FINAL REMEDIATION REPORT

ON-SITE SOIL VAPOR EXTRACTION AND AIR SPARGING TREATMENT SYSTEM

FRANKLIN CLEANERS SITE

Village of Hempstead
Nassau County, New York
(Site Registry No. 1-30-050)

WORK ASSIGNMENT NO. D004184

Prepared For

New York State Department of Environmental Conservation

JUNE 2009
(Revised April 2012)

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

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SITE NO. 1-30-050

VILLAGE OF HEMPSTEAD
NASSAU COUNTY, NEW YORK
WORK ASSIGNMENT NO. D004446-10

Prepared for:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Prepared by:

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
WOODBURY, NEW YORK

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NASSAU COUNTY, NEW YORK

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1.0 INTRODUCTION

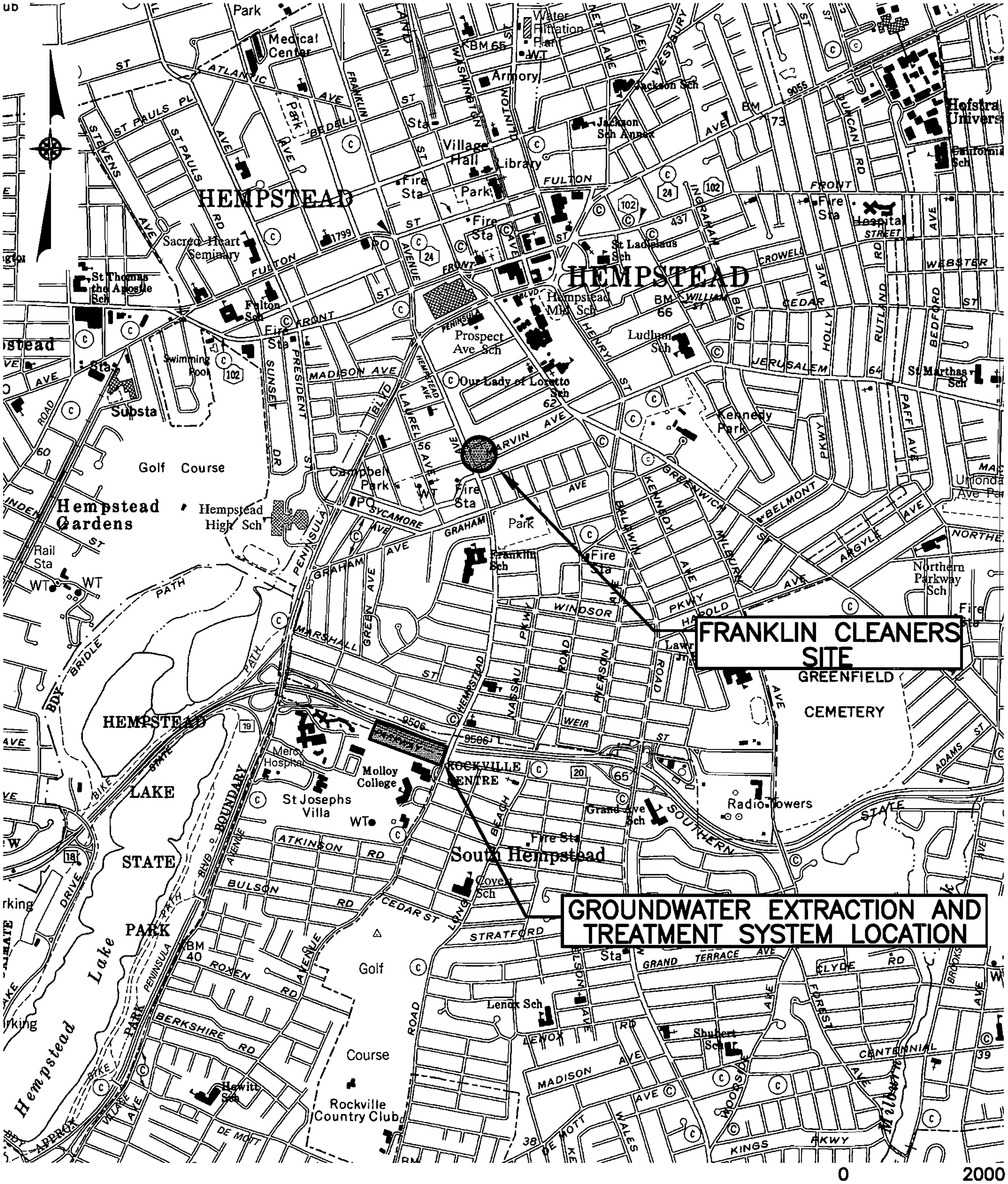
1.1 Project Overview

As part of New York State's program to investigate and remediate hazardous waste sites, the New York State Department of Environmental Conservation (NYSDEC) issued a work assignment to Dvirka and Bartilucci Consulting Engineers (D&B) of Woodbury, New York, under its Superfund Standby Contract with the NYSDEC. The scope of the work for the work assignment included providing construction inspection services for the remedial measures to address subsurface soil and shallow groundwater contamination at the Franklin Cleaners Site located in the Incorporated Village of Hempstead, Nassau County, New York (see Figure 1-1). The facility is a Class 2 New York State Superfund site (Registry No. 1-30-050).

The remedial measures selected by the NYSDEC for this site, as presented in the March 1998 Record of Decision (ROD), include on-site soil vapor extraction (SVE) to address subsurface soil contamination, and air sparging (AS) combined with SVE to address on-site shallow groundwater contamination. The selected remedy also includes off-site groundwater extraction and treatment to address downgradient groundwater contamination. This report documents the construction and implementation of the on-site SVE/AS system as part of the selected remedy.

The remedial time frame for the General Construction Contract consisted of a Notice to Proceed issued to the Contractor on June 11, 2002 and a certified substantial completion date of November 12, 2003. The major elements completed as part of the on-site remedy, as presented in the March 1998 ROD and as modified during construction, are as follows:

- Preparation and obtaining approval of shop drawing submittals in accordance with the requirements of the Contract Documents;
- Furnishing and installation of temporary facilities;
- Clearing and grubbing of the treatment system enclosure area;



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SCALE IN FEET

SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP

FIGURE 1-1

Dvirka and Bartilucci
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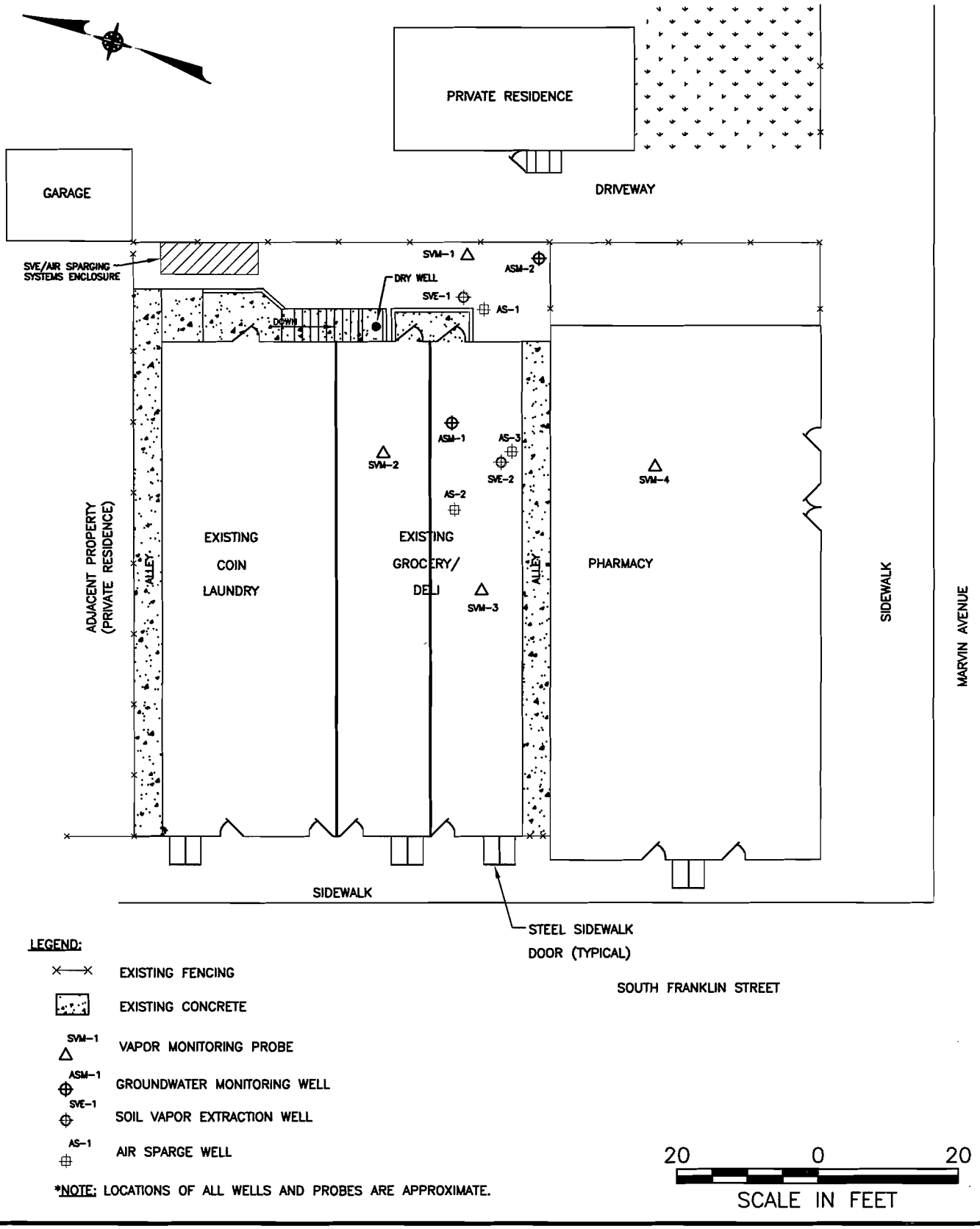
- Removal and disposal of yard waste and other material;
- Construction of new fencing and gates;
- Restoration and sealing of rear stairwell dry well;
- Repair of basement floor;
- Installation of rear stairwell awning;
- Grading and paving of area in rear of building;
- Construction of soil SVE wells, AS wells, groundwater monitoring wells and soil vapor monitoring probes;
- Installation of SVE/AS system, including SVE pressure blower, AS blower, carbon vessels, vapor/liquid separator, meteorological monitoring station, and instrumentation and controls;
- Start-up and performance testing of the SVE/AS system;
- Removal of temporary utilities and facilities; and
- Operation, monitoring and maintenance of the SVE/AS system.

