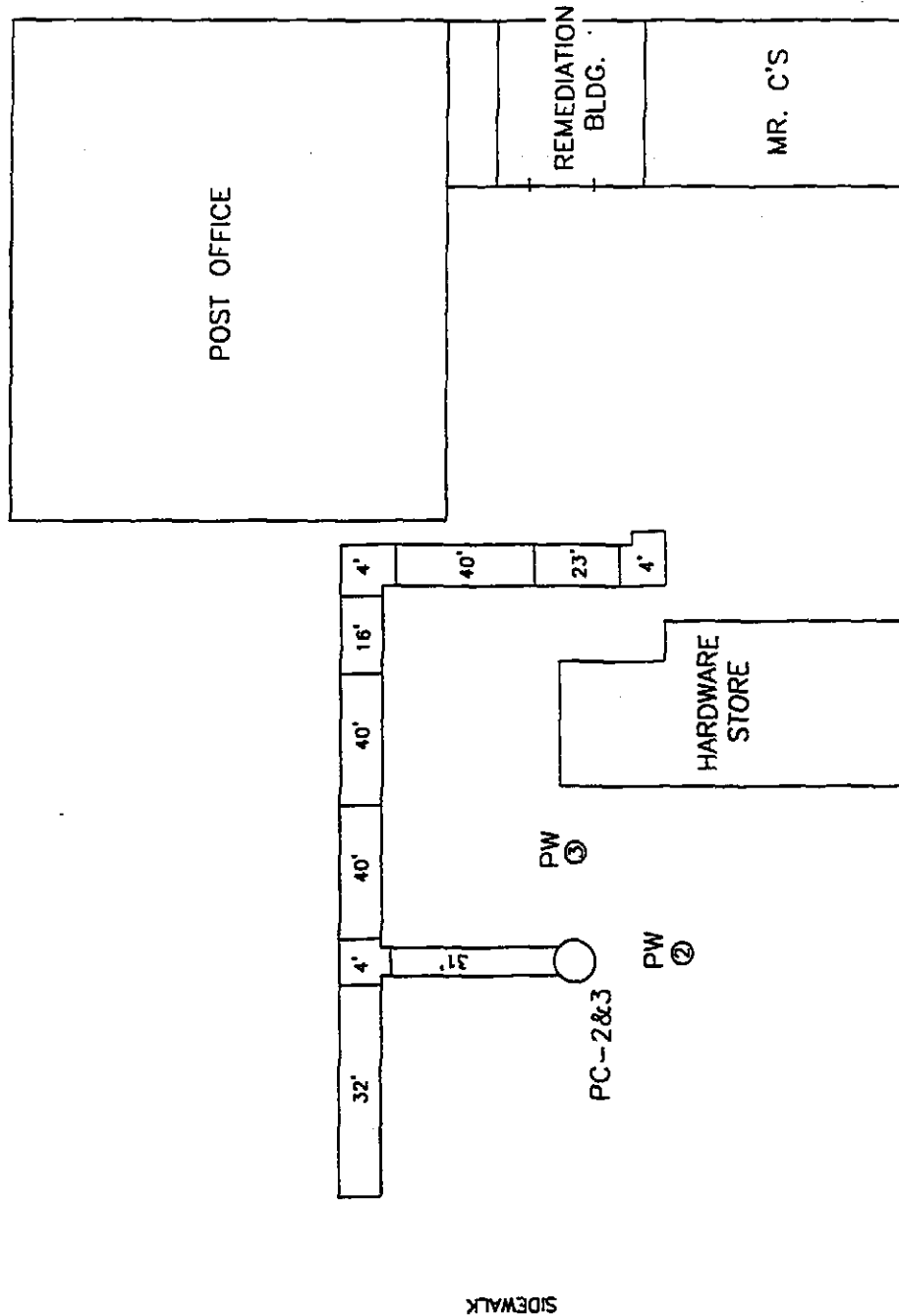
AS RECORDED

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Drawn by: PJF/Adecco

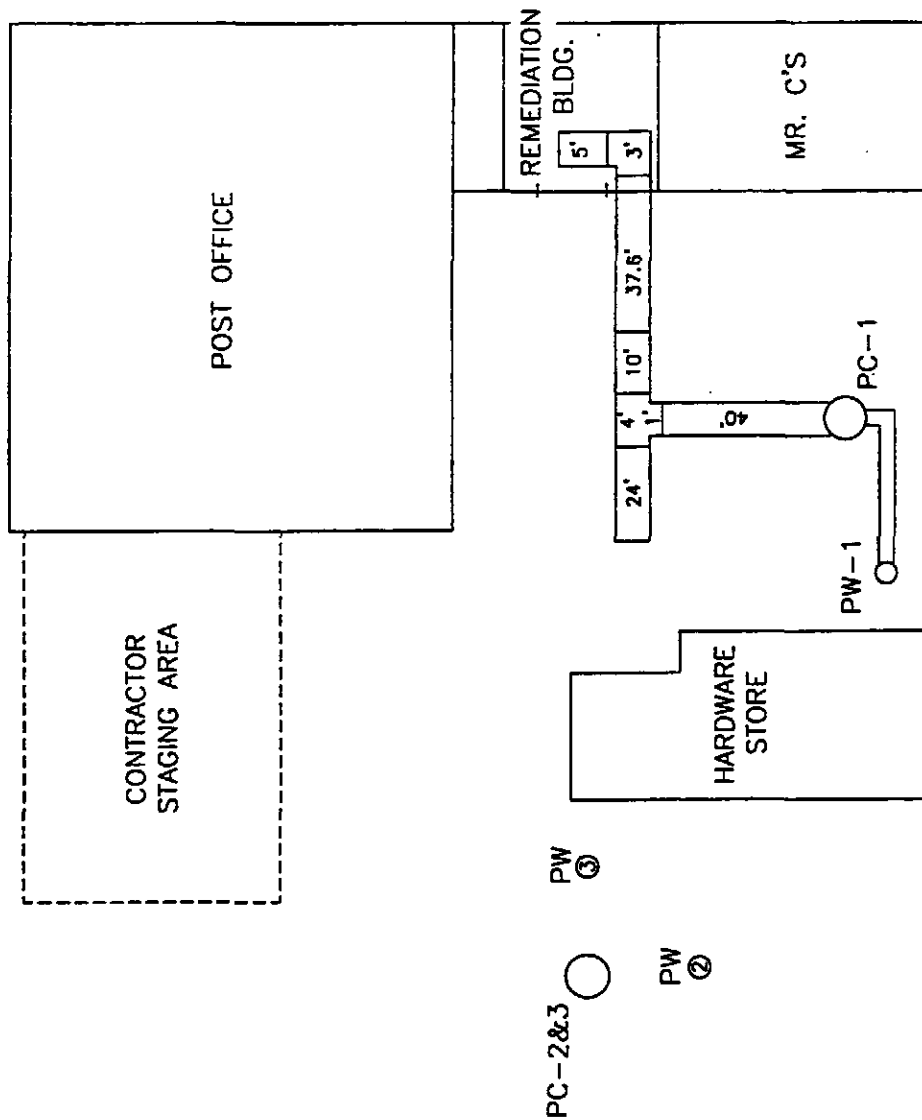
Date: 8-15-03

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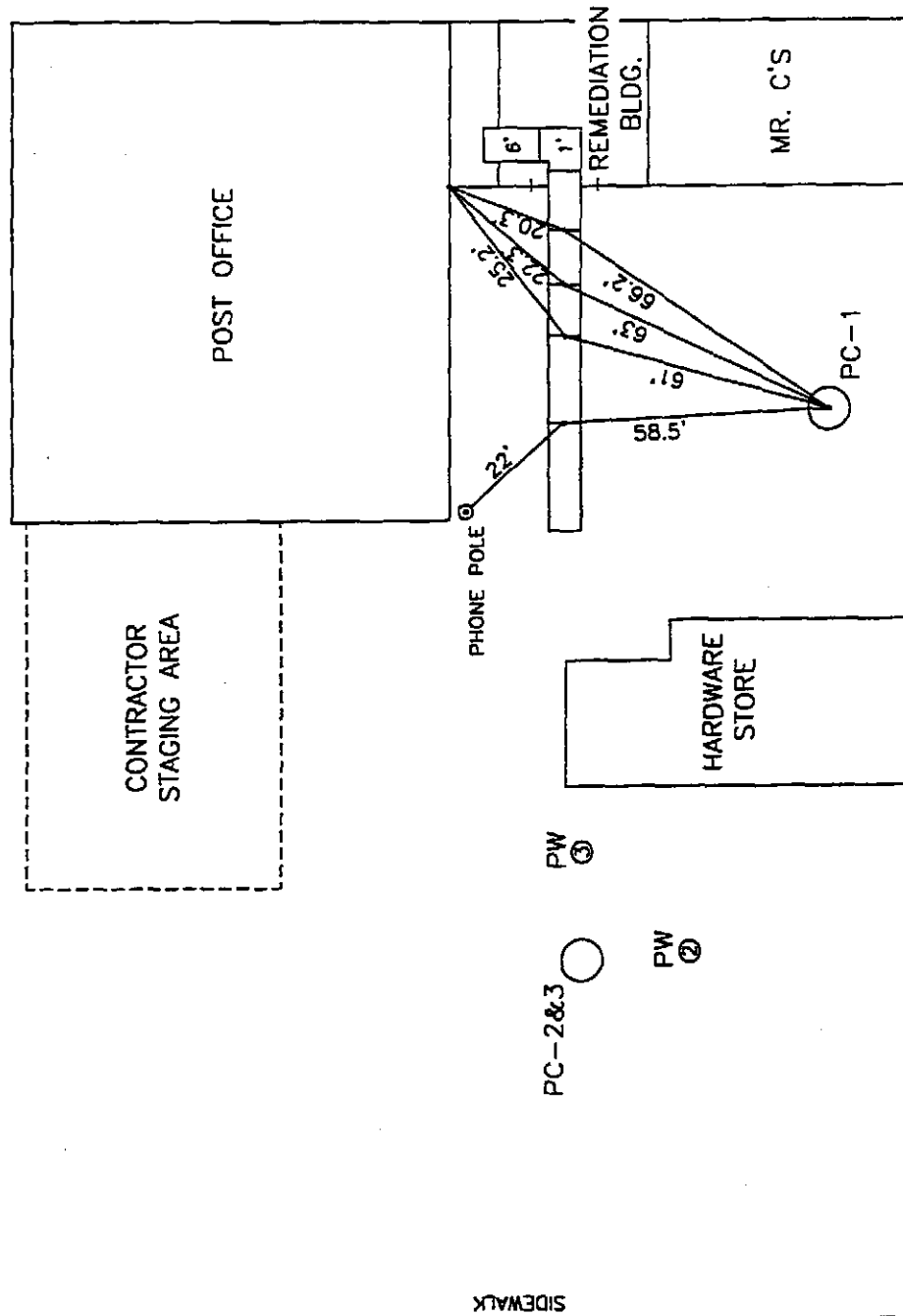
Fig. D-10



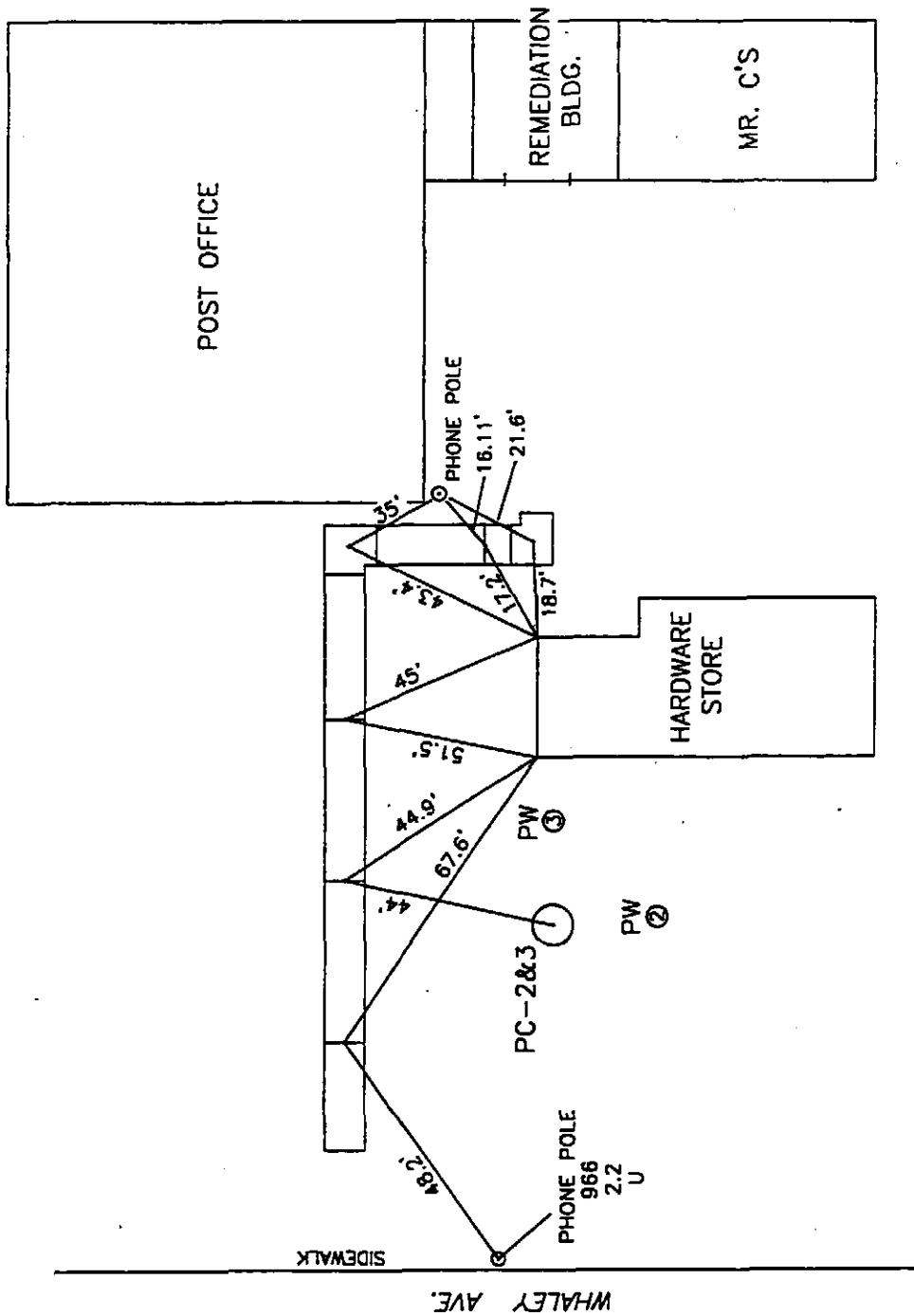
 Tyree Organization Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 HDPE PIPE LENGTHS 3x6/4x2		Checked by: D. PACHAN	Cad File: MRCB-11
	MR.C's DRY CLEANERS REMEDIAION PROJECT		Drawn by: JTF/Adecco	
	AS RECORDED		Scale: N.T.S.	Date: 8-15-03
		Figure D-11		



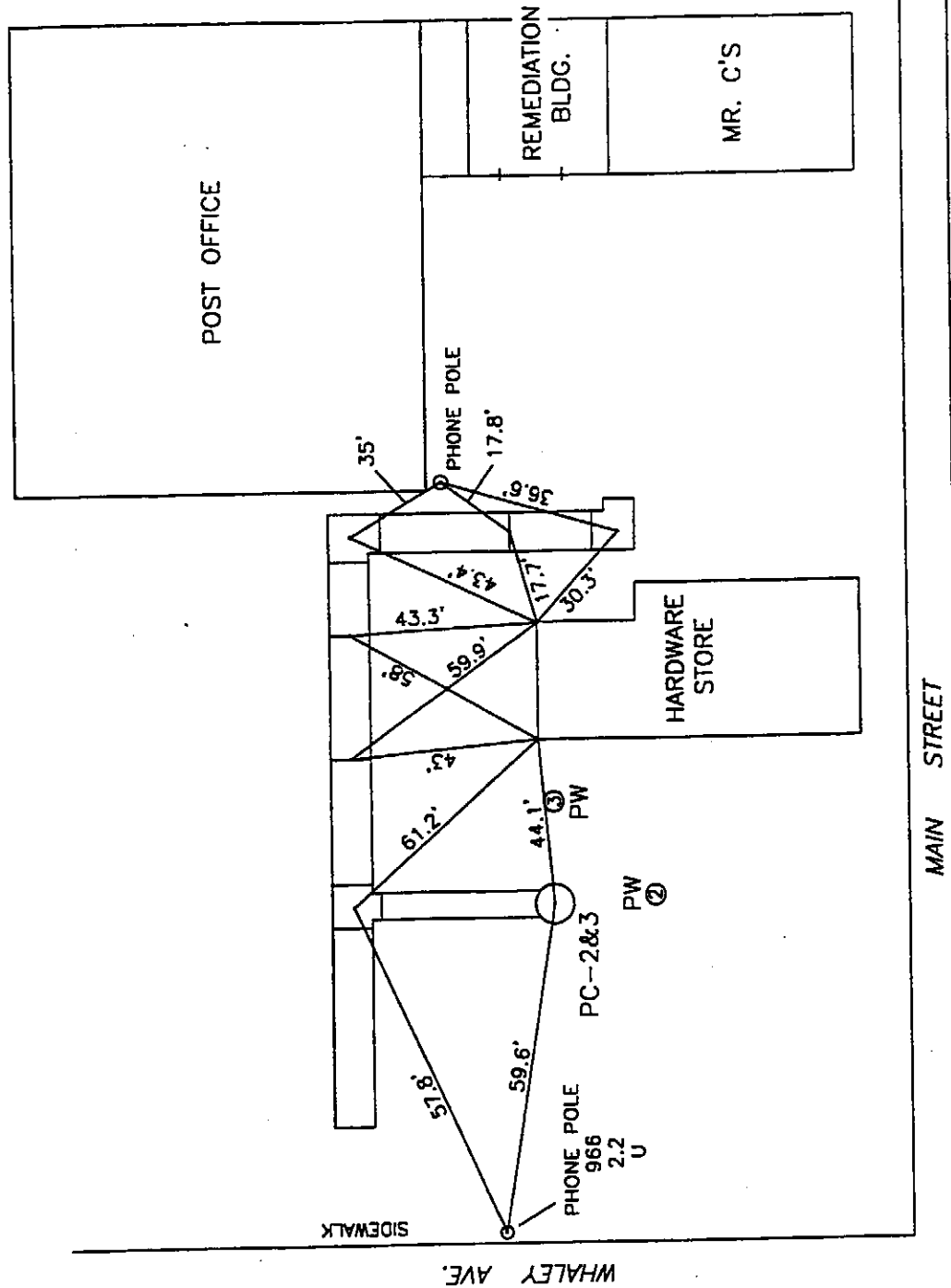
 Tyres Organization Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 HDPE PIPE LENGTHS 4x8 AS RECORDED	586 MAIN STREET EAST AURORA, NEW YORK	Checked by: D. PACIAN Drawn by: FIF/Adecco Scale: N.T.S.	Cad File: MRCD-12	Figure D-12



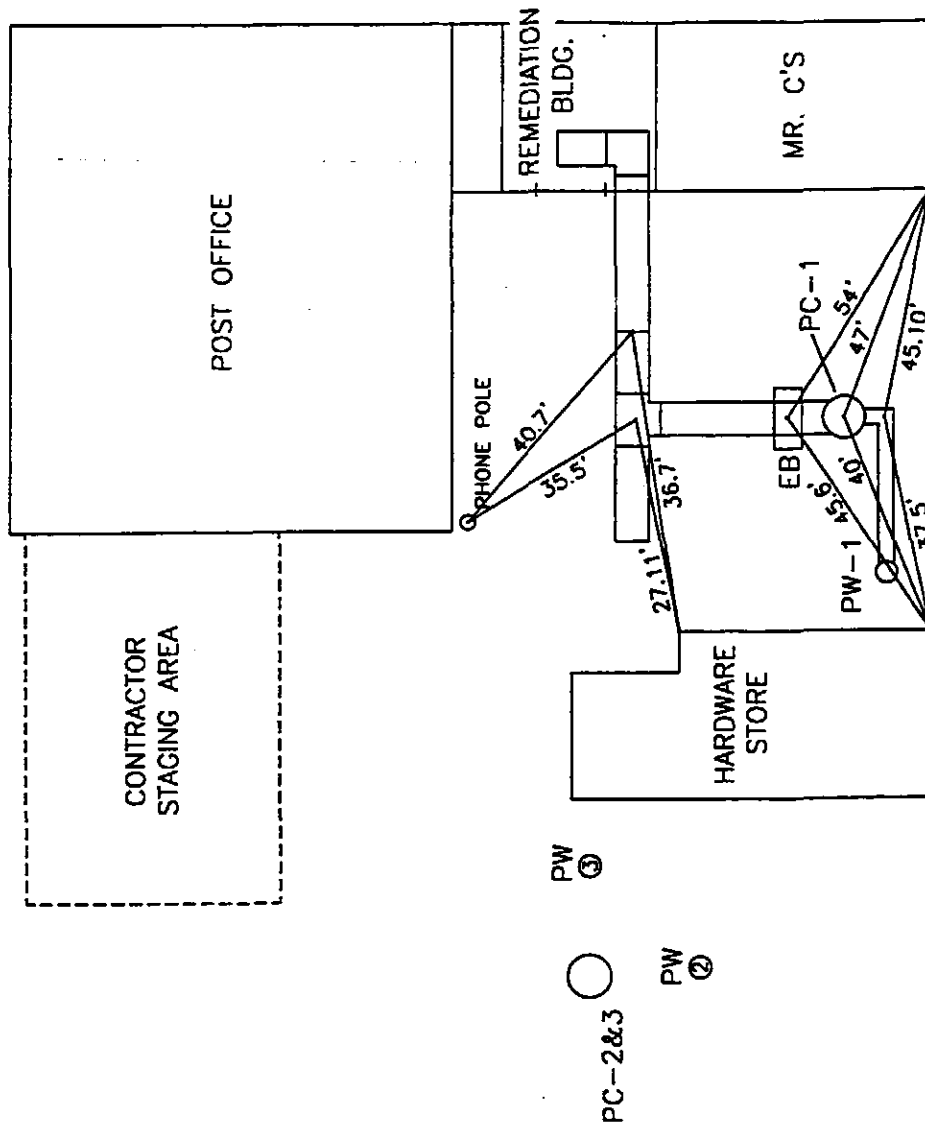
 Tyree Organisation Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 HDPE PIPE LOCATIONS 4" MR.C's DRY CLEANERS REMEDIAL PROJECT AS RECORDED 586 MAIN STREET EAST AURORA, NEW YORK	Checked by: D. PACHAN Drawn by: FJP/Adecco Scale: N.T.S.	Cad File: MRCB-13 Date: 8-15-03 Figure D-13



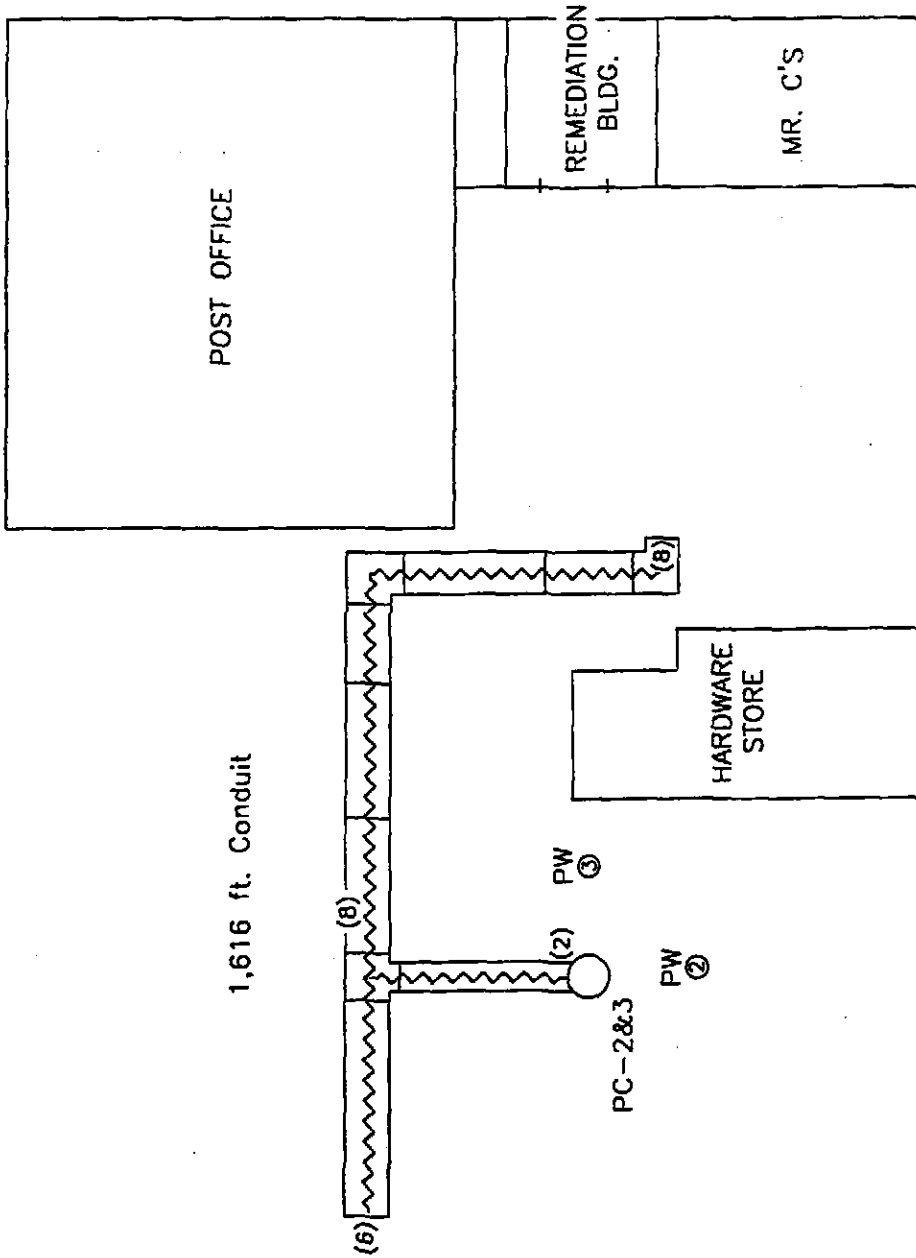
 Tyree Organization Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 HDPE PIPE LOCATIONS 4"	Checked by: D. PACHAN Drawn by: RJP/Adecco Scale: N.T.S.	Cad File: MRCO-14
MR. C's DRY CLEANERS REMEDATION PROJECT	AS RECORDED	606 MAIN STREET EAST AURORA, NEW YORK	Date: 8-15-83
Figure D-14			



	Tyree Organisation Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 HDPE PIPE LENGTHS 3x6/4x2 MR.C's DRY CLEANERS REMEDICATION PROJECT	AS RECORDED 888 MAIN STREET EAST AURORA, NEW YORK
Checked by: D. PACHAN Drawn by: FJP/Adecco Scale: N.T.S.	Date: 8-15-03	Cad File: MRCO-16	Figure D-15



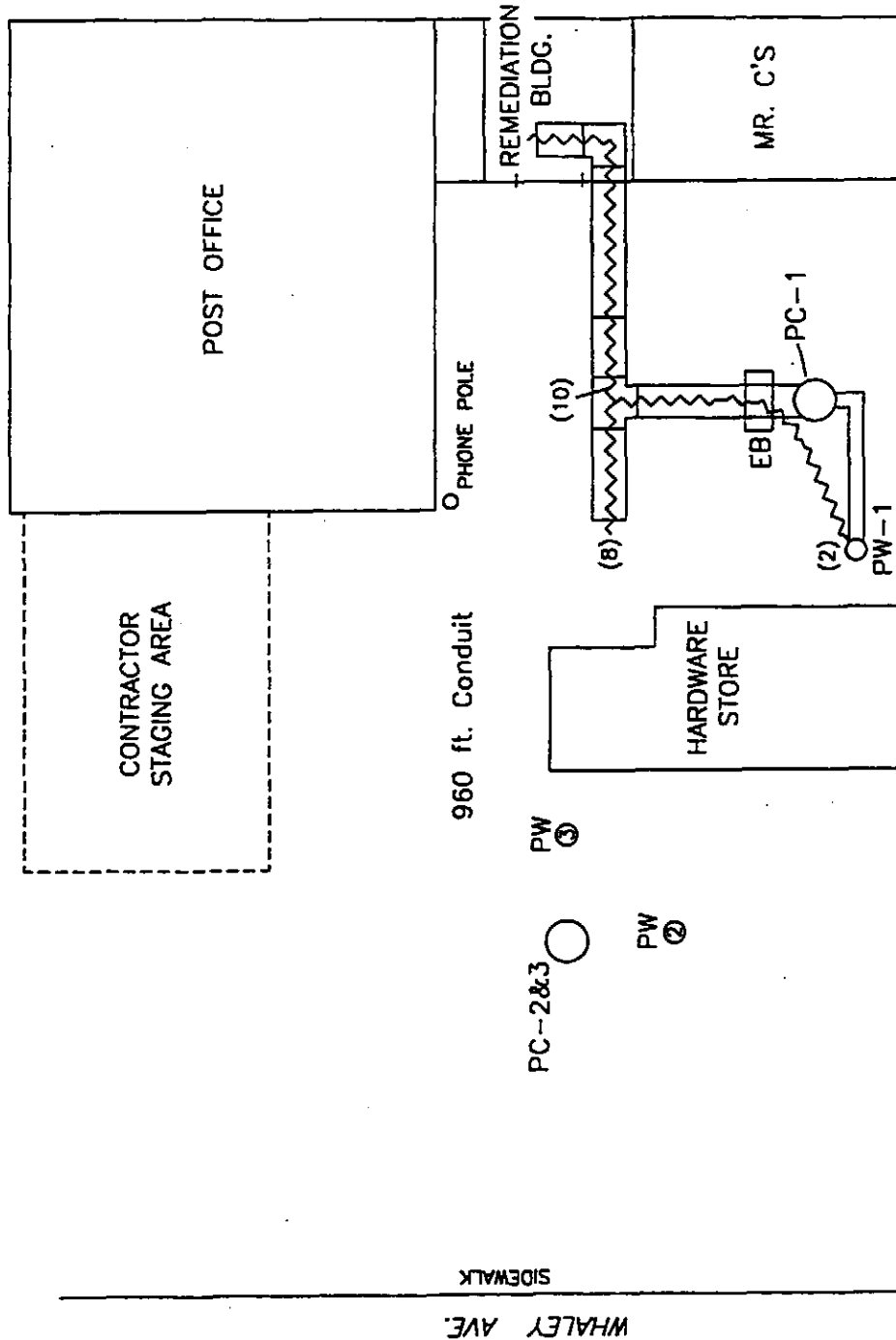
	Tyree Organisation Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 HDPE PIPE LOCATIONS 4x8 MR.C's DRY CLEANERS REMEDATION PROJECT AS RECORDED 586 MAIN STREET EAST AURORA, NEW YORK	Checked by: D. PACHAM Drawn by: PIF/Adesco Scale: N.T.S. Date: 8-15-03	Cad File: MRCD-16 Fig. D-16



WHALEY AVE.
SIDEWALK

MAIN STREET

 Tyse Organisation Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1				Checked by: D. PACHAN Cad File: MRCB-17
	CONDUIT LENGTHS				
	AS RECORDED				
	MRC's DRY CLEANERS REMEDATION PROJECT				
906 MAIN STREET EAST AURORA, NEW YORK					Date: 8-15-03
Figure D-17					



 Tyree Organization Ltd. Latham, New York	PC-2 AND PC-3 PIPING DETAIL TO PC-1 CONDUIT LENGTHS AS RECORDED MR. C'S DRY CLEANERS REMEDICATION PROJECT 506 MAIN STREET EAST AURORA, NEW YORK	Checked by: D. PACHAN Drawn by: FJP/Adecco Scale: N.T.S. Date: 8-15-03	Cad File: MRCO-18 Fig. D-18

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

To: MR. Mike Steffan Ecology & Environment 368 Pleasant View Drive Lancaster, NY 14086	DATE: Mr. Cs Dry Cleaner Site SITE ID NO. 9-15-157 CONTRACT# D004180
SUBMITTALS 034 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 PROJECT NAME: SITE REMEDIATION PROJECT CONTRACT NO.: D004180 TRANSMITTAL NO.: 34 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: Submital No.: 034 Approved By: [Signature]

CC: FILE/HOLLOWAY

These are transmitted as checked

☒
☐
☐

For Approval AND SIGNATURE
For Your Use
As Requested

Signed:

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					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.	
INSURED Classic Environmental, Inc. PO Box 480 Clifton Park NY 12065					INSURERS AFFORDING COVERAGE 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.						
LINE	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY	POL 01-2344-001	05/22/01	05/22/02	EACH OCCURRENCE	\$ 1000000
	☒ COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire)	\$ 50000
	CLAIMS MADE ☒ OCCUR				MED EXP (Any one person)	\$ 5000
	☒ Professional Liab				PERSONAL & ADV INJLTY	\$ 1000000
	☒ Pollution Liab			GENERAL AGGREGATE	\$ 2000000	
	GEN'L AGGREGATE LIMIT APPLIES PER			PRODUCTS - COMPROP AGG	\$ 2000000	
	☒ POLICY ☐ PRO ☐ LOC					
B	AUTOMOBILE LIABILITY	BA 5R 23 58	08/25/01	08/25/02	COMBINED SINGLE LIMIT (Per accident)	\$ 300000
	☐ ANY AUTO				BODILY INJURY (Per person)	\$
	☐ ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	☒ SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	\$
	☒ HIRED AUTOS					
	☒ NONOWNED AUTOS					
	DAMAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
	☐ ANY AUTO				OTHER THAN EA ACC	\$
					AUTO ONLY AGG	\$
	EXCESS LIABILITY				EACH OCCURRENCE	\$
	☐ OCCUR ☐ CLAIMS MADE				AGGREGATE	\$
	☐ DEDUCTIBLE					\$
	RETENTION \$					\$
A	WORKERS COMPENSATION AND EMPLOYERS LIABILITY	WC-00002082000-00	05/22/01	05/22/02	☒ WC STATUTORY LIMITS	
	EL EACH ACCIDENT				\$ 100000	
	EL DISEASE - EA EMPLOYEE				\$ 100000	
	EL DISEASE - POLICY LIMIT				\$ 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 Tyres Organization 4 Northway Lane Latham NY 12110		ADDITIONAL INSURED INSURER LETTER: A TYPE01		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.		

CEI

CLASSIC ENVIRONMENTAL INC.

DAILY SITE LOG

DATE 11/2/01

LOCATION 586 MARTIN ST EAST ARLINGHAM

PROJECT Ty Rec

WEATHER 50° cloudy

SUPERVISOR SIGNATURE

[Signature]

PRINT Greg Stiecker

TIME	DESCRIPTION OF WORK
0800	On Site with 3 Carabors / met with Ty Rec (Robert Blaw) We will be having a safety meeting prior to any work on site / safety meeting conducted by Ty Rec safety man / Ocean trailer moved to side of Bldg / 3 Stage OSHA Ocean Setup on the trailer / water hoses to trailer and boat / tools and equipment up onto the boat / Safety Lines Set up / Buckle tape Set up
1000	Starting to do removal of the Bulk Flash - Approx- mately 75' of Area to be removed / welded Area and cut the line with the cutter / There is a mesh sheeting over the wooden wall - we are going to do removal down to the wooden wall / within 30 min - Bragging and putting Brags near the Carabors
1200	All of the flashing is off the wall and being welded - Bragged 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 tighting of the wall
1400	Decom turn down - All work loaded - we will be returning in 2-3 weeks to do removal of the 100 Sq Ft of Duct Ins. (approx -
	<i>[Signature]</i>

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	460 47 8285	0800	1400		
LARRY Strickland	087-54457	0800	1400		
PICKERD Welsh	09560 9316	0800	1400		
Greg Streeter	112-54-5716	0800	1400		

AIR MONITOR or VISITOR

John Frisbie	447-80-9919	0800	1400		

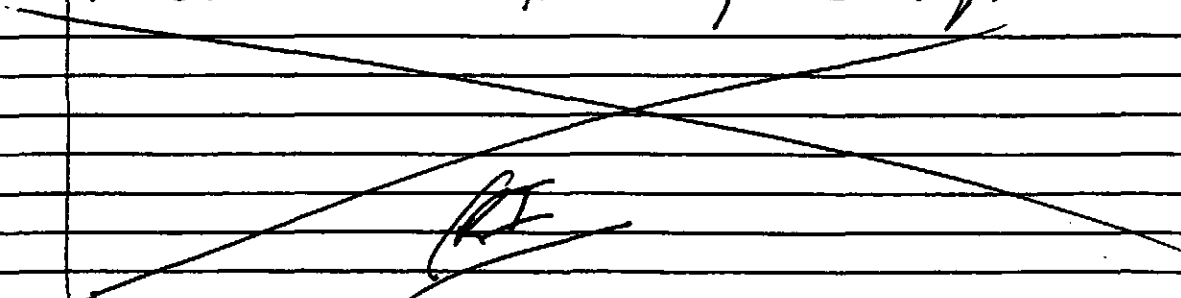
All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

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 marked project, started to set up pop-up Mesquard Asbestos only sm section 3 feet will glow bag practice
9:30	Pop-up built and up starting to suit up and glow bag being put-up now.
10:00	glow bag 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 12 hour job complete
 [Signature]	

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT:	PROJECT #:
LOCATION: <i>MR. C's CLEANERS</i>	DATE: <i>12/3/01</i>
SUPERVISOR: <i>CRAIG Ingalls</i>	SHIFT: <i>DAY</i>

Employee Name	S.S. Number	IN	OUT	IN	OUT
<i>CRAIG Ingalls</i>	<i>172-36-1024</i>	<i>9:00</i>	<i>12:00</i>		
<i>KEARON WELSH</i>	<i>095609316</i>	<i>9:00</i>	<i>12:00</i>		
<i>Chris O'Grady</i>	<i>084-58-2624</i>	<i>9:00</i>	<i>12:00</i>		

AIR MONITOR or VISITOR

<i>JASON BARADY</i>	<i>072-68-1209</i>	<i>9:00</i>	<i>12:00</i>		

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 1236-1024	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



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 95-18708

EXPIRES

SOCIAL SECURITY NUMBER

110-54-5579

EYES

HAZ

HAIR

RED

WEIGHT

210 lbs.

HEIGHT

6 ft. 0 1/2 in.

1900790

DOSH-442 (01/91)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS

G - SUPERVISOR

(09/01)

GREGORY L STREETER
178 RIVERSIDE AVE
RENSSELAER, NY

12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREET, GREGORY L

Social Security #: 116-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. JAGALLS:

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:

- ☒ 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]
Signature of Examining Personnel

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 Manager
4/00 - 2/01	Allied Environmental Services, Inc / Rensselaer, NY Operations Manager
5/98 - 2/00	Environmental Products & Services, Inc / Albany, NY Project Manager/Operation Manager
4/95-5/98	A+ Environmental Services Inc, Rensselaer, NY Project Manager/Project Supervisor
2/95-4/95	MARCO Remediation, Albany, New York Field Employee

References: Available upon request

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 05-11405	
EXPIRES	
SOCIAL SECURITY NUMBER	
122-36-1924	
EYES	HAIR
BRO	GRY
WEIGHT	HEIGHT
230 lbs.	5 ft. 10 in.

DOSH-442 (01/77)



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 (06/02), H (06/02)

CRATE R INSTALLS
163 ANTHONY RD.
CLIFTON PARK, NY

12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

[illegible]

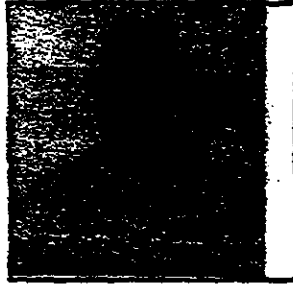
NAME James Insatta MOE 6/11/81
 EIR DATE 6/2/81
 TOLL FREE SAFETY BLANKET REQUIRED

They had a PE
showing aortas
postre several
months ago
C. Miller

THIS PRESCRIPTION WILL BE FILLED GENERALLY.
389 PRESCRIPTION WRITES "D.W." IN THE BOX BELOW

Dispositive As Written

MUST BE CARRIED BY ASBESTOS SUBJECTS



CERTIFICATE NUMBER

AH 99-53293

EXPIRES

SOCIAL SECURITY NUMBER

884-58-2624

EYES

HAIR

BRN

BRN

WEIGHT

HEIGHT

228 lbs

6' 1 1/2"

ADDRESS CORRESPONDENCE TO:
(Specify certificate number)
NYS Department of Labor
DOH, License and Certificate Unit
PO Box 887, New York, NY 10014-0887

1591970

DUSH-442 (81/91)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES

C - SAMPLING TECHNICIAN (81/93)
G - SUPERVISOR (81/93)

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:

☒ Found fit to use the following respirators:

- ☒ Filter Respirator (Dust mask)
- ☒ Cartridge Respirator
- ☒ Powered Air-Purifying Respirator (PAPR)
- ☒ Supplied Air Respirator
- ☒ Self Contained Breathing Apparatus (SCBA)

☒ 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


Signature of Examining Personnel

DOSH-442 (01/71)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ABESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS (05/02)
G - SUPERVISOR

RICARDO WELSH
930 BIRCH STREET
SCHENECTADY, NY

12307

RICHARD GUCCIO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ABESTOS PROJECTS

CERTIFICATE NUMBER	
AH 00-10886	
EXPIRES	
SOCIAL SECURITY NUMBER	
095-00-9316	
EYES	HAIR
BRO	BLK
WEIGHT	HEIGHT
210 lbs.	5' 0"

181299C



ADDRESS CORRESPONDENCE TO:
RHS (Division number)
RHS Department of Labor
DOSH - License and Certification Unit
PO Box 487, New York, NY 10014-0087



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 EXAMINATIONName: Ricardo WelshDate: 6/26/01Patient D.O.B.: 5/20/70214 (NB) 205Weight 5'7" 130, 80, 65

Repeat BP if elevated

Visual Acuity
Without Glasses:Distance: Left 1 Right 1
Near: Left 1 Right 1

With Glasses:

Distance: Left 1 Right 1
Near: Left 1 Right 1**HEAD & NECK**

Head, Scalp
Lids, Sclera, Conj.
Eye Muscles
Pupils
Ears
Eustachian
Tonsils/Glands
Pharynx
Thyroid
Neck Glands
Cervical

Normal

Normal

Abnormal

Comment

CHEST

Lungs
Heart
Breast/Ax. Nodes

ABDOMINAL

Abdominal tenderness
Liver/Spleen
Abdominal bruits
Inguinal Canal/Hernia
Inguinal Nodes
Aorta

DERMATOLOGICAL

Skin Lesions
Nail Beds

EXTREMITIES

Pulses
Vascular Yells
Foot/Ankle

JOINTS

Neck
Shoulder
Hips
Upper extremities
Lower extremities

FEMALE GENITALIA

External Genitalia

Vaginal Cervix

Uterus/Ovaries

Not Done

Normal

Abnormal

Comment

MALE GENITALIA

Scrotum/Testicular Exam

Penis

RECTAL

Internal

Stool Color

NEUROLOGICAL

Mental Status

Cranial Nerves

Motor

Sensory

Tendon Reflexes

Romberg/Proprio

Gait/Coordination

TESTING

ECG

Spirometry

Urinalysis

CBC

Chemistry 50

Audiogram

Chest X-Ray

PROBLEMS: Appears healthy.	PLAN: OK full duty no rest.

6/26/01

DATE


☒ Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 98-1803

EXPIRES

SOCIAL SECURITY NUMBER

460-47-8285

EYES

BRD

HAIR

BLK

WEIGHT

180 lbs.

HEIGHT

5' 0"

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSSH - License and Certificate Unit
PO Box 837, New York, NY 10014-0657



**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

DOSSH-442 101/011

Re: VALDEZ, JULIUS IIISocial Security #: 480-47-8285Date Examined: 10-29-01Employer: CEIDear CRIG INGRAMS:

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:

- ☒ 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

6/15/99 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

5ft. 6in.