1.2 Site Description and History

The Franklin Cleaners Site is a former dry cleaning facility located at 206-208B South Franklin Avenue in the Incorporated Village of Hempstead, Nassau County, New York. The site is approximately ⅛ acre in size and includes a two-story building with residential apartments on the second floor, and a coin laundromat and delicatessen occupying the first floor. Portions of the first floor and basement were utilized by the former dry cleaning facility. The site is bordered by Marvin Avenue to the south, private residences to the north and east, and commercial buildings and South Franklin Street to the west (see Figure 1-2). The Franklin Cleaners Site was listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites on June 17, 1993. In response to a determination that the presence of hazardous waste at the site presents a significant threat to human health and the environment, the NYSDEC issued a work assignment for D&B to conduct a Remedial Investigation/Feasibility Study (RI/FS). The purpose of the RI/FS was to



FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

SITE PLAN

FIGURE 1-2

determine the nature and the extent of contamination resulting from previous activities at the site.

D&B performed the RI/FS on behalf of the NYSDEC between December 1996 and November 1998. The RI/FS showed that elevated levels of tetrachloroethene (PCE) were present in surface and subsurface soil due to the disposal of waste dry cleaning fluids in the back alleyway of the site, as well as spills or disposal that occurred in the basement of the building in the vicinity of the former dry cleaning equipment. Elevated levels of PCE in groundwater were also detected in the shallow Upper Glacial aquifer in the immediate vicinity of the site. The shallow groundwater plume was traced to the northern boundaries of the Molloy College and Mercy Hospital properties, both located just south of the Southern State Parkway, nearly one mile south (downgradient) of the site.

As discussed previously, a ROD was prepared by NYSDEC in March 1998. The ROD selected installation of an SVE/AS system to address on-site soil and groundwater contamination. The SVE/AS system was installed in 2003 and is located approximately 10 feet behind (east) the Franklin Cleaners Site. Construction and operation activities of the SVE/AS system were implemented to limit impacts to site occupants and surrounding communities.

1.3 Project Objectives

Goals for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375-1.10, and are documented in the ROD. The overall remedial goals are to be protective of human health and the environment and to meet all standards, criteria and guidelines (SCGs). Implementation of the on-site SVE/AS remedy is specifically focused on the following goals:

- Reduce, control or eliminate contaminated media to the extent practicable;
- Eliminate the threat of contaminant migration to groundwater and indoor air by eliminating on-site soil contamination;
- Eliminate the potential for exposure to contaminated groundwater; and

- Provide for attainment of SCGs for groundwater, soil and indoor air to the limits of the affected area, to the extent practicable.

1.4 Report Purpose and Organization

The primary purpose of this Final Remediation Report is to describe all variations from the Contract Documents and present the results of the confirmatory soil sampling, groundwater sampling and indoor air sampling.

The report has been organized as follows:

- Section 1.0 - Introduction: This section presents a brief description of the project background and defines specific project objectives.
- Section 2.0 - Construction Activities: This section presents a description of all construction activities performed at the site, as well as all variations from the Contract Documents, during the implementation of the remedial measure.
- Section 3.0 - System Performance Testing: This section presents the results of the preliminary field tests and the performance tests conducted prior to full implementation of the SVE/AS system.
- Section 4.0 - Post-Construction, Operation, Maintenance and Monitoring: This section presents a description of the work completed during the post-construction operation, maintenance and monitoring period.
- Section 5.0 – Post-Remediation Shutdown: This section presents the results of the confirmatory soil vapor, subsurface soil, groundwater and indoor air samples collected at the site and the installation of the sub-slab depressurization system.
- Section 6.0 - Change Order: This section presents a description of the change orders for the project.

2.0 CONSTRUCTION ACTIVITIES

Construction of the SVE/AS system was conducted from March through September 2003. D&B was responsible for all construction inspection and oversight for the duration of the work. Copies of D&B's Daily Construction Inspection Reports and construction photographs are included in Appendices A and B, respectively. The following provides a detailed summary of all work conducted during the construction of the SVE/AS system.

2.1 Contractor Submittals

The General Construction Contractor (GC) selected for the construction of the remediation system, based on competitive bids, was Environmental Products & Services, Inc. (EP&S) of Syracuse, New York. As required by the Contract Documents, contractor submittals included the following site-specific documents:

- Health and Safety Plan (HASP);
- Sampling and Analysis Plan;
- Contingency Plan;
- Work and Waste Handling Plan;
- Storm Water Management Plan;
- Process and Engineering Description; and
- Well Installation Plan.

In addition, shop drawings were required to be submitted for the following:

- SVE wells;
- AS wells;
- vapor monitoring probes;
- groundwater monitoring wells;

- vapor/liquid separator;
- carbon adsorption units;
- SVE blower;
- Control panels;
- AS blower;
- decontamination pad;
- system enclosure;
- fencing and gates;
- paving;
- awning;
- dry well cover;
- piping layout;
- meteorological monitoring station; and
- electrical equipment.

The Contractor's submittals were reviewed by D&B for conformance with the requirements of the Contract Documents and were revised as necessary by the Contractor in accordance with D&B's comments.

2.2 Site Preparation

The GC mobilized to the site on February 27, 2003, to initiate site preparation activities and to install the necessary temporary facilities. Site preparation activities undertaken by the GC included:

- Mobilization to a field office located on the second floor of 208 South Franklin Avenue;

- Clearing and grubbing within the Contract Limits, as necessary to perform the work;
- Installation of a project sign at the site entrance; and
- Removal of yard waste and debris resulting from all clearing and grubbing activities, and additional materials within the Contract Limits.

The activities performed as part of site preparation are described in detail in the following sections. All work performed as part of site preparation was performed in accordance with the Contract Documents except as noted below.

2.2.1 Clearing and Grubbing

The GC cleared approximately 1,400 square feet within the Contract Limits as defined by the Contract Documents. Clearing and grubbing consisted of removal and off-site disposal of all trees, vegetation and miscellaneous items within the area selected for the installation of the buried system piping and enclosure for the SVE/AS system. This task also included the removal of the existing dilapidated fence behind the building. Waste generated during clearing and grubbing was disposed off-site at Waste Management of Long Island, located in New Hyde Park, New York, in accordance with the GC's approved Work and Waste Handling Plan.

2.2.2 Removal of Waste and Debris

The GC removed approximately 10 cubic yards of miscellaneous yard waste and debris from the rear area of the building and the basement of the delicatessen. All miscellaneous yard waste and debris was disposed off-site at Waste Management of Long Island located in New Hyde Park, New York in accordance with the GC's approved Work and Waste Handling Plan.

2.2.3 Installation of New Fence

Upon completion of the clearing and grubbing activities, 85 feet of new galvanized, 6-foot high chain-link fence and gates with privacy-slats were installed surrounding the

perimeter of the rear portion of the site. The fence was installed by Miles Fence Company, a subcontractor to the GC.

2.2.4 Temporary Facilities

As approved by the NYSDEC, a field office was established in vacant office space on the second floor of the building located at 208 South Franklin Street, instead of a trailer. Temporary electric and phone services were set up through the Long Island Power Authority (LIPA) and Verizon Communications, respectively. All temporary facilities and services were removed upon completion of the construction activities.

2.3 Dry Well Sealing and Restoration

Prior to construction of the SVE/AS system, the dry well located in the rear stairwell was retrofitted to provide an airtight seal at the surface to prevent short-circuiting of the system. The surface of the dry well area was first cleared of all debris and other material. The existing manhole rim and cover were then removed. A vacuum truck was used to remove all liquid and sludge from the inside of the dry well to the bottom of the structure. All material was removed from the dry well and disposed off-site at Waste Management of Long Island, New Hyde Park, New York in accordance with the GC's approved Work and Waste Handling Plan. The dry well was backfilled with approximately 0.3 cubic yards of approved general fill from 110 Sand Company, West Babylon, New York. Upon completion of all construction activities, a new dry well frame and airtight cover were installed to complete the restoration. A new dry well grate was also provided by the GC to replace the airtight cover upon completion of remedial activities.

2.4 Awning Installation

Prior to construction of the SVE/AS system, the awning above the stairwell in the rear of the building was removed and replaced with a new awning to prevent precipitation from accumulating in the bottom of the stairwell. The awning was installed by Action Awnings and

Canopies, Inc., a subcontractor to the GC. Drawings showing the location of the installed awning are included in Appendix D.