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

A - ASBESTOS HANDLER

(07/02)

LAWRENCE L ST. ANDREW
 1234 TAMARAC
 TROY, NY

12150

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREW LAURENCESocial Security #: 087-54-4519Date Examined: 10-29-01Employer: CEIDear CRAIG INGALLS:

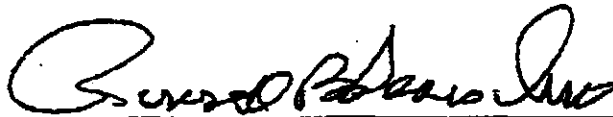
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Comments:

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**

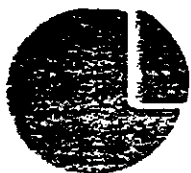
PROJECT :

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.

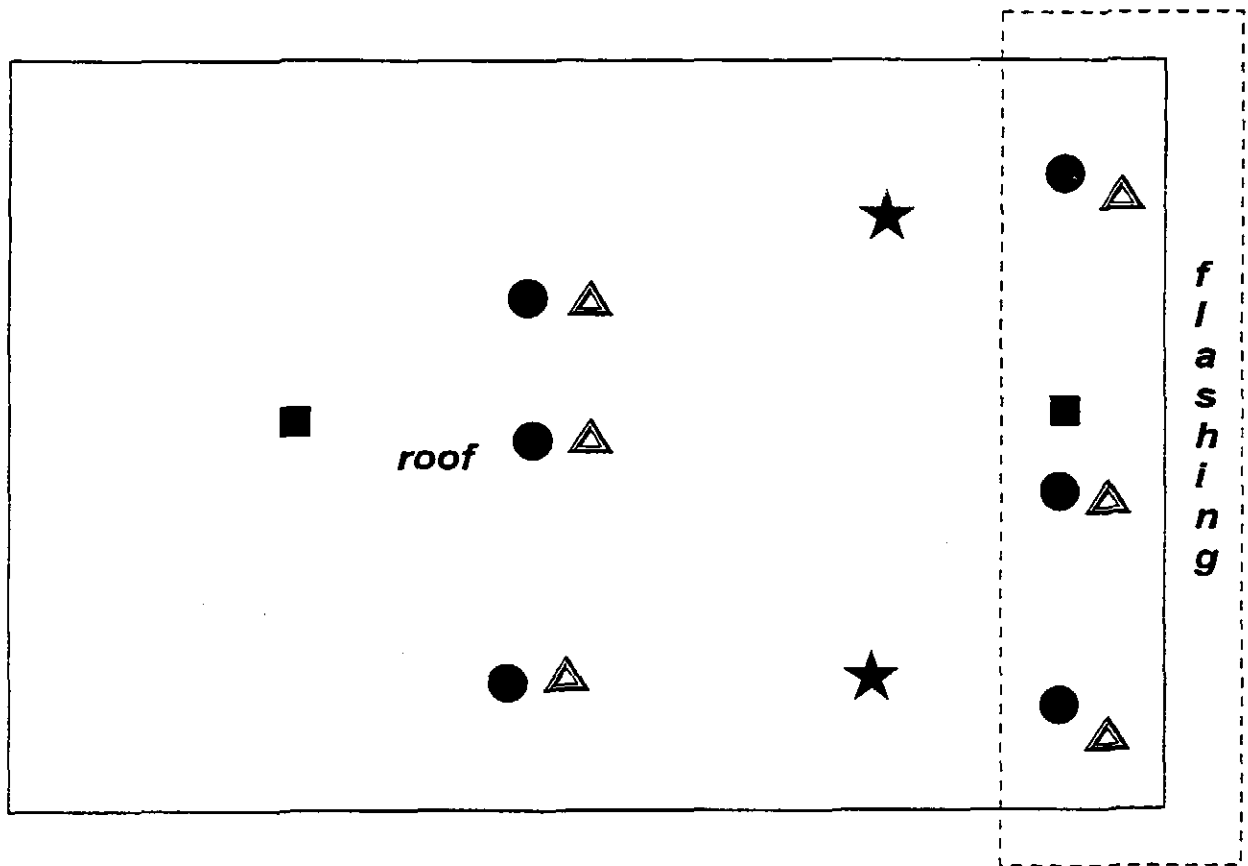
Air Sample Analysis

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	●



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



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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. (PC)	
				(F/CC)	(F/M2)
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



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



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

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: 11:30 11:31

STOP TIME: 1:30 1:31

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 Frisbie

DATE: 11/1/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

K-43

RESULTS NEEDED BY:

11/5/01

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 Fleeting

 WORK AREA: Root

 SHIFT: A

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						
ROTMETER 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	3:22	3:22	3:22	3:34	3:34	3:34						
DURATION (MIN)	1:20	1:20	1:20	1:20	1:20	1:20						
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: F

 SEALED BY: John Frisbie

 DATE: 11/1/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

K-44

RESULTS NEEDED BY:

11/5/01

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) 1st Roof Flashing

WORK AREA: Roof

SHIFT: A BACKGROUND PRE-AIR WP 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	10.01	10.01	10.01	10.01	10.01	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

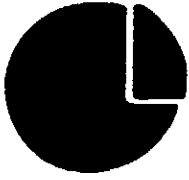
SEALED BY: <u>John M. Frisbie</u>	DATE: <u>11/2/01</u>	RECEIVED BY:	DATE:
RECEIVED BY:	DATE:	RECEIVED BY:	DATE:

REMARKS: 11/5/01

CASSETTE LOT #: K-45 RESULTS NEEDED BY:

15071A

PCM



Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, N w York 14609

AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 Main St. E. Aurora

1st 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	2:00	2:01	2:01						
DURATION: (MIN)	120	120	120	120	120	120						
SAMPLE VOLUME: (LITERS)	1200	1200	1200	1200	1200	1200						
FIBERS/FELDS:	2	3.5	1.5	.5	1	1						
FIBERS/cc	10.01	10.01	10.01	10.01	10.01	10.01	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: J. M. Frisbie

DATE: 11/2/01

RECEIVED BY:

DATE

RECEIVED BY:

DATE:

RECEIVED BY:

DATE

COMMENTS:

CASSETTE LOT #

K-46

RESULTS NEEDED BY:

AES - Alternative Environmental Services Inc Main Office: 118 Main St., PO Box 263 Clayville, NY 13322 (315) 839-6696
 AES Project #: C01-895 Page: 01 NIOSH Method 7400 Modified CRS (NIOSH A) Rules ELAP #11701

Client: Classic Environmental Inc. Project Description: Insulation Agency: AEB, Inc. Phase: FINAL Project Location: 500 Main Street, East Andora

Client Address: City State: P.O. Box 480 Clifton Park, NY 12065 Sample: Blanks: Total: 6 2 8 Sample Date: 12/03/01 Sample Recd: 12/04/01 Analyze Date: 12/04/01

Client Contact: Phone #: 518-664-1209 Fax #: 518-664-1209 Project#: C01-895 Lab#: 01-1072 Find#: 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	1380	25mm	0.000
7	Field Blank #1	0/100	0	25mm	
8	Field Blank #2	0/100	0	25mm	
9					
10					
11					
12					
13					
14					

COMMENTS:

ANALYZED BY:

" LOD - Limit of Detection - 7.0 fmmf"
 " LOU - Lowest Level of Reliable Quantification

SERVICE TRANSPORT GROUP, INC.

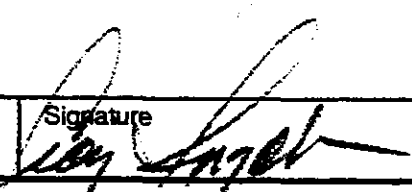
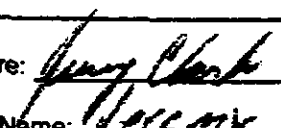
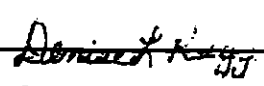
P.O. BOX 2132, BRISTOL, PA 19007

PHONE: (877) 999-9559

No 78874

WASTE SHIPMENT RECORD

S.T.G. # **11459**

GENERATOR	1. Material Origin Site MR. C's Cleaners Rocky		Generator: Name/Address MR. C's Cleaners 586-MAIN STREET E. AURORA, New York		Generator: Phone # 914-942-7000
	2. Removal Contractor: Name/Address Classic Environmental, Inc. P.O. Box 488 Clifton Park, NY 12065				Contractor: Phone # 518-354-1200
	3. Responsible Agency: Name/Address U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278		4. US DOT Class - FRIABLE ASBESTOS ONLY RQ ASBESTOS, 9, NA 2212, PG III		
	5. Description of Materials Specify Friable or Non-Friable Non Friable Rocky material		Containers No. _____ Type Non-friable	Total Quantity 20 Bags.	
TRANSPORTER	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, USEPA, 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 listed, I accept the RETURN of the COMPLETE LOAD to the generator's service location at the generator's expense.				
	Printed/Typed Name & Title CRAIG INGALLS		Signature 		Date 11/02/01
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.				
DISPOSAL SITE	Company Name & Address Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007		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		Signature:  Printed Name: Denise L. Rugg Title: Advisor		Telephone No. 877-999-9559 Date: _____
	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	

?

PHONE:(877) 999-9559

WASTE SHIPMENT RECORD

S.T.G. #

GENERATOR	1. Material Origin Site <i>MR C'S CLEANERS</i> <i>ROOF VENT.</i>		Generator Name/Address <i>MR C'S CLEANERS</i> <i>77 MAIN STREET</i> <i>EAST AURORA, N.Y.</i>		Generator Phone # <i>N/A</i>	
	2. Removal Contractor Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 480</i> <i>Clifton Park, NY 12065</i>				Contractor Phone # <i>518-664-1209</i>	
	3. Responsible Agency Name/Address <i>U.S. EPA Region II</i> <i>26 Federal Plaza, Room 505</i> <i>New York, NY 10278</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY <i>RQ ASBESTOS, 9, NA 2212, PG III</i>			
	5. Description of Materials Specify Friable or Non-Friable <i>Asbestos Covering of Heat Vent</i>		Containers No. <i>1</i>		Type <i>NON-FRIABLE</i>	
TRANSPORTER	6. Special Handling Instructions <i>24-hour emergency spill response no. 800-424-9300</i>					
	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 <i>Craig Ingalls</i>		Signature <i>[Signature]</i>		Date <i>12/3/01</i>	
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.					
DISPOSAL SITE	Company Name & Address		Signature: _____		Telephone No. _____	
			Printed Name: _____		Date: _____	
			Title: _____			
DISPOSAL SITE	9. Transporter 2 (Acknowledgement of Receipt of Materials)		Signature: _____		Telephone No. _____	
	Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i>		Printed Name: _____		Date: _____	
	Profile #00534		Title: _____			
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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottsdale, PA 15683</i> Permit No. <i>100281</i>		Signature: _____		Telephone No. <i>724-887-9400</i>	
			Printed Name: _____		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 INSURANCECSR CP
CLASS-6DATE (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

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

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

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.

INSURER LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY CLAIMS MADE ☒ OCCUR ☒ Professional Liab ☒ Pollution Liab GEN'L AGGREGATE LIMIT APPLIES PER ☒ POLICY ☐ PROJECT ☐ LOC	POL 01-2344-001	05/22/01	05/22/02	EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☒ SCHEDULED AUTOS ☒ HIRE/LEASED AUTOS ☒ NON-OWNED AUTOS	BA 5E 23 58	08/25/01	08/25/02	COMBINED SINGLE LIMIT (EA accident) \$ 300,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY EA ACC \$ AGG \$
	GARAGE LIABILITY ☐ ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY EA ACC \$ AGG \$
	EXCESS LIABILITY ☐ OCCUR ☐ CLAIMS MADE DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS LIABILITY	WC-00002082000-00	05/22/01	05/22/02	☒ NO STATUTORY LIMITS E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
	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

CANCELLATION

TYRES01

Tyres Organization
4 Northway Lane
Latham NY 12110

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.

[Signature]
© ACORD CORPORATION 1999

CEI

CLASSIC ENVIRONMENTAL INC.

DAILY SITE LOG

DATE 11/2/01

LOCATION 586 Main St East Amherst NY

PROJECT Ty Rec

WEATHER 50° cloudy

SUPERVISOR SIGNATURE

[Signature]

PRINT

Greg Streeter

TIME	DESCRIPTION OF WORK
0800	On Site with 3 Carriers / met with Ty Rec (Robert Blaw) we will be having a safety meeting prior to any work on site / safety meeting conducted by Ty Rec safety man / Ocean trailer moved to side of Bldg / 3 Stage OSHA Ocean Setup in the trailer / water hoses to trailer and back / tools and equipment up onto the roof / Safety Lines Set up / Rockier type Set up
1100	Starting to do removal of the brick flashing - Approx- imately 75' of Acum to be removed / wetted Area and cut the line with the cutter / There is a metal sheeting over lined the wooden kant - we are going to do removal down to the wooden kant / wetted back - Bragg and putting bags near the carriers
1200	All of the flashing is off the wall and being wetted - Bragg 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 tightness of the wall
1400	Decom to down - All waste loaded - we will be returning in 2-3 weeks to do removal of the 100 sq ft of duct insulation -
	<u>GLS</u>

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT: Tyree Organization	PROJECT #:
LOCATION: 586 main ST WEST AN ROLA NJ	DATE: 11/2/01
SUPERVISOR: Greg Strecker	SHIFT: D4+5

Employee Name	S.S. Number	IN	OUT	IN	OUT
Julius Valdez	460 47 8285	0800	1400		
LARRY Sfrangola	087-54457	0800	1400		
PICKERIN WELSH	09560 9316	0800	1400		
Greg Strecker	112-54-557A	0800	1400		

impv

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 sm section 13 feet will glow bag pick up
9:30	Pop-up built up starting to suit up and glow bag being put-up now.
10:00	glow bag 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 12 hour job complete
	<i>[Signature]</i>

CLASSIC ENVIRONMENTAL INC.

[illegible]

JASON BARADY	072-684209	9:00	12:00		

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 122367024	8)
2) CHRIS O'GRADY 084-58-2424	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: STELETZ, GREGORY L

Social Security #: 110-54-579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. INGAUS:

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:

- ☒ 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 Manager
4/00 - 2/01	Allied Environmental Services, Inc / Rensselaer, NY Operations Manager
5/98 - 2/00	Environmental Products & Services, Inc / Albany, NY Project Manager/Operation Manager
4/95-5/98	A+ Environmental Services Inc, Rensselaer, NY Project Manager/Project Supervisor
2/95-4/95	MARCO Remediation, Albany, New York Field Employee

References: Available upon request

MUST BE CARRIED ON ALL 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

176-123

DOSH-442 (01/77)



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 E. INCALLS
 163 ANTHONY RD.
 CLIFTON PARK, NY

12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

DEPT. OF HEALTH & HUMAN SERVICES
 DIVISION OF DRUGS & COSMETICS
 1015 K STREET, N.W.
 WASHINGTON, D.C. 20514
 DEPARTMENT OF HEALTH & HUMAN SERVICES
 DIVISION OF DRUGS & COSMETICS
 1015 K STREET, N.W.
 WASHINGTON, D.C. 20514
 DEPARTMENT OF HEALTH & HUMAN SERVICES
 DIVISION OF DRUGS & COSMETICS
 1015 K STREET, N.W.
 WASHINGTON, D.C. 20514

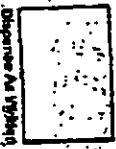
NAME Chris Insabbe AGE 41
 DATE 4/8/01

REASON FOR VISIT ALLERGY

*Chris had a PE
 showing asbestos
 - possible several
 months ago
 of asbestos*

THIS PRESCRIPTION WILL BE FILLED GENERALLY
 AS PRESCRIBED WRITES IN IN THE BOX BELOW.

IN UNIT
 Label



Dispense As Written (P) 107339

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER	
AH 97-53293	
EXPIRES	
SOCIAL SECURITY NUMBER	
084-58-2624	
EYES	HAIR
BRN	BRN
WEIGHT	HEIGHT
226 lbs	6' 1"

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH License and Certificate Unit
PO Box 587, New York, NY 10014-0587

1591970

DOSH-442 (01/77)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES

C - SAMPLING TECHNICIAN (01/03)
G - 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:

☒ Found fit to use the following respirators:

- ☒ Filter Respirator (Dust mask)
- ☒ Cartridge Respirator
- ☒ Powered Air-Purifying Respirator (PAPR)
- ☒ Supplied Air Respirator
- ☒ Self Contained Breathing Apparatus (SCBA)

☒ 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


Signature of Examining Personnel

DUSH-442 (01/71)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS (05/02)
G - SUPERVISOR

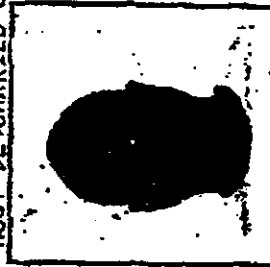
RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY

12307

RICHARD CUCCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS

CERTIFICATE NUMBER	
AH 00-10886	
EXPIRES	
SOCIAL SECURITY NUMBER	
095-60-9316	
EYES	HAIR
BRN	BLK
WEIGHT	HEIGHT
210 lbs.	5' 07"



ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYSDOL - License and Certificate Unit
PO Box 887, New York, NY 10014-0887

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 130, 80, 65 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	Concordant
Head, Scalp	_____	_____	_____	_____
Lids, Sclera, Conj.	_____	_____	_____	_____
Eye Muscles	_____	_____	_____	_____
Pupils	_____	_____	_____	_____
Ears	_____	_____	_____	_____
Eyes	_____	_____	_____	_____
Nose/Sinuses	_____	_____	_____	_____
Teeth/Gums	_____	_____	_____	_____
Pharynx	_____	_____	_____	_____
Thyroid	_____	_____	_____	_____
Neck Glands	_____	_____	_____	_____
Cervical	_____	_____	_____	_____

CHEST

Lungs	_____	_____	_____	_____
Heart	_____	_____	_____	_____
Breasts/Ax. Nodes	_____	_____	_____	_____

ABDOMINAL

Abdominal tenderness	_____	_____	_____	_____
Liver/Spleen	_____	_____	_____	_____
Abdominal bruits	_____	_____	_____	_____
Inguinal Caud/Hernia	_____	_____	_____	_____
Inguinal Nodes	_____	_____	_____	_____
Aorta	_____	_____	_____	_____

DERMATOLOGICAL

Skin Lesions	_____	_____	_____	_____
Nail Beds	_____	_____	_____	_____

EXTREMITIES

Pulses	_____	_____	_____	_____
Vertebral Yells	_____	_____	_____	_____
Distal Edema	_____	_____	_____	_____

JOINTS

Neck	_____	_____	_____	_____
Shoulders	_____	_____	_____	_____
Hips	_____	_____	_____	_____
Upper extremities	_____	_____	_____	_____
Lower extremities	_____	_____	_____	_____

FEMALE GENITALIA

External Genitalia

Vaginal Canal

Uterus/Adnexa

Not Done

Normal

Abnormal

Correct

MALE GENITALIA

Genitalia/Testicular Exam

Prostate

RECTAL

Pro-rectal

Stool Exam

NEUROLOGICAL

Mental Status

Cranial Nerves

Motor

Sensory

Tendon Reflexes

Romberg/Proprio

Gait/Coordination

TESTING

ECG

Spirometry

Urinalysis

CBC

Chemistry 30

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

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 98-1805

EXPIRES

SOCIAL SECURITY NUMBER

460-47-8285

EYES

BRD

HAIR

BLK

WEIGHT

180 lbs.

HEIGHT

5ft. 0in.

ADDRESS CORRESPONDENCE TO:

(Include certificate number)

NYS Department of Labor

DOSSH - License and Certificate Unit

PO Box 837, New York, NY 10014-0837



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

DOSSH-440 (04/01)

Re: VALDEZ, JULIUS IIISocial Security #: 480-47-8285Date Examined: 10-29-01Employer: CEIDear CRIS INSAL:

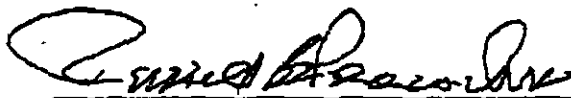
After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

- ☒ 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

6/15/99 Clearance - Qualified

RMF0018

MUST BE CARRIED ON ASBESTOS PROJECTS

CERTIFICATE NUMBER

AH 92-02372

EXPIRES

SOCIAL SECURITY NUMBER

087-54-4519

EYES

HAIR

BRD

BRD

WEIGHT

HEIGHT

150 lbs.

5ft. 6in.

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

A - ASBESTOS HANDLER

(07/02)

LAWRENCE L ST. ANDREW
 1234 TAMARAC
 TROY, NY

12150

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREW LAURENCESocial Security #: 087-54-4519Date Examined: 10-29-01Employer: CEIDear 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:

- ☒ 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**

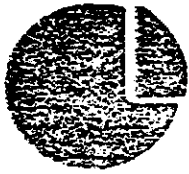
PROJECT :

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.

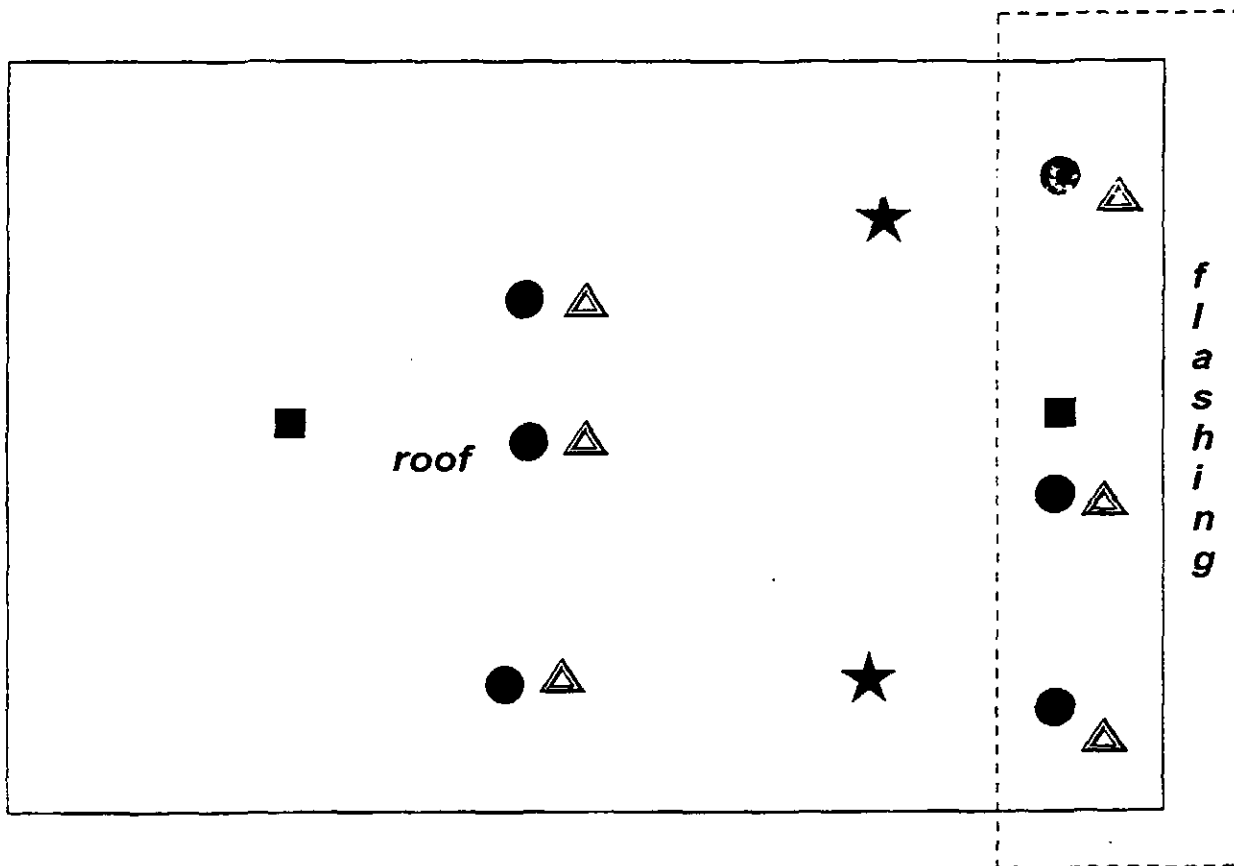
Air Sample Analysis

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

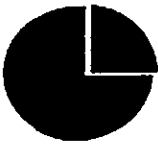


AIR SAMPLING LOCATIONS
 ROOF
 SMALL ROOF FLASHING

AIR SAMPLE KEY

BACKGROUND	■
PRE-ABATEMENT	△
WORK IN PROGRESS	★
FINAL	●

586 MAIN STREET
 EAST AURORA, NEW YORK



Lozier Laboratories, Inc.

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

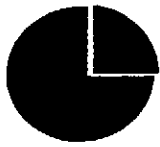
Sample Date: 11/01/01
Sampler: J. Frisbie
Location: Roof

Analysis Date: 11/05/01
Analyst: C. Stephens
Number of Samples: 4

ASBESTOS AIR REPORT

LAB ID#	CASSETTE #	LOCATION	VOLUME (L)	AIRBORNE CONC. (F)	
				(E/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



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



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

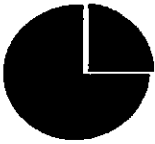
Analyst: C. Stephens

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



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

15076A


Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

AIR MONITORING

CLIENT NAME: <u>Classic Environmental</u>									
LOCATION: <u>586 main st</u> <u>E. Aurora</u> <u>1st Roof Flash</u>									
WORK AREA: <u>Roof</u>									
SHIFT: <u>A</u> ☒ BACKGROUND ☐ PRE-AIR ☐ WIP ☐ FINAL ☐ ENV 									

SAMPLE NUMBER:	LABORATORY ID:	SAMPLE LOCATION:	ROTOMETER NUMBER:	STARTING FLOW RATE:	ENDING FLOW RATE:	AVERAGE FLOW RATE (L/MIN):	START TIME:	STOP TIME:	DURATION (MIN):	SAMPLE VOLUME (LITERS):	FIBERS/FIELDS:	FIBERS/CC:
I1 02 B1 B2	1 2 3 4	I1 02	17 17	10 10	10 10	10 10	11:30 11:31	1:30 1:31	120 120	1200 1200	7.5 3 0 0	10.01 10.01 NA NA

SAMPLED BY: <u>John Frisbie</u>		DATE SAMPLED: <u>11/1/01</u>	
TRANSPORTED FROM: <u>586 main st</u>		DATE TRANSPORTED: <u>11/1/01</u>	
TRANSPORTED TO: <u>Lozier</u>		TRANSPORTED BY: <u>J</u>	

SEALED BY: <u>John Frisbie</u>	DATE: <u>11/1/01</u>	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 (Aurora) 1st 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	25	1	1	5	0	0												
FIBERS/cc	10.01	10.01	10.01	10.01	10.01	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: E

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

1st 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						
AVERAGE 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	2:00	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						
FIBERS/cc	20.0	40.0	20.0	10.0	40.0	40.0	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 Frisbie

DATE: 11/2/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:

SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007

PHONE: (877) 999-9559

N2 78874

WASTE SHIPMENT RECORD

S.T.G. # **11459**

GENERATOR	1. Material Origin Site <i>MT. O'CLEANES</i> <i>Rocky</i>		Generator: Name/Address <i>MT O'S CLEANES</i> <i>586 MAIN STREET</i> <i>E. AURORA, NEW YORK</i>		Generator: Phone # <i>914-942-7000</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 480</i> <i>Clinton Park, NY 12065</i>				Contractor: Phone # <i>516-664-1000</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>26 Federal Plaza, Room 600</i> <i>New York, NY 10278</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY RQ ASBESTOS, 9, NA 2212, PG III		
	5. Description of Materials Specify Friable or Non-Friable <i>Non Friable Rocky material</i>		Containers No. _____ Type _____		Total Quantity <i>20 Bags</i>
TRANSPORTER	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 <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>		Date <i>11/02/01</i>
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.				
DISPOSAL SITE	Company Name & Address		Signature: _____		Telephone No. _____
			Printed Name: _____		Date: _____
			Title: _____		
	9. Transporter 2 (Acknowledgement of Receipt of Materials) Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i> Profile #00534		Signature: <i>[Signature]</i> Printed Name: <i>Jeremy</i> Title: <i>Driver</i>		Telephone No. <i>877-999-9559</i> Date: _____
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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i> Permit No. <i>100281</i>		Signature: <i>[Signature]</i> <i>Denise L. Rugg</i> Printed Name: <i>NOV 28 2001</i> Title: _____		Telephone No. <i>724-887-9400</i> Date _____	

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 <i>MR C'S CLEANERS</i> <i>ROOF VENT.</i>		Generator Name/Address <i>MR C'S CLEANERS</i> <i>77 MAIN STREET</i> <i>EAST AURORA, N.Y.</i>		Generator: Phone # <i>N/A</i>
	2. Removal Contractor: Name/Address Classic Environmental, Inc. P.O. Box 480 Clifton Park, NY 12065				Contractor: Phone # 518-664-1209
	3. Responsible Agency: Name/Address U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278		4. US DOT Class - FRIABLE ASBESTOS ONLY RQ ASBESTOS, 9, NA 2212, PG III		
	5. Description of Materials Specify Friable or Non-Friable <i>Asbestos Covering of Heat Vent</i>		Containers No.	Type <i>Non-Friable</i>	Total Quantity <i>1-BAG</i>
TRANSPORTER	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, U.S.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 <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>		Date <i>12/3/01</i>
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: _____
DISPOSAL SITE	9. Transporter 2 (Acknowledgement of Receipt of Materials)		Signature: _____ Printed Name: _____ Title: _____		Telephone No. _____ Date: _____
	Company Name & Address Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007 Profile #00534				
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)				
DISPOSAL SITE	Company Name & Address Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683 Permit No. 100281		Signature: _____ Printed Name: _____ Title: _____		Telephone No. _____ 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

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

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

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

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.

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☒ OCCUR ☒ Professional Liab ☒ Pollution Liab GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC	POL 01-2344-001	05/22/01	05/22/02	EACH OCCURRENCE \$ 1000000 FIRE DAMAGE (Any one fire) \$ 50000 MED EXP (Any one person) \$ 5000 PERSONAL & ADV INJURY \$ 1000000 GENERAL AGGREGATE \$ 2000000 PRODUCTS - COMPLE AGG \$ 2000000
AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☒ SCHEDULED AUTOS ☒ HIRE/AUTOS ☒ NONOWNED AUTOS	BA 52 23 58	08/25/01	08/25/02	COMBINED SINGLE LMT (Per accident) \$ 300000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
GARAGE LIABILITY ☐ ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY AGG \$
EXCESS LIABILITY ☐ OCCUR ☐ CLAIMS MADE ☐ DEDUCTIBLE ☐ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
WORKERS COMPENSATION AND EMPLOYERS LIABILITY	WC-00002082000-00	05/22/01	05/22/02	☒ NO STATUTORY LIMITS EL EACH ACCIDENT \$ 100000 EL DISEASE - EA EMPLOYEE \$ 100000 EL DISEASE - POLICY LIMIT \$ 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

☒ ADDITIONAL INSURED; INSURER LETTER: A

CANCELLATION

TYREBO1

Tyres Organization
4 Northway Lane
Latham NY 12110

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.

[Signature]

CEI

CLASSIC ENVIRONMENTAL INC.

DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MAIN ST EAST ANDOVER MA
 PROJECT Ty Rec WEATHER 50° cloudy
 SUPERVISOR SIGNATURE [Signature] PRINT Greg Stiecker

TIME	DESCRIPTION OF WORK
0800	On Site with 3 Lazzeros / met with Ty Rec (Robert Blaw) we will be having a safety meeting prior to any work on site / safety meeting conducted by Ty Rec safety man / Decom trailer moved to side of Bldg / 3 Stage OSHA Decom Setup on the trailer / water down to trailer and roof / tools and equipment up onto the roof / Safety Lines Set up / Barrier tape set up
1100	Starting to do removal of the B.R. Flashing - Approx- mately 75' of Acum to be removed / weather AREA and cut the line with the cutter / There is a metal sheeting over layer the wooden kant - we are going to do removal down to the wooden kant / weather B.R. - Bagging and Putting Bags near the Lazzeros
1200	All of the Flashing is off the wall and B.R. weathered - Bagged and cleaned - Doing a final cleanup 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 tightness of the wall
1400	Decom torn down - All waste loaded - we will be returning in 2-3 weeks to do removal of the 100 Sq Ft of Duct Ins. Cant -
	~~615~~

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT: Tyree Organization	PROJECT #:
LOCATION: 586 main ST EAST Amherst NY	DATE: 11/2/01
SUPERVISOR: Greg Streeter	SHIFT: D475

Employee Name	S.S. Number	IN	OUT	IN	OUT
Julius Valdez	466-47-8285	0800	1400		
LARRY Strickland	087-544579	0800	1400		
RICHARD WELSH	09560-9316	0800	1400		
Greg Streeter	112-54-5716	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 sm section 13 feet will glovebag pick up
9:30	Pop-up built up 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
	~~[Signature]~~

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT:	PROJECT #:
LOCATION: <i>MR. C's CLEANERS</i>	DATE: <i>12/3/01</i>
SUPERVISOR: <i>CRAIG Ingalls</i>	SHIFT: <i>DAY</i>

Employee Name	S.S. Number	IN	OUT	IN	OUT
<i>CRAIG Ingalls</i>	<i>122-36-1024</i>	<i>9:00</i>	<i>12:00</i>		
<i>RICHARD WELSH</i>	<i>095609316</i>	<i>9:00</i>	<i>12:00</i>		
<i>Chris O'Grady</i>	<i>084-58-2624</i>	<i>9:00</i>	<i>12:00</i>		

AIR MONITOR or VISITOR

<i>JASON BARADY</i>	<i>072-684209</i>	<i>9:00</i>	<i>12:00</i>		

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 INGRAM

Project:

MR C'S CLEANERS

Location:

Root Top Unit.

TOPIC OF DISCUSSION:

Fall Protection

ACCIDENTS REVIEWED:

OTHER:

LIST OF ATTENDEES (Name & SS#)

1) CRAIG INGRAM 125-36-1024	8)
2) Chris O'Grady 084-58-2424	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

HAZ

HAIR

RED

WEIGHT

210 lbs.

HEIGHT

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

(09/01)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY

12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STREET, 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:

- ☒ 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]
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 Manager
4/00 - 2/01	Allied Environmental Services, Inc / Rensselaer, NY Operations Manager
5/98 - 2/00	Environmental Products & Services, Inc / Albany, NY Project Manager/Operation Manager
4/95-5/98	A+ Environmental Services Inc, Rensselaer, NY Project Manager/Project Supervisor
2/95-4/95	MARCO Remediation, Albany, New York Field Employee

References: Available upon request

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 05-11403	
EXPIRES	
SOCIAL SECURITY NUMBER	
122-36-1024	
EYES	HAIR
BRO	GRY
WEIGHT	HEIGHT
250 lbs.	5 ft 6 in.

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)

CRATE R INCALLS
163 ANTHONY RD.
CLIFTON PARK, NY

12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

CLIFTON PARK FARM MEDICINE
 SHELL ET B. JUSTA, M.D.
 DEA # NJ 0706400 L.C. # 197224
 EMERGENCY, EDWARDS, N.J.
 OCA # 06 115041 L.D. # 176445
 EDWARDS MEDICAL CENTER, P.A.
 DEA # NJ 004378 L.D. # 001007-1
 8 CO-ELISA PLACE, WHITE HOB
 CLIFTON PARK, NJ 07030
 (908) 263-0800

NAME Ernest Insola AGE 54 1/2
 DATE 11/8/01
 TOTAL # NOT SAFETY INFORMATION

*has had a PE
 involving asbestos
 positive several
 months ago*
Stomach

THIS PRESCRIPTION WILL BE FILLED GENERALLY
 AS PRESCRIBER WRITES OR IN THE BOX BELOW

IN _____ times
 Label _____
 Dispense As Written ☐

11/8/01 15:02:00

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 99-93293

EXPIRES

SOCIAL SECURITY NUMBER

084-58-2624

EYES

BRN

HAIR

BRN

WEIGHT

226 lbs.

HEIGHT

6' 4"

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 (01/71)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES

C - SAMPLING TECHNICIAN (01/93)
E - 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:

☒ Found fit to use the following respirators:

- ☒ Filter Respirator (Dust mask)
- ☒ Cartridge Respirator
- ☒ Powered Air-Purifying Respirator (PAPR)
- ☒ Supplied Air Respirator
- ☒ Self Contained Breathing Apparatus (SCBA)

☒ 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


Signature of Examining Personnel

WUSH-442 (01/71)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH



ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS (03/02)
G - SUPERVISOR

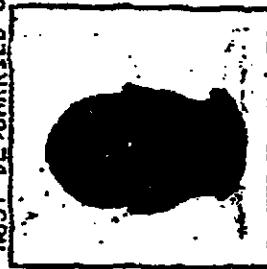
RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY

12307

RICHARD GUCCIOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS

CERTIFICATE NUMBER	
AH 00-18884	
EXPIRES	
SOCIAL SECURITY NUMBER	
095-60-9316	
EYES	HAIR
BRN	BLK
WEIGHT	HEIGHT
210 lbs	5' 07"



ADDRESS CORRESPONDENCE TO:
(Include certificate number)
NYSDOL - Division of Labor
00894 - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1812990

Eastern New York Occupational & Environmental Health Center1873 Western Avenue • Albany, New York 12203
518/690-4420 • 800/419-1230 • FAX: 518/690-4427

PHYSICAL EXAMINATION

Name: Ricardo WelshDate: 6/26/01Patient D.O.B.: 5/20/70214 (NB) 205Height 5'7" Weight 130, 80, 65

Repeat BP if elevated

Visual Acuity
Without Glasses:Distance: Left 1 Right 1
Near: Left 1 Right 1

With Glasses:

Distance: Left 1 Right 1
Near: Left 1 Right 1

HEAD & NECK

Head, Scalp
Ears, Etc., Conj.
Eye Muscles
Pupils
Fond
Ears
Nose/Throat
Teeth/Gums
Pharynx
Thyroid
Neck Glands
Carotids

Not Done

Normal

Abnormal

Comment

CHEST

Lungs
Heart
Breasts/Lc. Nodes

ABDOMINAL

Abdominal tenderness
Liver/Spleen
Abdominal bruits
Inguinal Cyst/Hernia
Inguinal Nodes
Aorta

DERMATOLOGICAL

Skin Lesions
Nail Beds

EXTREMITIES

Pulses
Vertebral Veins
Pedal Edema

JOINTS

Neck
Back
Hips
Upper extremities
Lower extremities

FEMALE GENITALIA

External Genitalia
Vaginal Canal
Uterus/Myometrium

Not Done

Normal

Abnormal

Comment

MALE GENITALIA

Genitalia/Testicular Exam
Prostate

RECTAL

Pro-rectal
Stool Exam

NEUROLOGICAL

Mental Status
Cranial Nerves
Motor
Sensory
Tendon Reflexes
Romberg/Proprioception
Gait/Coordination

TESTING

ECG
Splanchnic
Urinalysis
CBC
Chemistry 20
Autoimmune
Chest X-Ray

PROBLEMS:	PLANS:
appears healthy.	OK full duty no rest.

6/26/01

DATE

L. Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 98-1805

EXPIRES

SOCIAL SECURITY NUMBER

460-47-8285

EYES

BRO

HAIR

BLK

WEIGHT

180lbs.

HEIGHT

5' 0"

ADDRESS CORRESPONDENCE TO:

(include certificate number)

NY State Department of Labor

DOSH - License and Certificate Unit

PO Box 837, New York, NY 10014-0837



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-447 (04/02)

Re: VALDEZ, JULIUS IIISocial Security #: 480-47-8285Date Examined: 10-29-01Employer: CETDear GRIG INSALLS:

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:

- ☒ 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).

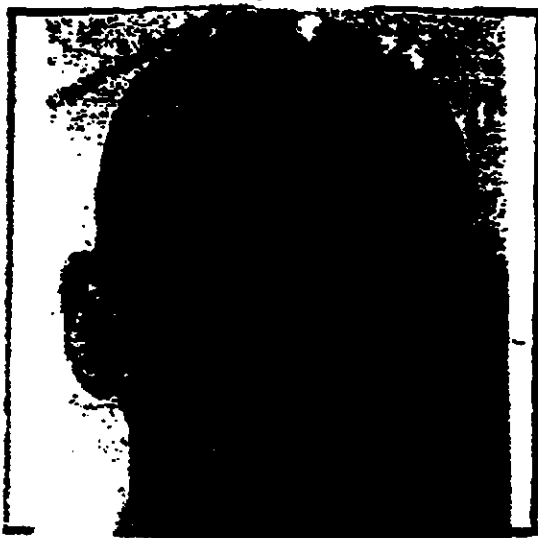
Comments:

10-29-01
Date


Signature of Examining Personnel

6/15/99 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
 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
 A - ASBESTOS HANDLER (07/02)

LAWRENCE L ST. ANDREW
 1234 TAMARAC
 TROY, NY

12150

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREW, LAWRENCESocial Security #: 087-54-4519Date Examined: 10-29-01Employer: CEIDear 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:

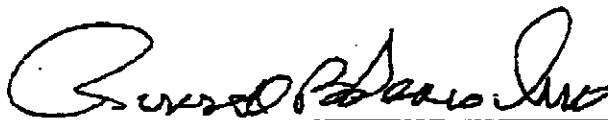
Recommendations:

- ☒ 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.

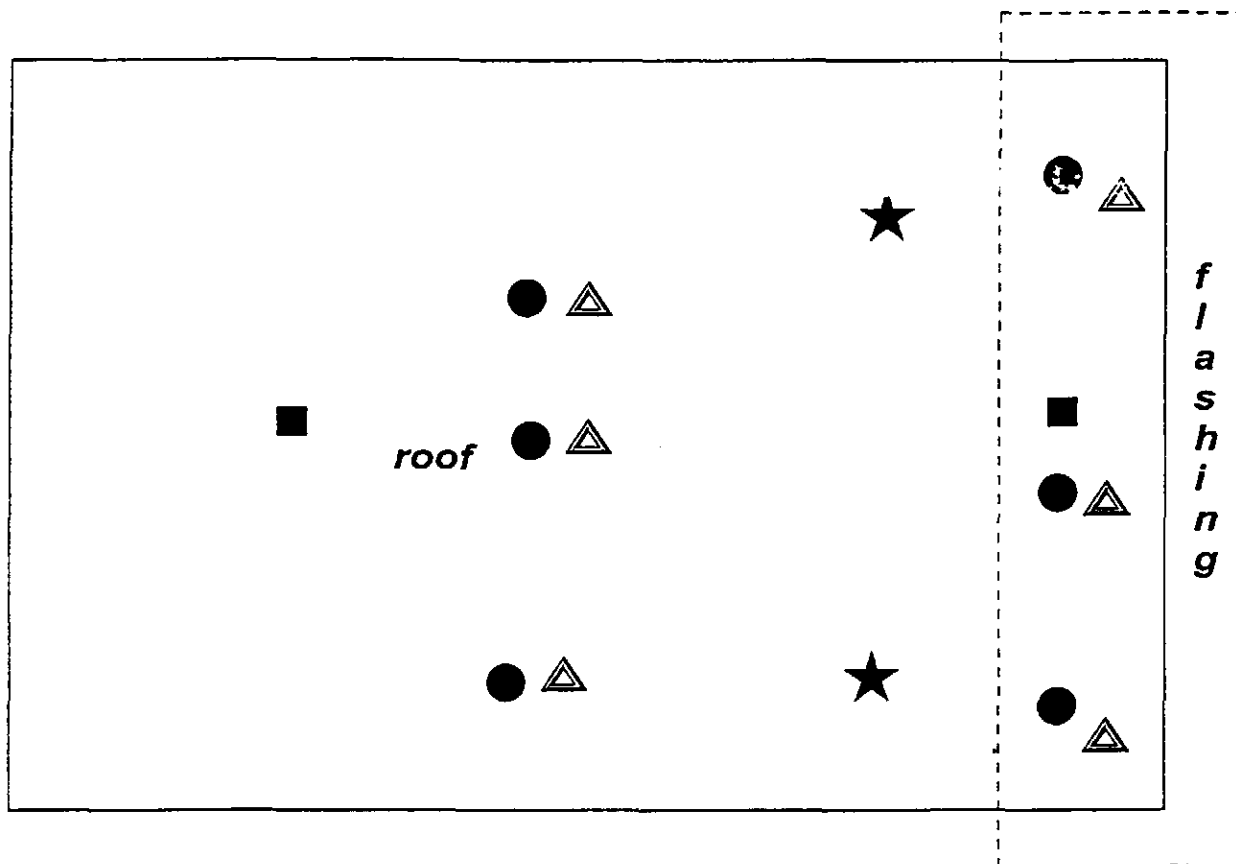
Air Sample Analysis

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	●



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.	
				(E/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



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

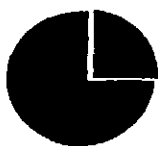
Sample Date: 11/01/01
Sampler: J. Frisbie
Location: Roof

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



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



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

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 O2 B1 B2

 LABORATORY ID: 1 2 3 4

 SAMPLE LOCATION: I1 O2

 ROTOMETER NUMBER: 17 17

 STARTING FLOW RATE: 10 10

 ENDING FLOW RATE: 10 10

 AVE. FLOW RATE (L/MIN): 10 10

 START TIME: 11:30 11:31

 STOP TIME: 1:30 1:31

 DURATION (MIN): 120 120

 SAMPLE VOLUME (LITERS): 1200 1200

 FIBERS/FIELDS: 7.5 3

 FIBERS/cc: 10.01 10.01 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 Frisbie DATE: 11/1/01

RECEIVED BY: DATE:

RECEIVED BY: DATE:

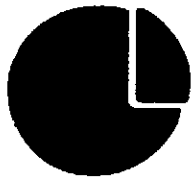
RECEIVED BY: DATE:

COMMENTS:

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 Flacking

 WORK AREA: Root

 SHIFT: 2

BACKGROUND

PRE-AIR

WP

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								
PICTOMETER 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	322	322	322	334	334	334								
DURATION: (MIN)	120	120	120	120	120	120								
SAMPLE VOLUME: (LITERS)	1200	1200	1200	1200	1200	1200	✓	✓						
FIBERS/RELS:	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: F

 SEALED BY: John Frisbie

 DATE: 11/1/01

RECEIVED BY:

DATE

RECEIVED BY:

DATE

RECEIVED BY:

DATE

COMMENTS:

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)
1st 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 25 1 1 5 0 0

 FIBERS/cc: 10.01 10.01 10.01 10.01 10.01 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 Frisbie

 DATE: 11/2/01

RECEIVED BY: _____ DATE: _____

RECEIVED BY: _____ DATE: _____

RECEIVED BY: _____ DATE: _____

COMMENTS:

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

1st 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 12:00 12:00 12:00

STOP TIME: 2:00 2:00 2:00 2:00 2:00 2:00

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

FIBERS/cc: 20.0 40.0 10.0 10.0 10.0 10.0 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 Frisbie

DATE: 11/2/01

RECEIVED BY:

DATE

RECEIVED BY:

DATE

RECEIVED BY:

DATE

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:

AES - Alternative Environmental Services Inc Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 839-6696
AES Project #: C01-895 **Page:** 01 **NIOSH Method 7400 Modified CRS (NIOSH A) Rules** **ELAP #11701**

Client: Classic Environmental Inc. **Project Description:** Insulation **Agency:** AES, Inc. **Phase:** FINALS **Project Location:** 588 Main Street, East Andora

Client Address: City State: Clifton Park, NY 12065 **Sample Blanks: Total:** 6 **Sample Date:** 12/03/01 **Sample Recd: Analyze Date:** 12/04/01

Client Contact: Phone #: 518-664-1209 **Fax #:** 518-664-1209 **Project#:** C01-895 **Lab#:** 01-1072 **Find#:** 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	25mm	-----
9					
10					
11					
12					
13					
14					

COMMENTS:

ANALYZED BY:

"" LOD - Limit of Detection - 7.0 f/mmm
 - LOQ - Lowest Level of Reliable Quantification

PHONE:(877) 999-9559

№ 94678

WASTE SHIPMENT RECORD

S.T.G. #

GENERATOR	1. Material Origin Site <i>MR C'S CLEANERS</i> <i>ROOF VENT.</i>		Generator Name/Address <i>MR C'S CLEANERS</i> <i>77 MAIN STREET</i> <i>EAST AURORA, N.Y.</i>		Generator Phone # <i>N/A</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 480</i> <i>Clifton Park, NY 12065</i>				Contractor Phone # <i>518-664-1209</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>26 Federal Plaza, Room 505</i> <i>New York, NY 10278</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY <i>RQ ASBESTOS, 9, NA 2212, PG III</i>		
	5. Description of Materials Specify Friable or Non-Friable <i>Asbestos Covering of Heat Vent</i>		Containers No. _____ Type _____ <i>NON-FRIABLE</i>		Total Quantity <i>1-BAG</i>
TRANSPORTER	6. Special Handling Instructions <i>24-hour emergency spill response no. 800-424-9300</i>				
	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. <i>Craig Ingalls</i>				
	Printed/Typed Name & Title <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>		Date <i>12/3/01</i>
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: _____
TRANSPORTER	9. Transporter 2 (Acknowledgement of Receipt of Materials)				
	Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i> <i>Profile #00534</i>		Signature: _____ Printed Name: _____ Title: _____		Telephone No. <i>877-999-9559</i> 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)				
DISPOSAL SITE	Company Name & Address <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i> Permit No. <i>100281</i>		Signature: _____ Printed Name: _____ Title: _____		Telephone No. <i>724-887-9400</i> Date: _____

SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007

PHONE: (877) 999-9559

№ 78874

WASTE SHIPMENT RECORD

S.T.G. # 71459

GENERATOR	1. Material Origin Site <i>MR. C's Cleaners</i> <i>Rochester</i>		Generator: Name/Address <i>MR C's CLEANERS</i> <i>586 MAIN STREET</i> <i>E. AURORA, NEW YORK</i>		Generator: Phone # <i>714-442-7000</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 430</i> <i>Clinton Park, NY 12065</i>				Contractor: Phone # <i>518-864-1200</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>20 Federal Plaza, Room 500</i> <i>New York, NY 10278</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY <i>RQ ASBESTOS, 9, NA 2212, PG III</i>		
	5. Description of Materials Specify Friable or Non-Friable <i>Non Friable Rotting material</i>		Containers No. _____ Type <i>Non-Friable</i>	Total Quantity <i>20 Bags</i>	
TRANSPORTER	6. Special Handling Instructions <i>24-hour emergency spill response no. 800-424-9300</i>				
	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, USEPA, 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 <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>	Date <i>11/02/01</i>	
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.				
DISPOSAL SITE	Company Name & Address		Signature: _____		Telephone No. _____
			Printed Name: _____		Date: _____
			Title: _____		
	9. Transporter 2 (Acknowledgement of Receipt of Materials) Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i> Profile #00534		Signature: <i>[Signature]</i> Printed Name: <i>Denise</i> Title: <i>Advisor</i>		Telephone No. <i>877-999-9559</i> Date: _____
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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i> Permit No. <i>100281</i>		Signature: <i>[Signature]</i> <i>Denise L. Rugg</i> Printed Name: <i>NOV 28 2001</i> Title: _____		Telephone No. <i>724-887-9400</i> 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



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 INSURANCESER CP
CLASS-6DATE (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

INSURED

Classic Environmental, Inc.
PO Box 480
Clifton Park NY 12065

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

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.

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
GENERAL LIABILITY				
A ☒ COMMERCIAL GENERAL LIABILITY	POL 01-2344-001	05/22/01	05/22/02	EACH OCCURRENCE \$ 1000000
☐ CLAIMS MADE ☒ OCCUR				FIRE DAMAGE (Any one fire) \$ 50000
☒ Professional Liab				MED EXP (Any one person) \$ 5000
☒ Pollution Liab				PERSONAL & ADV INJURY \$ 1000000
GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE \$ 2000000
☒ POLICY ☐ PRO-JECT ☐ LOC				PRODUCTS - COMPLET AGG \$ 2000000
AUTOMOBILE LIABILITY				
B ☐ ANY AUTO	BA 52 23 58	08/25/01	08/25/02	COMBINED SINGLE LIMIT (Per accident) \$ 300000
☒ ALL OWNED AUTOS				BODILY INJURY (Per person) \$
☒ SCHEDULED AUTOS				BODILY INJURY (Per accident) \$
☒ NON-OWNED AUTOS				PROPERTY DAMAGE (Per accident) \$
DAMAGE LIABILITY				
☐ ANY AUTO				AUTO ONLY - EA ACCIDENT \$
				OTHER THAN EA ACC \$
				AUTO ONLY AGG \$
EXCESS LIABILITY				
☐ OCCUR ☐ CLAIMS MADE				EACH OCCURRENCE \$
☐ DEDUCTIBLE				AGGREGATE \$
☐ RETENTION \$				\$
				\$
				\$
WORKERS COMPENSATION AND EMPLOYERS LIABILITY	WC-00002082000-00	05/22/01	05/22/02	☒ WC STATUS: ☐ TON: ☐ LITE: ☐ SR
				EL EACH ACCIDENT \$ 100000
				EL DISEASE - EA EMPLOYEE \$ 100000
				EL DISEASE - POLICY LIMIT \$ 500000
OTHER				

DESCRIPTION OF OPERATIONS/LOCATION/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☒ ADDITIONAL INSURED INSURER LETTER: A**CANCELLATION**

TYREO1

Tyree Organization
4 Northway Lane
Latham NY 12110

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.

[Signature]
© ACORD CORPORATION 1988

CEI

CLASSIC ENVIRONMENTAL INC.

DAILY SITE LOG

DATE 11/2/01 LOCATION 586 MATW ST EAST ANDOVER MA
 PROJECT Ty Rec WEATHER 50° cloudy
 SUPERVISOR SIGNATURE [Signature] PRINT Greg Streeter

TIME	DESCRIPTION OF WORK
0800	On Site with 3 Carriers / met with Ty Rec (Robert Brown) we will be having a safety meeting prior to any work on site / safety meeting conducted by Ty Rec safety man / Ocean trailer moved to side of Bldg / 3 Stage OSHA Ocean Setup on the trailer / water hose to trailer and land / tools and equipment into the land / Safety Lines Set up / Hardier tape Set up
1100	Starting to do removal of the B.R. Flashing - Approx- imately 75' of Acum to be removed / ~~met~~ Area and cut the line with the cutter / There is a metal sheeting over lined the window unit - we are going to do removal down to the window unit / within 1 hour - Bragg and Putting Bags near the carriers
1200	All of the flashing is off the wall and Bag wetted - Rugged and Clean - Doing a final cleanup of the work area / All waste - tools and equipment off the Bldg and we are going to put up the EEE and winter shield for a temporary weather tightness of the work
1400	Decom to down - All waste loaded - we will be returning in 2-3 weeks to do removal of the 100 sq ft of duct Ins. Carbons -
	~~615~~

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT: Tyree Organization	PROJECT #:
LOCATION: 586 main ST WEST ANGLIA NJ	DATE: 11/2/01
SUPERVISOR: Greg Streeter	SHIFT: DAYS

Employee Name	S.S. Number	IN	OUT	IN	OUT
Julius Valdez	460 47 8285	0800	1400		
LARRY Strickland	087-54457	0800	1400		
RICHARD WELSH	09560 9316	0800	1400		
Greg Streeter	112-54-5774	0800	1400		

AIR MONITOR or VISITOR

John Frisbie	447-80-9919	0800	1400		

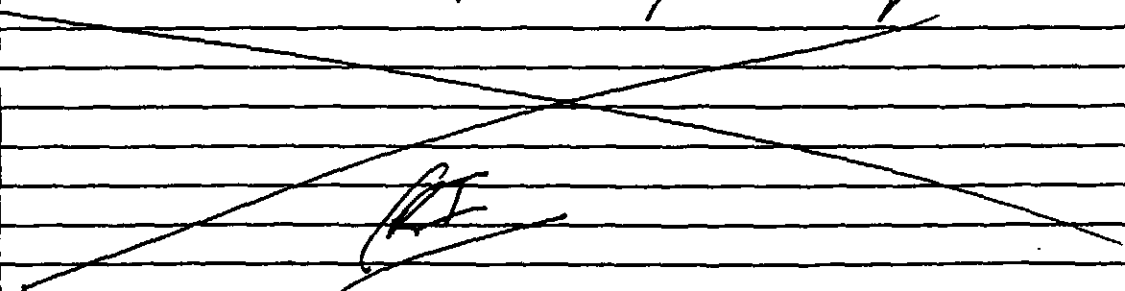
All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

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 glow bag pick up.
9:30	Pop-up built and up, starting to suit up. And glow bag being put-up now.
10:00	glow bag 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 12 hour job complete.
	

CLASSIC ENVIRONMENTAL INC.

[illegible]

JASON BARADY	072-684209	9:00	12:00		

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) <u>Craig Ingalls</u> <u>122-36-7024</u>	8)
2) <u>Chris O'Grady</u> <u>084-58-2424</u>	9)
3) <u>Ricardo Welsh</u> <u>095-60-9316</u>	10)
4)	11)
5)	12)
6)	13)
7)	14)

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 95-18708

EXPIRES

SOCIAL SECURITY NUMBER

110-54-5579

EYES

HAZ

WEIGHT

210 lbs.

HAIR

RED

HEIGHT

6 ft 04 in.

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
198 RIVERSIDE AVE
RENSSELAER, NY

12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STEELE, 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:

- ☒ 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 Manager
4/00 - 2/01	Allied Environmental Services, Inc / Rensselaer, NY Operations Manager
5/98 - 2/00	Environmental Products & Services, Inc / Albany, NY Project Manager/Operation Manager
4/95-5/98	A+ Environmental Services Inc, Rensselaer, NY Project Manager/Project Supervisor
2/95-4/95	MARCO Remediation, Albany, New York Field Employee

References: Available upon request

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 05-11403	
EXPIRES	
SOCIAL SECURITY NUMBER	
122-36-1024	
EYES	HAIR
BRO	GRY
WEIGHT	HEIGHT
250 lbs.	5 ft 10 in.

DOSH-442 (01/71)



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 E. INCALLS
133 ANTHONY RD.
CLIFTON PARK, NY

12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

**THIS PRESCRIPTION WILL BE FILLED GENERALLY
IF THE PRESCRIBER WRITES "N" IN THE BOX BELOW**

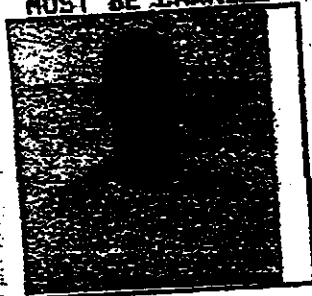
They had a PE
showing asbestos
positive several
months ago
Cancer

Date 6/11/92
 Name James Insella
 Title Chief
 Unit 10
 Address 1000 1st St
 City San Francisco
 State CA
 Zip 94104
 Phone 415 398 1234
 Fax 415 398 1234
 E-mail insella@sfpd.org
 Signature [Signature]
 Title Chief
 Unit 10
 Address 1000 1st St
 City San Francisco
 State CA
 Zip 94104
 Phone 415 398 1234
 Fax 415 398 1234
 E-mail insella@sfpd.org

[illegible]

TOTAL P.01

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER	
AH 99-83293	
EXPIRES	
SOCIAL SECURITY NUMBER	
084-58-2624	
EYES	HAIR
BRN	BRN
WEIGHT	HEIGHT
228 lbs	6' 6"

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 (01/93)
- C - SUPERVISOR (01/93)

CHRISTOPHER E O'GRADY
 1213 3RD ST
 REMSELAER 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:

☒ Found fit to use the following respirators:

- ☒ Filter Respirator (Dust mask)
- ☒ Cartridge Respirator
- ☒ Powered Air-Purifying Respirator (PAPR)
- ☒ Supplied Air Respirator
- ☒ Self Contained Breathing Apparatus (SCBA)

☒ 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


Signature of Examining Personnel

DOSH-442 (01/71)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS (03/02)
G - SUPERVISOR

RICARDO WELSH
930 STRONG STREET
SCHENECTADY, NY

12307

RICHARD CUCCOLO, Director - For the Commissioner of Labor

DOSH-442 (01/71)

MUST BE CARRIED ON ASBESTOS PROJECTS

CERTIFICATE NUMBER

AH 00-10886

EXPIRES

SOCIAL SECURITY NUMBER

095-60-9316

EYES

HAIR

BRO

BLK

WEIGHT

210 lbs.

5'6"

07"

181299C



ADDRESS CORRESPONDENCE TO:

(include certificate number)

NYSD Department of Labor

DOSH - License and Certificate Unit

PO Box 687, New York, NY 10014-0687

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 WelshDate: 6/26/01Patient D.O.B.: 5/20/70214 (NB) 203Height 5'7" Weight 130, 80, 65

Repeat BP if elevated

Visual Acuity
Without Glasses:Distance: Left 1 Right 1
Near: Left 1 Right 1

With Glasses:

Distance: Left 1 Right 1
Near: Left 1 Right 1

HEAD & NECK

Head, Skalp
Hair, Scalp, Conj.
Eye Mucosa
Pupils
Fond
Ears
Nose/Sinuses
Teeth/Gums
Pharynx
Thyroid
Neck/Glands
Cervical

Normal

Normal

Abnormal

Concern

CHEST

Lungs
Heart
Breasts/Ax. Nodes

ABDOMINAL

Abdominal tenderness
Liver/Spleen
Abdominal bruits
Inguinal Caudilicorns
Inguinal Nodes
Aorta

DERMATOLOGICAL

Skin Lesions
Nail Beds

EXTREMITIES

Pulses
Varicose Veins
Pedal Edema

JOINTS

Neck
Back
Hips
Upper extremities
Lower extremities

FEMALE GENITALIA

External Genitalia
Vagina/Cervix
Uterus/Ovaries

Not Done

Normal

Abnormal

Correct

MALE GENITALIA

Genitalia/Testicular Exam
Prostate

RECTAL

No rectal
Stool Color

NEUROLOGICAL

Mental Status
Cranial Nerves
Motor
Sensory
Tendon Reflexes
Romberg/Proprioception
Gait/Coordination

TESTING

ECG
Spirometry
Urinalysis
CBC
Chemistry 40
Audiogram
Chest X-Ray

PROBLEMS:	PLANS:
Appears healthy.	OK full duty no rest.

6/26/01

DATE

L Portnoy
Dr. L. Portnoy

DATE

☐ Dr. M. Mauer

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 98-1803

EXPIRES

SOCIAL SECURITY NUMBER

460-47-8285

EYES

BRD

HAIR

BLK

WEIGHT

180 lbs.

HEIGHT

5' 8"

ADDRESS CORRESPONDENCE TO:

(include certificate number)

NYS Department of Labor

6034 - License and Certificate Unit

PO Box 237, New York, NY 10014-0637



**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

6034-447 (04/02)

Re: VALDEZ, JULIUS IIISocial Security #: 460-47-8285Date Examined: 10-29-01Employer: CETDear 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:

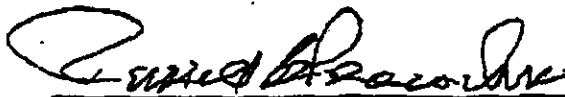
Recommendations:

- ☒ 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.

5'11" 6'7"

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

A - ASBESTOS HANDLER (07/02)

LAWRENCE L ST. ANDREW
 1234 TANARAC
 TROY, NY

12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANDREW LAURENCESocial Security #: 087-54-4519Date Examined: 10-29-01Employer: CEIDear CRAIG ANGALLS:

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:

- ☒ 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**

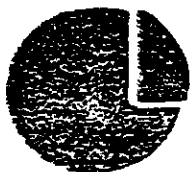
PROJECT :

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.

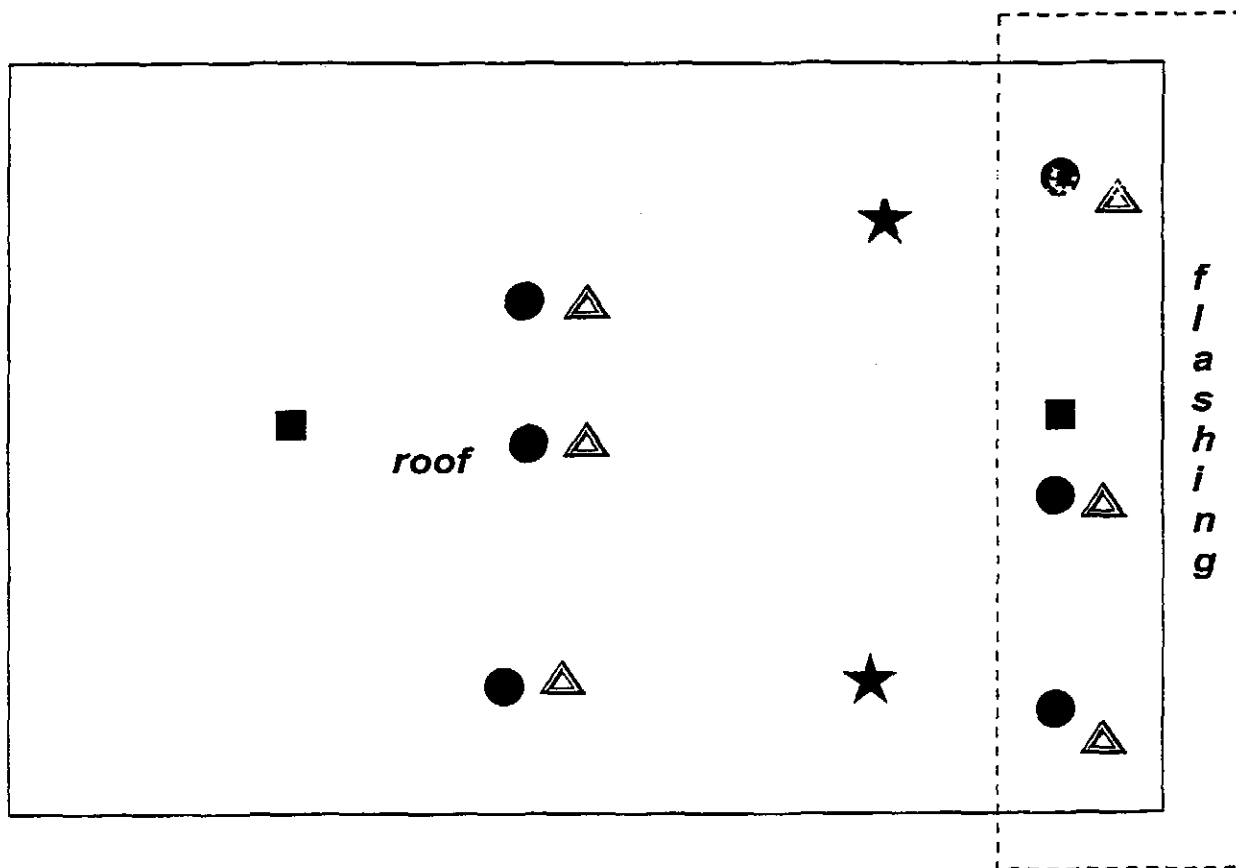
Air Sample Analysis

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.

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 CONCENTRATION	
				(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



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



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

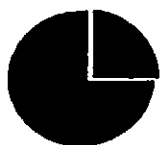
Sample Date: 11/02/01
Sampler: J. Frisbie
Location: Roof

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



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

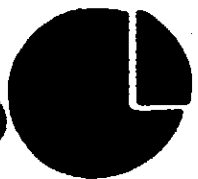
Analysis Date: 11/02/01
Analyst: C. Stephens
Number of Samples: 8

ASBESTOS AIR REPORT

LAB ID#	CASSETTE #	LOCATION	VOLUME (L)	AIRBORNE CONC	
				(F/CC)	(F/MM ²)
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

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: 8:30 11:31

STOP TIME: 1:30 1:31

DURATION (MIN): 120 120

SAMPLE VOLUME (LITERS): 1200 1200

FIBERS/FIELDS: 7.5 3 0 0

FIBERS/cc: 10.01 10.01 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 Frisbie

DATE: 11/1/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:



Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

AIR MONITORING

15077H

CLIENT NAME: Classic Environmental

LOCATION: 586 Main St E. Aurora

1st Root Flushing

WORK AREA: Root

SHIFT: 2

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:	1:32	1:32	1:32	1:34	1:34	1:34						
STOP TIME:	3:22	3:22	3:22	3:34	3:34	3:34						
DURATION (MIN)	1:20	1:20	1:20	1:20	1:20	1:20						
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 Frisbie

DATE: 11/1/01

RECEIVED BY:

DATE

RECEIVED BY:

DATE

RECEIVED BY:

DATE

COMMENTS:

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)
1st 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/FELDS: 4 25 1 1 5 0 0

 FIBERS/cc: 10.01 10.01 10.01 10.01 10.01 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 Frisbie

 DATE: 11/2/01

RECEIVED BY: _____ DATE: _____

RECEIVED BY: _____ DATE: _____

RECEIVED BY: _____ DATE: _____

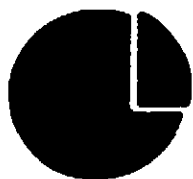
COMMENTS:

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

1st 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 2:00 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

FIBERS/cc: 20.01 20.01 20.01 20.01 20.01 20.01 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: J. McFish

DATE: 11/2/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:

AES - Alternative Environmental Services Inc Main Office: 118 Main St., PO Box 283 Clayville, NY 13322 (315) 839-6898
 AES Project #: C01-895 Page: 01 NIOSH Method 7400 Modified CRS (NIOSH A) Rules ELAP #11701

Client: Classic Environmental Inc. Project Description: Insulation Agency: AES, Inc. Phase: FINALS Project Location: 588 Main Street, East Andora

Client Address: City, State: Clifton Park, NY 12065 Sample, Blanks: Total: 6 2 8 Sample Date: 12/03/01 Sample Recd: 12/03/01 Analyze Date: 12/04/01
 P.O. Box 480

Client Contact: Greg Streeter Phone #: 618-664-1209 Fax #: 618-664-1209 Project#: C01-895 Lab#: 01-1072 Find#: 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	25mm	-----
9					
10					
11					
12					
13					
14					

COMMENTS:

ANALYZED BY:

--- LOD - Limit of Detection - 7.0 f/mm²
 - LOD - Lowest Level of Reliable Quantification

SERVICE TRANSPORT GROUP, INC.

P.O. BOX 2132, BRISTOL, PA 19007

PHONE: (877) 999-9559

N2 78874

WASTE SHIPMENT RECORD

S.T.G. # 11459

GENERATOR	1. Material Origin Site <i>MT. C's Cleaners</i> <i>Brooklyn</i>		Generator: Name/Address <i>MT. C's Cleaners</i> <i>586-MAIN STREET</i> <i>E. AURORA, New York</i>		Generator: Phone <i>914-942-7000</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 480</i> <i>Clifton Park, NY 12065</i>				Contractor: Phone # <i>516-864-1200</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>26 Federal Plaza, Room 505</i> <i>New York, NY 10278</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY <i>RQ ASBESTOS, 9, NA 2212, PG III</i>		
	5. Description of Materials Specify Friable or Non-Friable <i>Non Friable roofing material</i>		Containers No. _____ Type _____ <i>Non-Friable</i>		Total Quantity <i>20 Bags.</i>
TRANSPORTER	6. Special Handling Instructions <i>24-hour emergency spill response no. 800-424-9300</i>				
	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, USEPA, 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 <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>		Date <i>11/27/01</i>
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.				
TRANSPORTER	Company Name & Address		Signature: _____ Printed Name: _____ Title: _____		Telephone No. _____ Date: _____
	9. Transporter 2 (Acknowledgement of Receipt of Materials) Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i> Profile #00534		Signature: <i>[Signature]</i> Printed Name: <i>Jeremy</i> Title: <i>Driver</i>		Telephone No. <i>877-999-9559</i> 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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i> Permit No. <i>100281</i>		Signature: <i>[Signature]</i> <i>Denise L. Rugg</i> Printed Name: <i>NOV 28 2001</i> Title: _____		Telephone No. <i>724-887-9400</i> Date: _____

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 <i>MR C'S CLEANERS ROOF VENT.</i>	Generator: Name/Address <i>MR C'S CLEANERS 77 MAIN STREET EAST AURORA, N.Y.</i>	Generator: Phone # <i>N/A</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc. P.O. Box 480 Clifton Park, NY 12065</i>		Contractor: Phone # <i>518-664-1209</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278</i>	4. US DOT Class - FRIABLE ASBESTOS ONLY <i>RQ ASBESTOS, 9, NA 2212, PG III</i>	
	5. Description of Materials Specify Friable or Non-Friable <i>Asbestos Covering of Heat Vent</i>	Containers No. _____ Type <i>Non-Friable</i>	Total Quantity <i>1-BAG</i>
TRANSPORTER	6. Special Handling Instructions <i>24-hour emergency spill response no. 800-424-9300</i>		
	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, U.S.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 <i>Craig Ingalls</i>	Signature <i>[Signature]</i>	Date <i>12/3/01</i>
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.		
DISPOSAL SITE	Company Name & Address Signature: _____ Telephone No. _____ Printed Name: _____ Date: _____ Title: _____		
	9. Transporter 2 (Acknowledgement of Receipt of Materials) Company Name & Address <i>Service Transport Group, Inc. P.O. Box 2132 Bristol, PA 19007</i> Profile #00534 Signature: _____ Telephone No. <i>877-999-9559</i> Printed Name: _____ Date: _____ Title: _____		
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 <i>Greenridge Reclamation R.D. #1, Box 716 Landfill Road Scottdale, PA 15683</i> Permit No. <i>100281</i> Signature: _____ Telephone No. <i>724-887-9400</i> Printed Name: _____ Date: _____ Title: _____		

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.

A handwritten signature in cursive script, appearing to read 'Richard Cucolo'.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

ACORD. CERTIFICATE OF LIABILITY INSURANCE		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.
INSURED Classic Environmental, Inc. PO Box 480 Clifton Park NY 12065		INSURERS AFFORDING COVERAGE 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.

POLICY LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	POL 01-2344-001	05/22/01	05/22/02	EACH OCCURRENCE \$ 1000000
	☒ COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire) \$ 50000
	☐ CLAIMS MADE ☒ OCCUR				MED EXP (Any one person) \$ 5000
	☒ Professional Liab				PERSONAL & ADV INJURY \$ 1000000
	☒ Pollution Liab				GENERAL AGGREGATE \$ 2000000
	GEN'L AGGREGATE LIMIT APPLIES PER				PRODUCTS - COMPROP AGG \$ 2000000
	☒ POLICY ☐ PROJECT ☐ LOC				
B	AUTOMOBILE LIABILITY	EA 52 23 58	08/25/01	08/25/02	COMBINED SINGLE LIMIT (Per accident) \$ 300000
	☐ ANY AUTO				BODILY INJURY (Per person) \$
	☐ ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	☒ SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	☒ HIRED AUTOS				
☒ NON-OWNED AUTOS					
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	☐ ANY AUTO				OTHER THAN EA AGG \$
					AUTO ONLY AGG \$
	EXCESS LIABILITY				EACH OCCURRENCE \$
	☐ OCCUR ☐ CLAIMS MADE				AGGREGATE \$
					\$
	☐ DEDUCTIBLE				\$
	☐ RETENTION \$				\$
A	WORKERS COMPENSATION AND EMPLOYERS LIABILITY	WC-00002082000-00	05/22/01	05/22/02	☒ WC STATUTORY LIMITS ☐ OTHER
	EL EACH ACCIDENT \$ 100000				
	EL DISEASE - EA EMPLOYEE \$ 100000				
	EL DISEASE - POLICY LIMIT \$ 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 Tyree Organization 4 Northway Lane Latham NY 12110	ADDITIONAL INSURED; INSURER LETTER: A TYREE01	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 REPRESENTATIVE.

CEI

CLASSIC ENVIRONMENTAL INC.

DAILY SITE LOG

DATE 11/2/01

LOCATION 586 Main St East Amherst NY

PROJECT Ty Rec

WEATHER 50° cloudy

SUPERVISOR SIGNATURE [Signature]

PRINT Greg Streeter

TIME	DESCRIPTION OF WORK
0800	On Site with 3 Carabors / met with Ty Rec (Robert Blaw) we will be having a safety meeting prior to any work on site / safety meeting conducted by Ty Rec safety man / Occur trailer moved to side of Blvd / 3 Stage OSHA Decou Setup on the trailer / water hoses to trailer and back / tools and equipment up onto the back / Safety Lines Set up / Boulder tape Set up
1100	Starting to do removal of the brick flashing - Approximately 75' of Acem to be removed / ~~Wetted~~ ~~Armed~~ and cut the line with the cutter / There is a mesh sheeting over canopy the wooden mant - we are going to do removal down to the wooden mant / wetting back - bagging and putting bags near the ~~wooden~~
1200	All of the flashing is off the wall and being wetted - Bagged and cleaned - Doing a final cleanup of the work area / All waste - tools and equipment off the Blvd and we are going to put up the ice and water shield for a temporary water tightness of the wall
1400	Decou turn down - All waste loaded - we will be returning in 2-3 weeks to do removal of the 100 sq ft of duct ins. (after -
	~~[Signature]~~

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT: Tyree Organization	PROJECT #:
LOCATION: 586 main ST EAST ARLING NJ	DATE: 11/2/01
SUPERVISOR: Greg Streeter	SHIFT: DUTY

Employee Name	S.S. Number	IN	OUT	IN	OUT
Julius Valdez	460 47 8285	0800	1400		
LARRY STRICKLAND	087-54457	0800	1400		
RICHARD WELSH	09560 9316	0800	1400		
Greg Streeter	1054-5719	0800	1400		

AIR MONITOR or VISITOR

John Frisbie	447-80-9919	0800	1400		

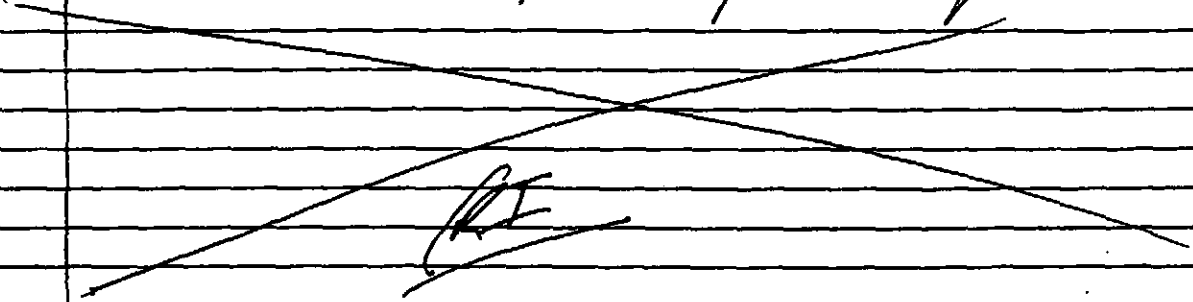
All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

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 sm section 13 feet will glovebag pickup
9:30	Pop-up built and up starting to suit up All 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 12 hour job complete
	

CLASSIC ENVIRONMENTAL INC.

[illegible]

JASON BARADY	072-684209	9:00	12:00		

PO Box 480, CLIFTON PARK, NY 12065-0480

PH/FX (518) 664-1209



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) <u>CRAIG INGALLS</u> <u>12336-1024</u>	8)
2) <u>Chris O'Grady</u> <u>084-58-2624</u>	9)
3) <u>Ricardo Welsh</u> <u>095-60-9316</u>	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

214 lbs.

6 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

1900793

DOSH-442 (01/91)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS

G - SUPERVISOR (09/01)

GREGORY L STREETER
198 RIVERSIDE AVE
RENSSELAER, NY

12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STEELE, GREGORY L

Social Security #: 110-54-579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. INGALLS:

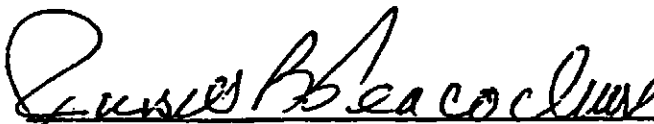
After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

- ☒ 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 Manager
4/00 - 2/01	Allied Environmental Services, Inc / Rensselaer, NY Operations Manager
5/98 - 2/00	Environmental Products & Services, Inc / Albany, NY Project Manager/Operation Manager
4/95-5/98	A+ Environmental Services Inc, Rensselaer, NY Project Manager/Project Supervisor
2/95-4/95	MARCO Remediation, Albany, New York Field Employee

References: Available upon request

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER	
PH 85-11407	
EXPIRES	
SOCIAL SECURITY NUMBER	
122-36-1024	
EYES	HAIR
BRN	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 587, New York, NY 10014-0687

DOSH-442 (01/71)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

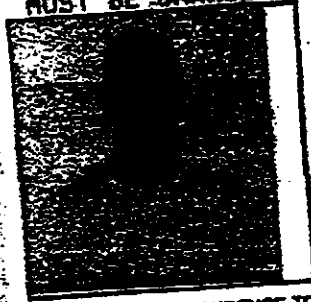
ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C (06/02), D (06/02), E (06/02)
F (06/01), H (06/02)

CRAIG E. INCALLS
163 ANTHONY RD
CLIFTON PARK, NY

12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 99-93293

EXPIRES

SOCIAL SECURITY NUMBER

084-58-2624

EYES

BRN

HAIR

BRN

WEIGHT

226 lbs

HEIGHT

6' 1"

ADDRESS CORRESPONDENCE TO:

(include certificate number)
NYS Department of Labor
DOSH License and Certificate Unit
PO Box 587, New York, NY 10014-0587

1591976

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)
S - 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:

☒ Found fit to use the following respirators:

- ☒ Filter Respirator (Dust mask)
- ☒ Cartridge Respirator
- ☒ Powered Air-Purifying Respirator (PAPR)
- ☒ Supplied Air Respirator
- ☒ Self Contained Breathing Apparatus (SCBA)

☒ 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


Signature of Examining Personnel

DOSH-442 (01/71)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS (03/02)
G - SUPERVISOR

RICARDO WELSH
930 STRONG STREET
SCHENECTADY NY

12307

RICHARD CUCCIO, Director - For the Commissioner of Labor

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' 0 1/2"

181299C



ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYSD Department of Labor
DOSH - License and Certificate Unit
PO Box 487, New York, NY 10014-0087

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 Report BP Elevated _____

Visual Acuity
Without Glasses:

Distance: Left _____ Right _____
Near: Left _____ Right _____

With Glasses:

Distance: Left _____ Right _____
Near: Left _____ Right _____

HEAD & NECK

Head, Neck
Lids, Sclera, Conj.
Eye Movement
Pupils
Fund
Ears
Nose/Throat
Teeth/Gums
Pharynx
Thyroid
Neck Glands
Cervical

Normal

Normal

Abnormal

Concurrent

CHEST

Lungs
Heart
Breasts/Ax. Nodes

ABDOMINAL

Abdominal tenderness
Liver/Spleen
Abdominal bruits
Iliac Constriction
Iliac Nodes
Aorta

DERMATOLOGICAL

Skin Lesions
Nail Beds

EXTREMITIES

Pulses
Varicose Veins
Pedal Edema

JOINTS

Neck
Shoulder
Hips
Upper extremities
Lower extremities

FEMALE GENITALIA

External Genitalia

Vaginal Canal

Uterus/Vagina

Not Done

Normal

Abnormal

Comment

MALE GENITALIA

Genitalia/Testicular Exam

Penis

RECTAL

Proctoscopy

Stool Exam

NEUROLOGICAL

Mental Status

Cranial Nerves

Motor

Sensory

Tendon Reflexes

Romberg/Proprioception

Gait/Coordination

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

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 98-1805

EXPIRES

SOCIAL SECURITY NUMBER

460-47-8285

EYES

BRO

HAIR

BLK

WEIGHT

180lbs.

HEIGHT

5' 0"

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

- SUPERVISOR

(04/02)

JULIUS VALDEZ

69 INGLES

1ST FLOOR

TROY, NY

12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

DOSH-442 (04/04)

Re: VALDEZ, JULIUS IIISocial Security #: 480-47-8285Date Examined: 10-29-01Employer: CEIDear CRIG INSALLS:

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:

- ☒ 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

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

A - ASBESTOS HANDLER

(07/02)

LAWRENCE L ST. ANDREW
 1234 TANKARAC
 TROY, NY

12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANTHONY LAURENCESocial Security #: 087-54-4519Date Examined: 10-29-01Employer: CEIDear CRAIG INGALLS:

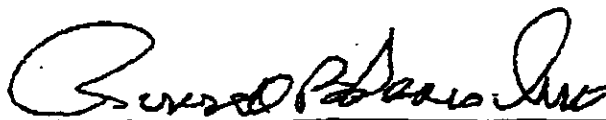
After conducting a physical examination on the above named individual including a review of their past medical history, lab tests, if indicated and a review of the functional requirements of the job, I have determined that he/she is physically and medically qualified to perform the essential functions for which he/she has applied with the following recommendations:

Recommendations:

- ☒ 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**

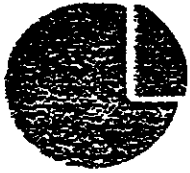
PROJECT :

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.