The awning installation work was performed in accordance with approved plans with the exception of the following deviation:

- As approved by the NYSDEC, the awning length was extended from 15 feet to 32 feet in order to cover the entire length of the stairwell.

2.5 Treatment System Construction

2.5..1 - Treatment System Enclosure

A SVE/AS system enclosure was installed by the GC in the rear area of the building to house the treatment system equipment. The enclosure and all equipment were supplied by National Environmental Systems, a subcontractor to the GC. The installed dimensions of the system enclosure were 4.5 feet wide, 14 feet long and 9.5 feet high. The enclosure was constructed of plywood with an asphalt shingle roof, T-111 plywood siding and a steel I-beam skid. The enclosure was installed on the new asphalt paving and included a ventilation system and sound-proofing material within the walls. Drawings of the system enclosure are included in Appendix D.

The system enclosure installation work was performed in accordance with approved plans with the exception of the following deviation:

- As approved by the NYSDEC, the system enclosure was installed directly on top of the asphalt paving instead of on a concrete pad, as originally specified.

2.5.2 - Installation of Primary Electrical Service

The primary electric service was installed by Allways Electric Corp., a subcontractor to the GC. The primary electrical service for the SVE/AS system was established from a utility pole

located on the east side of Hempstead Avenue. Drawings illustrating the primary electric service distribution to the system are included in Appendix D.

2.5.3 - Installation of Primary Telephone Service

The primary telephone service to the system enclosure was installed by Allways Electric Corp., a subcontractor to the GC. The primary telephone service for the SVE/AS system was established from the utility pole located on the east side of Hempstead Avenue.

2.5.4 - Buried Piping Installations

2.5.4.1 - Soil Vapor Extraction System Piping

The SVE system piping was installed by the GC to convey soil vapor from the SVE wells (SVE-1 and SVE-2) to the process equipment. The SVE system piping was constructed using 2-inch diameter, Schedule 40 PVC pipe. The SVE system piping was installed at a depth of 1.5 feet below grade. Upon installation of the SVE piping, the trenches were backfilled with native soil generated during trenching activities, which was then compacted with a vibratory plate compactor. Drawings illustrating the location of buried SVE system piping are included in Appendix D.

2.5.4.2 - Air Sparging System Piping

The AS system piping was installed by the GC to convey ambient air from the AS compressor to the AS wells (AS-1, AS-2 and AS-3). The AS system piping was constructed using 1-inch diameter galvanized steel pipe. The AS system piping was installed at a depth of 1.5 feet below grade. Upon installation of the AS piping, the trenches were backfilled with native soil generated during trenching activities, which was then compacted with a vibratory plate compactor. Drawings illustrating the location of buried AS system piping are included in Appendix D.

2.5.5 - Soil Vapor Extraction System

2.5.5.1 - Soil Vapor Extraction Blower

The blower associated with the SVE system was installed by the GC to extract soil vapor from the SVE wells. The GC provided an Ametek Rotron Industrial Products Model EN6FL72L blower to meet the performance requirements specified in the Contract Documents. The blower was furnished with a variable frequency drive (VFD), a variable speed explosion-proof motor, inline filter/silencers and vacuum relief/dilution valves. Drawings providing details specific to the construction and layout of the SVE system and associated equipment are included in Appendix D.

2.5.5.2 - Moisture Separator

The moisture separator associated with the SVE system was installed by the GC to remove moisture potentially collected in the soil vapor extracted from the SVE wells. The GC provided a National Environmental Systems (NES) Model MS Tank 110 separator to meet the performance requirements specified in the Contract Documents. The moisture separator was furnished with a sight-tube, emergency high alarm level and a drain valve. Drawings providing details specific to the construction and layout of the SVE system and associated equipment are included in Appendix D.

2.5.5.3 - Vapor-Phase Carbon Vessels

Two (2) vapor-phase carbon vessels were installed as an integral part of the SVE system by the GC to remove contaminants from the extracted soil vapor. The GC provided Chem-Trade International, Inc. Model DVP400 vapor-phase carbon vessels to meet the performance requirements specified in the Contract Documents. The vapor-phase carbon vessels were set up and operated in series and each was equipped with 195 pounds of granular activated carbon. Drawings providing details specific to the construction and layout of the SVE system and associated equipment are included in Appendix D.

2.5.5.4 - Instrumentation

Flow control valves were installed at each SVE well head at the inlet and outlet of the moisture separator, and at the inlet and outlet of each vapor-phase carbon vessel. The GC provided NES Standard Model VBU1T flow control valves to meet the performance requirements specified in the Contract Documents.

Flow-measuring instrumentation was installed to determine the soil vapor flow rate at each SVE well head, at the inlet and outlet to the moisture separator, and at the inlet and outlet of each vapor-phase carbon vessel. The GC provided Dwyer Instruments, Inc. Model DS-300 pitot tube gauges and Dwyer Instruments, Inc. Model 2000 magnehelic gauges to meet the performance requirements specified in the Contract Documents.

Pressure-measuring instrumentation was installed to measure the pressures at each SVE well head, at each vapor probe, at the inlet and outlet of the blower, at the inlet and outlet to the moisture separator, and at the inlet and outlet of each vapor-phase carbon vessel. The GC provided Winters Thermogauges Ltd. Model P304-V pressure gauges to meet the performance requirements specified in the Contract Documents.

Temperature-measuring instrumentation was installed to measure the air temperature at each SVE well head, at the inlet and outlet to the vapor/liquid separator, and at the inlet and outlet of each carbon adsorption vessel. The GC provided Winters Thermogauges Ltd. Model 20025-B8 temperature gauges to meet the performance requirements specified in the Contract Documents.

2.5.6 - Air Sparge System

2.5.6.1 - Air Sparge Compressor

The compressor associated with the AS system was installed by the GC to convey ambient air to the AS wells. The GC provided a Becker Pumps Corp. Model KTD-3.60 compressor to meet the performance requirements specified in the Contract Documents. The compressor was furnished with a VFD, a variable speed explosion-proof motor, inline filters/silencers and a vacuum relief valve. Drawings providing details specific to the construction and layout of the AS system and associated equipment are included in Appendix D.

2.5.6.2 - Instrumentation

Flow control valves were installed at each air sparge well. The GC provided NES Standard Model VBU1T flow control valves to meet the performance requirements specified in the Contract Documents.

Flow-measuring instrumentation was installed to determine the air injection flow rate at each wellhead. The GC provided Dwyer Instruments, Inc. Model VFC-122 flow meters to meet the performance requirements specified in the Contract Documents.

Pressure-measuring instrumentation was installed to measure the pressure at each AS well head, as well as at the outlet of the AS compressor. The GC provided Winters Model P802 pressure gauges to meet the performance requirements specified in the Contract Documents.

Temperature-measuring instrumentation was installed to measure the air temperature at each AS well head. The GC provided Winters Model 20025-B11 temperature gauges to meet the performance requirements specified in the Contract Documents.

2.5.7 - Control Systems

Control systems associated with the treatment were installed by the GC to control the operation of the treatment system equipment. All electrical wiring from the control panels to the power distribution board and equipment was installed by the GC. Shop drawings were submitted by the GC prior to installation and field tests for the control logic and system alarms were performed prior to final acceptance of the equipment. As-built drawings of the control system are included in Appendix D.

2.5.8 - Miscellaneous Equipment

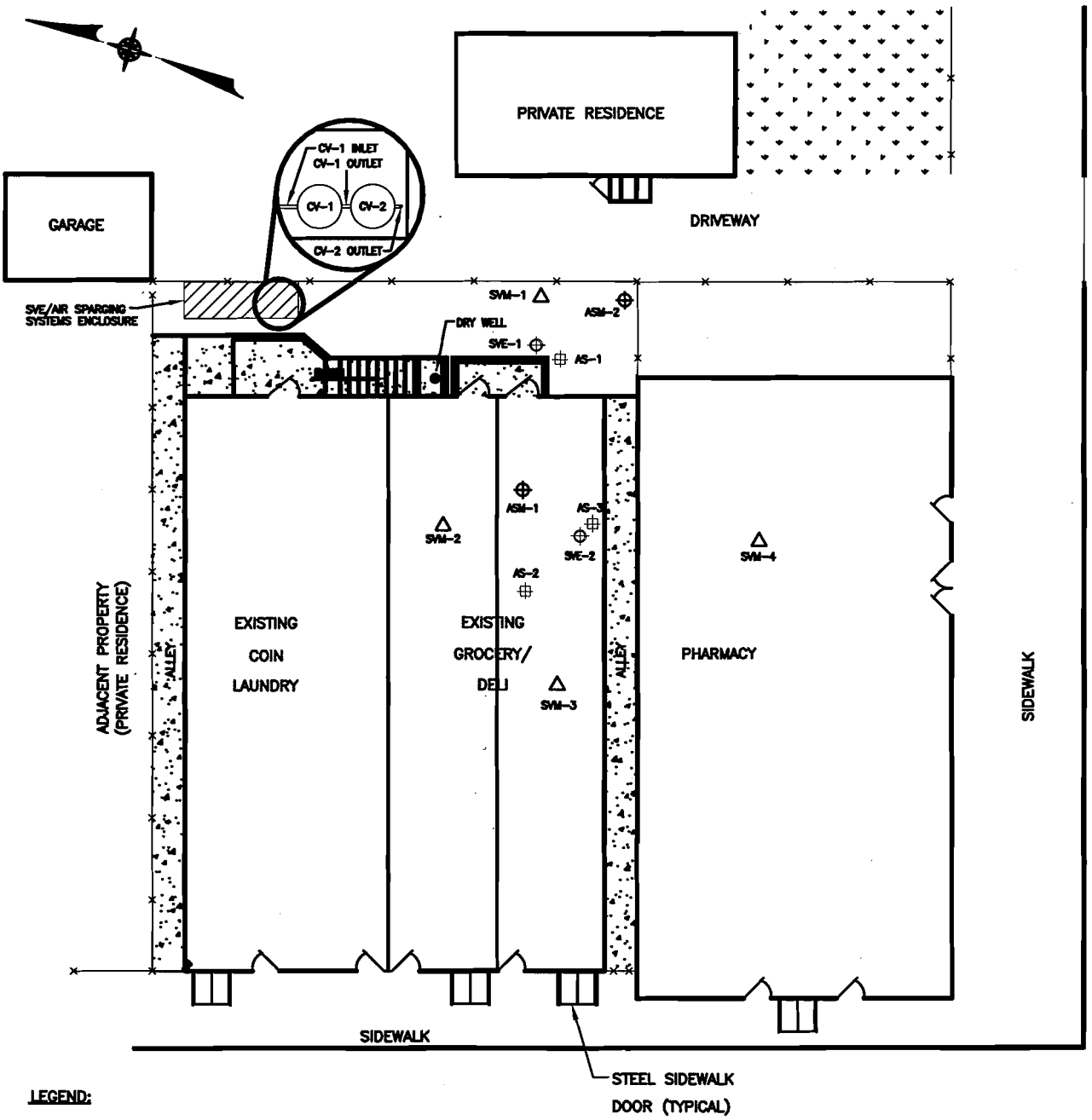
2.5.8.1 - Meteorological Monitoring Station

A meteorological monitoring station was installed by the GC as an integral part of the SVE/AS system to record local weather data. The meteorological monitoring station was installed above the system enclosure to measure and record wind speed, wind direction, ambient air temperature, atmospheric pressure, atmospheric humidity, incoming radiation and precipitation at 1-hour intervals. A readout device was installed within the system enclosure to download actual site conditions. The data was printed on a dedicated printer located within the system enclosure.

2.5.9 - Well and Probe Installation

The well and probe installation were performed by Lyon Drilling Company, a subcontractor to the GC. The locations of all monitoring wells and vapor probes are shown on Figure 2-1. All soil boring and well construction logs for the wells/probes discussed below are provided in Appendix E.

The following sections are intended to provide a brief description of the activities performed as part of each well and probe installation.



LEGEND:

- FENCING
- EXISTING CONCRETE
- SVM-1 — VAPOR MONITORING PROBE
- ASM-1 — GROUNDWATER MONITORING WELL
- SVE-1 — SOIL VAPOR EXTRACTION WELL
- AS-1 — AIR SPARGE WELL

*NOTE: LOCATIONS OF ALL WELLS AND PROBES ARE APPROXIMATE.

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SCALE IN FEET

FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

MONITORING WELL AND PROBE LOCATION MAP

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FIGURE 2-1

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2.5.9.1 - Groundwater Monitoring Wells

Two groundwater monitoring wells (designated ASM-1 and ASM-2) were constructed within the limits of the Franklin Cleaners Site to monitor the effectiveness of the AS system. Each well was drilled using 4 1/4-inch inner diameter (ID) hollow stem augers and split-spoon soil sampling was completed continuously in each well, screened with a PID and logged for geologic characteristics.

Upon completion of drilling at each borehole, a 2-inch diameter PVC monitoring well was installed and developed in accordance with the approved Well Installation Plan. All wastes generated during well construction activities were characterized, transported and disposed off-site at Chemical Waste Disposal Corporation, located in Astoria, New York. Copies of the waste manifests are provided in Appendix C. Groundwater monitoring well construction details are provided in Table 2-1.

Prior to startup of the SVE/AS treatment system, each of the installed monitoring wells were sampled for VOCs by NYSDEC ASP Method OLM04.2, iron and manganese, to establish baseline conditions in accordance with the GC's Work and Waste Handling Plan. Existing off-site monitoring wells FC-1 and FC-2 were also sampled for VOC, iron and manganese to establish baseline conditions. Split samples were collected from each well and analyzed by D&B. A summary of the baseline VOC results is provided in Table 2-2.

As shown in Table 2-2, baseline samples collected from ASM-1, ASM-2 and FC-2 all exhibited levels of PCE above the NYSDEC Class GA groundwater standard of 5 ug/l. Concentrations of PCE in the wells ranged from less than 10 ug/l to greater than 50 ug/l. Monitoring well FC-1 did not exhibit levels of PCE above the NYSDEC Class GA Groundwater Standard of 5 ug/l.

Table 2-1

WELL AND PROBE CONSTRUCTION DETAILS
FRANKLIN CLEANERS SITE (ON-SITE)

Well ID	Construction Date	Screen Zone (feet bgs)	Sand Pack (feet bgs)	Bentonite Seal (feet bgs)
Groundwater Monitoring Wells				
ASM-1	3/14/03	5-20	4-20	0-4
ASM-2	3/20/03	14.9-29.9	13-30	11-13
Air Sparge Wells				
AS-1	3/18/03	25-27	23-27	21-23
AS-2	3/13/03	15-17	13-20	11-13
AS-3	3/12/03	15.2-17.2	12.8-19.2	11.1-12.8
Soil Vapor Extraction Wells				
SVE-1	3/18/03	11.5-16.5	8-16.5	6-8
SVE-2	3/13/03	3.5-8.5	2.5-8.5	0-2.5
Soil Vapor Monitoring Probe				
SVM-1	3/20/03	11.5-16.5	10-16.5	8-10
SVM-2	3/17/03	3.5-8.5	2-8.5	0-2
SVM-3	3/11/03	3.5-8.5	2-8.5	0-2
SVM-4	3/21/03	3.5-8.5	2-8.5	0-2

Abbreviations
bgs - below ground surface

TABLE 2-2
GROUNDWATER MONITORING WELL BASELINE SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	ASM-1		ASM-2		FC-1		NYSDEC
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	Class GA
DATE OF COLLECTION	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/18/2003	8/18/2003	Groundwater
COLLECTED BY	EP&S	D&B	EP&S	D&B	EP&S	D&B	Standard and
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	Guidance Values
VOCs							
Dichlorodifluormethane	NM	U	NM	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	2
Bromomethane	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	5
Trichlorofluoromethane	NM	U	NM	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	NM	U	NM	U	U	U	5
Acetone	15	U	17	U	U	U	50
Carbon disulfide	U	U	U	U	U	3 J	60 GV
Methyl acetate	NM	U	NM	U	U	U	--
Methylene chloride	U	U	U	U	U	U	5
trans 1,2-Dichloroethene	U	U	U	U	U	U	5
Methyl-tert butyl ether	NM	U	NM	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	U	5
2-Butanone	U	U	U	U	U	U	50 GV
Chloroform	3.1	3 J	U	U	U	U	7
1,1,1-Trichlorethane	U	U	U	U	U	U	5
Cyclohexane	NM	U	NM	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	5
Benzene	U	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	U	0.6
Trichloroethene	U	U	U	U	U	U	5
Methylcyclohexane	NM	U	NM	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	U	50
cis-1,3-Dichloropropene	U	U	U	U	U	U	0.4
4-Methyl-2-pentanone	U	U	U	U	U	U	--
Toluene	U	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	0.4
1,1,2-Trichloroethane	U	U	U	U	U	U	1
Tetrachloroethene	**58**	**46**	**68**	**54**	U	U	5
2-Hexanone	U	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	50
1,2-Dibromoethane	NM	U	NM	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	5
Xylene (total)	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	5
Bromoform	U	U	U	U	U	U	50 GV
Isopropylbenzene	NM	U	NM	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	5
1,3-Dichlorobenzene	NM	U	NM	U	U	U	3
1,4-Dichlorobenzene	NM	U	NM	U	U	U	3
1,2-Dichlorobenzene	NM	U	NM	U	U	U	3
1,2-Dibromo-3-chloropropane	NM	U	NM	U	U	U	0.04
1,2,4-Trichlorobenzene	NM	U	NM	U	U	U	5

NOTES:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
NM: Not Monitored
--: Not established
ug/L = Microgram per liter
GV: Guidance Value
Concentration exceeds Groundwater Standard or Guidance Value