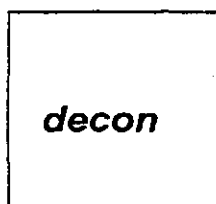
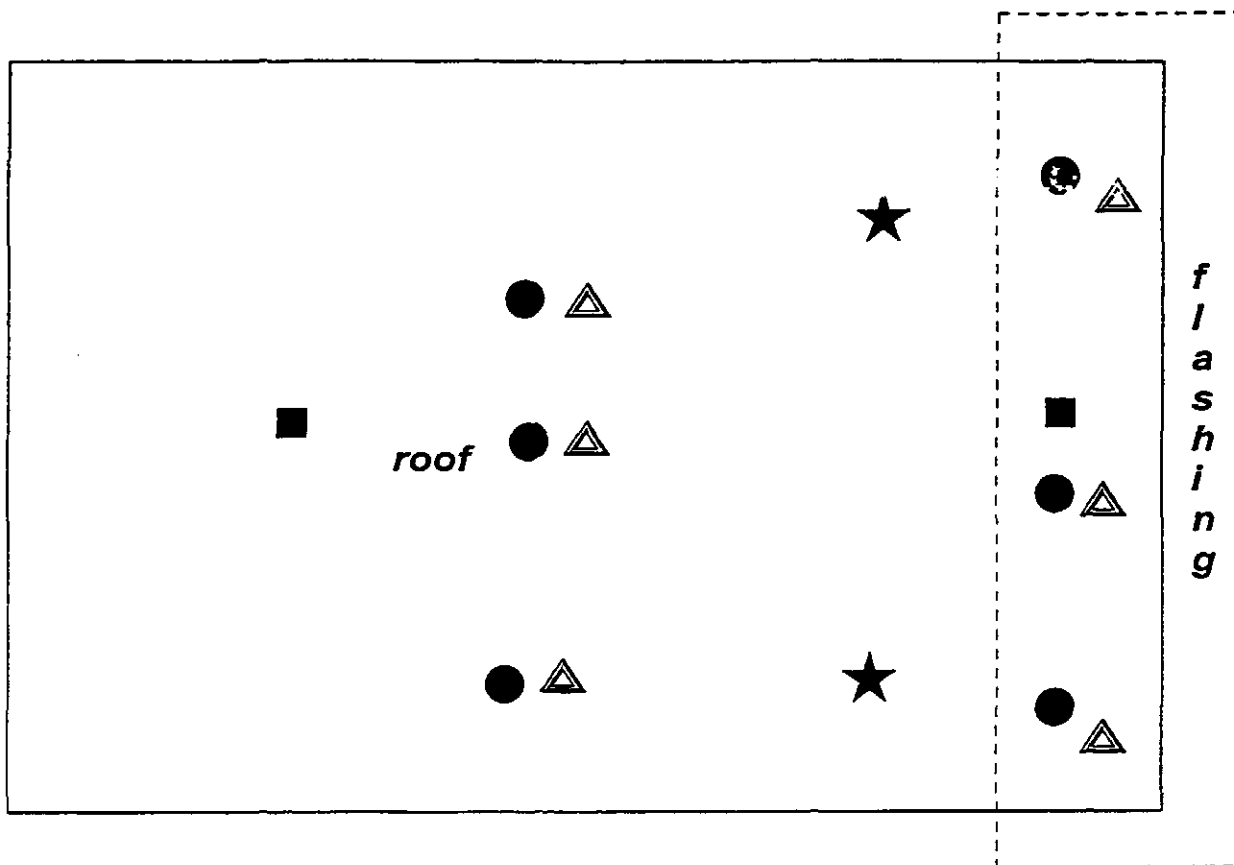
Air Sample Analysis

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	●



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 CONCS	
				(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



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



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



Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, N w 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:	<u>I1</u>	<u>02</u>	<u>B1</u>	<u>B2</u>															
LABORATORY ID:	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>															
SAMPLE LOCATION:	<u>I1</u>	<u>02</u>																	
ROTOMETER NUMBER:	<u>17</u>	<u>17</u>																	
STARTING FLOW RATE	<u>10</u>	<u>16</u>																	
ENDING FLOW RATE	<u>10</u>	<u>16</u>																	
E FLOW RATE (L/MIN)	<u>10</u>	<u>10</u>																	
START TIME:	<u>11:30</u>	<u>11:31</u>																	
STOP TIME:	<u>1:30</u>	<u>1:31</u>																	
DURATION: (MIN)	<u>120</u>	<u>120</u>																	
SAMPLE VOLUME (LITERS)	<u>1200</u>	<u>1200</u>	<u>↓</u>	<u>↓</u>															
FIBERS/FIELDS:	<u>7.5</u>	<u>3</u>	<u>0</u>	<u>0</u>															
FIBERS/cc	<u>10.01</u>	<u>10.01</u>	<u>NA</u>	<u>NA</u>															

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: <u>John Frisbie</u>	DATE: <u>11/1/01</u>	RECEIVED BY:	DATE:
RECEIVED BY:	DATE:	RECEIVED BY:	DATE:

COMMENTS: 11/5/01

CASSETTE LOT # RESULTS NEEDED BY:

15077H


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 Flushing

 WORK AREA: Root

 SHIFT: 2

 BACKGROUND PRE-AIR WIP FINAL SNV

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						
ROTMETER 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	3:22	3:22	3:22	3:34	3:34	3:34						
DURATION (MIN)	1:20	1:20	1:20	1:20	1:20	1:20						
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 Frisbie

 DATE: 11/1/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:

15078A


Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, New York 14609

AIR MONITORING

CLIENT NAME: <u>Classic Environmental</u>											
LOCATION: <u>586 main st (E Aurora)</u>										Isn Roof Flashing	
WORK AREA: <u>Roof</u>											
SHIFT: <u>A</u>											
BACKGROUND PRE-AIR <u>WIP</u> 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	1	1				
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	25	1	1	5	0	0				
FIBERS/cc	10.01	10.01	10.01	10.01	10.01	NA	NA				
SAMPLED BY: <u>John Frisbie</u>						DATE SAMPLED: <u>11/2/01</u>					
TRANSPORTED FROM: <u>586 main st</u>						DATE TRANSPORTED: <u>11/2/01</u>					
TRANSPORTED TO: <u>Lozier</u>						TRANSPORTED BY: <u>5</u>					
SEALED BY: <u>John M. Frisbie</u>						DATE: <u>11/2/01</u>					
RECEIVED BY:						DATE:					
RECEIVED BY:						DATE:					
COMMENTS:											
 <u>11/5/01</u>											
CASSETTE LOT #						RESULTS NEEDED BY:					

15071A

PCM



Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, N w York 14609

AIR MONITORING

CLIENT NAME: Classic Environmental

LOCATION: 586 Main St. E. Aurora

1st 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								
FIBERS/cc	20.01	30.01	20.01	10.01	20.01	20.01	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 McFush

DATE: 11/2/01

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

RECEIVED BY:

DATE:

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:

AES - Alternative Environmental Services Inc Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 639-5696
AES Project #: C01-895 **Page:** 01 **NIOSH Method 7400 Modified CRS (NIOSH A) Rules** **ELAP #11701**

Client: Classic Environmental Inc. **Project Description:** Insulation **Agency:** AES, Inc. **Phase:** FINALS **Project Location:** 598 Main Street, East Andora

Client Address: City State: Clifton Park, NY 12065 **Sample Blanks: Total:** 6 2 8 **Sample Date:** 12/03/01 **Sample Recd. Date:** 12/04/01
P.O. Box 480

Client Contact: Greg Streeter **Phone #:** 518-664-1209 **Fax #:** 518-664-1209 **Project #:** C01-895 **Lab #:** 01-1072 **Find #:** 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	25mm	-----
9					
10					
11					
12					
13					
14					

COMMENTS: ANALYZED BY:

" " LOD - Limit of Detection - 7.0 f/mmm"
 " " LOU - 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. # 1159

GENERATOR	1. Material Origin Site <i>MR. C's Cleaners</i> <i>Rocky</i>		Generator: Name/Address <i>MR. C's Cleaners</i> <i>586 MAIN STREET</i> <i>E. AURORA, NEW YORK</i>		Generator: Phone <i>914-942-7000</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 480</i> <i>Clinton Park, NY 12065</i>				Contractor: Phone # <i>518-864-1400</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>20 Federal Plaza, Room 505</i> <i>New York, NY 10278</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY RQ ASBESTOS, 9, NA 2212, PG III		
	5. Description of Materials Specify Friable or Non-Friable <i>NON FRIABLE ROCKING MATERIAL</i>		Containers No. _____ Type _____	Total Quantity <i>20 BAGS.</i>	
TRANSPORTER	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 EPA, 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 <i>CRAIG INGALLS</i>		Signature <i>Craig Ingalls</i>		Date <i>11/02/01</i>
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.				
TRANSPORTER	Company Name & Address		Signature: _____		Telephone No. _____
			Printed Name: _____		Date: _____
TRANSPORTER	Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i>		Signature: <i>Jeremy Clark</i>		Telephone No. <i>877-999-9559</i>
	Profile #00534		Printed Name: <i>Jeremy</i>		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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i>		Signature: <i>Denise L. Rugg</i>		Telephone No. <i>724-887-9400</i>
Permit No. <i>100281</i>		Printed Name: <i>NOV 28 2001</i>		Date _____	
		Title: _____			

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 <i>MR C'S CLEANERS</i> <i>ROOF VENT.</i>	Generator Name/Address <i>MR C'S CLEANERS</i> <i>77 MAIN STREET</i> <i>EAST AURORA, N.Y.</i>		Generator: Phone # <i>N/A</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 480</i> <i>Clifton Park, NY 12065</i>			Contractor: Phone # <i>518-664-1209</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>26 Federal Plaza, Room 505</i> <i>New York, NY 10278</i>	4. US DOT Class - FRIABLE ASBESTOS ONLY <i>RQ ASBESTOS, 9, NA 2212, PG III</i>		
	5. Description of Materials Specify Friable or Non-Friable <i>Asbestos Covering of Heat Vent</i>	Containers No. <i>—</i>	Type <i>NON-FRIABLE</i>	Total Quantity <i>1-BAG</i>
TRANSPORTER	6. Special Handling Instructions <i>24-hour emergency spill response no. 800-424-9300</i>			
	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 <i>CRAIG INGALLS</i>	Signature <i>[Signature]</i>	Date <i>12/3/01</i>	
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 <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i> <i>Profile #00534</i>	Signature: _____ Printed Name: _____ Title: _____	Telephone No. <i>877-999-9559</i> 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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i> Permit No. <i>100281</i>	Signature: _____ Printed Name: _____ Title: _____	Telephone No. <i>724-887-9400</i> 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 INSURANCEBSP CS
CLASS-6DATE (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.

INSURER LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	POL 01-2344-001	05/22/01	05/22/02	EACH OCCURRENCE \$ 1000000
	☒ COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire) \$ 50000
	CLAIMS MADE ☒ OCCUR				MED EXP (Any one person) \$ 5000
	☒ Professional Liab				PERSONAL & ADV INJURY \$ 1000000
	☒ Pollution Liab				GENERAL AGGREGATE \$ 2000000
	GEN'L AGGREGATE LIMIT APPLIES PER				PRODUCTS - COMPOF AGG \$ 2000000
B	AUTOMOBILE LIABILITY	BA 5E 23 58	08/25/01	08/25/02	COMBINED SINGLE LMT (Per accident) \$ 300000
	☐ ANY AUTO				BODILY INJURY (Per person) \$
	☐ ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	☒ SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	☒ HIRED AUTOS				AUTO ONLY - EA ACCIDENT \$
	☒ NONOWNED AUTOS				OTHER THAN AUTO ONLY EA ACC \$
	DAMAGE LIABILITY				AGG \$
	☐ ANY AUTO				EACH OCCURRENCE \$
					AGGREGATE \$
					\$
					\$
					\$
A	EXCESS LIABILITY				RETENTION \$
	☐ OCCUR ☐ CLAIMS MADE				
	☐ DEDUCTIBLE				
	☐ RETENTION				
A	WORKERS COMPENSATION AND EMPLOYERS LIABILITY	WC-00002082000-00	05/22/01	05/22/02	☒ NO STATUTORY LIMITS
					EL EACH ACCIDENT \$ 100000
					EL DISEASE - EA EMPLOYER \$ 100000
					EL DISEASE - POLICY LMT \$ 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☒ ADDITIONAL INSURED; INSURER LETTER: A**CANCELLATION**

TYREO1

Tyree Organization
4 Northway Lane
Latham NY 12110

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.





CLASSIC ENVIRONMENTAL INC.

DAILY SITE LOG

DATE 11/2/01LOCATION 586 MAIN ST EAST AUSTIN TXPROJECT Ty RecWEATHER 50° cloudy

SUPERVISOR SIGNATURE

PRINT Greg Strecker

TIME	DESCRIPTION OF WORK
0800	On Site with 3 Carriers / met with Ty Rec (Robert Blaw) We will be having a safety meeting prior to any work on Site / Safety meeting conducted by Ty Rec safety man / Once trailer moved to side of Bldg / 3 Stage OSHA Deck Setup in the trailer / water hose to trailer and back / tools and equipment into the back / Safety cones set up / Barrier tape set up
1100	Starting to do removal of the Brick Flashing - Approx- imately 75' of Acum to be removed / ~~cut~~ Anch and cut the line with the cutter / There is a mesh sheeting over canal the wooden kant - we are going to do removal down to the wooden kant / working back - dragging and putting bags near the curb
1200	All of the flashing is off the wall and being washed - Rinsed and cleaned - Doing a final clean up 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 tight of the wall
1400	Decom to down - All waste loaded - we will be returning in 2-3 weeks to do removal of the 100 sq ft of duct Ins. (4th) -

CEI

CLASSIC ENVIRONMENTAL INC.

PROJECT: Tyree Organization	PROJECT #:
LOCATION: 586 main ST EAST ARLINGHAM	DATE: 11/2/01
SUPERVISOR: Greg Strecker	SHIFT: Days

Employee Name	S.S. Number	IN	OUT	IN	OUT
Julius Valdez	460 47 8285	0800	1400		
LARRY St. Amant	087-54457	0800	1400		
RICHARD WELSH	09560 9316	0800	1400		
Greg Strecker	1054-5719	0800	1400		

AIR MONITOR or VISITOR

John Frisbie	447-80-9919	0800	1400		

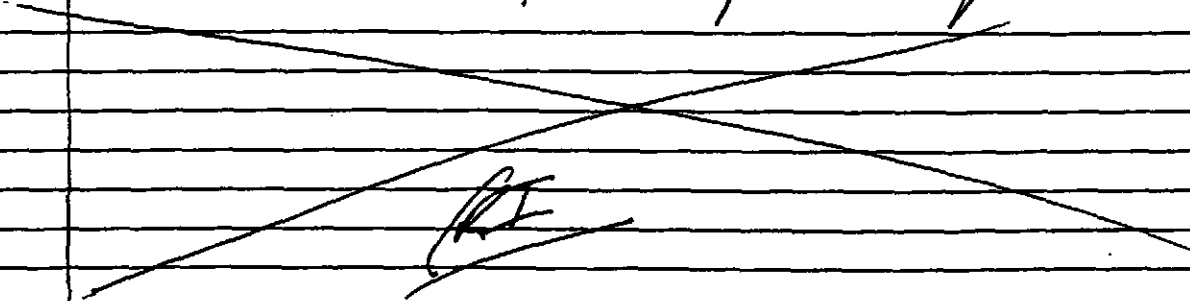
All persons, before entering containment, shall read and familiarize themselves with the current rules and regulations involving hazardous asbestos abatement. Exposure to asbestos fibers can be hazardous to your health and therefore precautions must be taken to eliminate the potential for worker exposure.

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. Unpacked project, started to set up pop-up. Measured Asbestos only on section 13 feet. Will glow bag pick up.
9:30	Pop-up built and up. Starting to suit up. And glow bag being put-up. Snow.
10:00	glow bag 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 12 hour job completed.
	

CLASSIC ENVIRONMENTAL INC.

[illegible]

JASON BARADY	072-684209	9:00	12:00		

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



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 95-18708	
EXPIRES	
SOCIAL SECURITY NUMBER	
110-54-5579	
EYES	HAIR
HAZ	RED
WEIGHT	HEIGHT
210 lbs.	6 ft. 01 in.

1900793

DOSH-442 (01/91)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (09/01)

GREGORY L STREETER
19B RIVERSIDE AVE
RENSSELAER, NY

12144

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: STEELE, GREGORY L

Social Security #: 110-54-5579

Date Examined: 24 APR '01

Employer: CEI

Dear MR. C. JAGGALS:

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:

- ☒ 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

James B. Beacoe
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 Manager
4/00 - 2/01	Allied Environmental Services, Inc / Rensselaer, NY Operations Manager
5/98 - 2/00	Environmental Products & Services, Inc / Albany, NY Project Manager/Operation Manager
4/95-5/98	A+ Environmental Services Inc, Rensselaer, NY Project Manager/Project Supervisor
2/95-4/95	MARCO Remediation, Albany, New York Field Employee

References: Available upon request

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	
RH 05-11403	
EXPIRES	
SOCIAL SECURITY NUMBER	
122-36-1024	
EYES	HAIR
BRN	GRY
WEIGHT	HEIGHT
234 lbs.	5 ft 10 in.

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)

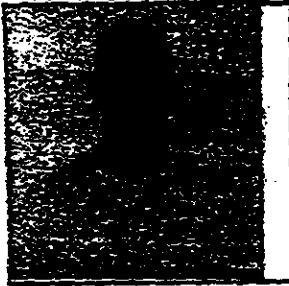
CRATE R INCALLS
163 ANTHONY RD
CLIFTON PARK, NY

12065-2600

RICHARD CUCOLO, Director - For the Commissioner of Labor

K-250

MUST BE CARRIED ON ASBESTOS PROJECTS

	CERTIFICATE NUMBER	
	AH 77-93293	
	EXPIRES	
	SOCIAL SECURITY NUMBER	
	084-58-2624	
EYES	HAIR	
BRN	BRN	
WEIGHT	HEIGHT	
226 lbs	6' 4"	

ADDRESS CORRESPONDENCE TO:
(include certificate number)
NYS Department of Labor
DOSH License and Certificate Unit
PO Box 587, New York, NY 10014-0587

1591970

DOSH-442 (01/71)

 STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

**ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES**

C - SAMPLING TECHNICIAN (01/03)
E - 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:

☒ Found fit to use the following respirators:

- ☒ Filter Respirator (Dust mask)
- ☒ Cartridge Respirator
- ☒ Powered Air-Purifying Respirator (PAPR)
- ☒ Supplied Air Respirator
- ☒ Self Contained Breathing Apparatus (SCBA)

☒ 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


Signature of Examining Personnel

UNSH-442 (01/71)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH



ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS (05/02)
G - SUPERVISOR

RICARDO WELSH
930 STRONG STREET
SCHEMECTADY, NY

12307

RICHARD CUCCIOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECT

CERTIFICATE NUMBER

AH 00-10884

EXPIRES

SOCIAL SECURITY NUMBER

095-60-9316

EYES

BRO

HAIR

BLK

HEIGHT

210 lbs.

WT.

5' 0"

181299C



ADDRESS CORRESPONDENCE TO:

(include official number)

NYSD Department of Labor

DOSS - License and Certificate Unit

P.O. Box 687, New York, NY 10014-0687

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

Age: 214 (AB) Sex: M D.O.B.: 5/20/70
Height: 5'7" Weight: 130 Bo: 65 Repeat BP if elevated: 1

Visual Acuity
Without Glasses:

Distance: Left 1 Right 1
Near: Left 1 Right 1

With Glasses:

Distance: Left 1 Right 1
Near: Left 1 Right 1

HEAD & NECK

	Not Done	Normal	Abnormal	Comment
Head, Scalp				
Lids, Sclera, Conj.				
Eye Muscles				
Pupils				
Fund				
Ears				
Nose/Throat				
Teeth/Gums				
Pharynx				
Thyroid				
Neck Glans				
Cervical				

CHEST

Lungs				
Heart				
Scapula/Ax. Nodes				

ABDOMINAL

Abdominal tenderness				
Liver/Spleen				
Abdominal bruits				
Inguinal Caudal Hernia				
Inguinal Nodes				
Aorta				

DERMATOLOGICAL

Skin Lesions				
Nail Beds				

EXTREMITIES

Pulses				
Varicose Veins				
Plantar Reflex				

JOINTS

Neck				
Shoulder				
Hip				
Upper extremities				
Lower extremities				

FEMALE GENITALIA

External Genitalia

Vagina/Cervix

Uterus/Ovaries

Not Done

Normal

Abnormal

Comment

MALE GENITALIA

Genitalia/Testicular Exam

Prostate

RECTAL

Per-rectal

Stool Exam

NEUROLOGICAL

Mental Status

Cranial Nerves

Motor

Sensory

Tendon Reflexes

Romberg/Proprio

Gait/Coordination

TESTING

ECG

Spirometry

Urinalysis

CBC

Chemistry 30

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

MUST BE CARRIED ON ASBESTOS PROJECTS



CERTIFICATE NUMBER

AH 98-1803

EXPIRES

SOCIAL SECURITY NUMBER

460-47-8285

EYES

BRD

HAIR

BLK

WEIGHT

180lbs.

HEIGHT

5' 0"

ADDRESS CORRESPONDENCE TO:

(include certificate number)

NYS Department of Labor

DOGH - License and Certificate Unit

PO Box 237, New York, NY 10014-0587



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

DOGH-442 (04/02)

Re: VALDEZ, JULIUS IIISocial Security #: 460-47-8285Date Examined: 10-29-01Employer: CEIDear CRIG 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:

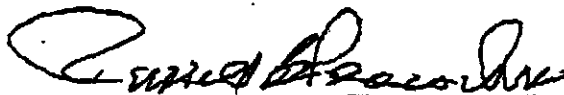
Recommendations:

- ☒ 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

BRD

BRD

WEIGHT

HEIGHT

150 lbs.

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



STATE OF NEW YORK
DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
 AUTHORIZED CLASS

A - ASBESTOS HANDLER

(07/62)

LAWRENCE L ST. ANDREW
 1234 TAMARAC
 TROY, NY

12180

RICHARD CUCOLO, Director - For the Commissioner of Labor

Re: ST. ANTHONY, LAWRENCESocial Security #: 087-54-4519Date Examined: 10-29-01Employer: CEIDear 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:

- ☒ 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

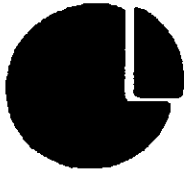
Date



Signature of Examining Personnel

8/16/99 Clearance - Qualified

RMF0018



**LOZIER ANALYTICAL GROUP
ASBESTOS/LEAD DIVISION**

ASBESTOS ABATEMENT AIR MONITORING

**586 MAIN STREET
E. AURORA, NEW YORK**

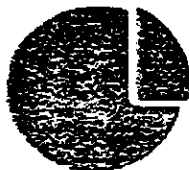
PROJECT :

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.

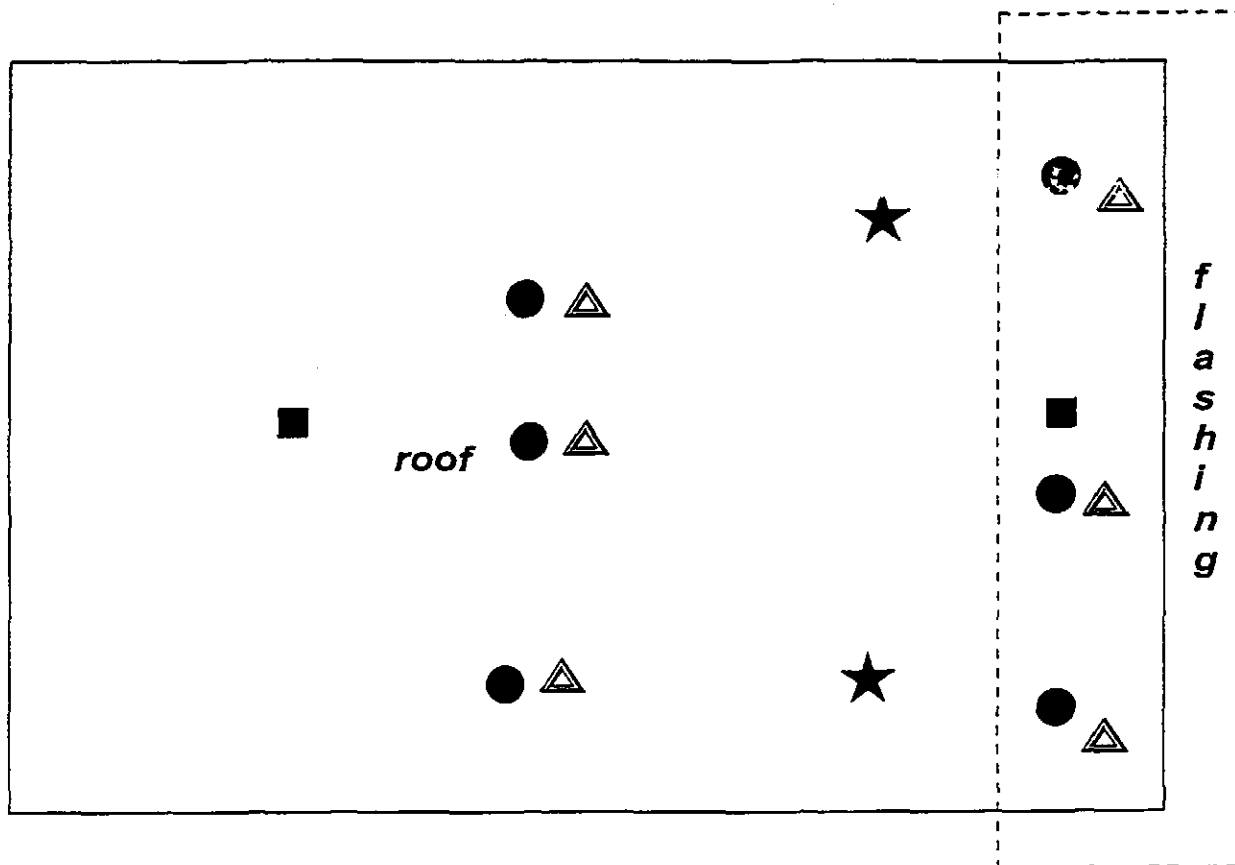
Air Sample Analysis

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

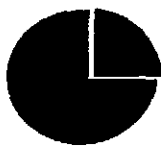


AIR SAMPLING LOCATIONS
 ROOF
 SMALL ROOF FLASHING

AIR SAMPLE KEY

BACKGROUND	■
PRE-ABATEMENT	△
WORK IN PROGRESS	★
FINAL	●

586 MAIN STREET
 EAST AURORA, NEW YORK



Lozier Laboratories, Inc.

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

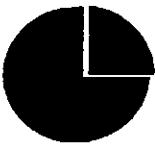
Sample Date: 11/01/01
Sampler: J. Frisbie
Location: Roof

Analysis Date: 11/05/01
Analyst: C. Stephens
Number of Samples: 4

ASBESTOS AIR REPORT

LAB ID#	CASSETTE #	LOCATION	VOLUME (L)	AIRBORNE CONC.	
				(E/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



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

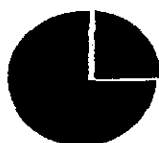
Sample Date: 11/01/01
Sampler: J. Frisbie
Location: Roof

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



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



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

15076A



Lozier Analytical Group, Inc.

696 North Winton Road • Rochester, N w 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 (LMN): 10 10

START TIME: 11:30 11:31

STOP TIME: 1:30 1:31

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 Frisbie

DATE: 11/1/01

RECEIVED BY:

DATE

RECEIVED BY:

DATE

RECEIVED BY:

DATE

COMMENTS:

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

Isn Root Flushing

WORK AREA: Root

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: 1:32 1:32 1:32 1:34 1:31 1:24

STOP TIME: 3:22 3:22 3:22 3:34 3:34 3:24

DURATION (MIN): 1:20 1:20 1:20 1:20 1:20 1:20

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 Frisbie DATE: 11/1/01

RECEIVED BY: _____ DATE: _____

RECEIVED BY: _____ DATE: _____

RECEIVED BY: _____ DATE: _____

COMMENTS:

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 (Aurora)

1st 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								
AVERAGE 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:	10.01	20.01	10.01	10.01	10.01	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 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 Ism 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 ¹⁰	12 ²⁰	12 ³⁰	12 ⁴⁰	12 ⁵⁰						
STOP TIME	2 ⁰⁰	2 ¹⁰	2 ²⁰	2 ³⁰	2 ⁴⁰	2 ⁵⁰						
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						
FIBERS/cc	20.01	40.01	20.01	10.01	20.01	20.01	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: Jol M. Frisbie

DATE: 11/2/01

RECEIVED BY:

DATE

RECEIVED BY:

DATE:

RECEIVED BY:

DATE

COMMENTS:

CASSETTE LOT #

RESULTS NEEDED BY:

AES - Alternative Environmental Services Inc Main Office: 116 Main St., PO Box 283 Clayville, NY 13322 (315) 639-5696
AES Project #: C01-895 **Page:** 01 **NIOSH Method 7400 Modified CRS (NIOSH A) Rules** **ELAP #11701**

Client: Classic Environmental Inc. **Project Description:** Insulation **Agency:** AES, Inc. **Phase:** FINALS **Project Location:** 598 Main Street, East Andora

Client Address: City State: Clifton Park, NY 12065 **Sample Blanks:** Total: 6 2 8 **Sample Date:** 12/03/01 **Sample Recd:** 12/03/01 **Analyze Date:** 12/04/01

Client Contact: Greg Streeter **Phone #:** 518-664-1209 **Fax #:** 518-664-1209 **Project#:** C01-895 **Lab#:** 01-1072 **Fund#:** 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	0.080
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	0.000
8	Field Blank #2	0/100	0	25mm	0.000
9					
10					
11					
12					
13					
14					

COMMENTS:

ANALYZED BY:

"" LOD - Limit of Detection - 7.0 f/mmm
 - 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 <i>MR. C's Cleaners</i> <i>Rochester</i>		Generator: Name/Address <i>MR. C's Cleaners</i> <i>586- MAIN STREET</i> <i>F. AMERICA, New York</i>		Generator: Phone # <i>914-942-7000</i>
	2. Removal Contractor: Name/Address <i>Classic Environmental, Inc.</i> <i>P.O. Box 490</i> <i>Clifton Park, NY 12065</i>				Contractor: Phone # <i>518-564-1209</i>
	3. Responsible Agency: Name/Address <i>U.S. EPA Region II</i> <i>20 Federal Plaza, Room 505</i> <i>New York, NY 10275</i>		4. US DOT Class - FRIABLE ASBESTOS ONLY RQ ASBESTOS, 9, NA 2212, PG III		
	5. Description of Materials Specify Friable or Non-Friable <i>Non Friable Roofing Material</i>		Containers No. _____ Type _____	Total Quantity <i>20 Bags</i>	
TRANSPORTER	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, USEPA, 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 <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>	Date <i>11/02/01</i>	
	8. Transporter 1 (Acknowledgement of Receipt of Materials) *If blank, Transporter 2 serves as sole transporter.				
DISPOSAL SITE	Company Name & Address		Signature: _____		Telephone No. _____
			Printed Name: _____		Date: _____
			Title: _____		
DISPOSAL SITE	9. Transporter 2 (Acknowledgement of Receipt of Materials)		Signature: <i>[Signature]</i>		Telephone No. _____
	Company Name & Address <i>Service Transport Group, Inc.</i> <i>P.O. Box 2132</i> <i>Bristol, PA 19007</i>		Printed Name: <i>Denise L. Rugg</i>		Date: _____
	Profile #00534		Title: <i>Driver</i>		
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 <i>Greenridge Reclamation</i> <i>R.D. #1, Box 716</i> <i>Landfill Road</i> <i>Scottdale, PA 15683</i>		Signature: <i>[Signature]</i> <i>Denise L. Rugg</i>		Telephone No. _____
	Permit No. <i>100281</i>		Printed Name: <i>NOV 28 2001</i>		Date _____

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 <i>MR C'S CLEANERS ROOF VENT.</i>	Generator: Name/Address <i>MR C'S CLEANERS 77 MAIN STREET EAST AURORA, N.Y.</i>	Generator: Phone # <i>N/A</i>
	2. Removal Contractor: Name/Address Classic Environmental, Inc. P.O. Box 480 Clifton Park, NY 12065		Contractor: Phone # 518-664-1209
	3. Responsible Agency: Name/Address U.S. EPA Region II 26 Federal Plaza, Room 505 New York, NY 10278	4. US DOT Class - FRIABLE ASBESTOS ONLY RQ ASBESTOS, 9, NA 2212, PG III	
	5. Description of Materials Specify Friable or Non-Friable <i>Asbestos Covering of ROOF VENT</i>	Containers No. _____ Type <i>NON-FRIABLE</i>	Total Quantity <i>1-BAG</i>
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, USEPA, 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 <i>CRAIG INGALLS</i>		Signature <i>[Signature]</i>	Date <i>12/3/01</i>
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: _____ Printed Name: _____ Title: _____	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: _____ Printed Name: _____ Title: _____	Telephone No. 724-887-9400 Date: _____

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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 H2O	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. Pachan
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. Pachan
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 ES15	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:

N Y P 0 0 3 6 0 2 5 5 4

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

Mt:

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 contaminated 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 H. Steffan

Michael Steffan, E&E Project Manager

2/19/02

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: NYSDEC - Mr. C's Dry Cleaners Site
586 Main Street
East Aurora, New York 14052

EPA ID NO: N Y P 0 0 3 6 0 2 5 5 4



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) F 0 0 2

C. State hazardous waste code (page 11)

D. Source code (page 11) LG 1414
Management Method code for
Source code G25

E. Form code (page 11)

W 1301

F. RCRA
radioactive
mixed (page
11)

☐ Yes

G. Quantity generated in 2001 (page 12)

2161010101

H. UOM (page 12)

Density

☐ lbs/gal ☐ kg

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)

H

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 13) Quantity treated, disposed, or recycled on site in 2001 (page 13)

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)

Site 1 B. EPA ID No. of facility to which waste was shipped (page 14)

N Y P 0 4 9 8 3 6 6 7 9

C. Off-site Management Method code Shipped to (page 14)

H 11312

D. Total quantity shipped in 2001 (page 14)

1260000

Site 2 B. EPA ID No. of facility to which waste was shipped (page 14)

C. Off-site Management Method code Shipped to (page 14)

H

D. Total quantity shipped in 2001 (page 14)

Site 3 B. EPA ID No. of facility to which waste was shipped (page 14)

C. Off-site Management Method code Shipped to (page 14)

H

D. Total quantity shipped in 2001 (page 14)

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

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: <table border="1"><tr><td>N</td><td>Y</td><td>P</td><td>0</td><td>0</td><td>3</td><td>6</td><td>0</td><td>2</td><td>5</td><td>5</td><td>4</td></tr></table>			N	Y	P	0	0	3	6	0	2	5	5	4
N	Y	P	0	0	3	6	0	2	5	5	4				
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	Mt:	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 contaminated 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)													
Michael H. Steffan		Michael Steffan, E&E Project Manager													
		Date Signed (mm-dd-yyyy)													
		2/19/02													

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL
OR ENTER:

SITE NAME: NYSDEC - Mr. C's Dry Cleaners Site
586 Main Street
East Aurora, New York 14052

EPA ID NO: N Y P 0 0 3 6 0 2 5 5 4



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) F 0 0 2

C. State hazardous waste code (page 11)

D. Source code (page 11) LG 1414
Management Method code for
Source code G25
H

E. Form code (page 11) LW 1301

F. RCRA
radioactive
mixed (page
11)
☐ Yes

G. Quantity generated in 2001 (page 12)
2 6 0 0 0 0

H. UOM 1 (page 12)
Density
lbs/gal ☐ kg

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) H
Quantity treated, disposed, or recycled on site in 2001 (page 13)

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 13) H
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)

Site 1 B. EPA ID No. of facility to which waste was shipped (page 14) N Y D 0 4 9 8 3 6 6 7 9

C. Off-site Management Method code Shipped to (page 14) H 1 3 1 2

D. Total quantity shipped in 2001 (page 14) 2 6 0 0 0 0

Site 2 B. EPA ID No. of facility to which waste was shipped (page 14)

C. Off-site Management Method code Shipped to (page 14) H

D. Total quantity shipped in 2001 (page 14)

Site 3 B. EPA ID No. of facility to which waste was shipped (page 14)

C. Off-site Management Method code Shipped to (page 14) H

D. Total quantity shipped in 2001 (page 14)

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 = Carm n M. Pariso
PIM = Pr clson Industrial Maint.
PTC = Price Trucking
MC = M d l 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

T = T n; G = Gallon; P = Pound;

D=Dirt RRT = Rail Road Ties D=dirt

S=Ston C=Concr F=foundatio S=slidewalk

* = Dumped different date and/or with a different Tractor.

B = Boulders

O = Other

A = Asphalt W = wood

CD= Crushed Drums

RO = ? cyd Roll Off

= Ticket Number

Dat	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

Update: 06/04/02

MANIFEST TRACKING LOG for Mr. C's Dry Cleaners REMEDIATION PROJECT

TRANSPORTER:

CMP = Carmen M. Pariso
 PIM = Precision Industrial Maint.
 PTC = Pric Trucking
 MC = M del 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

T = T n; G = Gallon; P = Pound;
 D=Dirt RRT = Rail Road Ties D=dirt
 S=St ne C=Concr F=foundatio S=sidewalk
 * = Dumped different date and/or with a different Tractor.

B = Boulders
 O = Other
 A = Asphalt
 W = wood
 CD= Crushed Drums

S=St ne 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	Designated 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:

CMP = Carmen M. Pariso
PIM = Precision Industrial Maint.
PTC = Price Trucking
MC = M del 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

T = T n; G = Gallon; P = Pound;

D=Dirt RRT = Rail Road Ties D=dirt

S=St ne C=Concr F=foundation S=sidewalk

* = Dump d different date and/or with a different Tractor.

B = Boulders

O = Other

A = Asphalt W = wood

CD= Crushed Drums

RO = ? cyd Roll Off

= Ticket Number

W = wood

Update: 06/04/02

Date	Time	Truck NO.	Trans-Porter	EST Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Y / N	Weight Ticket Y/N	Scale Weight	lt m / 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

TRANSPORTER:

CMP = Carmen M. Parloso
PIM = Precision Industrial Maint.
PTC = Price Trucking
MC = Mid City

DESIGNATED FACILITY

TTL = Town Tonawanda Landfill
FMW = Force Main Whaley Ave
LPL = Library Parking Lot
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T = Ton; G = Gall n; P = Pound;

D=Dirt RRT = Rail Road Ties D=dirt

S=Stone C=Concr F=foundation S=sidewalk

* = Dumped different date and/or with a different Tractor.

B = Boulders

O = Other

A = Asphalt

= Ticket Number

W = wood

CD= Crushed Drums

Update: 06/04/02

Date	Time	Truck NO.	Trans-Porter	EST Weight	Designated 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:

CMP = Carm n M. Pariso
PIM = Pr clsl n Industrial Maint.
PTC = Pric Trucking
MC = Mod l City

DESIGNATED FACILITY

TTL = Town Tonawanda Landfill
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PW = Pumping Well Cuttings

RO = ? cyd Roll Off

= Ticket Number

A = Asphalt W = wood

CD= Crushed Drums

T = Ton; G = Gallon; P = Pound;

D=Dirt RRT = Rail Road Ties D=dirt

S=St n C=Concr F=foundatio S=sidewalk O = Other

* = Dumped different date and/or with a different Tractor.

S=St n C=Concr F=foundation 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	Designated Facility	Description	Type: Haz or NonHaz	Return Original Y / N	Weight Ticket Y/N	Scale Weight	lt m / 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

Page 6 of 6

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

To: MR. Mike Steffan Ecology & Environment 368 Pleasant View Drive Lancaster, NY 14086	DATE: Mr. Cs Dry Cleaner Site SITE ID NO. 9-15-157 CONTRACT# D004180 SUBMITTALS 24 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	12-4-01	SITE NAME: Mr. Cs Dry Cleaners PROJECT NAME: SITE REMEDIATION PROJECT CONTRACT NO.: D004180 TRANSMITTAL NO.: SECTION NO.: 24 Project Name: Site Remediation Project Contractor: THE TYREE ORGANIZATION, LTD. Date: 12-4-01 From: Pump test results Specifications: 02660 Section: 10 Page No.: 3.6.E Project No.: 24 Submitted By: [Signature] Approved By: [Signature]

CC: FILE/HOLLOWAY

These are transmitted as checked

☒
☐
☐

For Approval AND SIGNATURE
For Your Use
As Requested

Signed:

Philip N. Holloway
Project Manager

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

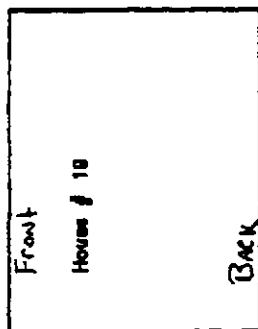
The 72-hour constant rate pump test at PW-7 was performed from 11-26-01 to 11-29-01. Data loggers were installed in the piezometers PZ-7A, PZ-7B, PZ-7C, and PZ-7D. The pump used for the test was a 3-inch diameter pipe intake centrifugal pump. The intake of the pump was set at a depth 2 feet above the 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 graphically 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

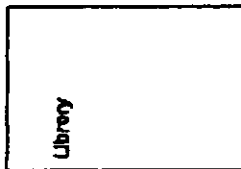
The 72-hour constant rate pump test at PW-7 was performed from 11-14-01 to 11-17-01. Data loggers were installed in the piezometers PZ-2A, PZ-2B, PZ-2C, and PZ-2D. The pump used for the test was a 3-inch diameter pipe intake centrifugal pump. The intake of the pump was set at a depth 2 feet above the 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 graphically 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.

57

PW-7 Well Cluster

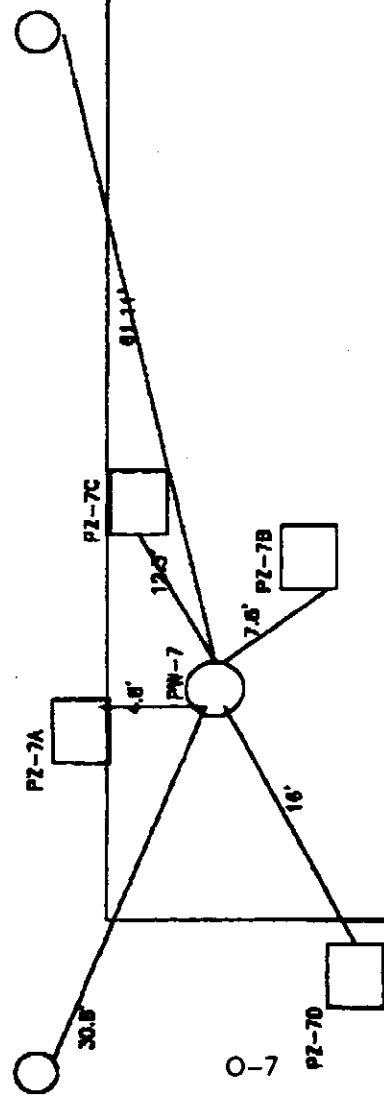


Library Parking Lot



Phone Pole 1565

Phone Pole 100A



N ←

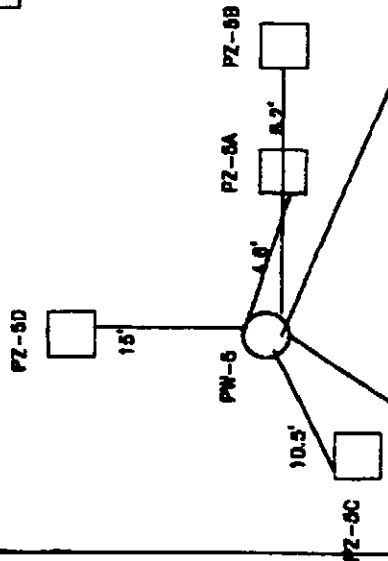
Tyree Organization, Ltd.

Phone: (518) 780-3800 4 Northway Lane LATHAM, NY 12110 Fax: (518) 785-7351

Project Number: 617261	ISSUE NO.	DATE
As Built	11-22-91	11-22-91
Mr. C's Dry Cleaners	REVISION	DATE
588 Main Street	001	08/01/92
East Aurora, New York 14003	002	08/01/92
	003	08/01/92
	004	08/01/92
	005	08/01/92
	006	08/01/92
	007	08/01/92
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	009	08/01/92
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	100	08/01/92

Library Parking Lot

House # 18



O-8

Whaley Ave.

44.7'

103'

Phone Pole #2

Phone Pole #3

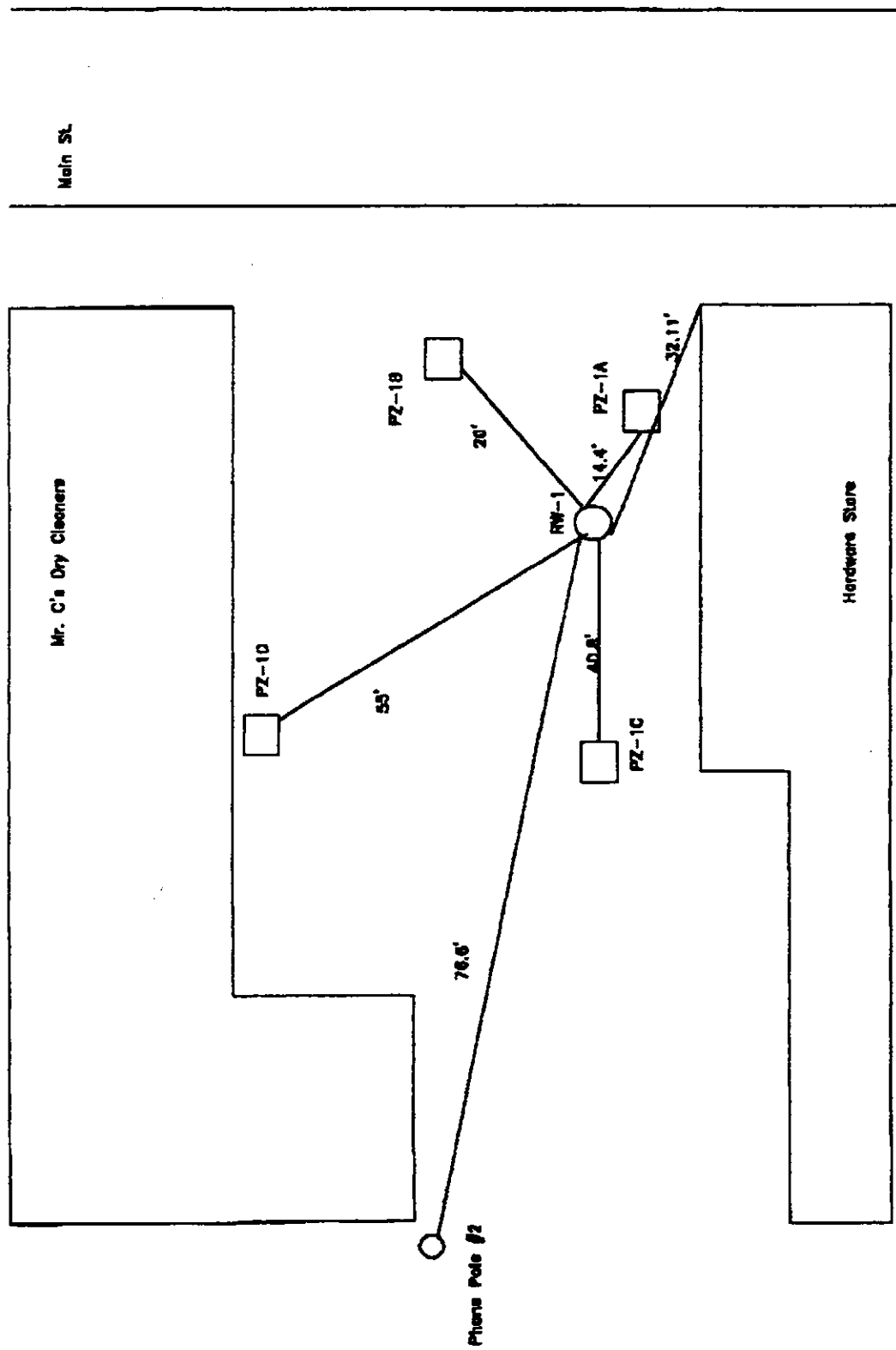


Tyree Organization Ltd.