TABLE 2-2 (Continued)
GROUNDWATER MONITORING WELL BASELINE SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	FC-2						NYSDEC
SAMPLE TYPE	WATER	WATER					Class GA
DATE OF COLLECTION	8/18/2003	8/18/2003					Groundwater
COLLECTED BY	EP&S	D&B					Standards and
UNITS	(ug/L)	(ug/L)					Guidance Values
VOCs							
Dichlorodifluormethane	U	U					5 GV
Chloromethane	U	U					5
Vinyl chloride	U	U					2
Bromomethane	U	U					5
Chloroethane	U	U					5
Trichlorofluoromethane	U	U					5
1,1-Dichloroethene	U	U					5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U					5
Acetone	U	U					50
Carbon disulfide	U	U					60 GV
Methyl acetate	U	U					--
Methylene chloride	U	U					5
trans 1,2-Dichloroethene	U	U					5
Methyl-tert butyl ether	1.4 J	1 J					10 GV
1,1-Dichloroethane	U	U					5
cis-1,2-Dichloroethene	U	U					5
2-Butanone	U	U					50 GV
Chloroform	U	U					7
1,1,1-Trichlorethane	U	U					5
Cyclohexane	U	U					--
Carbon tetrachloride	U	U					5
Benzene	U	U					1
1,2-Dichloroethane	U	U					0.6
Trichloroethene	U	U					5
Methylcyclohexane	U	U					--
1,2-Dichloropropane	U	U					1
Bromodichloromethane	U	U					50
cis-1,3-Dichloropropene	U	U					0.4
4-Methyl-2-pentanone	U	U					--
Toluene	U	U					5
trans-1,3-Dichloropropene	U	U					0.4
1,1,2-Trichloroethane	U	U					1
Tetrachloroethene	**6.2 J**	**8 J**					5
2-Hexanone	U	U					50 GV
Dibromochloromethane	U	U					50
1,2-Dibromoethane	U	U					5
Chlorobenzene	U	U					5
Ethylbenzene	U	U					5
Xylene (total)	U	U					5
Styrene	U	U					5
Bromoform	U	U					50 GV
Isopropylbenzene	U	U					5
1,1,2,2-Tetrachloroethane	U	U					5
1,3-Dichlorobenzene	U	U					3
1,4-Dichlorobenzene	U	U					3
1,2-Dichlorobenzene	U	U					3
1,2-Dibromo-3-chloropropane	U	U					0.04
1,2,4-Trichlorobenzene	U	U					5

NOTES:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
NM: Not Monitored
--: Not established
ug/L = Microgram per liter
GV: Guidance Value
Concentration exceeds Groundwater Standard or Guidance Value

TABLE 2-2 (Continued)
GROUNDWATER MONITORING WELL BASELINE SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	ASM-1		ASM-2		FC-1		NYSDEC
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	Class GA
DATE OF COLLECTION	8/20/2003	8/20/2003	8/20/2003	8/20/2003	8/18/2003	8/18/2003	Groundwater
COLLECTED BY	EP&S	D&B	EP&S	D&B	EP&S	D&B	Standard and
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	Guidance Values
Iron	91	NM	91	NM	**617**	NM	300
Manganese	18	NM	18	NM	11.7	NM	300

SAMPLE ID	FC-2						NYSDEC
SAMPLE TYPE	WATER	WATER					Class GA
DATE OF COLLECTION	8/18/2003	8/18/2003					Groundwater
COLLECTED BY	EP&S	D&B					Standard and
UNITS	(ug/L)	(ug/L)					Guidance Values
Iron	154	NM					300
Manganese	4.5	NM					300

NOTES:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
NM: Not Monitored
--: Not established
ug/L = Microgram per liter
GV: Guidance Value
Concentration exceeds Groundwater Standard or Guidance Value

2.5.9.2 - Air Sparge Wells

Three AS wells (designated as AS-1, AS-2 and AS-3) were constructed within the limits of the Franklin Cleaners Site. Each well was drilled using 4 1/4-inch ID hollow stem augers with continuous split spoon sampling.

Upon completion of drilling at each borehole, a 2-inch diameter PVC AS well was installed in accordance with the approved Well Installation Plan. Waste generated during well construction activities were characterized, transported and disposed off-site by Chemical Waste Disposal Corporation located in Astoria, New York. Copies of the waste manifests are provided in Appendix C. AS well construction details are provided in Table 2-1.

2.5.9.3 - Soil Vapor Extraction Wells

Two (2) SVE wells (designated SVE-1 and SVE-2) were constructed within the limits of the Franklin Cleaners Site. Each well was drilled using 4 1/4-inch ID hollow stem augers and all drill cuttings were monitored for the presence of VOCs using a PID and contained in new, NYSDOT approved 55-gallon drums.

Upon completion of drilling at each borehole, a 2-inch diameter PVC SVE well was installed in accordance with the approved Well Installation Plan. Waste generated during well construction activities were characterized, transported and disposed off-site at Chemical Waste Disposal Corporation located in Astoria, New York. Copies of the waste manifests are provided in Appendix C. SVE well construction details are provided in Table 2-1.

2.5.9.4 - Soil Vapor Monitoring Probes

Four (4) soil vapor monitoring probes (designated SVM-1 through SVM-4) were constructed within the limits of the Franklin Cleaners Site. Soil vapor monitoring probes SVM-1 and SVM-3 were drilled using 4 1/4-inch ID hollow stem augers. Soil vapor monitoring probes SVM-2 and SVM-4 were installed using 4-inch ID hand augers.

Upon completion of drilling at each borehole, a 3/4-inch diameter PVC probe was installed in accordance with the approved Well Installation Plan. Waste generated during probe construction activities were disposed off-site at Chemical Waste Disposal Corporation located in Astoria, New York. Copies of waste manifests are provided in Appendix C. Soil vapor monitoring probe construction details are provided in Table 2-1.

The GC installed two additional soil vapor monitoring points (SVM-5 and SVM-6) within the limits of the Franklin Cleaners site during routine operation of the SVE/AS system, as requested by the NYSDEC, to determine if adequate vacuum was being applied directly beneath the basement floor slab. The probes were installed using 4-inch I.D. hand augers. A 3/4-inch diameter PVC probe was installed and finished above the building floor slab as a stick-up.

2.6 Basement Floor Repair

Prior to startup of the SVE/AS system, the basement floor located within the anticipated radius of influence of the remediation system was repaired in an attempt to minimize short circuiting of the SVE/AS system. The GC repaired approximately 220 square feet of the basement floor slab in accordance with the requirements of the Contract Documents. The basement floor repair was completed by City and County Paving Corp., a subcontractor to the GC.

Areas of the basement floor slab requiring repair were sawcut to a maximum of 6 inches beyond each side of the fracture. All holes were filled with Portland cement in accordance with the GC's approved Work and Waste Handling Plan.

2.7 Paving

Prior to installation of the SVE/AS system enclosure, and after all buried system piping was installed, asphalt paving was completed in the rear of the building by City and County Paving Corp. under subcontract to the GC. Approximately 550 square feet within the Contract

Limits as defined by the Contract Documents was paved. Drawings illustrating the limits of the installed pavement are included in Appendix D in Figure 6.

A 4-inch base of recycled concrete aggregate (RCA) was first installed to fill depressions and provide a level surface to support the asphalt. The RCA was placed by means of mechanical equipment. Upon placement of the RCA base course, a 1.5-inch binder course was placed, followed by 1.5 inches of an asphalt top course. The binder and top course were both placed by means of mechanical equipment. Materials provided for the binder course and top course were in accordance with the New York State Department of Transportation (NYSDOT) specifications.

The paving work was performed in accordance with approved plans with the exception of the following deviation:

- As approved by the NYSDEC, additional general fill was used to adjust the pre-construction grade in the rear of the building to prevent flooding in the rear of the building and the building basement.

2.8 Site Restoration

Site restoration activities were carried out by the GC upon construction completion. Work completed as part of three activities included:

- Removal and proper off-site disposal of all waste such as excess construction material, wood, concrete, debris and any other foreign material;
- Disconnection and removal of all temporary utility services not required for operation of the SVE/AS system or the meteorological monitoring station;
- Removal of all office equipment from the temporary office space; and
- Restoration of the access route from Marvin Avenue.

Final site restoration activities were also performed following satisfactory completion of remediation activities. Details regarding the final site restoration are included in Section 5.5 of this report.

3.0 SYSTEM PERFORMANCE TESTING

3.1 Soil Vapor Extraction System

The GC initiated performance testing activities for the installed SVE system on August 24, 2003. The purpose of the performance test was to demonstrate that the SVE system met the minimum performance requirements specified in the Contract Documents at the design flow rates.

A continuous SVE performance test was conducted over a 14-day period. System monitoring was completed twice per day, at 12-hour intervals, during the performance test period and included:

- Measurement of temperature, vacuum and flow rate at the vacuum blower inlet;
- Measurement of temperature, vacuum, flow rate and concentration of VOCs at each soil vapor extraction well head;
- Measurement of temperature, vacuum, flow rate and concentration of VOCs at the inlet of each primary vapor-phase carbon vessel and the outlet of each primary and secondary vapor-phase carbon vessel;
- Measurement of vacuum and concentration of VOCs at each soil vapor monitoring probe;
- Verification of compliance with the specified noise control requirement through the use of a sound level meter in the presence of the Engineer; and
- Demonstration that all instrumentation, controls and alarm functions were operating properly.
- Collection of vapor-phase samples for laboratory analysis of VOCs from each soil vapor extraction well head, each carbon adsorption vessel inlet and outlet and each soil vapor monitoring probe.

The GC submitted field reports to D&B at the end of each day during the SVE system testing. These reports documented the results of all pressure, temperature and flow rate measurements for that day. A final report summarizing all activities completed during the

performance test was submitted by the GC within 1 week after the completion of the SVE system performance test and is included in Appendix F.

3.2 Air Sparge System

The GC initiated performance testing activities for the installed AS system on September 2, 2003. The AS Performance Test was conducted over a 7-day period in conjunction with SVE performance testing activities. The purpose of the performance test was to demonstrate that the AS system met the minimum performance requirements specified in the Contract Documents. System monitoring was completed twice per day, at 12-hour intervals, during the performance test period and included:

- Measurement and recording temperature, pressure and flow rate at each air sparging well head;
- Measurement and recording pressure and concentration of VOCs at each vapor monitoring probe;
- Verification of compliance with the specified noise control requirements through the use of a sound level meter in the presence of the Engineer; and
- Demonstration that all instrumentation controls and alarm functions were operating properly.