Phone: 518/716-3200 4 Northway Lane LATHAM, NY 12110 Fax: 518/716-7351

Printed Name	Mr. C. Dry Cleaners
Address	500 Main Street
City	East Aurora, New York 14002
State	NY
Zip	14002
Phone	518/716-3200
Fax	518/716-7351
Contract No.	11-28-91
Order No.	91020
Drawn By	MD
Checked By	MD
Scale	1"=10'

L



Tyree Organization, Ltd.	
Phone: (518) 786-3200	Fax: (518) 786-7351
	
4 Northway Lane LATHAM, NY 12110	
Product Number: 6117261	EXP. DATE: 12/97
As Billed	11-30-91
Mr. C's Dry Cleaners	8041A 97A
606 Main Street	CLERMONT
East Aurora, New York 14002	11-30-97
	Page-1

Phone: (516) 786-3200
4 Northway Lane
ATFHAM, NY 12510
Fax: (516) 786-7351

Product Number 517201	Product No. 517	11-20-81	11-20-81
As Billed		11-20-81	11-20-81
Mr. C's Dry Cleaners		11-20-81	11-20-81
555 Main Street		11-20-81	11-20-81
East Aurora, New York 14032		11-20-81	11-20-81

WILLIAM B. BROWN

Mr. C's Dry Cleaners

LEADERSHIP

QUESTIONS

11-20-11

पुस्तक



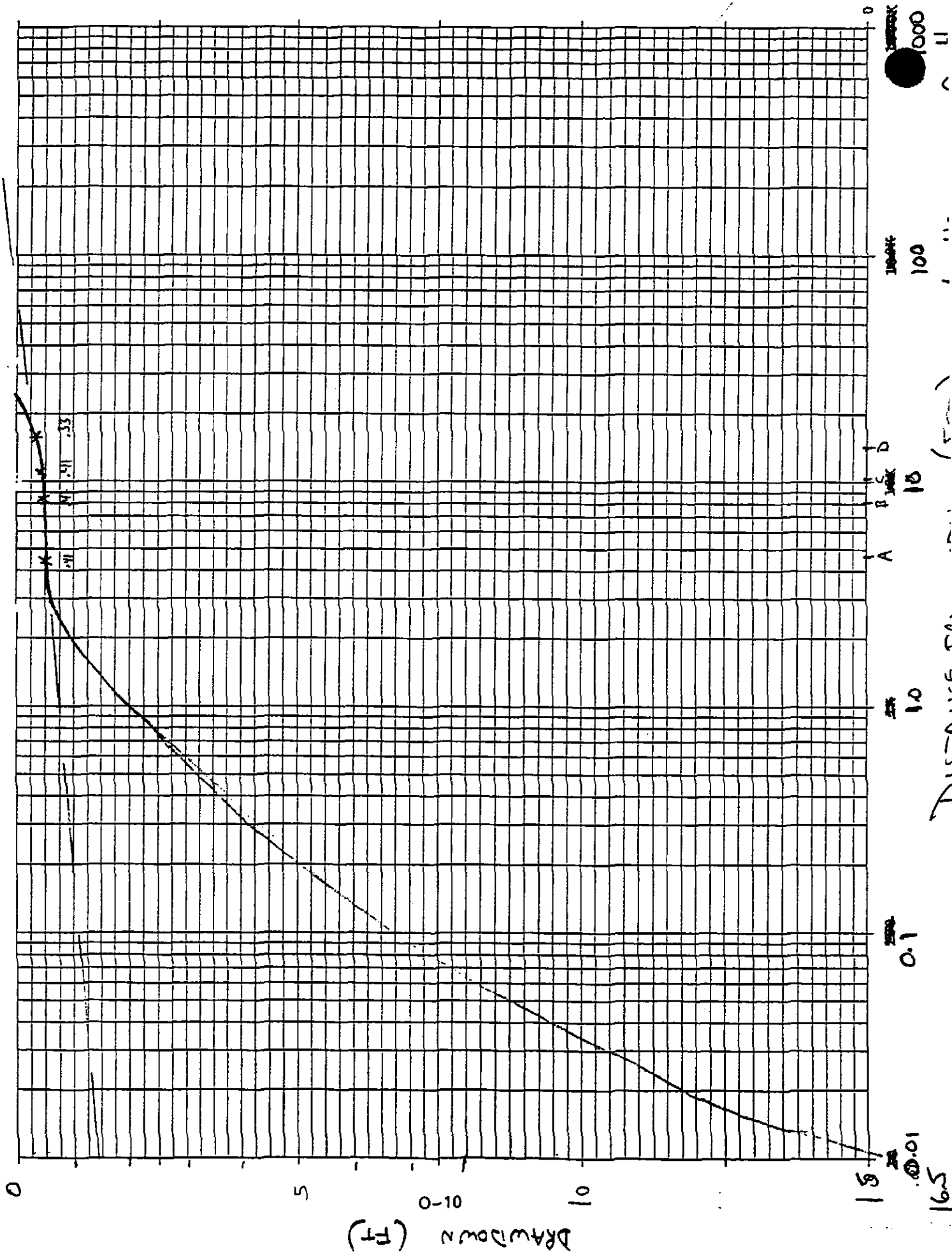
155

155

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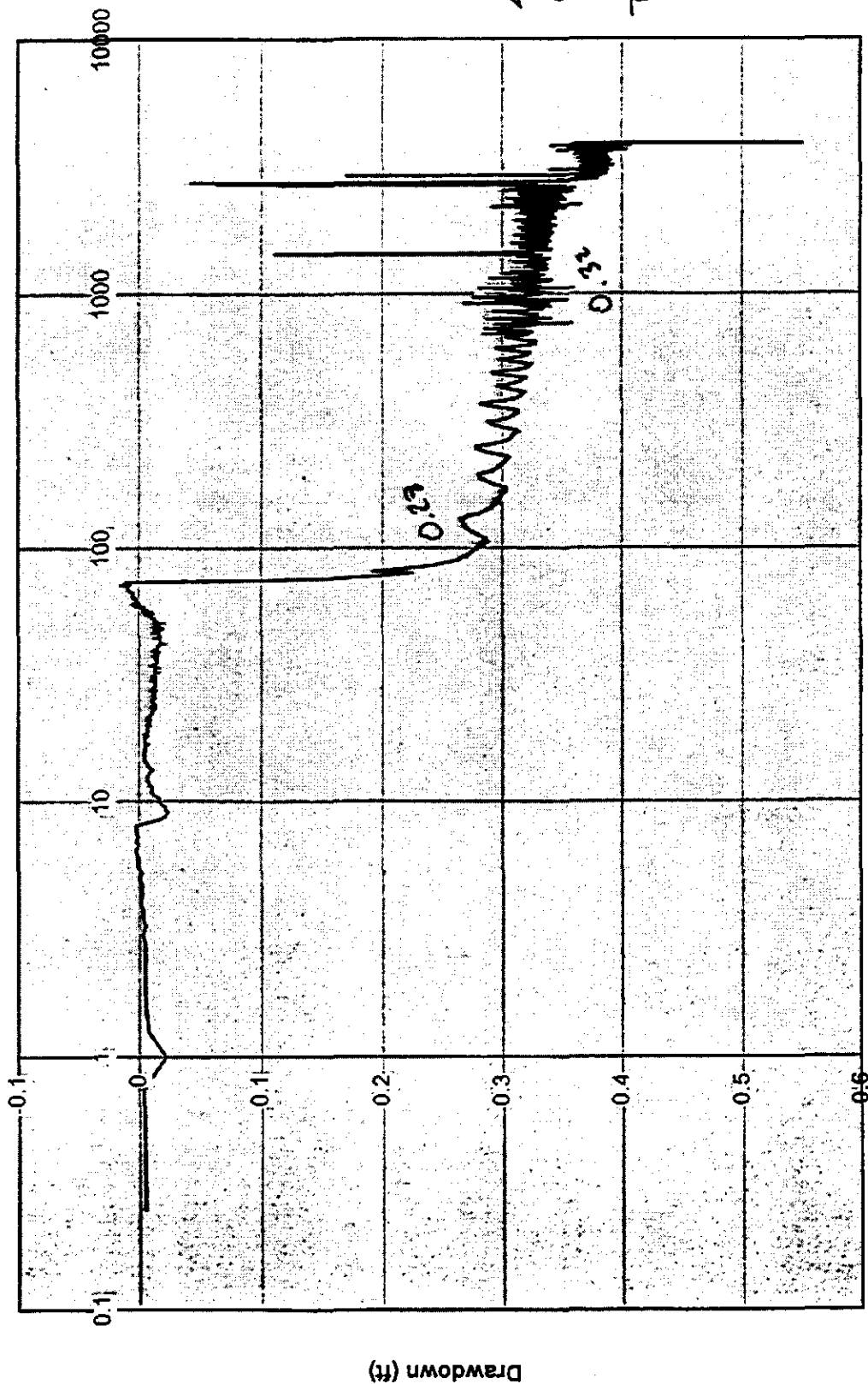
0-9

PW-5 DISTANCE - DRAWDOWN



PW-5 Pump Test

Time Since Pumping Began (minutes)



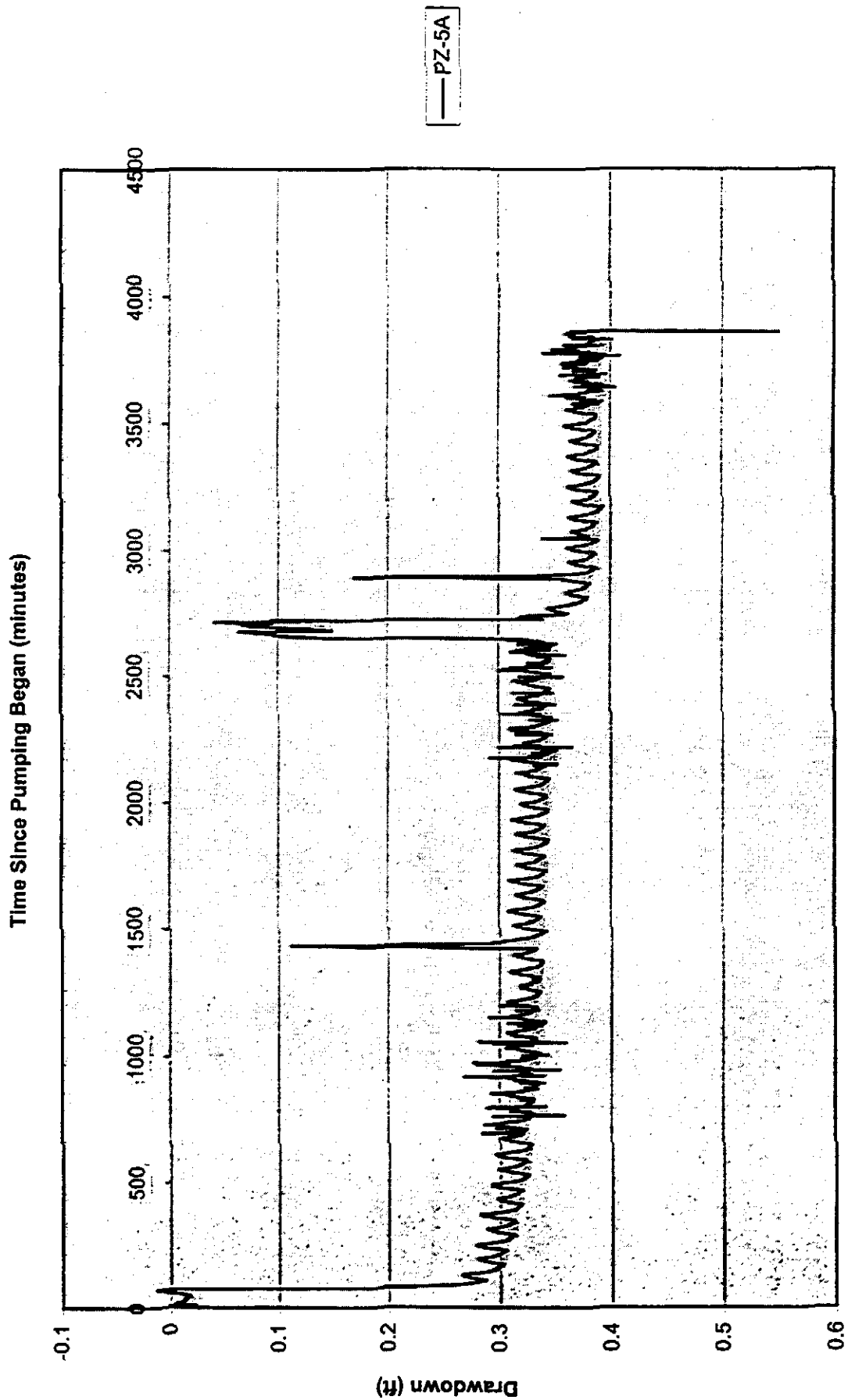
$$\Delta S = 0.04 \text{ ft}$$

$$Q = 4 \text{ gpm}$$

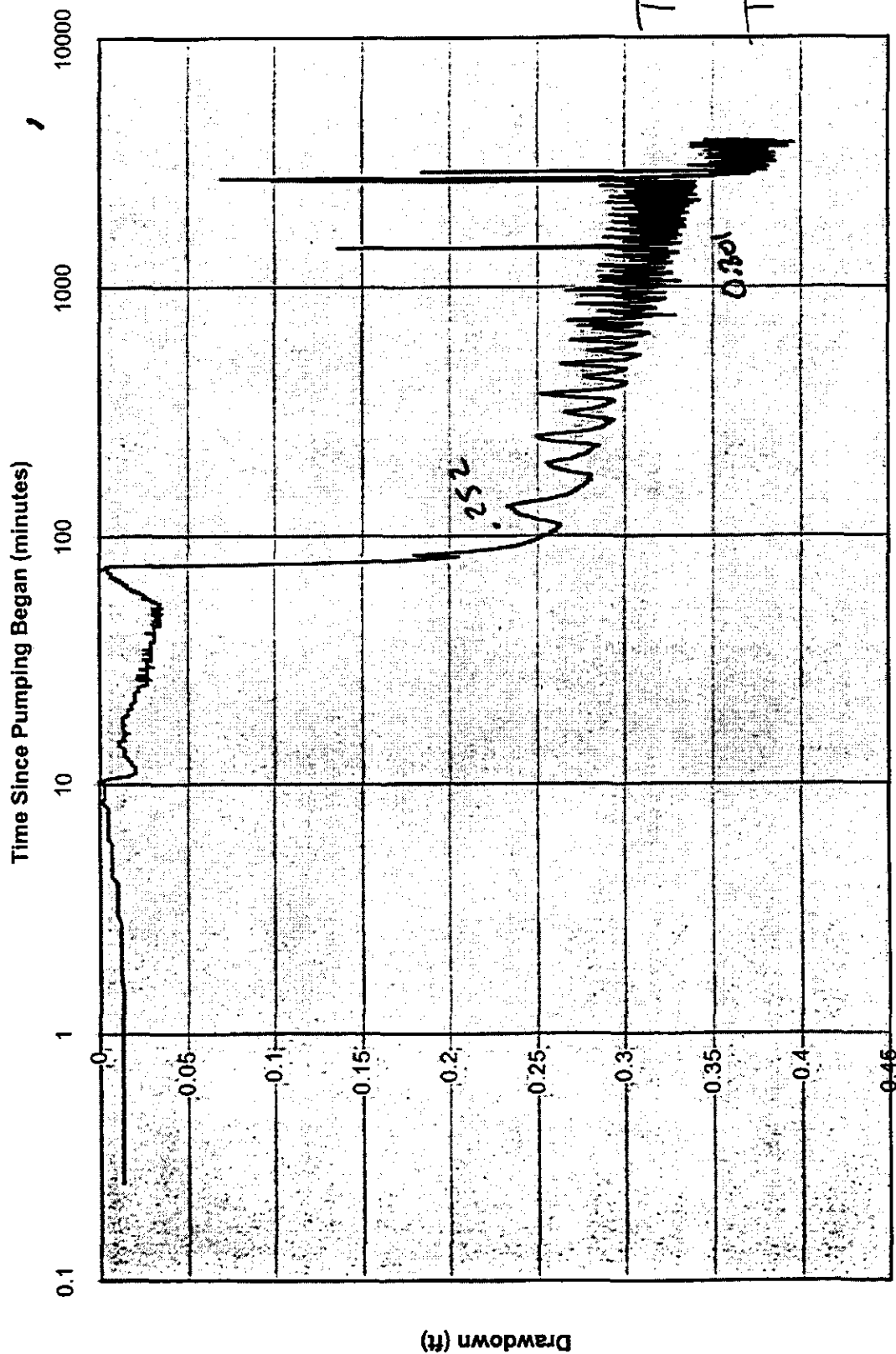
$$T = \frac{264(Q)}{\Delta S}$$

$$= 26,400 \text{ gpd/ft}$$

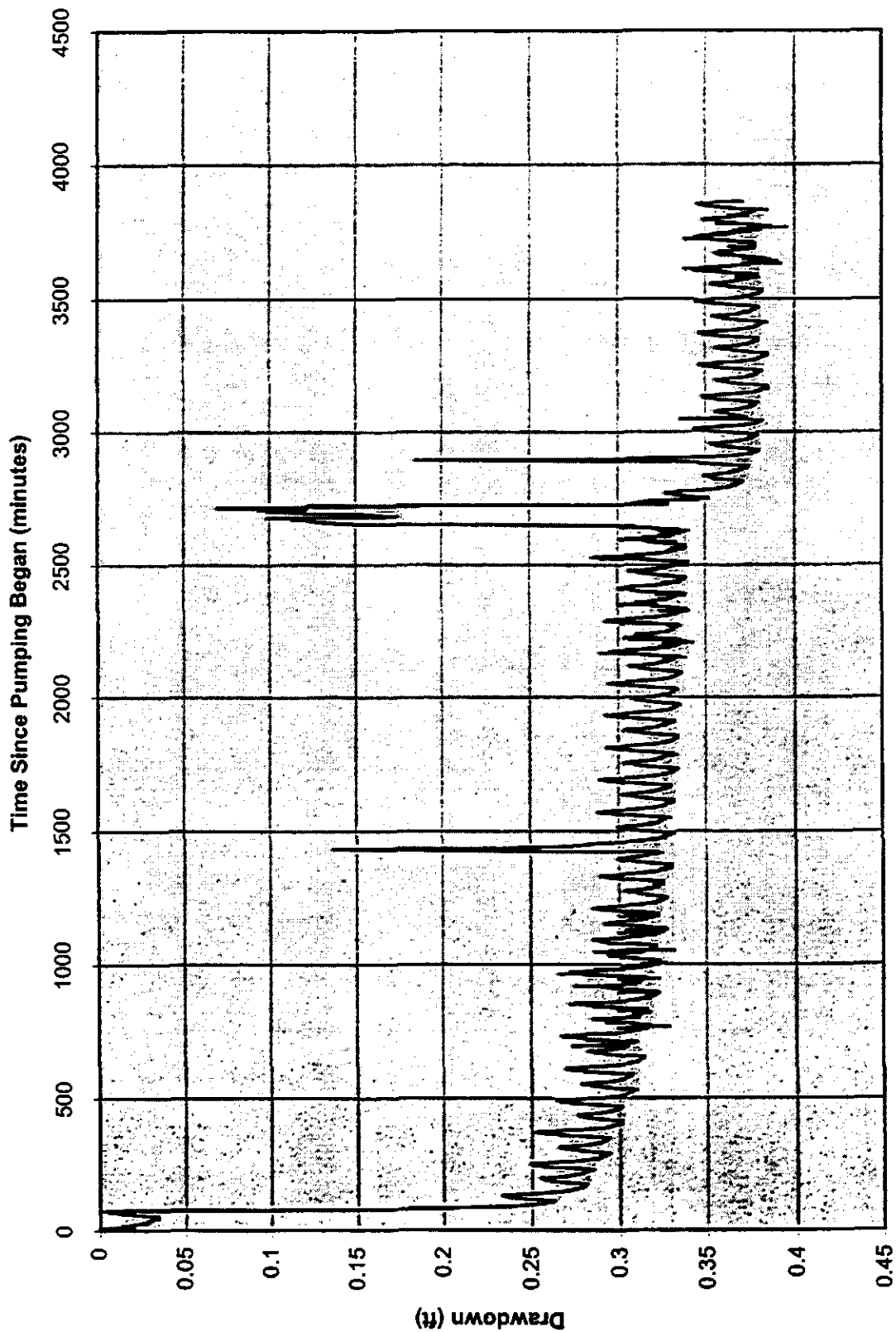
PW-5 Pump Test



Pump Test PW-5

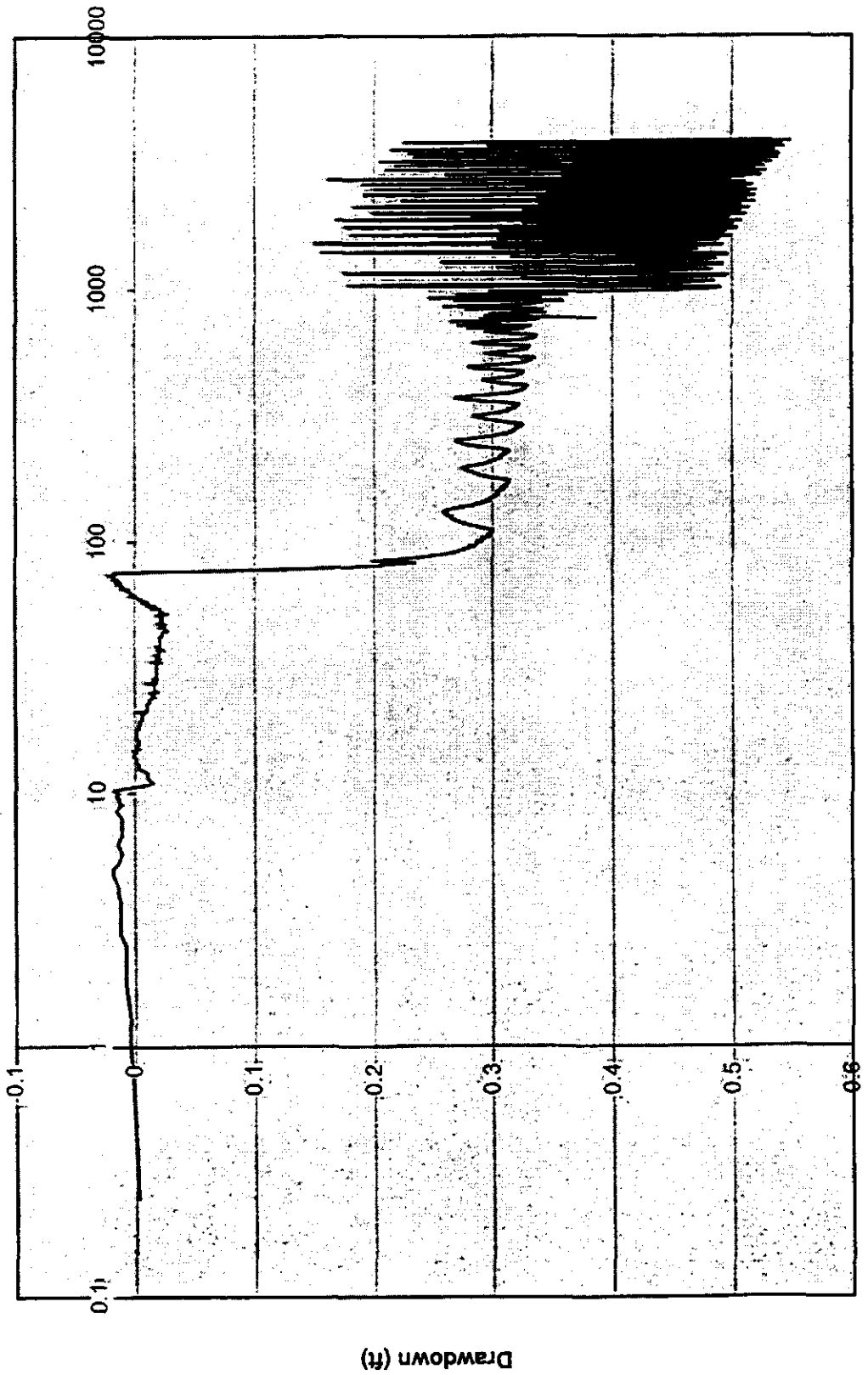


Pump Test PW-5



PW-5 Pump Test

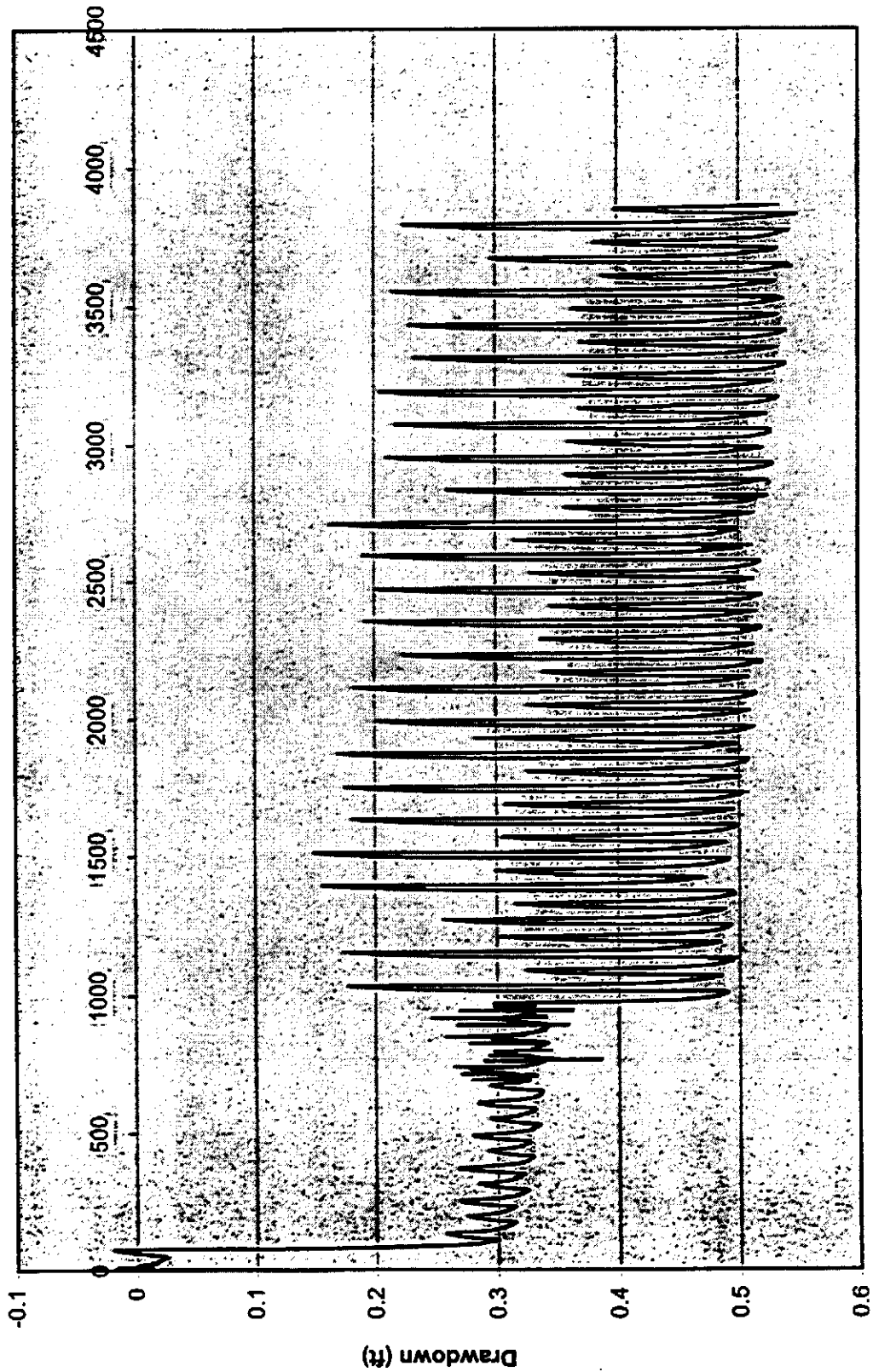
Time Since Pumping Began (minutes)



—PZ-5C

PW-5 Pump Test

Time Since Pumping Began (minutes)





Tyree
Organisation,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME

PZ-5A

CLIENT: NYS DEC
PROJECT: MR. C'S
LOCATION: 596 MAIN ST. EAST AUBURN, NY

DATE STARTED/COMPLETED: 10/23/01 - 10/23/01
LOGGED BY: C. DINAN
DRILLER: NOTHMAN, JAY: STRE
RIG: CME-75

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0	1-2				DLK. BROWN CLAYEY F. TO V.F. SAND, MOIST BUT LOOSE, LITTLE GRAVEL, TRACE ORGANICS	Drilling Method: <u>H.S.A</u> Hole Dia.: <u>4.25"</u> Depth: <u>30'</u>
1	3-4	120.2	70%			WELL DATA
2	7-13				DLK. BROWN FINE SAND, DRY LOOSE, SOME GRAVEL (HIT A ROCK)	Riser Type: <u>PVC</u> Riser Dia.: <u>2"</u> Riser Length: <u>20'</u> Interval: <u>20'-0'</u>
3	23-24	132.4	10%			Screen Type: <u>PVC</u> Screen Dia.: <u>2"</u> Screen Length: <u>10'</u> Slot: <u>.010</u> Interval: <u>30'-20'</u>
4	8-13				BROWN FINE SAND AND GRAVEL FRAGMENTS OF ROCK, DRY LOOSE	
5	16-15	152.0	20%			
6	6-6				BROWN-LT. BROWN FINE SAND AND GRAVEL/ROCK FRAGMENTS DRY, LOOSE, SOME COPPER STAINING THROUGHOUT	
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 ₂ O	
13	3-5	12.9	80%		DLK. BROWN FINE-MED SAND W/ LITTLE GRAVEL, WET SOFT	GROUT / SEAL Type: <u>BENTONITE / GROUT</u> Volume Used: <u>5 bags / 3 BAGS</u> Interval: <u>7'-15' / 15'-0'</u>
14						
15	3-5				DLK BROWN FINE-MED SAND, WET, SOFT	WELL HEAD COMPLETION Manhole: ☒ YES ☐ NO Size: _____ Concrete Pad: ☒ YES ☐ NO Size: _____
16	6-8	5.6	70%			WELL DEVELOPMENT Performed: ☐ YES ☒ NO Method: _____ Amt. Purged: _____ Date: _____

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

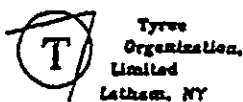
Drawn by: A. Bilger

LEGEND

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

very fine sand=0.075-0.25mm
fine sand=0.25-0.50mm
medium sand=0.50-0.85mm
course sand=0.85-1.18mm
very course sand=1.18-2.0mm

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



BOREHOLE LOG

BORING NAME ⁽²⁾
PZ-5A

CLIENT: NYCDEL
PROJECT: MR. L'S
LOCATION: 580 MAIN ST. EAST AURORA, NY

DATE STARTED/COMPLETED: 12/23/01 - 12/23/01
LOGGED BY: C. DINAN
DRILLER: NOTHINGABLE, JAY STEVE
RIG: CME-75

Depth Below Grade	Sample Interval & Name	P.L.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
16	NR-1					Drilling Method: <u>HSA</u>
17	2-5	4.5	60%		DRK. BROWN FINE - MED SAND, WET, SFT	Hole Dia.: <u>4.25</u>
18						Depth: <u>30'</u>
19	NR-NR					WELL DATA
20	2-3	8.0	60%		DRK. BROWN FINE - VF SILTY SAND, WET, SFT SWPY	Riser Type: <u>PVC</u>
21	NR-NR					Riser Dia.: <u>2"</u>
22	2-4	7.6	40%		SAME AS ABOVE	Riser Length: <u>20'</u>
23	1-1					Interval: <u>20'-0'</u>
24	1-2	0.9	90%		S.A.A.	Screen Type: <u>PVC</u>
25	NR-NR					Screen Dia.: <u>2"</u>
26	NR-3	0.0	80%		DRK BROWN FINE - MED SILTY SAND, WET, SFT SOURY	Screen Length: <u>10'</u>
27	5-4					Slot: <u>.010</u>
28	7-11	0.0	100%		TOP 1/2: DR BROWN F-M SILTY SAND WET, SFT, SWPY BOTTOM 1/2: BROWN F-F CLAYEY SILTY SAND, SFT, WET	Interval: <u>30'-90'</u>
29	NR-NR					FILTER PACK
30	NR-1	0.9	20%		BROWN V.F. - CLAYEY SILTY SAND, WET, SFT, SWPY	Source: <u>SAND</u>
						Composition: <u>CAN</u>
						Volume Used: <u>4.5 bags</u>
						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>BENTONITE / GROUT</u>
						Volume Used: <u>5 bags / 3 bags</u>
						Interval: <u>17'-15' / 15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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=0.075-0.25mm
fine sand=0.25-0.5mm
medium sand=0.5-0.85mm
course sand=0.85-1.18mm
very course sand=1.18-2.0mm

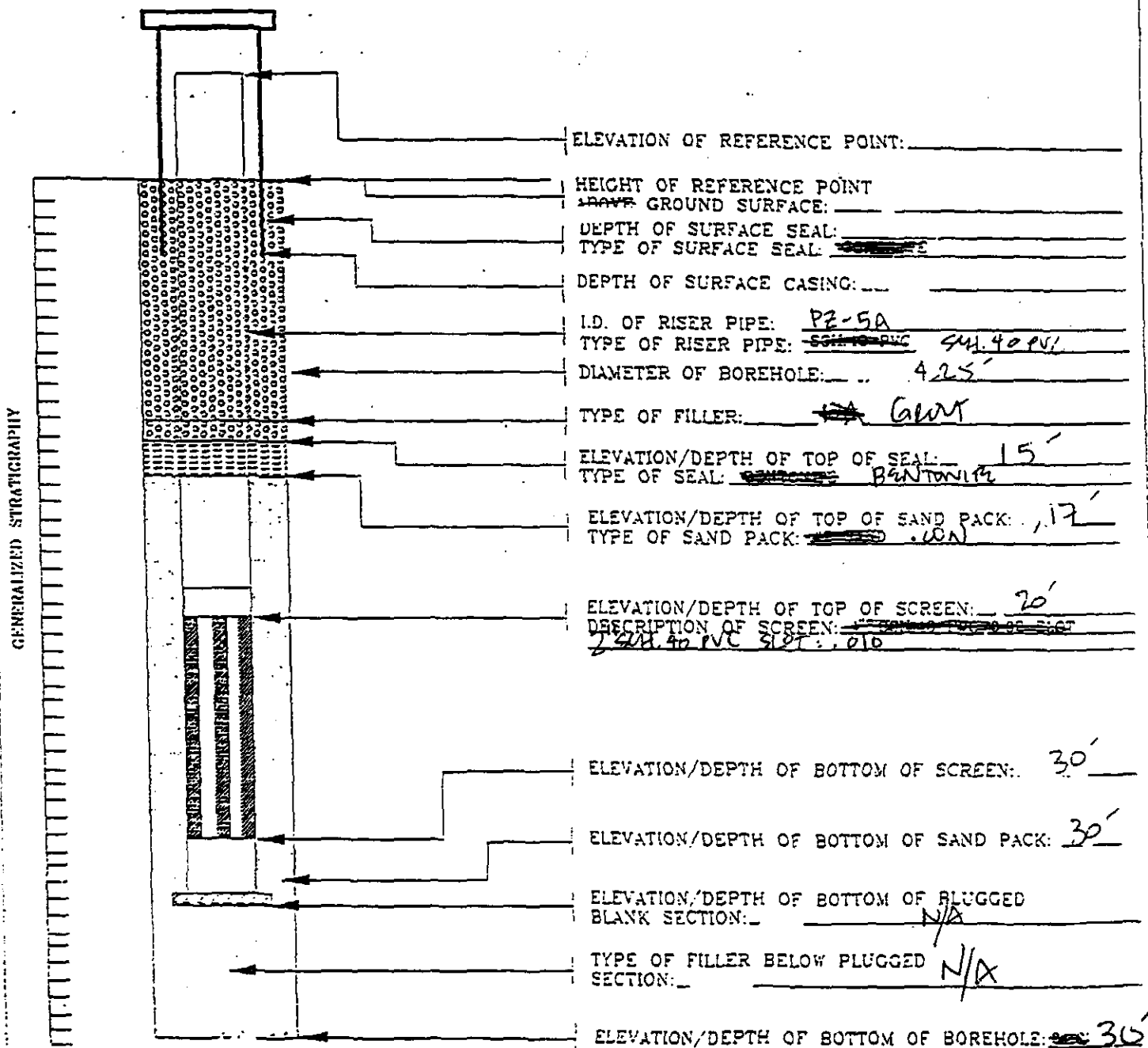
▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

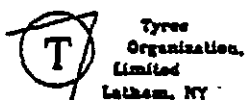
WELL DEVELOPMENT

Performed: ☐ YES ☒ NO
Method: _____
A.M.L. Purged: _____
Date: _____

WELL CONSTRUCTION DETAIL

PROJECT NAME MR. C'S PROJECT # 017301
 SITE NY 2002 MR C'S WELL # PZ-5A
 ADDRESS 506 MAIN ST. EAST AURORA, NY 14052
 (IF NOT SAME AS ABOVE)
 DATE COMPLETED 10/23/01 SUPERVISED BY CALVIN DWAN





BOREHOLE LOG

BORING NAME
PZ-5D

CLIENT: **NYSDOL**
PROJECT: **MR. C'S**
LOCATION: **580 MAIN ST. EAST AURORA, NY**

DATE STARTED/COMPLETED: **10/24/01 - 10/24/01**
LOGGED BY: **C. DINAN**
DRILLER: **NADINAGHE, JAY: STONE**
RIG: **CME-75**

Depth Below Grade	Sample Interval & Name	P.L.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: H.S.A.
2						Hole Dia.: 4.25
4						Depth: 35
6						WELL DATA
8						Riser Type: PVC
10						Riser Dia.: 2"
12						Riser Length: 20
14						Interval: 20-0'
16						Screen Type: PVC
18						Screen Dia.: 2"
20						Screen Length: 10'
22						Slot: .010
24						Interval: 35'-20'
26						FILTER PACK
28						Source: SAND
30						Composition: .00 N
						Volume Used: 4.5 BAGS
						Interval: 35'-17'
						GROUT / SEAL
						Type: BENONITE / GRUNT
						Volume Used: 1/2 BAG / 3 BAGS
						Interval: 17'-15' / 15'-0'
						WELL HEAD COMPLETION
						Manhole: ☒ YES ☐ NO
						Size: _____
						Concrete Pad: ☒ YES ☐ NO
						Size: _____

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=0.075-0.25mm
fine sand=0.25-0.50mm
medium sand=0.5-1mm
course sand=1-2mm
very course sand=2-6mm

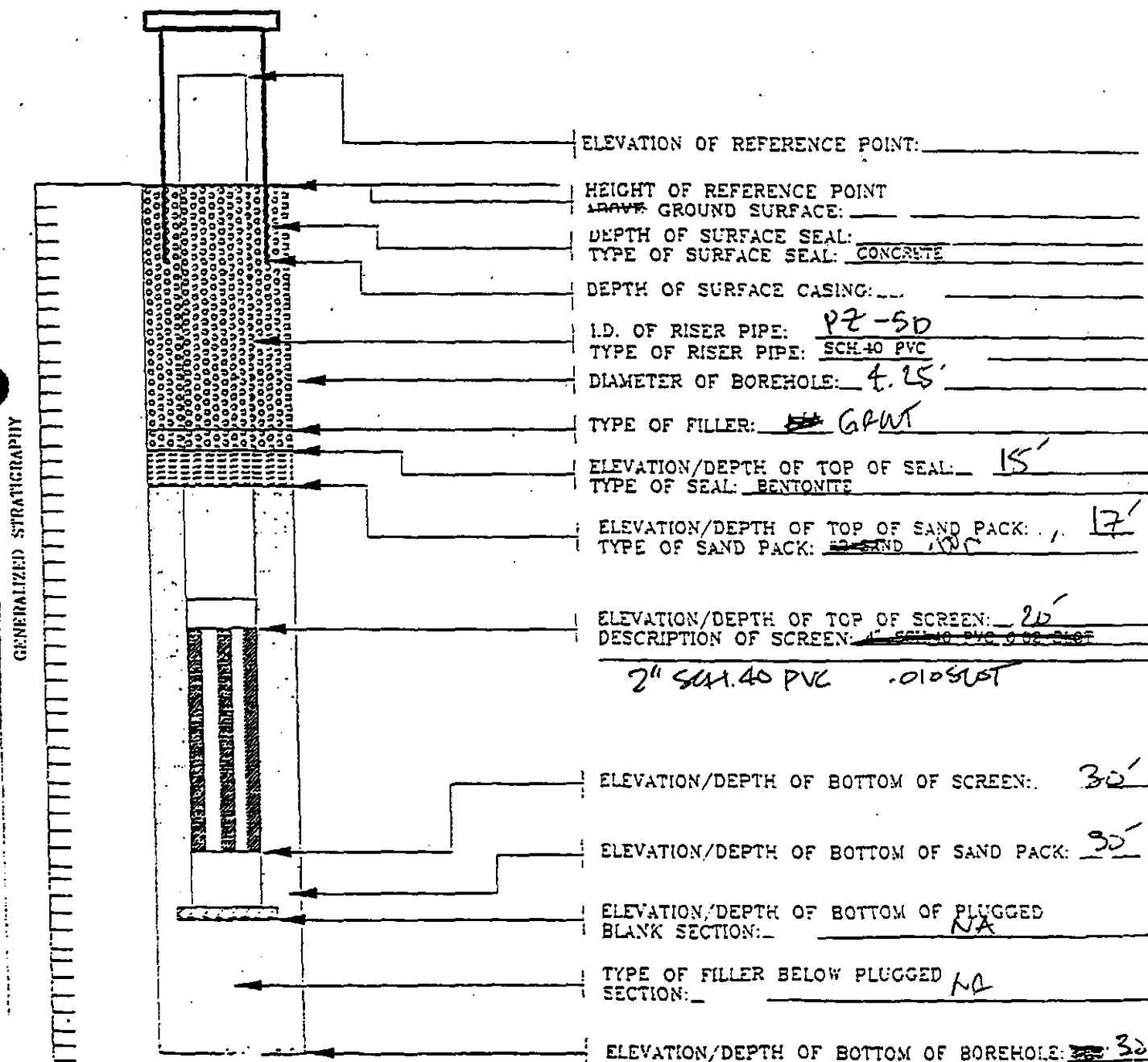
▽ = ground water table
f-gravel=2-4mm
m-gravel=4-64mm
c-gravel=64-256mm

WELL DEVELOPMENT

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

WELL CONSTRUCTION DETAIL

PROJECT NAME MCC's PROJECT # 017301
 SITE NY 5096 ME. C's WELL # PZ-B5D
 ADDRESS 586 MAIN ST. EAST AURORA, NY
 (IF NOT SAME AS ABOVE)
 DATE COMPLETED 10/24/01 SUPERVISED BY CATHY DWAN





Tyree
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME

PZ-5C

CLIENT: NYSDOT
PROJECT: MR. C'S
LOCATION: 586 MAIN ST. EAST ALBANY, NY

DATE STARTED/COMPLETED: 10/24/01
LOGGED BY: C. DINAN
DRILLER: NATHAN ABLE, WYBORNG
RIG: CME-75

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: <u>H.S.A</u>
2						Hole Dia.: <u>9.25"</u>
4						Depth: <u>3'</u>
6						
8						WELL DATA
10						Riser Type: <u>PVL</u>
12						Riser Dia.: <u>2"</u>
14						Riser Length: <u>20'</u>
16						Interval: <u>20'-0'</u>
18						Screen Type: <u>PVL</u>
20						Screen Dia.: <u>2"</u>
22						Screen Length: <u>10'</u>
24						Slot: <u>.010</u>
26						Interval: <u>30'-20'</u>
28						FILTER PACK
30						Source: <u>SAND</u>
						Composition: <u>WON</u>
						Volume Used: <u>4.5 bags</u>
						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>BENTONITE / GROUT</u>
						Volume Used: <u>1/2 bag / 3 bags</u>
						Interval: <u>17'-15' / 15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☒ YES ☐ NO
						Size: _____
						Concrete Pad: ☒ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☒ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

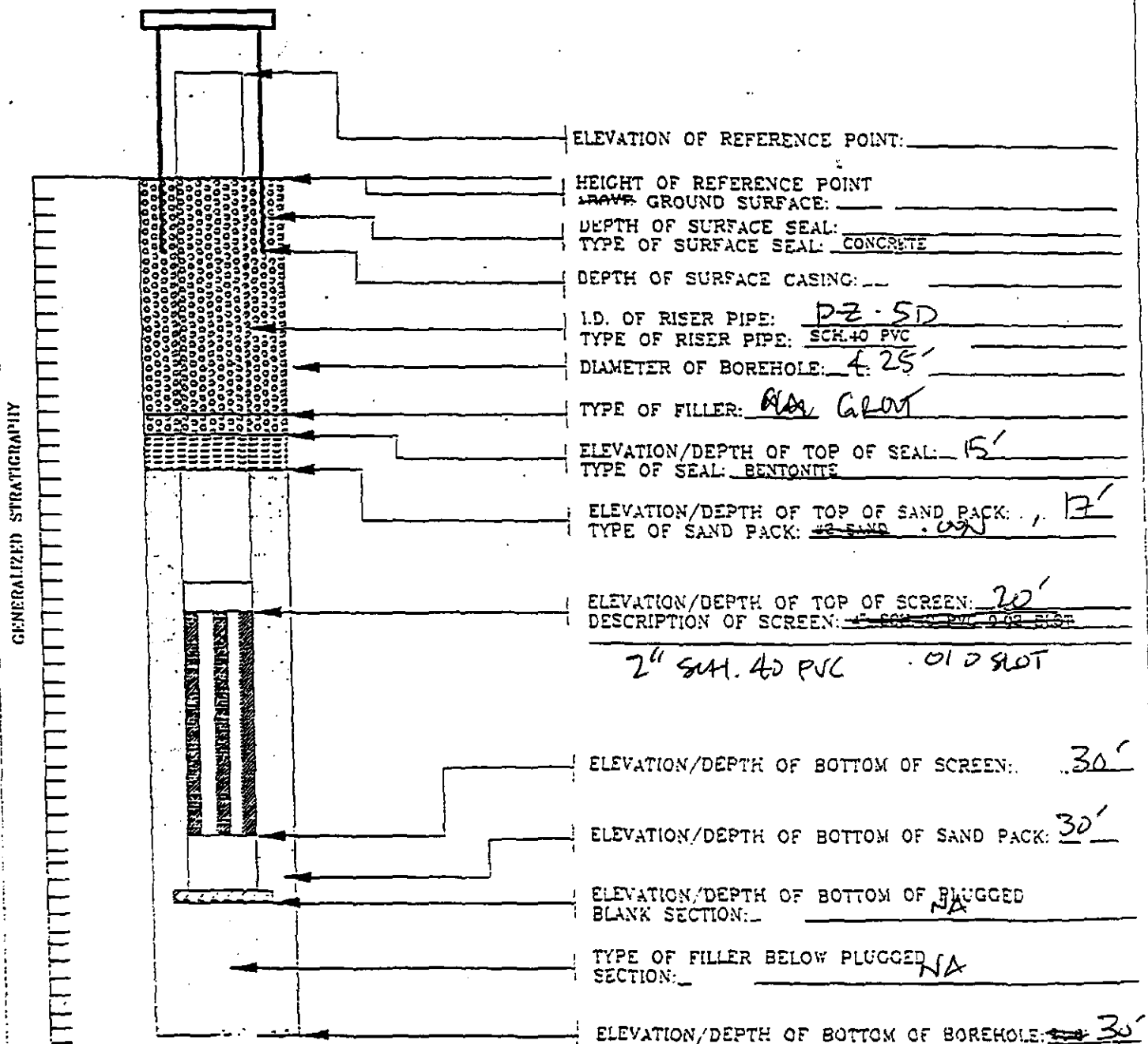
Drawn by: A. Bilger

LEGEND

trace=1-10%	very fine sand=0.075-0.25mm	▽ = ground water table
little=10-20%	fine sand=0.25-0.5mm	f-gravel=2-4mm
some=20-30%	medium sand=0.5-1mm	m-gravel=4-64mm
and=30-50%	course sand=1-2mm	c-gravel=64-256mm

WELL CONSTRUCTION DETAIL

PROJECT NAME MR C's PROJECT # 017301
 SITE NYSDGL ML.C's WELL # PZ-5C
 ADDRESS 586 MAIN ST. EAST AURORA, NY
 (IF NOT SAME AS ABOVE)
 DATE COMPLETED 10/24/01 SUPERVISED BY CARLYN DINAN





Tyres
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME
PZ-5B

CLIENT: NYSD&C
PROJECT: MR. C's
LOCATION: 586 MAIN ST. EAST AURORA, NY

DATE STARTED/COMPLETED: 1/23/01 - 1/24/01
LOGGED BY: C. DIJAN
DRILLER: NATHANALE, JAY SPENZ
RIG: CM2-75

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: <u>HSA</u>
2						Hole Dia.: <u>4.25</u>
4						Depth: <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia.: <u>2"</u>
12						Riser Length: <u>20'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia.: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>.010</u>
24						Interval: <u>30'-0'</u>
26						FILTER PACK
28						Source: <u>SAND</u>
30						Composition: <u>OWN</u>
						Volume Used: <u>4.5 BAGS</u>
						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>BENTONITE / GROUT</u>
						Volume Used: <u>2000 / 30 BAGS</u>
						Interval: <u>17'-15' / 15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☒ YES ☐ NO
						Size: _____
						Concrete Pad: ☒ YES ☐ NO
						Size: _____

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

Drawn by: A. Bilger

LEGEND

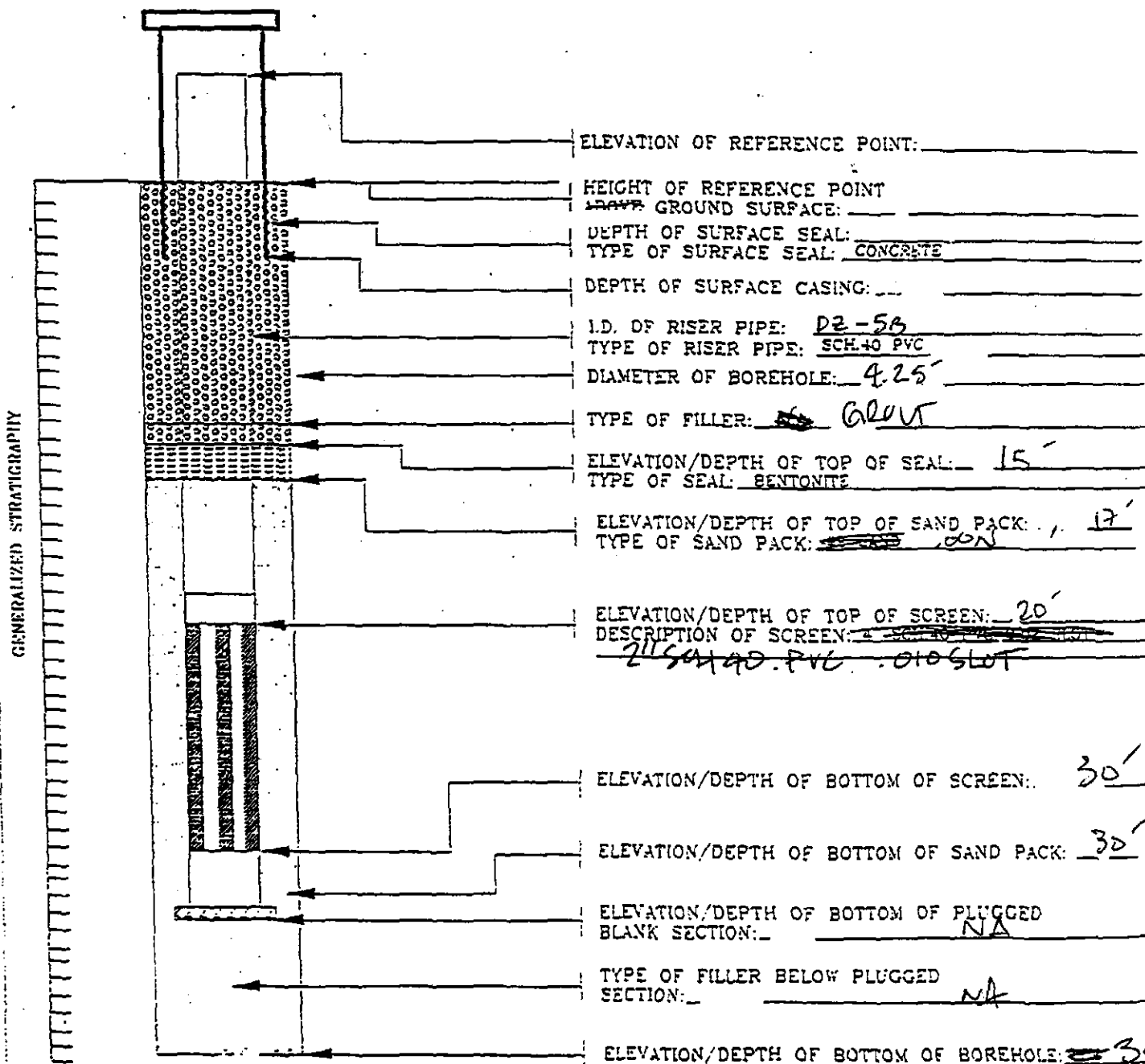
trace=1-10%	very fine sand=0.8-0.13mm	▽ = ground water table f-gravel=2-4mm m-gravel=4-64mm c-gravel=64- 256mm
little=10-20%	fine sand=0.13-0.25mm	
some=20-30%	medium sand=0.25-0.50mm	
and=30-50%	course sand=0.5-1mm	
	very course sand=1-2mm	

WELL DEVELOPMENT

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

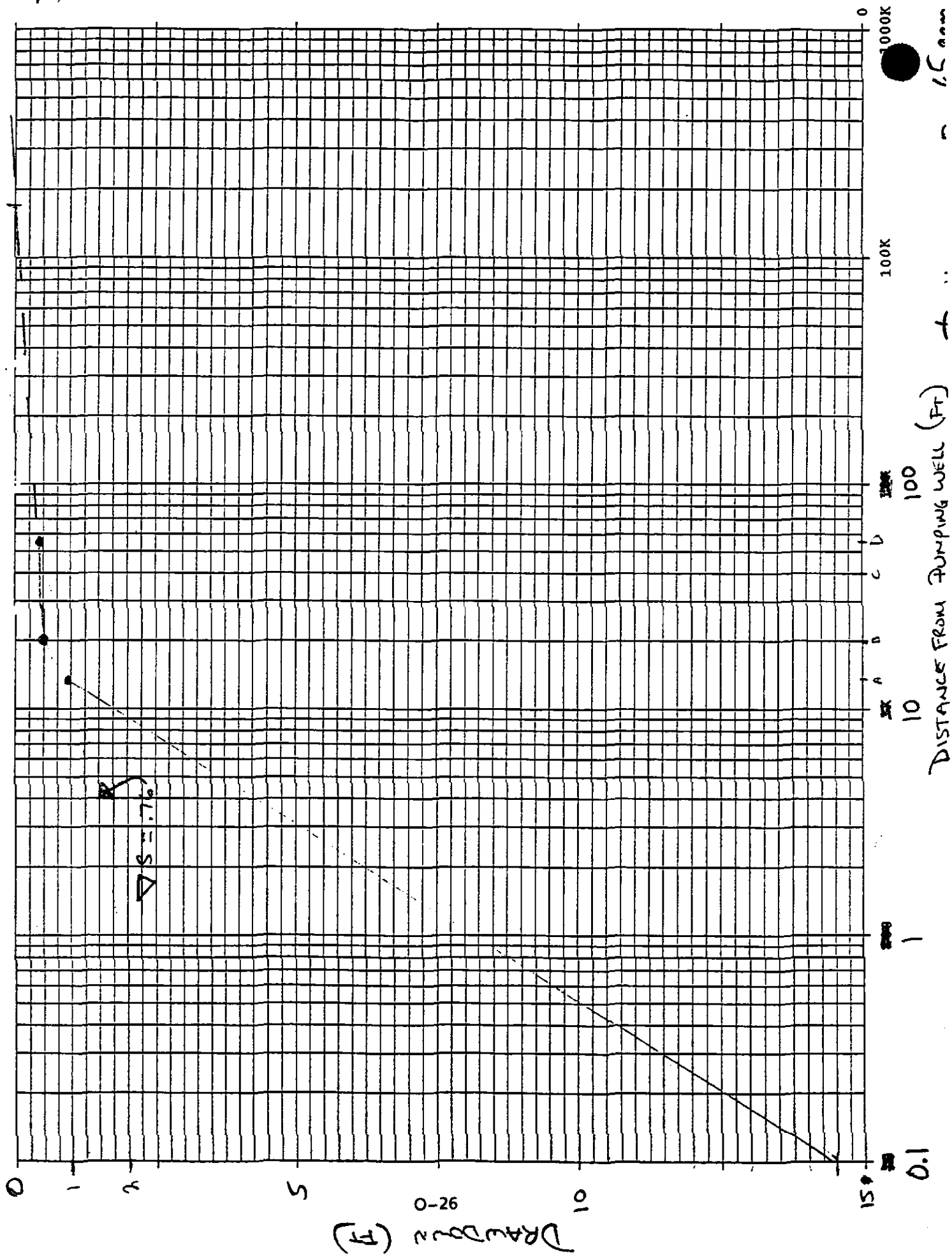
WELL CONSTRUCTION DETAIL

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 CALYN DINAN



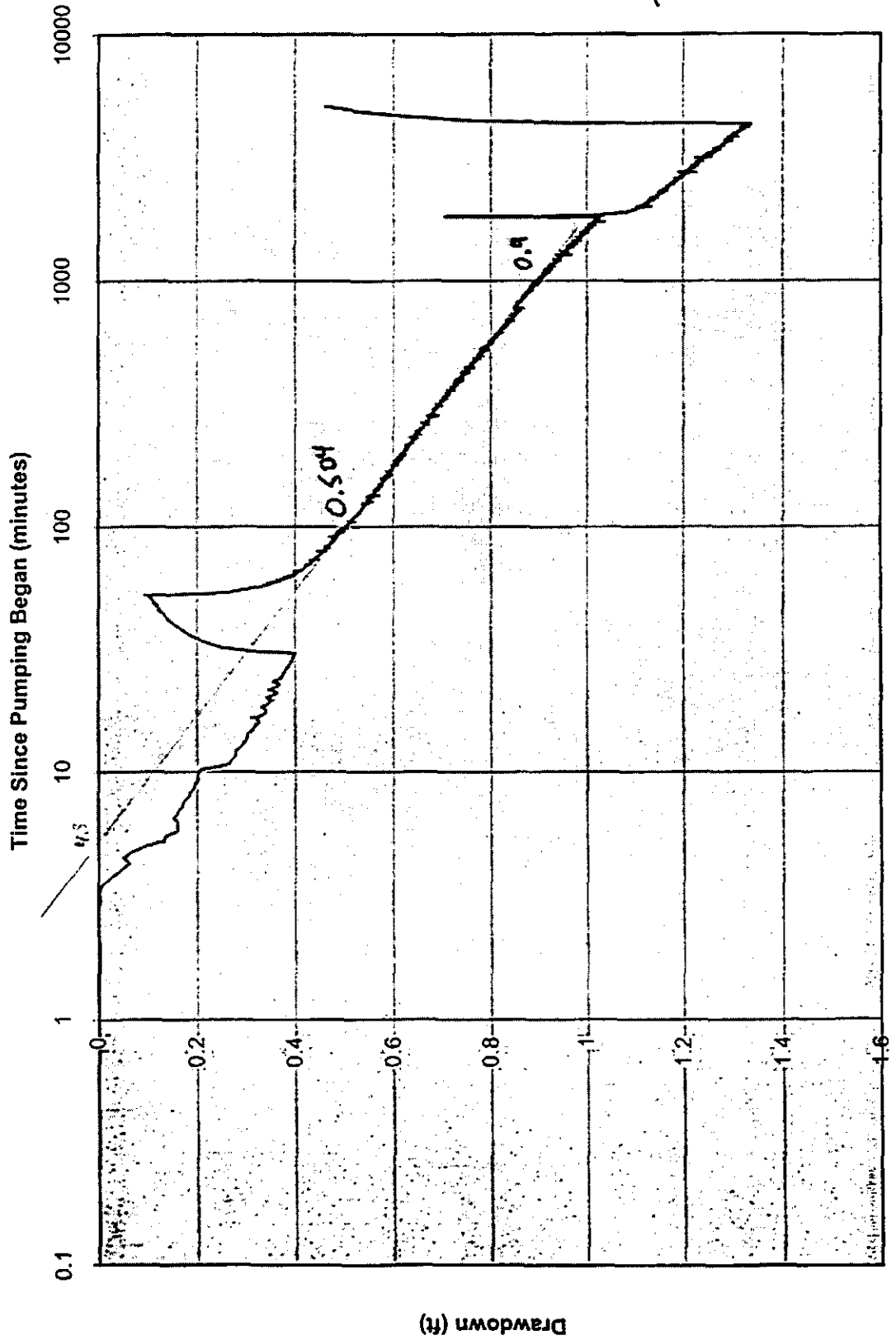
RW-1 DISTANCE - DRAWDOWN

42



52

RW-1 Pump Test



17-0

$$Q = 65 \text{ gpm}$$

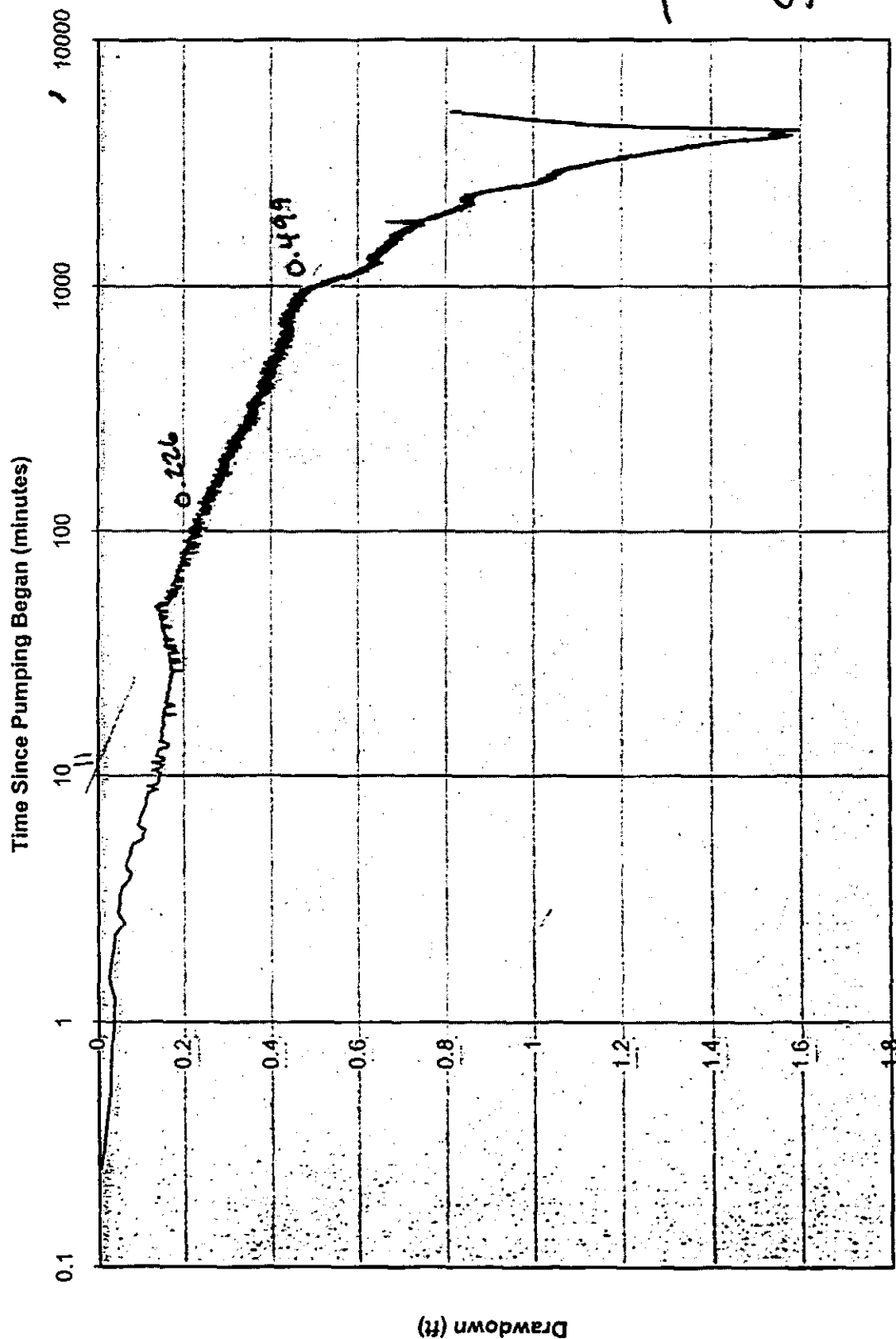
$$AS = 0.006$$

$$T = \frac{964 Q}{AS}$$

$$= 43,333 \text{ gal/cr}$$

$$S = 300$$

RW-1 Pump Test



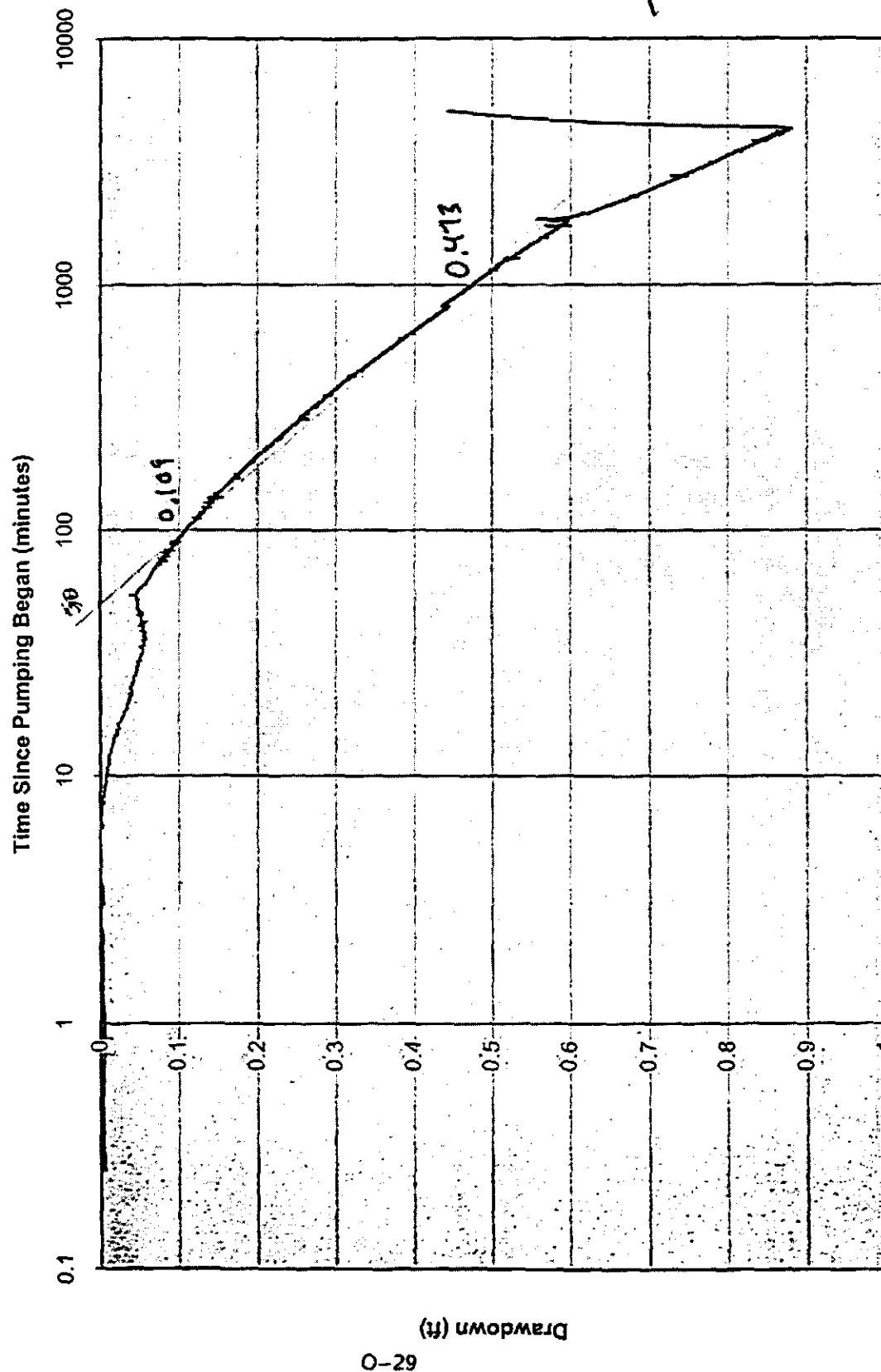
82-0

$AS = .273$

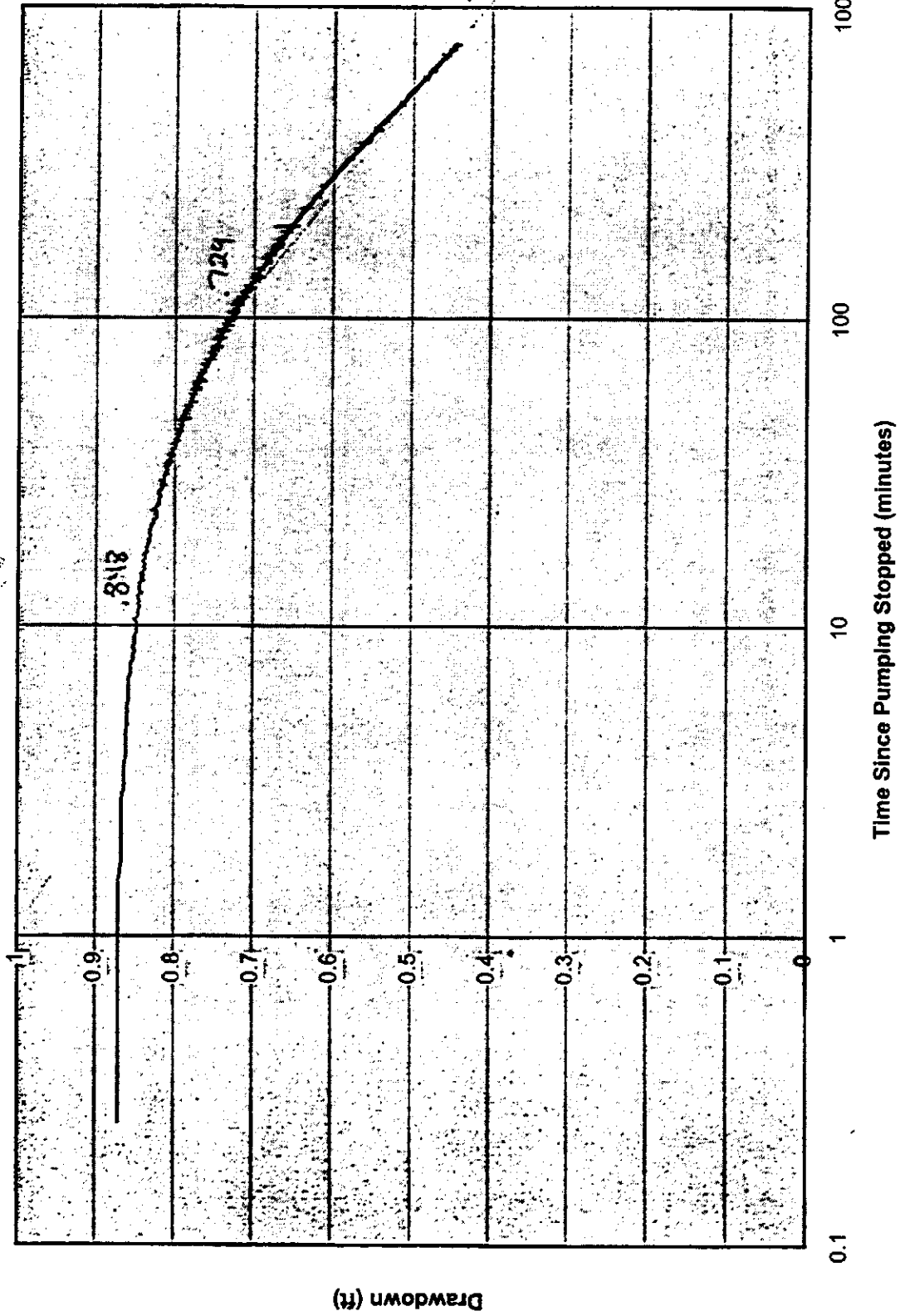
$T = 62,857 \text{ gal/cf}$

$S = 516$

RW-1 Pump Test



Recovery Test



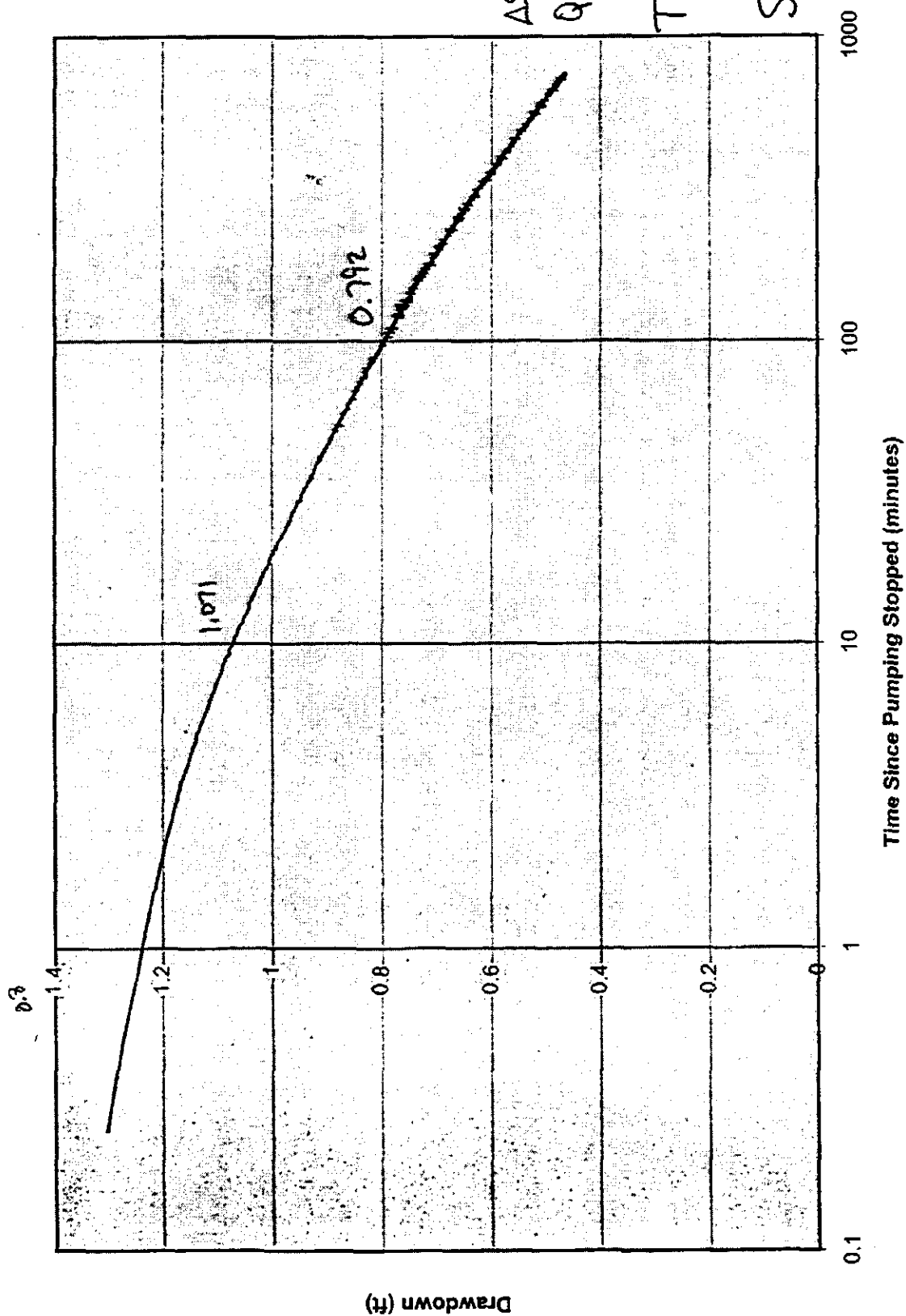
$\Delta s = .119$

$\Delta s = .319$

$T = 53,713 \text{ gal/ft}$

$S = 96$

Recovery Test RW-1



— PZ-1A

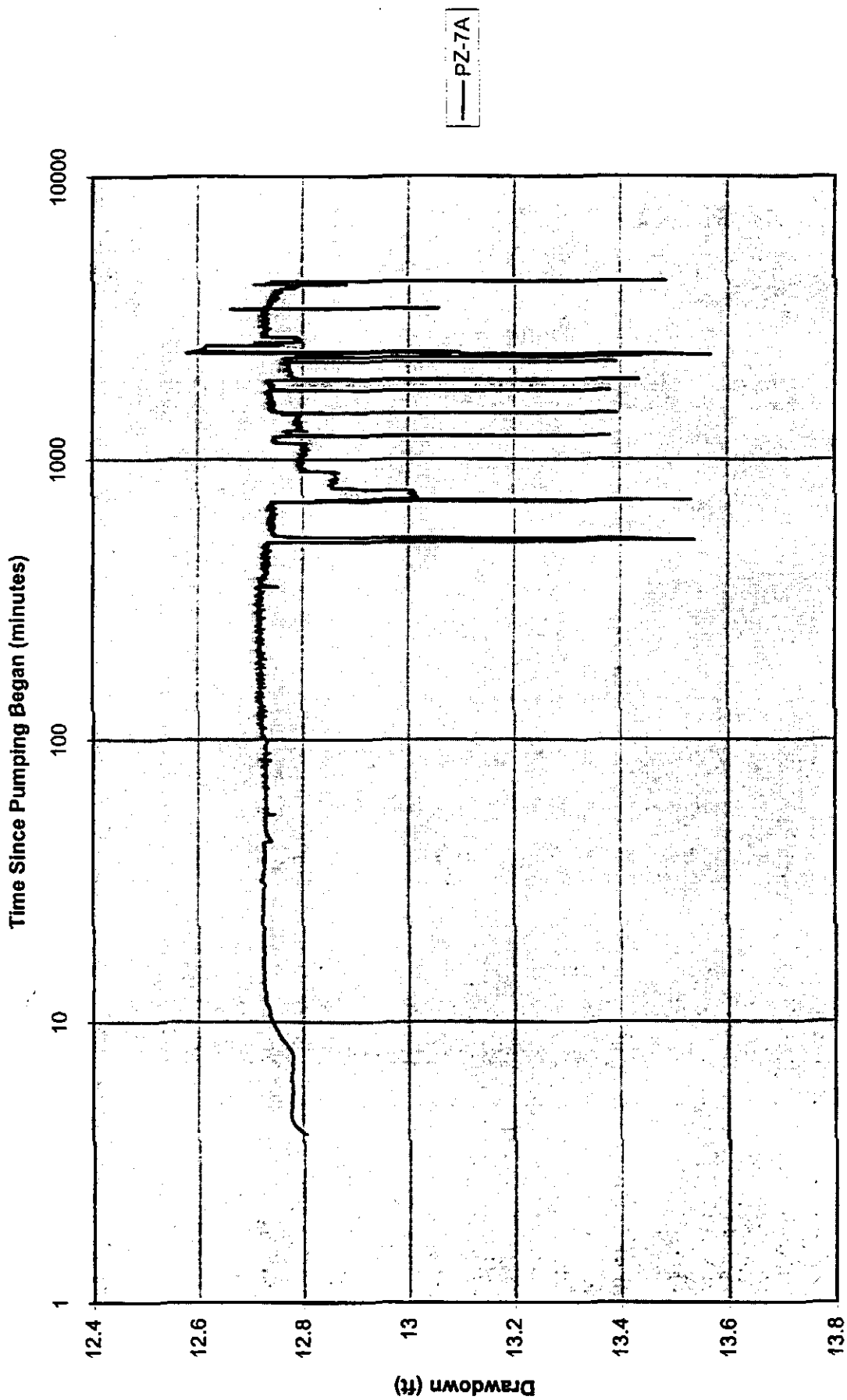
$\Delta S = 0.279$

$Q = 65$

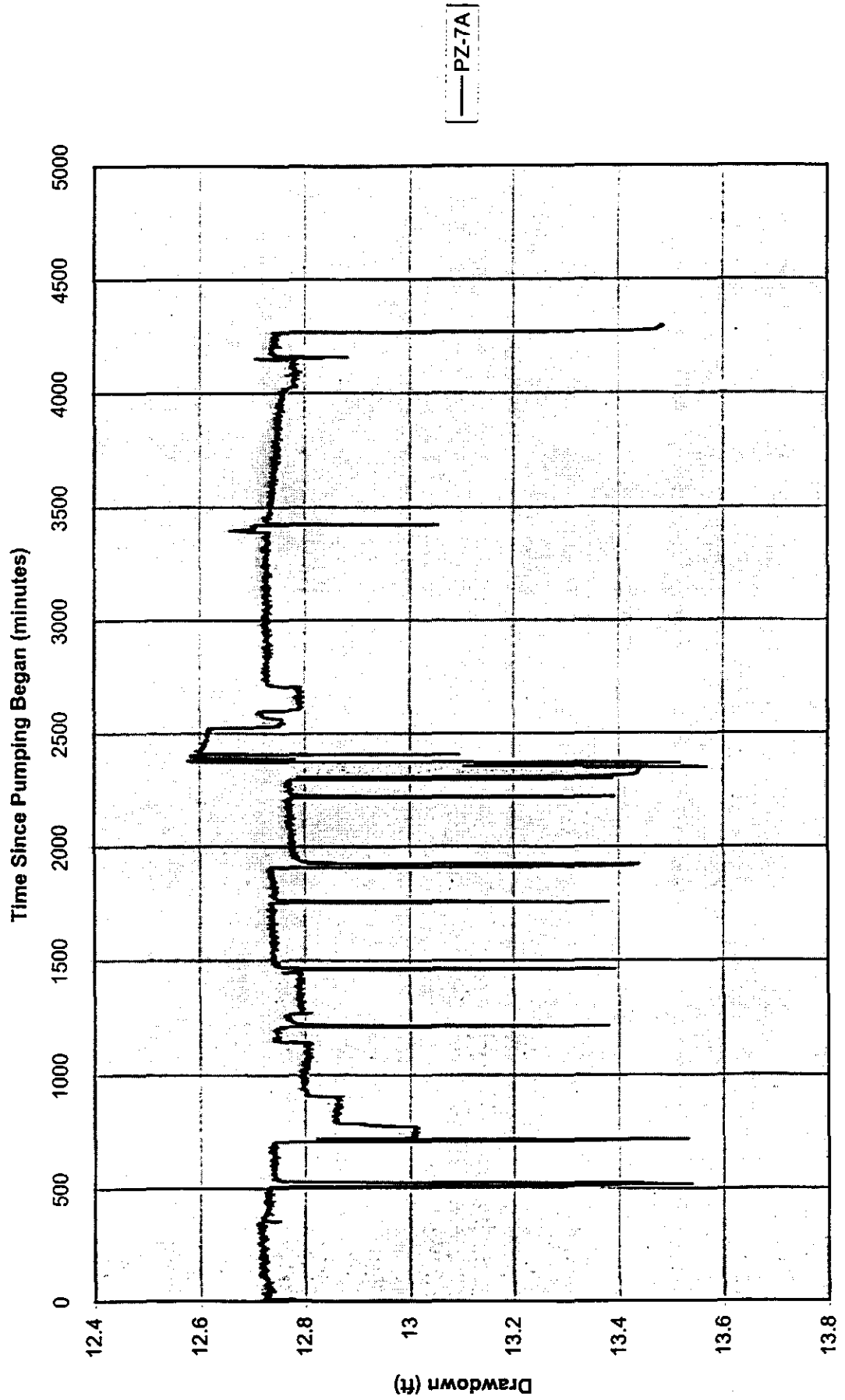
$T = 61505 \text{ gal/cr}$

$S = 71$

PW-7 Pump Test

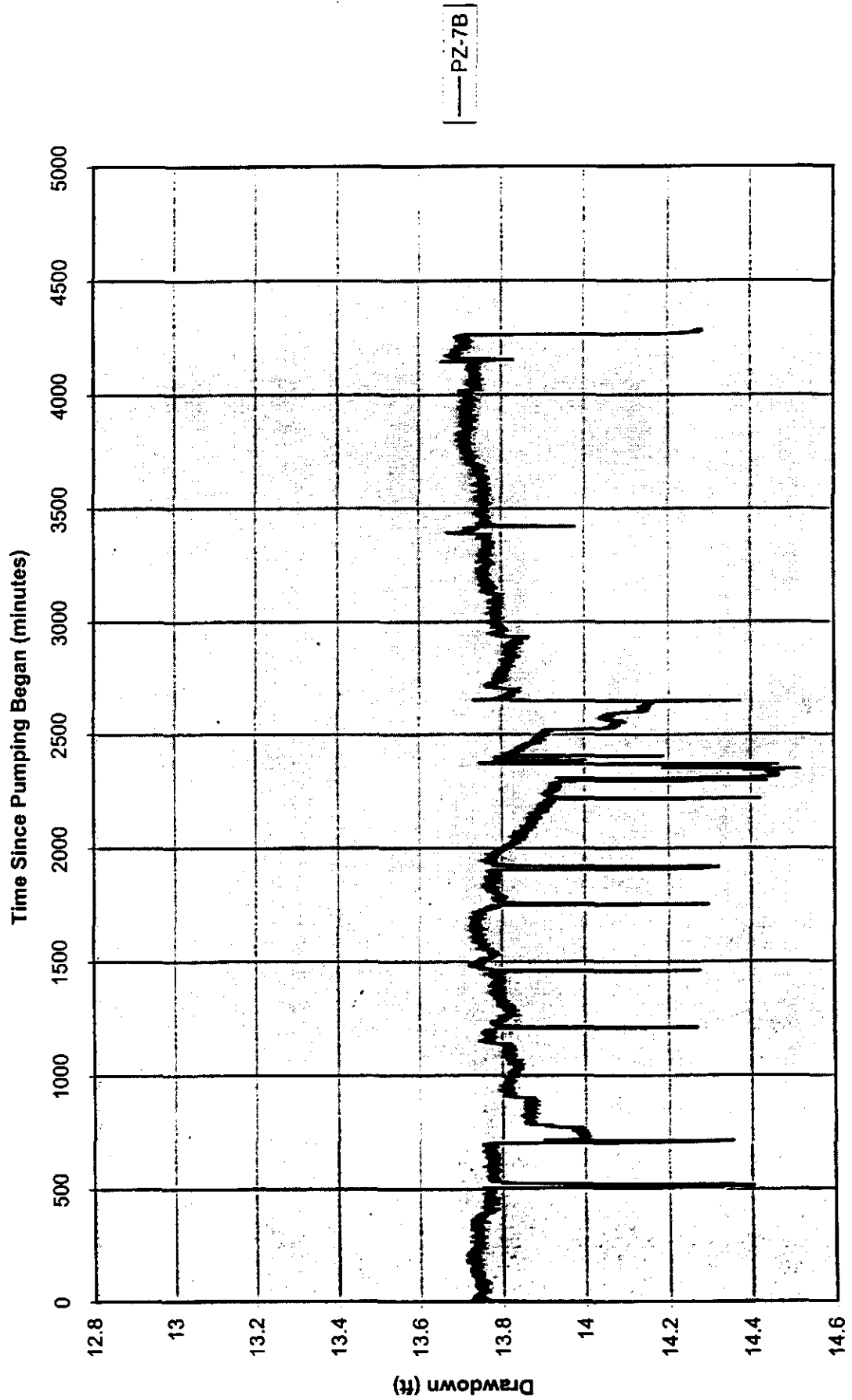


PW-7 Pump Test



22

PW-7 Pump Test





Tyron
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME

PC-78

CLIENT: NYSDOC

PROJECT: MR. C'S

LOCATION: 586 NORTH ST, EAST HADDON, NY

DATE STARTED/COMPLETED: 10/30/91 - 10/30/91

LOGGED BY: D. PERRALLO

DRILLER: NOTHING IS DRILLING

RIG: CMB 75

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0	1.0, 1.8	0.0	90%		M-C SAND/BL, SOME F-C GRAVEL/BL DRY	Drilling Method: <u>HSA</u> Hole Dia.: <u>4.25"</u> Depth: <u>70'</u>
2	13.4, 14.2	0.0	95%		F-M SAND/BL, TR SCLT/BL, MDRY	WELL DATA
4	4.5, 3.3	0.0	60%		F-M SAND/BL, SOME SCLT/BL, MDRY	Riser Type: <u>PVC</u>
6	3.4, 1.4	0.0	50%		M-C SAND/BL, SM F-C GRAVEL/BL TR SCLT/BL, MDRY	Riser Dia.: <u>2"</u>
8	2.4, 1.5	0.0	50%		M-C SAND/BL, SM F-C GRAVEL/BL MDD & SCLT/BL, MDRY	Riser Length: <u>20'</u>
10	1.2, 1.5	0.0	60%		F-M SAND/BL, TR SCLT/BL, WET	Interval: <u>20' - 0'</u>
12	6.8, 11.12	—	0%			Screen Type: <u>PVC</u>
14	6.8, 11.12	0.0	10%		F-M SAND/BL, SM SCLT/BL, MDRY TR F GRAVEL/BL, WET	Screen Dia.: <u>2"</u>
16	2.1, 1.9	0.0	50%		F-M SAND/BL, TR SCLT/BL, WET	Screen Length: <u>10'</u>
18	3.4, 4.10	0.0	70%		F-M SAND/BL, TR SCLT/BL, WET	SLOT: <u>.010</u>
20	2.1, 1.9	0.0	60%		F-M SAND/BL, TR SCLT/BL, WET	Interval: <u>30' - 20'</u>
22	2.4, 1.12	0.0	70%		F-M SAND/BL, TR SCLT/BL, WET	FILTER PACK
24	2.1, 1.7	0.0	70%		M-C SAND/BL, WET	Source: <u>SAND</u>
26	1.1, 1.2	0.0	80%		M-C SAND/BL, WET	Composition: <u>4.005</u>
28	13.6, 11.9	0.0	50%		M-C SAND/BL, WET	Volume Used: <u>4.005</u>
30						Interval: <u>30' - 12'</u>
						GROUT / SEAL
						Type: <u>PORTLAND CEMENT</u>
						Volume Used: <u>5.005</u>
						Interval: <u>12' - 15' / 15' - 0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____
						WELL DEVELOPMENT
						Performed: ☐ YES ☐ NO
						Method: _____
						Amt. Purged: _____
						Date: _____