The GC submitted field reports to D&B at the end of each day during the AS system testing. These reports documented the results of all pressure, temperature and flow rate measurements for that day. A final report summarizing all activities completed during the performance test was submitted within 1 week after the completion of the AS system performance test, in accordance with the Contract Documents and is included in Appendix F.

4.0 POST-CONSTRUCTION OPERATION, MAINTENANCE AND MONITORING

In accordance with the Contract Documents, the GC was responsible for all operation, maintenance and monitoring of the SVE/AS treatment system for a period of 3 years following satisfactory completion of all SVE/AS performance testing and acceptance by the NYSDEC.

The GC completed initial weekly monitoring of the SVE/AS system during the first 6 weeks of the operating period. The responsibilities of the GC during this initial operation period included the following:

- Weekly progress monitoring of the SVE/AS system, with monitoring conducted as during the performance tests (described in Sections 3.1.1 and 3.2.1);
- Collection and analysis of groundwater samples from monitoring wells ASM-1 and ASM-2, once every 2 weeks following a 24-hour shutdown of the AS system; and
- Submission of a progress report summarizing the results of the monitoring program, at a frequency of once every 2 weeks.

Upon completion of the initial weekly monitoring period for the SVE/AS system, the GC initiated the routine operational monitoring for the remaining duration of the 3-year monitoring period. Responsibilities of the GC during the routine operating period included the following:

- Progress monitoring of the SVE/AS system, with monitoring conducted as during the performance tests, at a frequency of twice per month;
- Monthly collection and analysis of groundwater samples from monitoring wells ASM-1 and ASM-2;
- Collection and analysis of groundwater samples from monitoring wells FC-1 and FC-2, once during the routine monitoring period, as directed by the NYSDEC;
- Maintenance of all SVE/AS system equipment in accordance with manufacturers' recommendations to achieve the remediation requirements specified in the Contract Documents;
- Procurement of all materials associated with operation, maintenance and monitoring of the SVE/AS system;

- Response to system alarm conditions from the autodialer system and restart of the system within 24 hours;

- Proper characterization and off-site disposal of all waste generated; and

- Submission of a monthly progress report summarizing the results from the above listed events.

All weekly and monthly post-construction progress monitoring reports prepared by the GC and submitted to D&B are included in Appendix G.

5.0 POST-REMEDIATION SHUTDOWN

In accordance with the requirements of the Contract Documents, a post-remediation shutdown sampling program was conducted to document groundwater, soil vapor, subsurface soil and indoor air conditions, and confirm that the specified remedial objectives were achieved. The following provides a summary of each phase of the post-remediation shutdown sampling program, as well as a summary of the final decommissioning services performed at the site.

5.1 Groundwater Sampling

Groundwater samples were collected by the GC on April 20, 2005 from the two on-site monitoring wells (ASM-1 and ASM-2) to determine if specified groundwater remediation objectives were achieved (concentration of tetrachloroethene measured in on-site groundwater monitoring wells not to exceed 5 ug/l). Groundwater samples were also collected from the two off-site monitoring wells (FC-1 and FC-2), to determine water quality upgradient and downgradient of the site. Groundwater samples were collected approximately 2 weeks after temporary shutdown of the SVE/AS system. The groundwater samples were collected in accordance with the requirements of the Contract Documents. All purge water generated during the sampling was containerized in 55-gallon drums and was disposed off-site in accordance with the GC's approved Work and Waste Handling Plan. Samples were submitted to a laboratory for analysis of Target Compound List (TCL) VOCs via NYSDEC ASP Method OLMO4.2, iron and manganese. Split samples were also collected by D&B. A summary of the VOC results is provided in Table 5-1.

5.2 Soil Vapor Sampling

Soil vapor samples were collected by the GC on May 4, 2005 from each of the SVE wells (SVE-1 and SVE-2) to document soil vapor contaminant levels present in on-site soil. The samples were collected by restarting the SVE system for a short period of time and sampling both SVE wells immediately upon start-up. The SVE system was shutdown after collecting the samples. Samples were submitted to a laboratory for analysis of VOCs via Method TO-17. Split samples were also collected by D&B. A summary of the VOC results is provided in Table 5-2.

TABLE 5-1
POST-REMEDIATION GROUNDWATER SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	ASM-1	ASM-1	ASM-2	ASM-2	FC-1	FC-1	FC-2	FC-2	NYSDEC CLASS GA
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	GROUNDWATER
DATE OF COLLECTION	4/20/2005	4/20/2005	4/20/2005	4/20/2005	4/20/2005	4/20/2005	4/20/2005	4/20/2005	STANDARDS AND
COLLECTED BY	EP&S	D&B	EP&S	D&B	EP&S	D&B	EP&S	EP&S	GUIDANCE VALUES
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOCs									
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	5 ST
Chloromethane	U	U	U	U	U	U	U	U	--
Vinyl chloride	U	U	U	U	U	U	U	U	2 ST
Bromomethane	U	U	U	U	U	U	U	U	5 ST
Chloroethane	U	U	U	U	U	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	5 ST
Acetone	U	U	U	U	U	U	U	U	50 GV
Carbon disulfide	U	U	U	U	U	2 J	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	U	U	5 ST
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	U	5 ST
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	5 ST
2-Butanone	U	U	U	U	U	U	U	U	50 GV
Chloroform	U	U	U	U	U	U	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	U	U	5 ST
Benzene	U	U	U	U	U	U	U	U	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	0.6 ST
Trichloroethene	U	U	U	U	U	U	U	U	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	0.4 ST
4-Methyl-2-pentanone	U	U	U	U	U	U	U	U	--
Toluene	U	U	U	U	U	U	U	U	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	0.4 ST
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	1 ST
Tetrachloroethene	U	U	3.2 J	U	U	U	U	U	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	5 ST
Chlorobenzene	U	U	U	U	U	U	U	U	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	5 ST
Xylene (total)	U	U	U	U	U	U	U	U	5 ST
Styrene	U	U	U	U	U	U	U	U	5 ST
Bromoform	U	U	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	5 ST

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

ABBREVIATIONS:

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated

TABLE 5-2
POST-REMEDIATION SOIL VAPOR SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	SVE-1	SVE-1	SVE-2	SVE-2
SAMPLE TYPE	AIR	AIR	AIR	AIR
DATE OF COLLECTION	5/3/2005	5/3/2005	5/3/2005	5/3/2005
COLLECTED BY	EP&S	D&B	EP&S	D&B
UNITS	ppb_v	ppb_v	ppb_v	ppb_v
VOCs				
Dichlorodifluoromethane	U	U	U	U
Chloromethane	U	U	U	U
Vinyl chloride	U	U	U	U
Bromomethane	U	2.75 B	U	8.77 AB
Chloroethane	U	U	U	U
Trichlorofluoromethane	U	U	U	U
1,1-Dichloroethene	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U
Acetone	0.54	0.29 J	0.71	0.61
Carbon disulfide	U	U	U	U
Methyl acetate	U	U	U	U
Methylene chloride	U	1.03	U	1.32
trans 1,2-Dichloroethene	U	U	U	U
Methyl-tert butyl ether	U	U	U	U
1,1-Dichloroethane	U	U	U	U
cis-1,2-Dichloroethene	U	0.10 J	U	U
2-Butanone	U	U	U	U
Chloroform	U	0.04 J	U	0.12 J
1,1,1-Trichloroethane	U	0.32	U	U
Cyclohexane	U	U	U	U
Carbon tetrachloride	U	U	U	U
Benzene	U	0.09 JB	U	0.09 JB
1,2-Dichloroethane	U	U	U	U
Trichloroethene	U	0.05 J	0.93	0.45
Methylcyclohexane	U	U	U	U
1,2-Dichloropropane	U	U	U	U
Bromodichloromethane	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U
4-Methyl-2-pentanone	U	U	U	U
Toluene	U	0.15 J	U	0.18 J
trans-1,3-Dichloropropene	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U
Tetrachloroethene	2.3	7.00 A	12.83 E	41.57 A
2-Hexanone	U	U	U	U
Dibromochloromethane	U	U	U	U
1,2-Dibromoethane	U	U	U	U
Chlorobenzene	U	U	U	U
Ethylbenzene	U	U	U	U
Xylene (total)	U	0.07 J	U	0.13 J
Styrene	U	U	U	U
Bromoform	U	U	U	U
Isopropylbenzene	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U

ABBREVIATIONS:

ppb_v = part per billion by volume

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
B: Compound detected in method blank
A: Concentration exceeds the instrument calibration range or below the reporting limit.
E: Result exceeds the calibration range, secondary dilution required.