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

Drawn by: A. Nigro

LEGEND

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

very fine sand=0.0-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very coarse sand=1-2mm

∇ = ground
water table
f-gravel=2-4mm
m-gravel=4-84mm
c-gravel=84-
256mm



T. Types
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME

PZ-7C

CLIENT: NYS DEC
PROJECT: MR. C's CLEANERS
LOCATION: 586 MARY ST, EAST AURORA, NY 14052

DATE STARTED/COMPLETED: 11/6/01 - 11/6/01
LOGGED BY: D. PERRELLA
DRILLER: NOTHING
RIC: METE-6-METE (MORRIS)

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method <u>HSA</u>
2						Hole Dia: <u>4.25"</u>
4						Depth <u>30'</u>
6						WELL DATA
8						Riser Type: <u>PVC</u>
10						Riser Dia: <u>2"</u>
12						Riser Length: <u>70'</u>
14						Interval: <u>20'-0'</u>
16						Screen Type: <u>PVC</u>
18						Screen Dia: <u>2"</u>
20						Screen Length: <u>10'</u>
22						Slot: <u>0.010</u>
24						Interval: <u>30'-20'</u>
26						FILTER PACK
28						Source: <u>SAND</u>
30						Composition: <u>40%GS</u>
						Volume Used: <u>40%GS</u>
						Interval: <u>30'-17'</u>
						GROUT / SEAL
						Type: <u>BENT / GROUT</u>
						Volume Used: <u>100%GS / 40%GS</u>
						Interval: <u>17'-15' / 15'-0'</u>
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: A. Bigger

LEGEND

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

very fine sand=0.075-0.25mm
fine sand=0.25-0.50mm
medium sand=0.50-0.85mm
course sand=0.85-1.18mm
very course sand=1.18-2.0mm

▽ = ground
water table
f-gravel=2-4mm
m-gravel=4-84mm
c-gravel=84-
250mm

WELL DEVELOPMENT

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

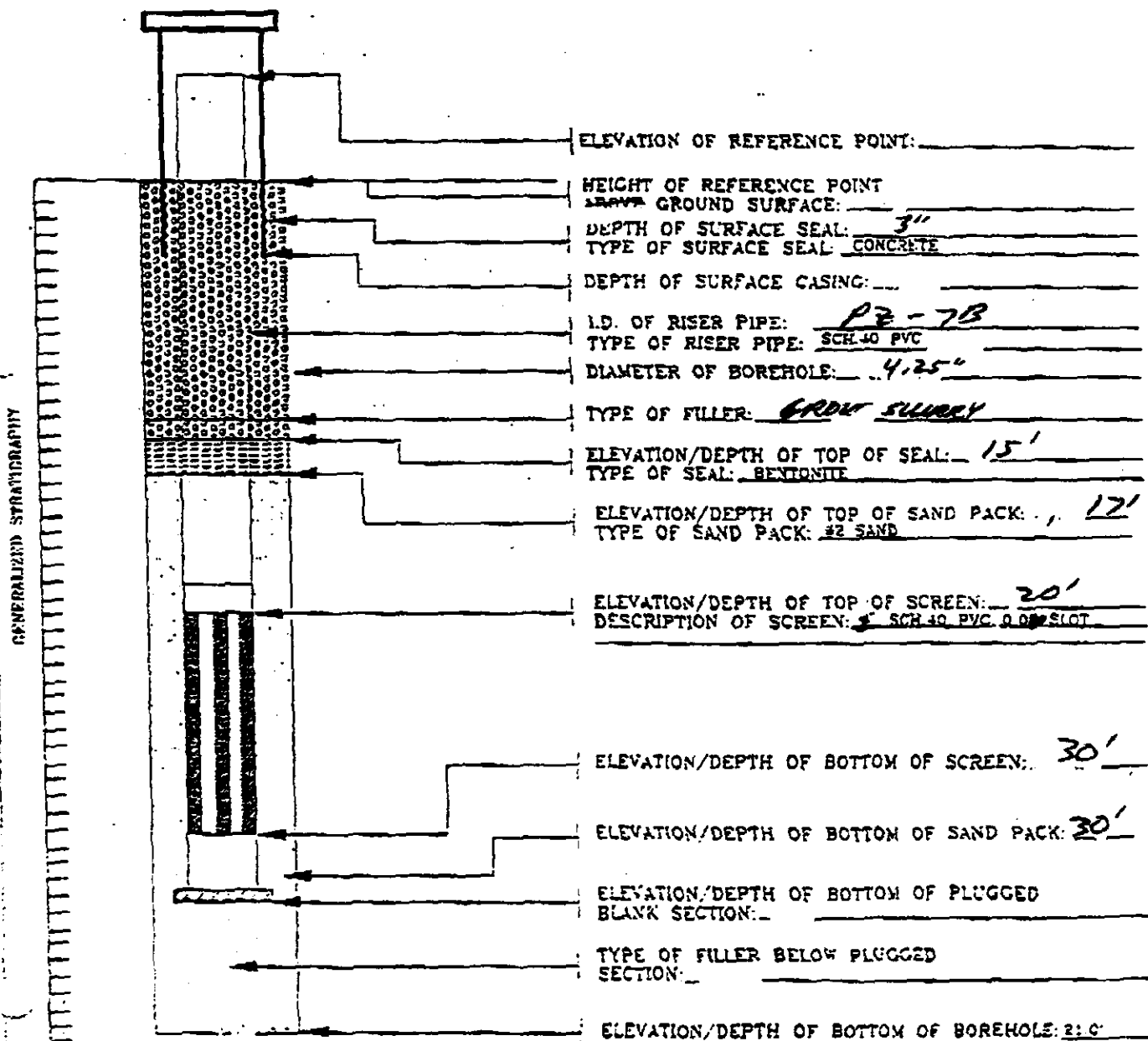
WELL CONSTRUCTION DETAIL

PROJECT NAME MR. C's CLEANERS PROJECT # 017301

SITE 586 MADEN ST, EAST AURORA, NY 14052 WELL # P2-7B

ADDRESS _____
(IF NOT SAME AS ABOVE)

DATE COMPLETED 10/30/01 SUPERVISED BY D. PORRULLO





Tyres
Organization,
Limited
Latham, NY

BOREHOLE LOG

BOREHOLE NAME

P2-7A

CLIENT: **NYS DEC**
PROJECT: **MR. C'S CLEANERS**
LOCATION: **586 NORTH ST, EAST AURORA, NY 14052**

DATE STARTED/COMPLETED: **11/6/01-11/14/01**
LOGGED BY: **P. PERUCCIO**
DRILLER: **NOTHING**
RIC: **PIETS-E-PIETS (MOBILE)**

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: HSA
2						Hole Dia: 4.25"
4						Depth: 30'
6						WELL DATA
8						Riser Type: PVC
10						Riser Dia: 2"
12						Riser Length: 20'
14						Interval: 20'-0'
16						Screen Type: PVC
18						Screen Dia: 2"
20						Screen Length: 10'
22						Slot: 0.010
24						Interval:
26						FILTER PACK
28						Source: SAND
30						Composition:
						Volume Used: 4.0005
						Interval: 30'-17'
						CROUT / SEAL
						Type: BENTONITE/GROUT
						Volume Used: 1.0005/4.0005
						Interval: 17'-15'/15'-0'
						WELL HEAD COMPLETION
						Manhole ☐ YES ☐ NO
						Size:
						Concrete Pad ☐ YES ☐ NO
						Size:

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=0.075-0.15mm
fine sand=0.15-0.25mm
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 DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
AML Purged:
Date:



Tyres
Organization,
Limited
Latham, NY

BOREHOLE LOG

BORING NAME

PW-7

CLIENT: **NYS DEC**

PROJECT: **MR. C'S CLEANERS**

LOCATION: **586 MAHON ST, EAST AUBURN, NY 14052**

DATE STARTED/COMPLETED: **11/5/01 - 11/5/01**

LOGGED BY: **P. P. P. P. P.**

DRILLER: **NOTHING IS DRILLING**

RIC: **GEOTECHNICAL (DRILLING)**

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Recovery (feet)	Borehole Completion	Field Description of Soil	BORE HOLE DATA
0						Drilling Method: HSA
2						Hole Dia.: 6.25"
4						Depth: 30'
6						WELL DATA
8						Riser Type: STAINLESS STEEL
10						Riser Dia.: 4"
12						Riser Length: 18'
14						Interval: 18'-0'
16						Screen Type: STAINLESS STEEL
18						Screen Dia.: 4"
20						Screen Length: 10'
22						Slot: 0.010
24						Interval: 28'-18'
26						FILTER PACK
28						Source: SAND
30						Composition: SiO₂
						Volume Used: 2 BAGS
						Interval: 30'-15'
						GROUT / SEAL
						Type: CEMENT / GROUT / SAND
						Volume Used: 1.5 BAGS / 2 BAGS / 2 BAGS
						Interval: 15'-12' / 12'-15' / 15'-12'
						WELL HEAD COMPLETION
						Manhole: ☐ YES ☐ NO
						Size: _____
						Concrete Pad: ☐ YES ☐ NO
						Size: _____

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

Drawn by: A. Bigger

LEGEND

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

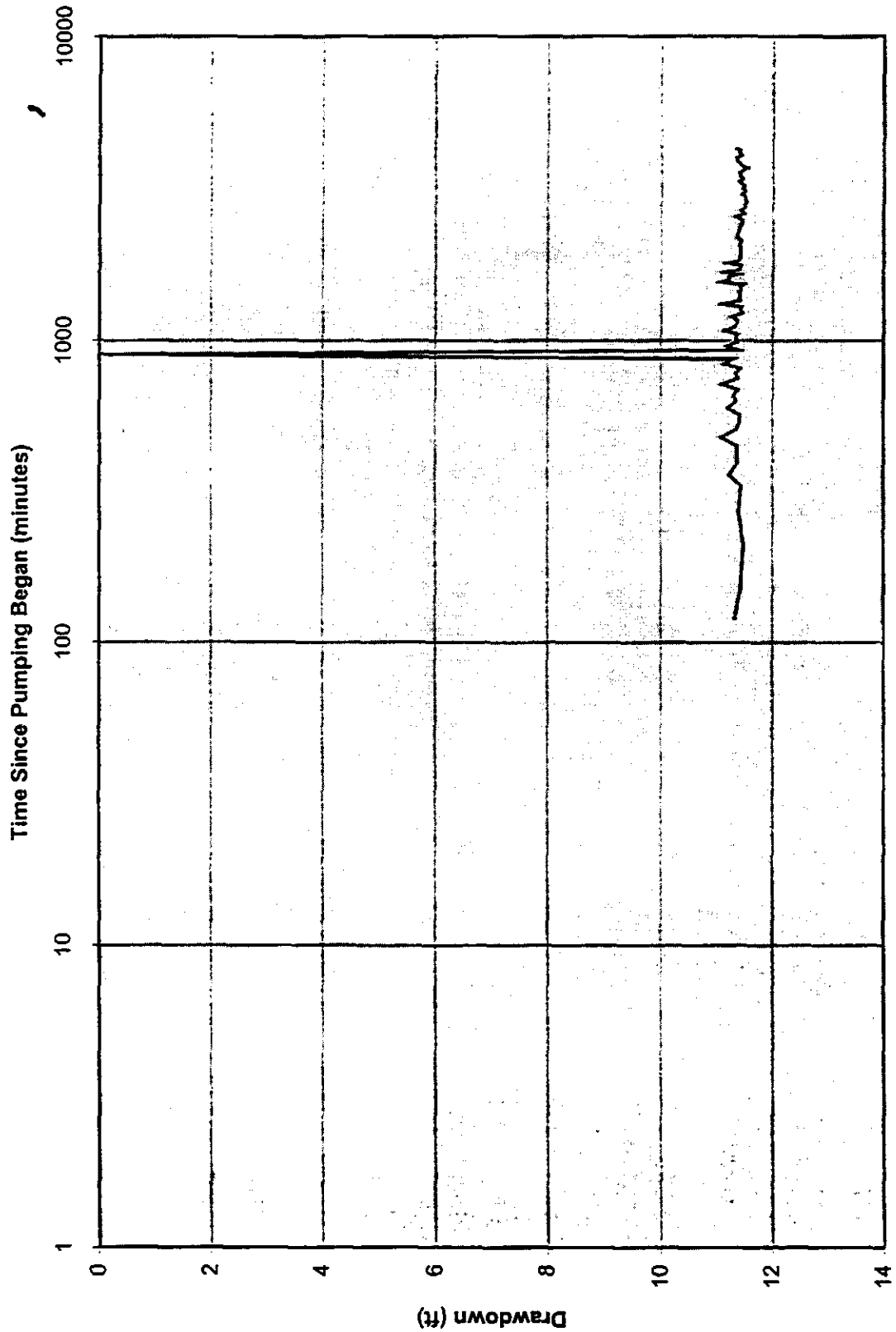
very fine sand=0.075-0.25mm
fine sand=0.25-0.5mm
medium sand=0.5-1mm
coarse sand=1-2mm

▽ = ground
water table
f-gravel=2-4mm
m-gravel=4-8mm
c-gravel=8-256mm

WELL DEVELOPMENT

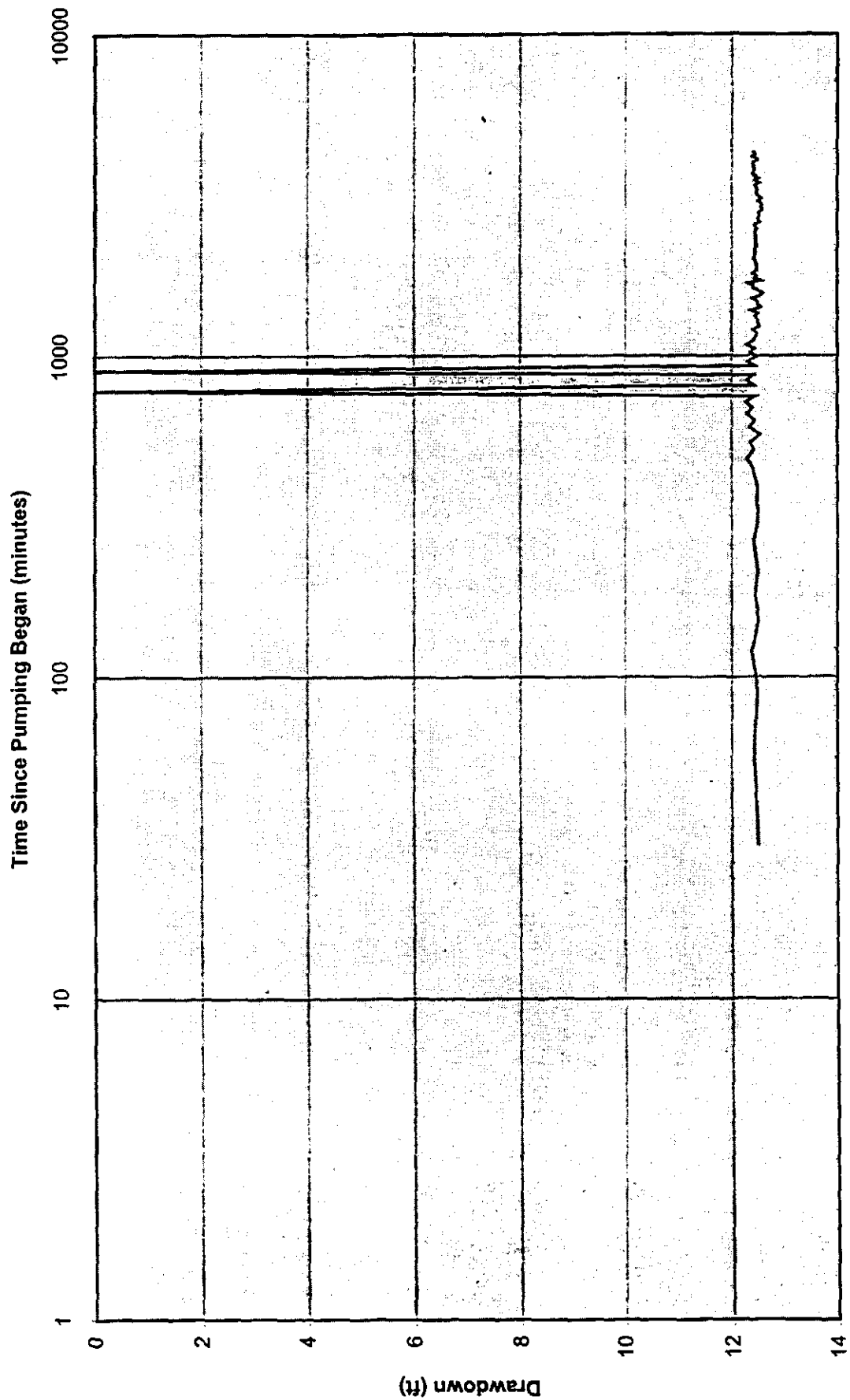
Performed: ☐ YES ☐ NO
Method: _____
Amt. Purged: _____
Date: _____

PW-2 Pump Test



66

PW-2 Pump Test





ecology and environment engineering, p.c.

International Specialists in the Environment

ecology and environment, inc.

Specialists in the Environment

368 Pleasant View Dr.

LABORATORY CENTER
Lancaster, New York 14086

368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844 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	☒ 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
☒ 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 H. Steffan Dated: 12/12/01
ecology and environment engineering, p.c..

COPY TO: G. Jones, E&E Field office
CTF 000699.NY.06.02

RECEIVED

1A

BY MCS DATE 12/12/01

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET



ecology and environment, inc.

Lab Name: WILKIN CORPORATION
International Specialists in the Environment

Contract:

TEST BLANK

BUREAU OF CHEMISTRY CENTER No.:

SAS No.:

SDG No.: 82443

368 Pleasant View Drive, Lancaster, New York 14086

Tel: 716/684-8000 Fax: 716/684-0847

Lab Sample ID: 82443C03

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5TM699

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
156-50-5	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	1-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	G
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 1 VOA

RECEIVED1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

BY M65 DATE 12/12/01

EPA SAMPLE NO.

ecology and environment, inc.

International Specialists in the Environment

Contract:

OW-PW2

BUEFA CORPORA CENTER Case No.:

SAS No.:

SDS No.: 82443

368 Pleasant View Drive, Lancaster, New York 14086

Tel: 1-800-820-1111 Fax: 1-800-820-1111

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
1534-04-4	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
78-87-3	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

RECEIVED1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

BY MGS DATE 12/12/01

EPA SAMPLE NO.

ecology and environment, inc.Lab Name: MITKEY CORPORATION
International Specialists in the Environment

Contract:

JW-PW3

Lab Code: MITKEY Phase No.:

SAS No.:

SDC No.: 82443

BUFFALO CORPORATE CENTER
368 Pleasant View Drive, Lancaster, New York 14086

Tel: 716/684-8060, Fax: 716/684-0844

Lab Sample ID: 82443002

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5D4727

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
74-63-9	-----Bromomethane	100	U
75-00-3	-----Chloroethane	100	U
75-35-4	-----1,1-Dichloroethane	100	U
67-64-1	-----Acetone	100	U
75-15-0	-----Carbon Disulfide	100	U
75-09-2	-----Methylene Chloride	11	U
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
78-97-5	-----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	U
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

RECEIVED

BY 465 DATE 12/12/01

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ecology and environment, inc.

TEST BLANK

Lab Name: MITCHELL CORPORATION

Contract:

Buffalo Corporate Center
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 516-684-8000, Fax: 516-684-8022

SAS No.:

SDG No.: 82443

Lab Sample ID: 82443003

Lab File ID: V5D4699

Date Received: 12/05/01

Date Analyzed: 12/07/01

Dilution Factor: 1.0

Sample wt/vol: 5.000 (g/mL) ML

Level: (low/med) LOW

% Moisture: not dec.

GC Column: DB-624 ID: 0.25 (mm)

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.				
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28.				
29.				
30.				

FORM I VOA-TIC

RECEIVED

BY mes DATE 12/12/01

EPA SAMPLE NO.

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**ecology and environment, inc.**Lab Name: MITCHELL CORPORATION

Contract:

LW-PW2

Buffalo Corporate Center
368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716-684-8080 Fax: 716-684-4848

SAS No.:

SDG No.: 82443

Lab Sample ID: 82443001

Lab File ID: V5D4726

Sample wt./vol: 5.000 (g/mL) ML

Date Received: 12/05/01

Level: (low/med) LOW

Date Analyzed: 12/06/01

% Moisture: not dec.

Dilution Factor: 20.0

GC Column: DB-624 ID: 0.25 (mm)

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.				
7.				
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30.				

FORM I VOA-TIC

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.:

SUG 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.				
6.				
7.				
8.				
9.				
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29.				
30.				

FORM I VOA-TIC

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

RECEIVED

BY M65 | DATE 12/12/01

Analytical Data Report

Report Date : 11/16/01
Group Number : 2011-2743

Prepared For :
Mr. Phil Holloway
Tyree Organization
4 Northway Lane
Latham, NY 12110
Fax: (518) 786-7351

REC'D NOV 21 2001

Site: Tyree

Analytical Parameters
8260

Analytical Services
Number of Samples
1

Turnaround Time
1 Business Day

*Copy for
Greg Jones*

*submitted
transmitted 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, 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

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

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BY *mc S* | 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
8260 TCL

Analytical Services
Number of Samples
4

Turnaround Time
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

Site: Tyree

Field and Laboratory Information

WST ID	Client ID	Group Number	Matrix	Date		Time
				(Sampled / Received)		
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: Aqueous

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			

Wat 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: Aqueous

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

OFFICE USE ONLY

ROUP # 2011-2762
DUE DATE

ARE SPECIAL DETECTION LIMITS REQUIRED:
YES
If yes please attach requirements.

Is a QC Package required:
YES
If yes please attach requirements

TURN AROUND TIME: 24 hr.
QUOTATION NUMBER:

TECHNOLOGY

Waste Stream Technology Inc.
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

ANALYSES TO BE PERFORMED

DATE SAMPLED
TIME OF SAMPLING
SAMPLE TYPE
TOTAL NO. OF CONTAINERS

TYPE OF CONTAINER/
COMMENTS:
OFFICE USE ONLY
WST. I.D.

REPORT TO: Phil Holloway
4 Northway Lane
Latham, NY 12110
CONTACT
PH: ()
FAX: ()
BILL TO:
POB
PROJECT DESCRIPTION
Mr. C's
SAMPLER SIGNATURE
SAMPLE I.D.

1	RW-1A	11-16	1800 GW	1	✓	VGA	WST. I.D.
2	RW-1B	11-17	1000 GW	1	✓	VGA	WST. I.D.
3							
4							
5							
6							
7							
8							
9							
10							

REMARKS: Fax results to Phil Holloway 518 786 7351
David Pacheco 716 652 9854

REQUISITIONED BY: [Signature]
REQUISITIONED BY: [Signature]
DATE: 11/17/01
DATE: 11/17/01
TIME: 17:00
TIME: 11:11

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
<i>[Signature]</i>	11. 1. 11		<i>[Signature]</i>	11. 1. 11	
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
<i>[Signature]</i>	11. 1. 11	1400	<i>[Signature]</i>	11. 1. 11	

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

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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

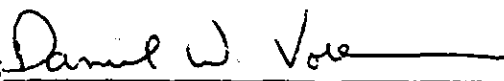
Site: Mr. C's

Analytical Parameters
8260 TCL

Analytical Services
Number of Samples
2

Turnaround Time
1 Business Day

Report Released By :



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.

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: 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
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chloroform	1	Not detected		U
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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



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.

Mr. Phillip Holloway
Mr C's Site - Pump Test Data Review
January 30, 2002

- 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.

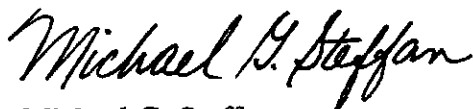
Mr. Phillip Holloway
Mr C's Site - Pump Test Data Review
January 30, 2002

- 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
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 H. 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.

Mr. C's Dry Cleaning Review
Tyree # 037 and 039
Well and Boreholes and Pump Test Data.
6/12/02 Response

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

Mr. Michael G. Steffan
Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, New York 14086

RECEIVED

BY MGS

DATE 4/10/02

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



The Tyree Organization, Ltd.

Albany

4 Northway Lane, Latham, NY 12110 · Fax: 518-786-7351 · Phone: 518-786-3200

June 19, 2002

RECEIVED
BY M65 DATE 6/28/02

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.

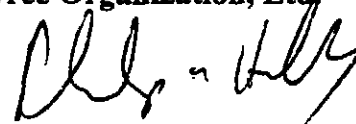
The piezometers were each installed to the depths required by the specifications.

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 H. 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**
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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.

Mr. C's Dry Cleaning Review
Tyree # 037 and 039
Well and Boreholes and Pump Test Data.
6/12/02 Response

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

P

Project Piping Pressure Test Results

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 LaPlaca Kande Co Inc.

OWNER WITNESS: Rabat Blaw / 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

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 - Laboratory Analytical Reports
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Daily Log

Day 1 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 troubleshoot 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.
- Troubleshoot with Bob Davis by phone.

Wednesday 7/24/02

- Troubleshoot 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: Wednesday, 31 July 2002

- Stewart and John worked on soundproofing the system.
- Jen performed 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 performed 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.
- Performed 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

- Performed 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

- Performed 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

- Performed 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 performed 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 performed 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 in place.

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 on 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 3/4", 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 too low for the pump to be on, the display says off.

Day 6 of Week 4, Sept 4, 2002

- Performed 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 performed.
- Gauged piezometers, recorded well depth while gauging took place, and timed each well to get an idea of how long each well stayed on.
- Performed system checks.
- E-Z Does it picked up last unit.

Weekly O&M Report

Contract Number: D004180
Site Number: 9-15-157

Site Name: Mr. C's Dry Cleaners
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 continuously 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
Post Carbon 1	9:00 PM
Post Carbon 2	9:40 PM
Post Carbon 3	10:00PM
Post Carbon 4	10:15 PM
Post Carbon 5	10:30 PM
Post Carbon 6	10:45 PM

Results
Non Detect
Non Detect
Non Detect
Non Detect
Non Detect
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 performed 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 performed 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

Post Carbon 22	7:50	Results
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

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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.

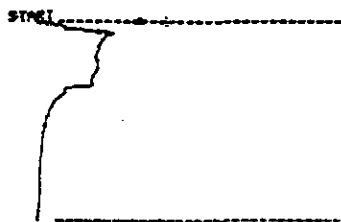
RAW DATA SHEET

Date 7/9/02

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Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC



STOP # 211.2
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 11.8 118.0 µS

PHOTOVAC

CALIBRATED PEAK TCE

SAMPLE LIBRARY 2 JUL 9 2002 9:29
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 25 TCE-STANDARD
GAIN 20 250 MICROLITERS

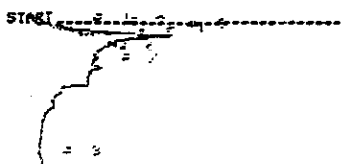
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 11.8 371.3 µS
UNKNOWN 2 17.3 647.5 µS
UNKNOWN 3 28.8 2.7 µS
UNKNOWN 4 28.2 1.7 µS
TCE 7 70.7 2.8 µS

PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

PERC 1 188.8 8.000 PPS
TOLUENE 2 128.7 8.000 PPS
TCE 3 74.5 8.000 PPS
CIS-DCI 4 55.1 8.000 PPS
VINYL CHLORIDE 5 18.6 8.000 PPS
BENZENE 6 58.5 8.000 PPS
ETHYLBENZENE 7 257.3 8.000 PPS
N-P XYLENE 8 323.4 8.000 PPS
MTBE 9 37.8 8.000 PPS
O-XYLENE 10 383.2 8.000 PPS

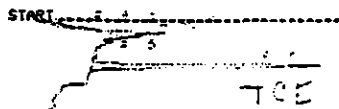
PHOTOVAC



STOP # 241.8
SAMPLE LIBRARY 2 JUL 9 2002 9:19
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 25 STD-BLANK
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 11.7 168.8 µS
UNKNOWN 2 12.5 387.2 µS
UNKNOWN 3 21.8 794.4 µS
UNKNOWN 7 24.5 121.2 µS

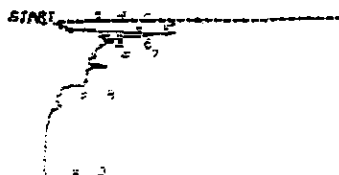
PHOTOVAC



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 µS
UNKNOWN 3 21.8 422.1 µS
TCE 8 24.5 100.0 µS

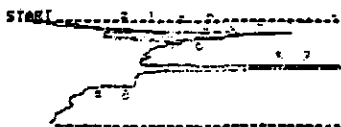
PHOTOVAC



STOP # 328.8
SAMPLE LIBRARY 2 JUL 9 2002 9:41
ANALYSIS # 8 MR.C-DRY CLEAN.
INTERNAL TEMP 25 SAMPLE BLANK
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 11.9 176.2 µS
UNKNOWN 2 12.5 943.8 µS
UNKNOWN 4 25.1 590.8 µS
TCE 7 24.3 100.0 µS
UNKNOWN 8 106.8 158.1 µS
UNKNOWN 9 232.2 118.5 µS

PHOTOVAC



STOP # 103.0
SAMPLE LIBRARY 2 JUL 9 2002 9:28
ANALYSIS # 8 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 µS
UNKNOWN 2 17.3 647.5 µS
UNKNOWN 3 28.8 2.7 µS
UNKNOWN 4 28.2 1.7 µS
UNKNOWN 7 70.7 2.8 µS

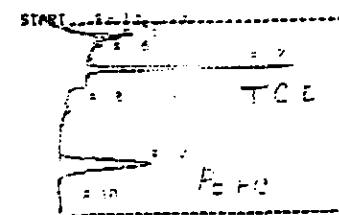
PHOTOVAC

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 µS
UNKNOWN 3 21.8 422.1 µS
TCE 8 24.5 100.0 µS

PHOTOVAC



STOP # 328.8
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 µS
UNKNOWN 2 28.9 944.1 µS
TCE 7 25.1 100.0 µS
UNKNOWN 8 226.8 1.8 µS

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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 8 9 MR. C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

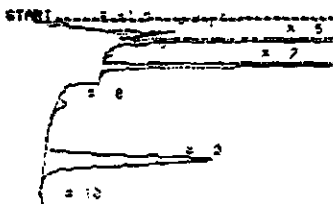
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.9	113.5 μ S
UNKNOWN	3	28.8	344.1 μ S
TCE	7	75.1	1.233 PPM
UNKNOWN	9	226.8	1.8 μ S

PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

PERC	1	138.3	8.000 PPM
TOLUENE	2	123.7	8.000 PPM
TCE	3	75.1	8.000 PPM
CIS-OCE	4	55.5	8.000 PPM
VINYL CHLORIDE	5	18.7	8.000 PPM
BENZENE	6	53.8	8.000 PPM
ETHYLBENZENE	7	233.7	8.000 PPM
m-P XYLENE	8	326.8	8.000 PPM
RTBE	9	38.1	8.000 PPM
O-XYLENE	10	392.3	8.000 PPM

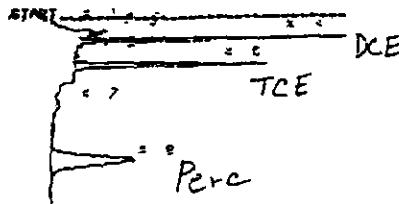
PHOTOVAC



STOP 8 388.8
SAMPLE LIBRARY 2 JUL 9 2002 10:38
ANALYSIS 8 10 MR. C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.9	258.3 μ S
UNKNOWN	3	28.8	873.1 μ S
UNKNOWN	4	25.4	133.0 μ S
UNKNOWN	5	34.1	6.8 μ S
TCE	7	74.3	1.127 PPM
UNKNOWN	8	138.4	288.8 μ S
PERC	9	226.8	742.5 PPM

PHOTOVAC



STOP 8 388.8
SAMPLE LIBRARY 2 JUL 9 2002 10:48
ANALYSIS 8 11 MR. C-DRY CLEAN.
INTERNAL TEMP 28 STANDARD
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	28.8	265.3 μ S
UNKNOWN	4	33.7	4.7 μ S
TCE	6	74.3	147.1 PPM
UNKNOWN	7	138.8	117.6 μ S
PERC	8	226.2	556.8 PPM

PHOTOVAC

CALIBRATED PEAK 7, TCE

SAMPLE LIBRARY 2 JUL 9 2002 10:44
ANALYSIS 8 11 MR. C-DRY CLEAN.
INTERNAL TEMP 20 STANDARD
GAIN 10 250 MICROLITERS

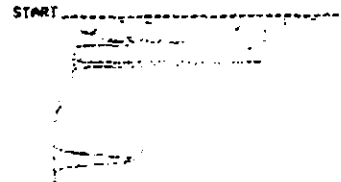
COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	28.8	265.3 μ S
UNKNOWN	4	33.7	4.7 μ S
TCE	6	74.3	133.0 PPM
UNKNOWN	7	138.8	117.6 μ S
PERC	8	226.2	556.8 PPM

PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

PERC	1	226.2	8.000 PPM
TOLUENE	2	123.7	8.000 PPM
TCE	3	74.3	8.000 PPM
CIS-OCE	4	55.3	8.000 PPM
VINYL CHLORIDE	5	18.7	8.000 PPM
BENZENE	6	53.8	8.000 PPM
ETHYLBENZENE	7	233.7	8.000 PPM
m-P XYLENE	8	325.1	8.000 PPM
RTBE	9	38.8	8.000 PPM
O-XYLENE	10	391.3	8.000 PPM
TRANS-1,2-DCE	11	33.7	8.000 PPM

PHOTOVAC



STOP 8 388.8
SAMPLE LIBRARY 2 JUL 9 2002 11:38
ANALYSIS 8 12 MR. C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.8	223.3 μ S
TRANS-1,2-DCE	3	33.7	1.1 μ S
UNKNOWN	4	41.8	3.8 μ S
TCE	6	75.1	1.1 μ S
UNKNOWN	7	138.8	134.8 μ S
PERC	8	226.8	1.1 μ S

PHOTOVAC

SAMPLE LIBRARY 2 JUL 9 2002 11:38
ANALYSIS 8 12 MR. C-DRY CLEAN.
INTERNAL TEMP 25 STANDARD
GAIN 10 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	28.8	223.3 μ S
TRANS-1,2-DCE	3	33.7	1.1 μ S
UNKNOWN	4	41.8	3.8 μ S
TCE	6	75.1	1.1 μ S
UNKNOWN	7	138.8	134.8 μ S
PERC	8	226.8	1.1 μ S

PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

PERC	1	226.8	8.000 PPM
TOLUENE	2	123.6	8.000 PPM
TCE	3	75.1	8.000 PPM
CIS-1,2-DCE	4	41.8	8.000 PPM
VINYL CHLORIDE	5	18.7	8.000 PPM
BENZENE	6	53.8	8.000 PPM
ETHYLBENZENE	7	233.8	8.000 PPM
m-P XYLENE	8	326.0	8.000 PPM
RTBE	9	38.1	8.000 PPM
O-XYLENE	10	392.3	8.000 PPM
TRANS-1,2-DCE	11	33.8	8.000 PPM

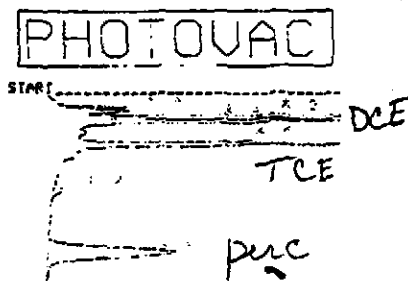
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Project: Mr. C's Dry Cleaners
East Aurora, NY



STOP # 000.0
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	21.3	445.0 PPM
UNKNOWN	2	22.8	282.5 PPM
PERC	3	38.3	102.6 PPM
UNKNOWN	4	43.9	5.4 US
UNKNOWN	6	78.6	5.8 US
UNKNOWN	7	151.4	270.5 PPM
UNKNOWN	8	232.1	7.3 US



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	21.3	445.0 PPM
UNKNOWN	2	22.8	282.5 PPM
TRANS-1,2-DCE	3	38.3	102.6 PPM
CIS-1,2-DCE	4	43.9	5.4 US
TCE	6	78.6	5.8 US
UNKNOWN	7	151.4	270.5 PPM
PERC	8	232.1	7.3 US



2 COMPOUND ID # R.T. LIMIT

PERC	1	240.4	0.000 PPM
TOLUENE	2	137.4	0.000 PPM
TCE	3	78.6	0.000 PPM
CIS-1,2-DCE	4	43.9	0.000 PPM
VINYL CHLORIDE	5	19.5	0.000 PPM
BENZENE	6	61.5	0.000 PPM
ETHYLBENZENE	7	312.6	0.000 PPM
P-P XYLENE	8	339.9	0.000 PPM
MTBE	9	35.7	0.000 PPM
O-XYLENE	10	429.9	0.000 PPM
TRANS-1,2-DCE	11	35.5	0.000 PPM



STOP # 000.0
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	21.3	430.7 PPM
UNKNOWN	2	26.5	282.2 PPM
TRANS-1,2-DCE	3	35.4	102.6 PPM
CIS-1,2-DCE	4	47.9	102.6 PPM
TCE	6	78.6	102.6 PPM
UNKNOWN	7	151.6	233.3 PPM
PERC	8	240.6	102.6 PPM



STOP # 000.0
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	21.3	123.6 PPM
TRANS-1,2-DCE	3	31.3	102.6 PPM
CIS-1,2-DCE	4	42.5	102.6 PPM
TCE	6	78.2	102.6 PPM
PERC	8	243.6	102.6 PPM



SAMPLE LIBRARY 2 JUL 9 2002 21:15
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	123.6 PPM
TRANS-1,2-DCE	3	31.3	102.6 PPM
CIS-1,2-DCE	4	42.5	102.6 PPM
TCE	6	78.2	102.6 PPM
PERC	8	243.6	102.6 PPM



2 COMPOUND ID # R.T. LIMIT

PERC	1	236.5	0.000 PPM
TOLUENE	2	135.2	0.000 PPM
TCE	3	78.3	0.000 PPM
CIS-1,2-DCE	4	42.6	0.000 PPM
VINYL CHLORIDE	5	19.5	0.000 PPM
BENZENE	6	61.5	0.000 PPM
ETHYLBENZENE	7	312.6	0.000 PPM
P-P XYLENE	8	339.9	0.000 PPM
MTBE	9	35.7	0.000 PPM
O-XYLENE	10	429.9	0.000 PPM
TRANS-1,2-DCE	11	35.2	0.000 PPM



STOP # 000.0

SAMPLE LIBRARY 2 JUL 9 2002 21:13
ANALYSIS # 4 MR.C-DRY CLEAN.
INTERNAL TEMP 25 SYRINGE-AIR-BLK
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN	1	22.1	222.5 PPM
TCE	4	28.7	102.6 PPM
UNKNOWN	5	158.4	222.6 PPM

Syringe
Air
Blank

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PHOTOVAC

START

post
carbon-1

STOP # 000.0
SAMPLE LIBRARY 2 JUL 9 2002 21:19
ANALYSIS # 5 MR.C-DRY CLEAN.
INTERNAL TEMP 26 57.0°C/130.6°F
GAIN 10 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 21.7 173.8 AUS

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/PPM

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/PPM

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/PPM

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/PPM

PHOTOVAC

START

6

STOP # 450.0
SAMPLE LIBRARY 2 JUL 9 2002 22:50
ANALYSIS # 10 MR.C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-6
GAIN 10 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM

START

R TCE

perc

Effluent

STOP # 450.0
SAMPLE LIBRARY 2 JUL 9 2002 23:20
ANALYSIS # 11 MR.C-DRY CLEAN.
INTERNAL TEMP 20 EFFLUENT
GAIN 10 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 21.5 142.6 AUS
UNKNOWN 2 30.4 108.3 AUS
TCE 4 28.1
PERC 5 24.3