5.3 Subsurface Soil Sampling

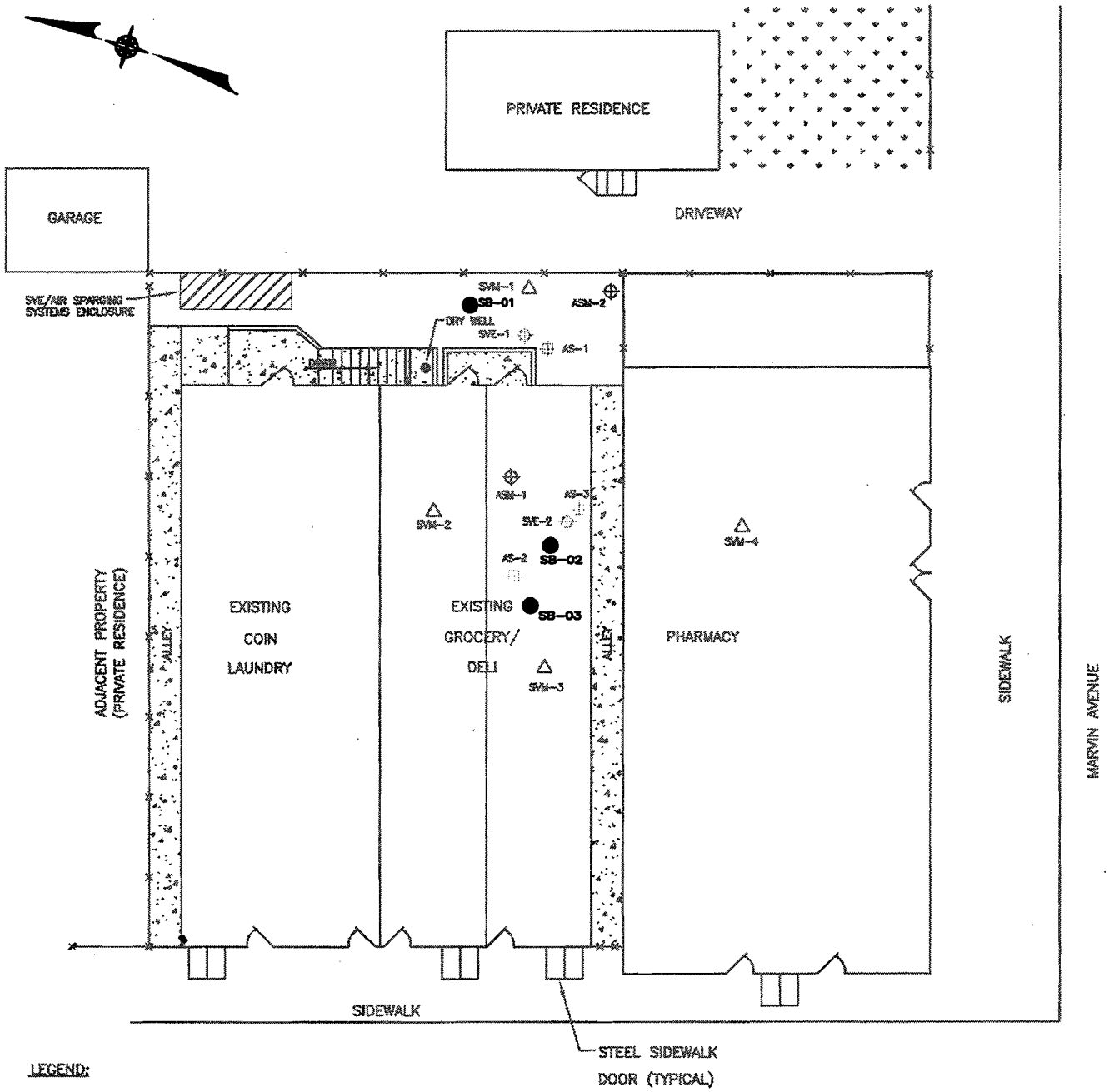
Subsurface soil samples were collected by the GC from June 28 through 29, 2005 from three locations (SB-01 through SB-03) located within the radius of influence of the SVE/AS system. The approximate location of each subsurface soil boring is shown on Figure 5-1. All soil borings were performed by the GC.

The soil borings were drilled using 2 1/4-inch macro-cores and split-spoon soil sampling was completed continuously in each location. Copies of the soil boring logs are included in Appendix E. Samples were monitoring for the presence of VOCs using a PID. A soil sample at several of the sampling intervals was submitted to a laboratory for analysis of VOCs by NYSDEC ASP Method OLMO4.2. Split samples were also collected by D&B. A summary of the VOC results is provided in Table 5-3.

5.4 Indoor Air Sampling

An indoor air sampling program was conducted by D&B in accordance with the work assignment issued to D&B for construction inspection services. The program was conducted in order to determine concentrations of PCE in indoor air within the building at the Franklin Cleaners site. The program consisted of an initial baseline sampling event conducted in July 2001, prior to the construction of the SVE/AS system, a second sampling event conducted after the initial shutdown of the SVE/AS system in August 2005 to determine whether operation of the system had affected air quality in the on-site building and nearby structures, and a third sampling event conducted after the installation of an on-site sub-slab depressurization system and final shutdown of the SVE/AS system in February through March 2007.

During the initial and second sampling events, 17 indoor air sampling badges were placed by D&B within the laundromat, delicatessen and second floor apartments located at 206/208 South Franklin Street, the pharmacy, Chinese takeout restaurant, hair salon and second floor office space located at 210 South Franklin Street, and the private residence located at 13 Marvin



LEGEND:

- FENCING
- EXISTING CONCRETE
- SVM-1 — VAPOR MONITORING PROBE
- ASM-1 — GROUNDWATER MONITORING WELL
- SVE-1 — SOIL VAPOR EXTRACTION WELL
- AS-1 — AIR SPARGE WELL
- SB-01 — CONFIRMATORY SOIL SAMPLE LOCATION

*NOTE: LOCATIONS OF ALL WELLS AND PROBES ARE APPROXIMATE.

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SCALE IN FEET

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

SUBSURFACE SOIL BORING SAMPLE LOCATION MAP

FIGURE 5–1

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TABLE 5-3
POST-REMEDIATION SUBSURFACE SOIL SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	SB-01 (3-4)	SB-01 (10-12)	SB-01 (20-22)	SB-01 (20-22)	SB-02 (2.5-4.5)	SB-02 (6.5-8.5)
SAMPLE TYPE	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
DATE OF COLLECTION	6/28/2005	6/28/2005	6/29/2005	6/29/2005	6/29/2005	6/29/2005
COLLECTED BY	EP&S	EP&S	EP&S	D&B	EP&S	EP&S
UNITS	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
VOCs						
Dichlorodifluoromethane	U	U	U	U	U	U
Chloromethane	U	U	U	U	U	U
Vinyl chloride	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U
Trichlorofluoromethane	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U
Acetone	U	14 J	U	U	U	U
Carbon disulfide	U	U	U	U	U	U
Methyl acetate	U	U	U	U	U	U
Methylene chloride	U	U	U	2 J	U	U
trans 1,2-Dichloroethene	U	U	U	U	U	U
Methyl-tert butyl ether	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U
2-Butanone	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U
Cyclohexane	U	U	U	U	U	U
Carbon tetrachloride	U	U	U	U	U	U
Benzene	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U
Methylcyclohexane	U	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U	U
4-Methyl-2-pentanone	U	U	U	U	U	U
Toluene	U	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U
Tetrachloroethene	0.95 J	U	U	4 J	U	U
2-Hexanone	U	U	U	U	U	U
Dibromochloromethane	U	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U
Xylene (total)	U	U	U	U	U	U
Styrene	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U
Isopropylbenzene	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U	U

ABBREVIATIONS:

ug/kg = Micrograms per kilogram

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated

TABLE 5-3 (CONTINUED)
POST-REMEDIATION SUBSURFACE SOIL SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	SB-02 (10.5-12.5)	SB-02 (10.5-12.5)	SB-03 (2.5-4.5)	SB-03 (6.5-8.5)	SB-03 (10-12)	SB-03 (10-12)
SAMPLE TYPE	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
DATE OF COLLECTION	6/30/2005	6/30/2005	6/30/2005	6/30/2005	6/30/2005	6/30/2005
COLLECTED BY	EP&S	D&B	EP&S	EP&S	EP&S	D&B
UNITS	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
VOCs						
Dichlorodifluoromethane	U	U	U	U	U	U
Chloromethane	U	U	U	U	U	U
Vinyl chloride	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U
Trichlorofluoromethane	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U
Acetone	U	5 J	U	U	U	5 J
Carbon disulfide	U	U	U	U	U	U
Methyl acetate	U	U	U	U	U	U
Methylene chloride	2.1 JB	2 J	U	U	U	2 J
trans 1,2-Dichloroethene	U	U	U	U	U	U
Methyl-tert butyl ether	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U
2-Butanone	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U
Cyclohexane	U	U	U	U	U	U
Carbon tetrachloride	U	U	U	U	U	U
Benzene	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U
Methylcyclohexane	U	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U	U
4-Methyl-2-pentanone	U	U	U	U	U	U
Toluene	U	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U
Tetrachloroethene	1.6 J	1.6 J	U	U	U	3 J
2-Hexanone	U	U	U	U	U	U
Dibromochloromethane	U	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U
Xylene (total)	U	U	U	U	U	U
Styrene	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U
Isopropylbenzene	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U	U

ABBREVIATIONS:

ug/kg = Micrograms per kilogram

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated

Avenue. During the third sampling event, only 8 indoor air sampling badges were placed by D&B within the laundromat, delicatessen and second floor apartments located at 206/208 South Franklin Street. Air sample locations are shown on Figure 5-2. The air samples were collected using Passive Sampling Devices (Model 3500) manufactured by 3M Corporation. After approximately 24 hours of exposure, the samples were submitted to Galson Laboratories for laboratory analysis of PCE by New York State Department of Health (NYSDOH) Method 311-9. The analytical results from each indoor air sampling event are summarized in Table 5-4.