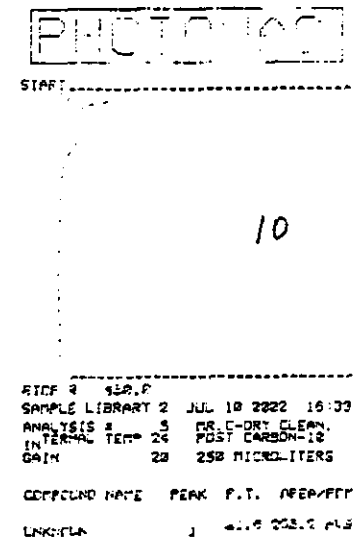
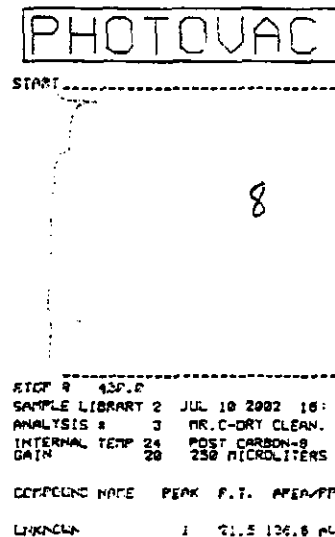
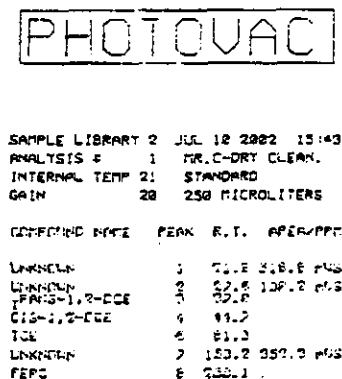
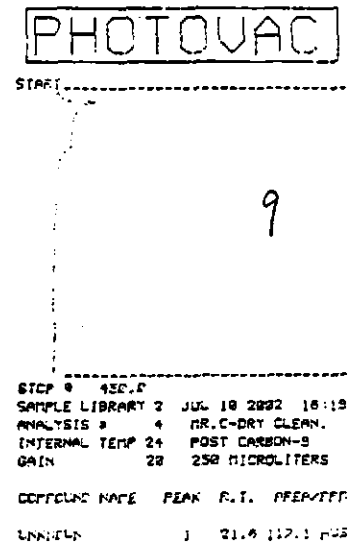
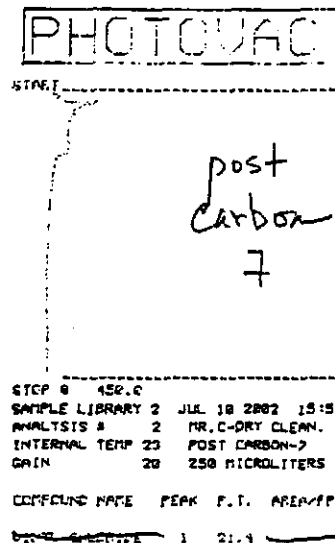
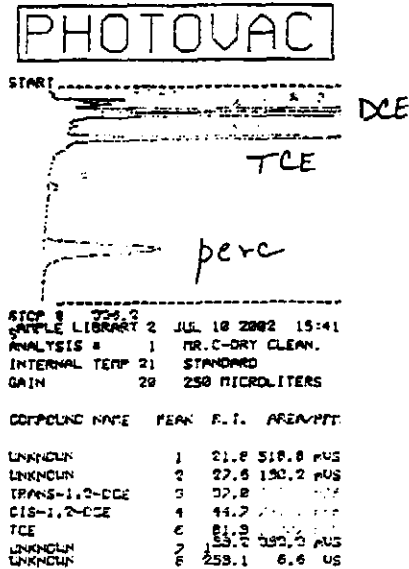
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Project: Mr. C's Dry Cleaners
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PHOTOVAC

2	COMPOUND	10	#	R.T.	LIMIT
PERC	1	21.8	518.8 PPM		
TOLUENE	2	22.6	130.2 PPM		
TCE	3	22.8	10.0 PPM		
CIS-1,2-DCE	4	44.2	10.0 PPM		
UNSAT. CHLORIDE	5	61.3	10.0 PPM		
BENZENE	6	153.2	352.3 PPM		
ETHYLBENZENE	7	253.1	6.6 PPM		
M-P XYLENE	8	253.1	6.6 PPM		
PIBBE	9	253.1	6.6 PPM		
O-XYLENE	10	253.1	6.6 PPM		
TRANS-1,2-DCE	11	253.1	6.6 PPM		

Specialized Environmental Monitoring

PHOTOVAC

START _____ Date _____

11

STOP # 430.0
SAMPLE LIBRARY 2 JUL 10 2002 10:40
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 21.2 221.3 AUS

PHOTOVAC

START _____

12

STOP # 430.0
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 21.2 247.2 AUS

PHOTOVAC

START _____

13

STOP # 430.0
SAMPLE LIBRARY 2 JUL 10 2002 17:15
ANALYSIS # 25 POST CARBON-15
INTERNAL TEMP 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 21.0 330.7 AUS

RAW DATA SHEET

Page 6 of 11

PHOTOVAC

START _____

Effluent

↑ perc

STOP # 430.0
SAMPLE LIBRARY 2 JUL 10 2002 13:51
ANALYSIS # 12 MR.C-DRY CLEAN
INTERNAL TEMP 20 EFFLUENT-CATER
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 21.2 249.8 AUS
TRANS-1,2-DCE 2 37.3 12.04 PPM
TCE 3 23.6 27.93 PPM
PERC 4 243.4 5.112 PPM

PHOTOVAC

START _____

TCE
Influent

perc

1-5 dil ±

STOP # 430.0
SAMPLE LIBRARY 2 JUL 10 2002 18:11
ANALYSIS # 19 MR.C-DRY CLEAN.
INTERNAL TEMP 25 INFLUENT
GAIN 20 40 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
TRANS-1,2-DCE 2 38.8 11.12 PPM
TCE 4 23.6 27.93 PPM
PERC 5 243.1 5.112 PPM

Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC

START _____

Syringe
Air
Blank

STOP # 430.0
SAMPLE LIBRARY 2 JUL 10 2002 18:20
ANALYSIS # 11 MR.C-DRY CLEAN.
INTERNAL TEMP 25 250 MICROLITERS
GAIN 20
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 27.2 339.5 AUS
UNKNOWN 2 28.2 115.3 AUS
UNKNOWN 4 61.1 105.1 AUS
UNKNOWN 5 152.4 438.9 AUS

PHOTOVAC

□ □ □ □

PHOTOVAC

START _____

(Standard)

Cist
Trans
DCE

TCE
perc

STOP # 430.0
SAMPLE LIBRARY 2 JUL 11 2002 18:10
ANALYSIS # 1 MR.C-DRY CLEAN.
INTERNAL TEMP 21 STANDARD
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 23.6 197.3 AUS
UNKNOWN 2 28.2 269.3 AUS
UNKNOWN 3 35.3 5.8 US
CIS-1,2-DCE 4 46.7 112.4 PPM
TCE 6 23.6 27.93 PPM
UNKNOWN 7 163.2 232.7 AUS
UNKNOWN 8 203.3 5.7 US
UNKNOWN 9 401.4 114.2 AUS

Specialized Environmental Monitoring

RAW DATA SHEET

Date 7/11/02

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Project: Mr. C's Dry Cleaners
East Aurora, NY

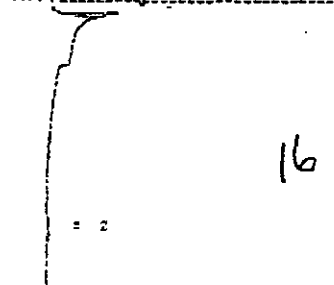
PHOTOVAC

2 COMPOUND ID # R.T. LIMIT

PERC	1	257.7	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	67.9	0.000	PPB
ETHYLBENZENE	7	348.8	0.000	PPB
M-P XYLENE	8	378.3	0.000	PPB
MTBE	9	43.2	0.000	PPB
O-XYLENE	10	145.6	0.000	PPB
TRANS-1,2-DCE	11	38.3	0.000	PPB

PHOTOVAC

START



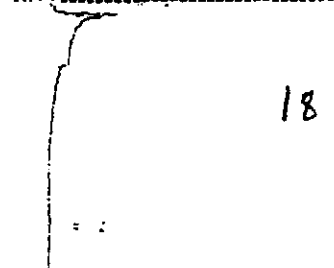
STOP # 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:19
ANALYSIS # 5 POST-CARBON-18
INTERNAL TEMP 24 250 MICROLITERS
GAIN 20

COMPOUND NAME PEAK R.T. AREA/PPB

VINYL CHLORIDE 1 21.3

PHOTOVAC

START



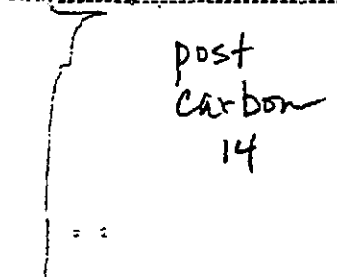
STOP # 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:49
ANALYSIS # 6 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST-CARBON-18
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

VINYL CHLORIDE 1 21.8

PHOTOVAC

START



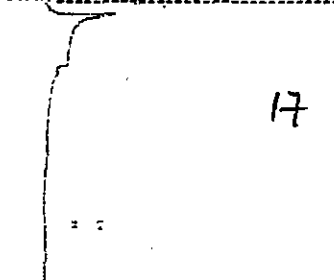
STOP # 450.0
SAMPLE LIBRARY 2 JUL 11 2002 16:42
ANALYSIS # 2 MR.C-DRY CLEAN.
INTERNAL TEMP 22 POST-CARBON-14
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

UNKNOWN 1 22.5 122.5 AUS

PHOTOVAC

START



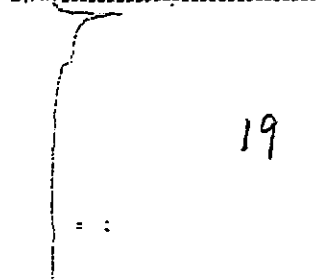
STOP # 450.0
SAMPLE LIBRARY 2 JUL 11 2002 16:36
ANALYSIS # 5 POST-CARBON-17
INTERNAL TEMP 24 250 MICROLITERS
GAIN 20

COMPOUND NAME PEAK R.T. AREA/PPB

VINYL CHLORIDE 1 21.8

PHOTOVAC

START



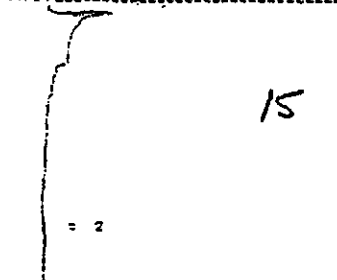
STOP # 450.0
SAMPLE LIBRARY 2 JUL 11 2002 17:59
ANALYSIS # 7 MR.C-DRY CLEAN.
INTERNAL TEMP 24 POST-CARBON-18
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

VINYL CHLORIDE 1 21.6

PHOTOVAC

START



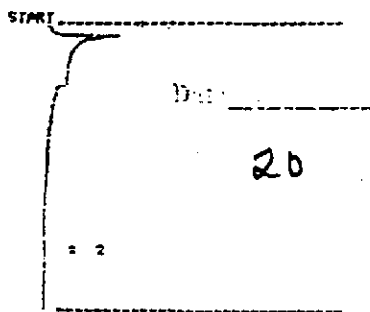
STOP # 450.0
SAMPLE LIBRARY 2 JUL 11 2002 16:59
ANALYSIS # 3 MR.C-DRY CLEAN.
INTERNAL TEMP 22 POST-CARBON-15
GAIN 20 250 MICROLITERS

COMPOUND NAME PEAK R.T. AREA/PPB

VINYL CHLORIDE 1 22.8 277.3 PPB

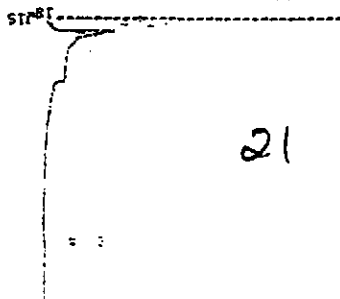
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PHOTOVAC



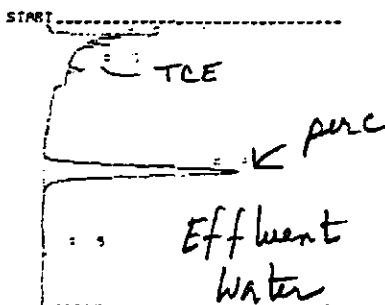
STOP # 450.0
 SAMPLE LIBRARY 2 JUL 11 2002 18:13
 ANALYSIS # 8 MR.C-DRY CLEAN.
 INTERNAL TEMP 24 POST CARBON-22
 GAIN 20 250 MICROLITERS
 COMPOUND NAME PEAK R.T. AREA/PPM
 VINYL CHLORIDE 1 21.7 253.8 PPM

PHOTOVAC



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/PPM
 VINYL CHLORIDE 1 22.2 100.7 PPM

PHOTOVAC



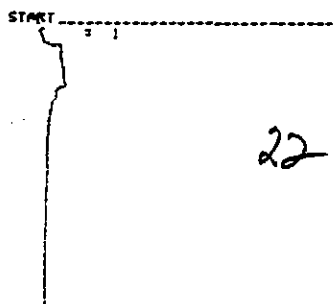
STOP # 450.0
 SAMPLE LIBRARY 2 JUL 11 2002 18:36
 ANALYSIS # 10 MR.C-DRY CLEAN.
 INTERNAL TEMP 25 EFFLUENT-WATER
 GAIN 20 250 MICROLITERS
 COMPOUND NAME PEAK R.T. AREA/PPM
 VINYL CHLORIDE 1 21.5 10.3 PPM
 TRANS-1,2-DCE 2 22.1 10.3 PPM
 UNKNOWN 3 22.5 135.2 PPM
 UNKNOWN 4 241.8 10.3 PPM

RAW DATA SHEET

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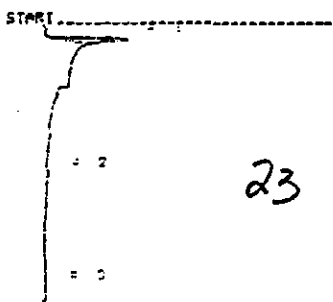
Project: Mr. C's Dry Cleaners
 East Aurora, NY

PHOTOVAC



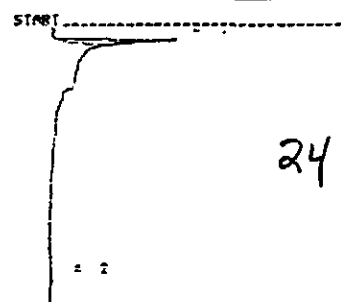
STOP # 450.0
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 ANALYSIS # 1 MR.C-DRY CLEAN.
 INTERNAL TEMP 15 POST CARBON-22
 GAIN 20 250 MICROLITERS
 COMPOUND NAME PEAK R.T. AREA/PPM

PHOTOVAC



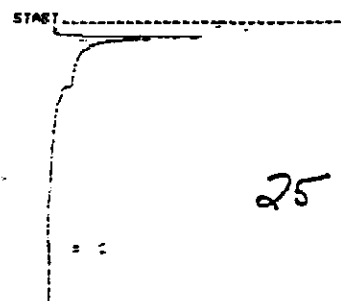
STOP # 450.0
 SAMPLE LIBRARY 2 JUL 12 2002 8:55
 ANALYSIS # 2 MR.C-DRY CLEAN.
 INTERNAL TEMP 16 POST CARBON-23
 GAIN 20 250 MICROLITERS
 COMPOUND NAME PEAK R.T. AREA/PPM
 UNKNOWN 1 27.5 639.3 PPM

PHOTOVAC



STOP # 450.0
 SAMPLE LIBRARY 2 JUL 12 2002 9:10
 ANALYSIS # 3 MR.C-DRY CLEAN.
 INTERNAL TEMP 15 POST CARBON-24
 GAIN 20 250 MICROLITERS
 COMPOUND NAME PEAK R.T. AREA/PPM
 UNKNOWN 1 23.5 1.2 US

PHOTOVAC



STOP # 450.0
 SAMPLE LIBRARY 2 JUL 12 2002 9:19
 ANALYSIS # 4 MR.C-DRY CLEAN.
 INTERNAL TEMP 15 POST CARBON-25
 GAIN 20 250 MICROLITERS
 COMPOUND NAME PEAK R.T. AREA/PPM
 UNKNOWN 1 23.5 1.3 US

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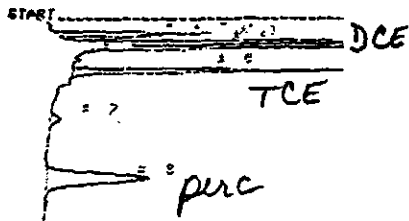
RAW DATA SHEET

Date 7/12/02

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Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC



STOP 8 327.3
SAMPLE LIBRARY 2 JUL 12 2002 9:27
ANALYSIS 8 5 MR. C-DRY CLEAN.
INTERNAL TEMP 20 STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	2.8 US
UNKNOWN	2	28.1	1.8 US
TRANS-1,2-DCE	3	28.2	2.8 US
CIS-1,2-DCE	4	28.3	2.8 US
TCE	5	28.4	2.8 US
UNKNOWN	6	28.5	2.8 US
PERC	7	28.6	2.8 US

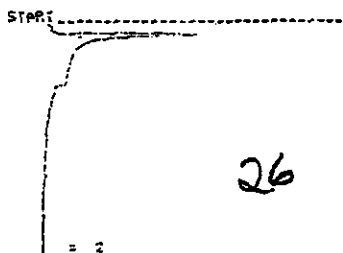
↑
Standard

PHOTOVAC

STOP 8 327.3
SAMPLE LIBRARY 2 JUL 12 2002 9:28
ANALYSIS 8 5 MR. C-DRY CLEAN.
INTERNAL TEMP 15 STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	2.8 US
UNKNOWN	2	28.1	1.8 US
TRANS-1,2-DCE	3	28.2	2.8 US
CIS-1,2-DCE	4	28.3	2.8 US
TCE	5	28.4	2.8 US
UNKNOWN	6	28.5	2.8 US
PERC	7	28.6	2.8 US

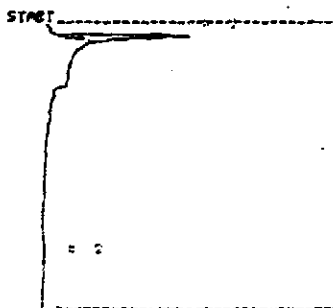
PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 12 2002 9:28
ANALYSIS 8 5 MR. C-DRY CLEAN.
INTERNAL TEMP 15 STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.5	1.8 US

PHOTOVAC



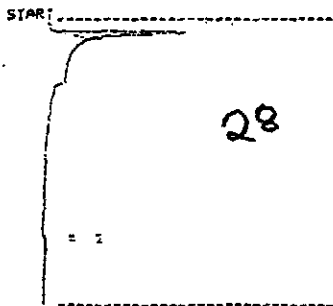
STOP 8 450.0
SAMPLE LIBRARY 2 JUL 12 2002 9:31
ANALYSIS 8 5 MR. C-DRY CLEAN.
INTERNAL TEMP 20 POST CARBON-27
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.6	1.6 US

PHOTOVAC

2	COMPOUND	ID #	R.T.	LIMIT
PERC	1	250.8	0.000 PPM	
TOLUENE	2	143.0	0.000 PPM	
TCE	3	83.0	0.000 PPM	
CIS-1,2-DCE	4	45.4	0.000 PPM	
VINYL CHLORIDE	5	28.6	0.000 PPM	
BENZENE	6	63.2	0.000 PPM	
ETHYLBENZENE	7	331.4	0.000 PPM	
M-P XYLENE	8	368.3	0.000 PPM	
MTBE	9	42.8	0.000 PPM	
O-XYLENE	10	123.8	0.000 PPM	
TRANS-1,2-DCE	11	37.7	0.000 PPM	

PHOTOVAC

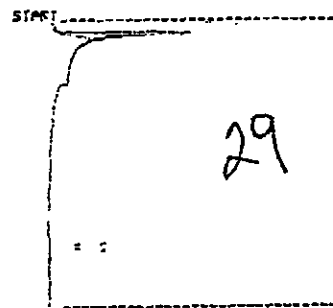


STOP 8 450.0
SAMPLE LIBRARY 2 JUL 12 2002 10:1
ANALYSIS 8 5 POST CARBON-27
INTERNAL TEMP 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.1	1.6 US

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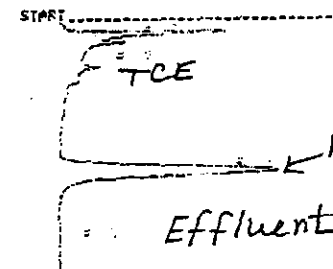
PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 12 2002 10:18
ANALYSIS 8 5 POST CARBON-27
INTERNAL TEMP 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	22.2	1.7 US

PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 12 2002 10:18
ANALYSIS 8 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	27.5	2.1 US
UNKNOWN	3	28.3	2.1 US
PERC	4	245.1	2.1 US

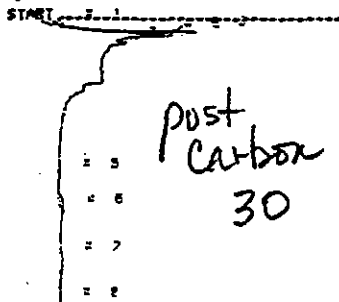
RAW DATA SHEET

Date 7/13/02

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Project: Mr. C's Dry Cleaners
East Aurora, NY

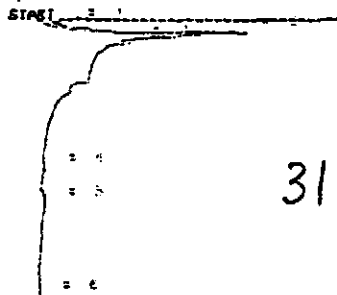
PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:13
ANALYSIS 8 1 PR.C-DRY CLEAN.
INTERNAL TEMP 21 POST CARBON-30
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.8	25.3 μS
UNKNOWN	2	20.0	180.8 μS
PER ATYLENE	3	271.0	16.23 PPM

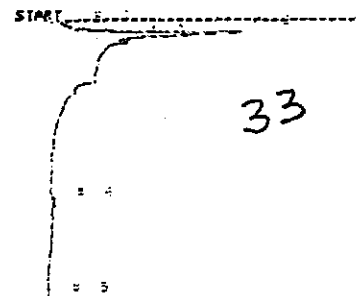
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STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:18
ANALYSIS 8 3 PR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-31
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.8	118.2 μS
UNKNOWN	5	220.2	176.8 μS

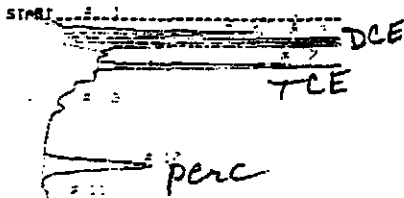
PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23: 6
ANALYSIS 8 25 POST CARBON-33
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.8	122.3 μS
UNKNOWN	2	21.8	251.3 μS

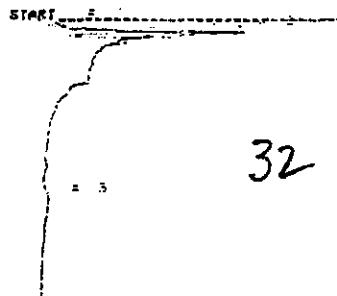
Standard
PHOTOVAC



STOP 8 225.6
SAMPLE LIBRARY 2 JUL 13 2002 22:37
ANALYSIS 8 2 PR.C-DRY CLEAN.
INTERNAL TEMP 23 250 MICROLITERS
GAIN

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.2	187.3 μS
VINYL CHLORIDE	2	21.6	9.5 μS
UNKNOWN	4	22.8	8.1 μS
PERC	5	32.3	3.6 μS
UNKNOWN	7	36.3	3.6 μS
TOLUENE	13	146.4	2.1 μS
PERC	18	239.3	2.2 μS

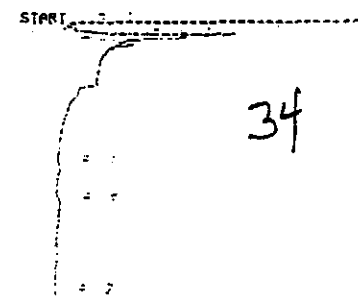
PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:57
ANALYSIS 8 4 PR.C-DRY CLEAN.
INTERNAL TEMP 24 POST CARBON-32
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.2	118.4 μS
UNKNOWN	2	21.4	2.7 μS
UNKNOWN	9	25.7	1.1 μS

PHOTOVAC



STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:14
ANALYSIS 8 25 POST CARBON-34
INTERNAL TEMP 25 250 MICROLITERS
GAIN

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	2	21.8	2.2 μS
UNKNOWN	3	25.3	275.4 μS
PER ATYLENE	9	271.0	16.23 PPM

PHOTOVAC

STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 22:18
ANALYSIS 8 2 PR.C-DRY CLEAN.
INTERNAL TEMP 23 STANDARD
GAIN 20 250 MICROLITERS

COMPOUND NAME	PEAK	R.T.	AREA/PPM
UNKNOWN	1	11.2	187.3 μS
UNKNOWN	2	21.6	9.5 μS
UNKNOWN	4	22.8	8.1 μS
PERC	5	32.3	3.6 μS
UNKNOWN	7	36.3	3.6 μS
TOLUENE	13	146.4	2.1 μS
PERC	18	239.3	2.2 μS

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RAW DATA SHEET

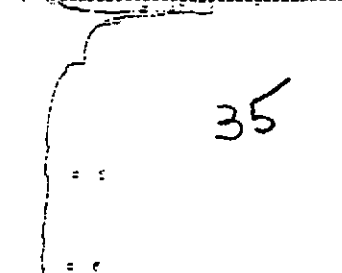
Date 7/13/02

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Project: Mr. C's Dry Cleaners
East Aurora, NY

PHOTOVAC

START

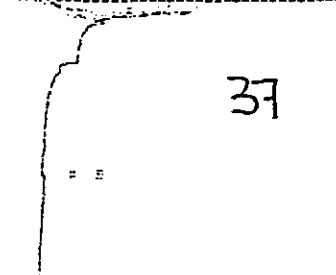


35

STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:23
ANALYSIS 8 8 MR. C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 11.6 102.5 MUS
UNKNOWN 2 21.6 538.1 MUS

PHOTOVAC

START

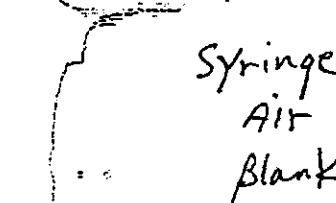


37

STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:48
ANALYSIS 8 8 MR. C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM
UNKNOWN 1 11.6 102.5 MUS
UNKNOWN 2 21.6 538.1 MUS

PHOTOVAC

START



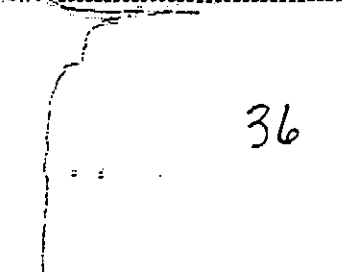
Syringe
Air
Blank

STOP 8 450.0
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ANALYSIS 8 8 MR. C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 2 21.4 1.3 US
UNKNOWN 3 25.8 103.1 MUS
UNKNOWN 4 31.8 1.3 US
UNKNOWN 5 41.3 102.2 MUS

PHOTOVAC

START



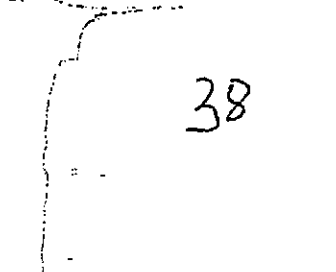
36

STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:31
ANALYSIS 8 8 MR. C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 1 11.7 101.2 MUS
UNKNOWN 2 21.4 1.3 US
UNKNOWN 3 25.7 100.1 MUS
UNKNOWN 4 31.2 1.3 US

PHOTOVAC

START



38

STOP 8 450.0
SAMPLE LIBRARY 2 JUL 13 2002 23:48
ANALYSIS 8 8 MR. C-DRY CLEAN.
INTERNAL TEMP 25 POST CARBON-36
GAIN 20 250 MICROLITERS
COMPOUND NAME PEAK R.T. AREA/PPM

UNKNOWN 2 21.5 565.5 MUS

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 = 7/12/02 (Day 9 for analytical)
Week 1, Day 5 = 7/13/02 (Day 10 for analytical)

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

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/mod) 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:

CAS NO.	COMPOUND	(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
76-15-0	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
156-60-2	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
78-37-5	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
75-34-5	1,1,2,2-Tetrachloroethane		500	U

FORM I VOA

3/90

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:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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)

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
156-50-5	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
78-57-5	1,2-Dichloropropane		10	U
75-27-4	Bromodichloromethane		10	U
103-10-1	4-Methyl-2-pentanone		10	U
10061-1-5	cis-1,3-Dichloropropene		10	U
	MYBE		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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

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 w/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:

CAS NO.	COMPOUND	(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
67-63-3	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
76-87-5	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
105-86-3	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
106-90-7	Chlorobenzene		500	U
100-41-4	Ethylbenzene		500	U
108-36-3	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

FORM I VOA

3/90

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/mod) 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
VOLATILE ORGANICS ANALYSIS DATA SHEET

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:

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
150-60-5	trans-1,2-Dichloroethene		10	U
75-34-33	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-50-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
71-55-6	1,1,1-Trichloroethane		10	U
50-23-5	Carbon Tetrachloride		10	U
71-43-2	Benzene		10	U
107-06-2	1,2-Dichloroethane		10	U
97-01-6	Trichloroethene		10	U
78-07-5	1,2-Dichloropropane		10	U
75-27-4	Bromodichloromethane		10	U
108-10-1	4-Methyl-2-pentanone		10	U
10051-1-5	cis-1,3-Dichloropropene		10	U
	MTBE		2	J
108-85-3	Toluene		10	U
10051-2-6	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

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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: CO646.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/LNumber TICs found: 0

CAS NO.

COMPOUND NAME

RT

EST. CONC.

Q

Chains of Custody Book

Will Compton: *Senior*

五、

ESTABLISHED 1870

315) 437 0255
 Syracuse, NY 13057-1017
 Fax 437 1209

Client	Client Project # / Project Name	No. of Containers	Special Turnaround Time (Lab Notification required)	Remarks
Types Org	9-15-157 Mr. C's Dry cleaners	1	24 hr	
Client Contact: Phil Holloway	Site Location (city/state): East Aurora NY	2		
Sample Location	Time	Matrix	Grab or Comp.	Typical Use Only
1) 1st Effluent	8/1/02	4	grab	21402045
2) 2nd Effluent	8/1/02	4	grab	50
3) 3rd Effluent	8/1/02	4	grab	51
4) BIP Blank	8.1.02		water	52
analyzer and method	sample bottle:	type	size	pres.
95-1		40ml	100A	NA
MRBE		40ml	100A	NA
Sampled by: (Please Print) Jan Kitch Company: Types Org Relinquished by: (Signature) Jan Kitch Date: 8/1/02 Time: 2:00 Received by: (Signature) [Signature] Date: 8/1/02 Time: 1:30 Received by: (Signature) [Signature] Date: 8/1/02 Time: 1:30 Received by: (Signature) [Signature] Date: 8/1/02 Time: 1:30 Received by: (Signature) [Signature]				

The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Fair Lawn (NJ)

Binghamton

Albany

Rochester

Syracusæ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

Day 8 Inflight
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:

CAS NO.	COMPOUND	(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
75-27-1	Bromodichloromethane		200	U
103-10-1	4-Methyl-2-pentanone		200	U
10031-1-5	cis-1,3-Dichloropropene		200	U
	MTBE		53	JD
108-88-3	Toluene		200	U
10051-2-6	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
103-90-7	Chlorobenzene		200	U
100-41-4	Ethylbenzene		200	U
105-33-3	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 desc. 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:

Number TICs found: 0

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

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 w/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:

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		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	U
108-88-3	Toluene		10	U
10031-2-6	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
95-47-8	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

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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.: SOG 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/LNumber TICs found: 0

CAS NO.

COMPOUND NAME

RT

EST. CONC.

Q

7/11/02
EPA SAMPLE NO.

1A
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	U
75-1-4	Vinyl Chloride	10	U	U
74-03-9	Bromomethane	10	U	U
75-00-3	Chloroethane	10	U	U
67-64-1	Acetone	10	U	U
75-35-4	1,1-Dichloroethene	10	U	U
75-15-0	Carbon Disulfide	10	U	U
75-09-2	Methylene Chloride	10	U	U
156-60-5	trans-1,2-Dichloroethene	10	U	U
75-34-33	1,1-Dichloroethane	10	U	U
78-93-3	2-Butanone	10	U	U
156-59-2	cis-1,2-Dichloroethene	10	U	U
67-66-3	Chloroform	4	U	U
71-55-6	1,1,1-Trichloroethane	10	U	U
56-23-5	Carbon Tetrachloride	10	U	U
71-43-2	Benzene	10	U	U
107-06-2	1,2-Dichloroethane	10	U	U
97-01-6	Trichloroethene	10	U	U
76-87-5	1,2-Dichloropropane	10	U	U
75-27-4	Bromodichloromethane	2	U	U
103-10-1	4-Methyl-2-pentanone	10	U	U
10061-1-5	cis-1,3-Dichloropropene	10	U	U
	MTBE	10	U	U
108-88-3	Toluene	10	U	U
10061-2-6	trans-1,3-Dichloropropene	10	U	U
79-00-5	1,1,2-Trichloroethane	10	U	U
591-78-6	2-Hexanone	10	U	U
127-18-4	Tetrachloroethene	10	U	U
124-48-1	Dibromochloromethane	10	U	U
108-90-7	Chlorobenzene	10	U	U
100-41-4	Ethylbenzene	10	U	U
103-30-3	m,p-Xylene	10	U	U
95-47-6	o-Xylene	10	U	U
100-42-5	Styrene	10	U	U
75-25-2	Bromoform	10	U	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U	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/mod) 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/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract: _____

DAY 8 EFFLUENT

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

FORM I VOA-1

OLM04.2

¹⁰
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) <u>UG/L</u>	<u>Q</u>
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

FORM I VOA-2

OLM04.2

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

FORM I VOA-1

OLM04.2

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

FORM I VOA-2

OIM04.2

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.: A1209

Matrix: (soil/water) WATER

Lab Sample ID: A1209-01A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: VSD9654

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

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

DATA SHEET 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)

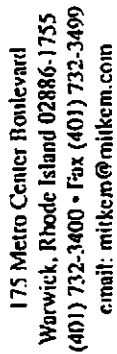
Soil Aliquot Volume: _____ (uL)

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

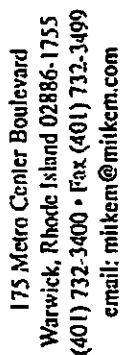


Page 1 of 1

PINK: CLIENT'S COPY

FELLOW: REPORT COPY

WHITE: LABORATORY COPY



CHAIN-OF-CUSTODY RECORD

Page 1 of 1

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WHITE: LABORATORY COPY

Chain Of Custody Record

2/10

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Fair Lawn (NJ)

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Syracuse

Буфа!О

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

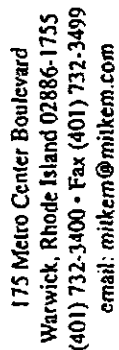
Soil Extract Volume: _____ (uL)

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



CHAIN-OF-CUSTODY RECORD

[illegible]

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)

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
76-93-3	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
58-23-5	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
108-66-3	Toluene		10	U
10061-2-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
591-78-5	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
124-48-1	Dibromochloromethane		10	U
103-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
103-38-3	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:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

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/mod) 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:

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
150-60-5	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
103-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
106-38-3	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 IVOA

3/90

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 Number: 9-15-157

Site Name: Mr. C's Dry Cleaners
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)

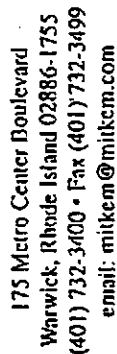
Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

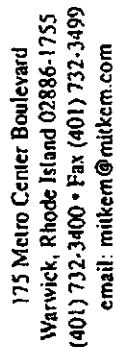
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	-----Chloromethane	10 U	
75-01-4	-----Vinyl Chloride	10 U	
74-83-9	-----Bromomethane	10 U	
75-00-3	-----Chloroethane	10 U	
75-35-4	-----1,1-Dichloroethene	10 U	
67-64-1	-----Acetone	10 U	
75-15-0	-----Carbon Disulfide	10 U	
75-09-2	-----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



Page 1 of 1

Q-93



CHAIN-OF-CUSTODY RECORD

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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: VSD9596

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

CHAIN-OF-CUSTODY RECORD

[illegible]

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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)

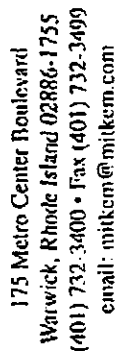
Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

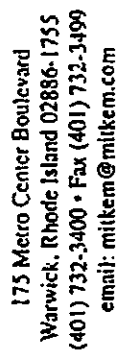
Soil Aliquot Volume: _____ (uL)

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

Page 1 of 1

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Page 1 of 1

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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

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.: 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
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

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

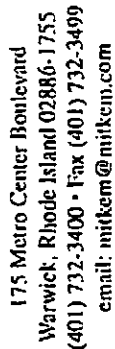
CONCENTRATION UNITS:
(ug/L or ug/Kg) MG/M3

Q

79-34-5-----1,1,2,2-Tetrachloroethane	1	U

FORM I VOA

PRELIMINARY



CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WHITE: LABORATORY COPY

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/MB	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

DATA SHEET 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)

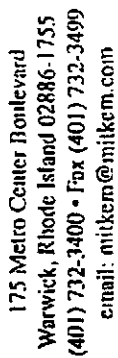
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

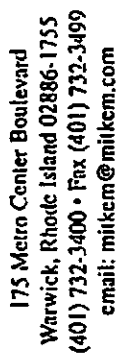
74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	10	U
74-83-9-----	Bromomethane	10	U
75-00-3-----	Chloroethane	10	U
75-35-4-----	1,1-Dichloroethene	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-09-2-----	Methylene Chloride	10	U
156-60-5-----	trans-1,2-Dichloroethene	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

Page 1 of 1

WHITE: LABORATORY COPY



CHAIN-OF-CUSTODY RECORD

Page 1 of 1[illegible]

WHITE: LABORATORY COPY

FLOW: 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 Number: 9-15-157

Site Name: Mr. C's Dry Cleaners
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: 24/24 hours = 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 continuous 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 continuous run

System Checks performed 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
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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

POST CARBON

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

LA
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA CASE 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 Number: 9-15-157

Site Name: Mr. C's Dry Cleaners
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 8/31/02: 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 continuous run

System Check performed 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 continuous run

System Check performed 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 continuous run

System Check performed 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	5	5
Effluent Flow rate: gal/min	111	0	0	0	0	0
Totalizer Stopped due to Oring in preppers.						
Effluent totalizer- gal	365644 Fixed on 9/4	365644	365644	365644	365644	365644
Holding Tank	5	4				

Mr. C's Dry Cleaners

Date 9/4/02

6th Day of Week 4

Day 13 24 hour system continuous run

System Check performed 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 continuous run

System Check performed by: Jen Kotch

485,852 gallons were treated 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
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

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

LA
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)

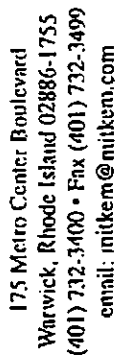
Soil Aliquot Volume: _____ (uL)

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

Page 1 of 1

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 always on	11.52	11.5	11.38	11.21	12.23	12.71	13.24
PZ-1B		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 5 and 6 Minutes	11.89	12.01	12.01	11.97	12.62	12.87	13.86
PZ-7B		12.11	12.33	12.31	12.11	12.8	13.01	12.95
PZ-7C		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 or 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: _____

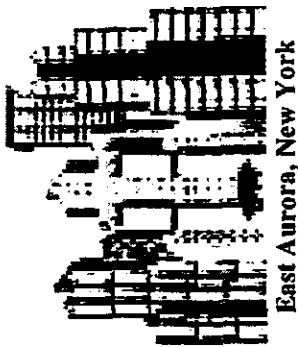
Attachment A

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



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

East Aurora, New York

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 of 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	PGO #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	PGO #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

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	9/19/02	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 Added 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	\$500.00	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	11/30/03	\$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	
		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
Remedial Bureau D, 12th Floor
325 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9814 • FAX: (518) 402-9819
Website: www.dec.state.ny.us



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 or 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: _____

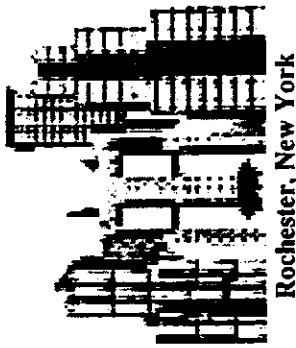
Attachment A

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

No.	Date Added to List:	Description of Incomplete Work List Item:	Status of Item:	Date Inspected/Completed:	Estimated Cost in (\$)	Schedule for Completion
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

No.	Date Add 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	
Total Outstanding Work - Part B					\$0	
Updated as of December 18, 2003						

T

Project Requests for Information (RFIs) 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 Dry Cleaners Field Office (E&E Engineering, P.C.)
586 Main Street
East Aurora, New York 14052

Mr. C's Dry Cleaners Site
East Aurora, New York

Request for Further Information (RFI) Log

Mr. C's Dry Cleaners Site, Site #9-15-157

Last updated: July 20, 2002

RFI List Review Date: December 20, 2004 (9:35am)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
1	10/15/01	The well pump manufacturer (Grunfos) 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 Grunfos specifications are for 3 inch pumps in 4 inch wells. No further action required with this RFI.	None
2	10/15/01	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

Dated: December 20, 2004 (9:35am)

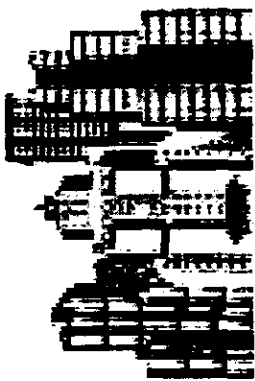
RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
8	10/22/01	Clarification of removal of the loose paint prior to re-painting the interior walls of the treatment area.	10/23/01	Pre-existing condition. No change to scope of work to be performed.	None
9	3/8/02	Clarification 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 be 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

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	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 Tytec 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. 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

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 C-5	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	-

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 U-6	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	-

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 contaminants 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	\$ 1,286.32
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 <u>Increase</u> Due to this Change Order 1:	<u>\$54,385.63</u>
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
	Part A	Part B	(All Parts) 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: ~

FOR DEPARTMENT

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

FOR NYSDEC ENGINEER

FOR CONTRACTOR

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

Approved as to Form:

Approved:

By: _____

By: _____

Attorney General

State Comptroller

Date: _____

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

Change Order Items: This Change Order comprises sixteen (16) items as identified and discussed below.

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"	<u>(\$ 22,950.00)</u>
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 <u>Decrease</u> Due to this Change Order 2:	<u>(\$ 32,611.49)</u>
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) Final
	Part A	Part B	
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:

FOR DEPARTMENT

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

FOR NYSDEC ENGINEER

FOR CONTRACTOR

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

Approved as to Form:

Approved:

By: _____

By: _____

Attorney General

State Comptroller

Date: _____

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 Clean ers Site
Sit 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
earners 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	\$0.00	\$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	Prezometer Installation	\$2,042.00	\$61,260.00	30	Each	\$61,260.00	\$61,260.00	\$0.00
UC-5A	1175	Groundwater Collection Pipe	\$80.00	\$94,000.00	931	LF	\$74,480.00	\$94,000.00	\$19,520.00
UC-5B	1325	GW Foremain	\$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	\$166.00	\$8,858.00	33	Each	\$5,478.00	\$8,858.00	\$3,380.00
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 Casing 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	\$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 (+)	\$80,317.27
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

Item	Cost	Earned Value to date
1A	\$758.58	\$758.58
1B	\$570.00	\$570.00
1C	\$31,248.04	\$31,248.04
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
10	\$13,749.98	\$13,749.98
13	\$6,583.64	\$6,583.64
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	-\$48,350.00	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	Adjusted in Quantities
LD	-\$22,950.00	Adjusted in Quantities
	-\$32,611.49	\$12,131.51
Total	\$21,774.27	\$60,317.27

Earned by Change Order #1

Projected Percent Over-run/Under-run:
-0.128%
(Under-run)

Earned by Change Order #2

X

Daily Reports and Project Photos



X. Daily Reports and Project Photos

Please see ncl s d CD

Y

Pre/Post Groundwater Monitoring Well Analytical Results