To evaluate whether significant concentrations of VOCs were present in soil vapor beneath the on-site building, a sub-slab vapor sampling program was implemented in conjunction with the August 2005 indoor air sampling event. Sub-slab vapor sample locations are shown on Figure 5-2. The sub-slab samples were collected from temporary soil vapor points using 24-hour regulated Summa canisters. The probes were constructed of laboratory-grade polyethylene tubing and were sealed to the building foundation with beeswax. The samples were submitted for laboratory analysis of VOCs by United States Environmental Protection Agency (USEPA) Method TO-15. The analytical results for the sub-slab soil vapor samples are summarized in Table 5-5.

5.5 Final Decommissioning Services

5.5.1 Sub-Slab Depressurization System

After completion of the second sampling event, the SVE system was restarted by the GC due to high PCE concentrations within indoor air and sub-slab soil vapor. As a result, the NYSDEC issued a separate work assignment to D&B for design and construction inspection services for installation of a sub-slab depressurization system within the basement of the laundromat and delicatessen, located at 206/208 South Franklin Street, to mitigate the high PCE concentrations within the sub-slab soil vapor. The sub-slab depressurization system was installed by EnviroTrac, Ltd., a subcontractor to D&B. The system was installed and put into operation in February 2007. A copy of the sub-slab depressurization system construction inspection report can be found in Appendix F.

TABLE 5-4
POST-REMEDIATION AMBIENT AIR SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

Sample Location	Sample Designation	GPS Coordinates of Sampling Location	Sample Dates and PCE Results * 7/9/01 - 7/11/01 (Baseline)	Sample Dates and PCE Results * 8/10/05 - 8/11/05	Sample Dates and PCE Results * 2/28/07 - 3/1/07
206 S. Franklin Street - Laundromat (Basement), Near Work Bench	PSD-1	40°41.940 N (Lat.) 073°37.378 W (Long.)	729	38	12
206 S. Franklin Street - Laundromat (1st Floor), Door to Basement	PSD-2	40°41.940 N (Lat.) 073°37.378 W (Long.)	334	17	10
206-208 S. Franklin Street - Apartment # 2 (2nd Floor), Living Room	PSD-3	40°41.940 N (Lat.) 073°37.378 W (Long.)	9.5 / 10 [1]	1.4 / 1.4 [1]	26 [3]
206-208 S. Franklin Street - Apartment # 4 (2nd Floor), Living Room	PSD-4	40°41.940 N (Lat.) 073°37.378 W (Long.)	4.5	3.1	10
208 S. Franklin Street - Franklin Deli (North Basement), Near Grease Trap	PSD-5	40°41.940 N (Lat.) 073°37.378 W (Long.)	933	75	14 / 13 [1]
208 S. Franklin Street - Franklin Deli (South Basement), Near Lighting Fixture	PSD-6	40°41.940 N (Lat.) 073°37.378 W (Long.)	774	128	14
208 S. Franklin Street - Franklin Deli (1st Floor), Deli Kitchen	PSD-7	40°41.940 N (Lat.) 073°37.378 W (Long.)	31 / 34 [1]	7.6 / 8.1 [1]	87
208 S. Franklin Street - Franklin Deli (Rear Yard), Mid	PSD-8	40°41.952 N (Lat.) 073°37.357 W (Long.)	12	2.4	< 1.4
210 S. Franklin Street - Shipman's Pharmacy (Basement), Foot of Basement Stairs	PSD-9	40°41.934 N (Lat.) 073°37.3363 W (Long.)	566	21	NS
210 S. Franklin Street - Shipman's Pharmacy (Basement), Furnace Room	PSD-10	40°41.934 N (Lat.) 073°37.3363 W (Long.)	831	28	NS

QUALIFIERS/ABBREVIATIONS:

* - All results reported in ug/m^3.

[1] Sample collected in duplicate (Sample A/Sample B).

[2] Field blank concentration recorded in micrograms.

[3] Sample taken from Apartment #1 (located on South side of building) due to access constraints.

NA - Not Applicable.

NS - Not sampled

NOTES:

- All samples were analyzed in accordance with New York State Department of Health (NYSDOH) Method 311-9

- NYSDOH Residential Guidance Value for PCE in indoor air is 100 ug/m^3.

SEQUENCE OF SITE EVENTS:

- Soil Vapor Extraction (SVE)/Air Sparge (AS) System initially started up September 02, 2003.

- AS System shutdown on August 30, 2004.

- SVE System shutdown on April 20, 2005.

- SVE System restarted on August 31, 2005 due to elevated PCE concentrations detected in indoor air and sub-slab soil vapors, as detected during the indoor air sampling event conducted on August 10 through 11, 2005.

- Sub-slab depressurization (SSD) system initiated on January 17, 2007 at the site to address elevated PCE concentrations detected in indoor air and sub-slab vapors. Existing SVE System shutdown upon start-up of SSD system.

- SVE System shutdown and SVE/AS System decommissioned on January 17, 2007 after installation of sub-slab depressurization system.

TABLE 5-4 (CONTINUED)
POST-REMEDIATION AMBIENT AIR SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

Sample Location	Sample Designation	GPS Coordinates of Sampling Location	Sample Dates and PCE Results * 7/9/01 - 7/11/01 (Baseline)	Sample Dates and PCE Results * 8/10/05 - 8/11/05	Sample Dates and PCE Results * 2/28/07 - 3/1/07
210 S. Franklin Street - Shipman's Pharmacy (1st Floor), Backroom Shelves	PSD-11	40°41.934 N (Lat.) 073°37.3363 W (Long.)	27	1.1	NS
212 S. Franklin Street - Chinese Restaurant (1st Floor), Kitchen Rear Door	PSD-12	40°41.930 N (Lat.) 073°37.358 W (Long.)	34 / 35[1]	1.6	NS
7 Marvin Avenue - Former Guiding Light Tabernacle (2nd Floor), Hallway	PSD-13	40°41.935N (Lat.) 073°37.345 W (Long.)	7.5	1.6	NS
9 Marvin Avenue - Nate's Hair Salon (1st Floor), Backroom	PSD-14	40°41.935N (Lat.) 073°37.345 W (Long.)	17	1.7	NS
13 Marvin Avenue - Private Residence (Basement), Mid	PSD-15	40°41.942 N (Lat.) 073°37.357 W (Long.)	14 / 16[1]	1.7 / 1.7[1]	NS
13 Marvin Avenue - Private Residence (1st Floor), Living Room	PSD-16	40°41.942 N (Lat.) 073°37.357 W (Long.)	4.3	1.4	NS
13 Marvin Avenue - Private Residence (Front Yard), Above Front Door Stoop	PSD-17	40°41.942 N (Lat.) 073°37.357 W (Long.)	1.7	1.1	NS
Field Blank	Field Blank	NA	< 0.03 [2]	< 0.03 [2]	< 0.03 [2]

QUALIFIERS/ABBREVIATIONS:

* - All results reported in ug/m^3.

[1] Sample collected in duplicate (Sample A/Sample B).

[2] Field blank concentration recorded in micrograms.

[3] Sample taken from Apartment #1 (located on South side of building) due to access constraints.

NA - Not Applicable.

NS - Not sampled

NOTES:

- All samples were analyzed in accordance with New York State Department of Health (NYSDOH) Method 311-9
- NYSDOH Residential Guidance Value for PCE in indoor air is 100 ug/m^3.

SEQUENCE OF SITE EVENTS:

- Soil Vapor Extraction (SVE)/Air Sparge (AS) System initially started up September 02, 2003.
- AS System shutdown on August 30, 2004.
- SVE System shutdown on April 20, 2005.
- SVE System restarted on August 31, 2005 due to elevated PCE concentrations detected in indoor air and sub-slab soil vapors, as detected during the indoor air sampling event conducted on August 10 through 11, 2005.
- Sub-slab depressurization (SSD) system initiated on January 17, 2007 at the site to address elevated PCE concentrations detected in indoor air and sub-slab vapors. Existing SVE System shutdown upon start-up of SSD system.
- SVE System shutdown and SVE/AS System decommissioned on January 17, 2007 after installation of sub-slab depressurization system.

TABLE 5-5
POST-REMEDIATION SUB-SLAB SOIL VAPOR SAMPLING RESULTS
FRANKLIN CLEANERS SITE (ON-SITE)

SAMPLE ID	SSVS-01	SSVS-02
SAMPLE TYPE	AIR	AIR
DATE OF COLLECTION	8/11/2005	8/11/2005
COLLECTED BY	D&B	D&B
DILUTION FACTOR	4	4
UNITS	(ug/m^3)	(ug/m^3)
VOCs		
Dichlorodifluoromethane	U	U
Chloromethane	U	U
Vinyl Chloride	U	U
Bromomethane	U	U
Chloroethane	U	U
Trichlorofluoromethane	U	U
Isopropyl Alcohol	5.4	7.4
Dichlorotetrafluoroethane	U	U
1,1,2-Trichlorotrifluoroethane	U	U
Propene	U	U
Heptane	8.6	9.0
1,1-Dichloroethene	U	U
Ethyl Acetate	U	U
Acetone	26.2	50.0
Carbon disulfide	U	U
Methyl tert-butyl Ether	U	U
Methylene Chloride	U	U
trans-1,2-Dichloroethene	U	U
Vinyl Acetate	U	U
1,1-Dichloroethane	U	U
Cyclohexane	U	U
2-Butanone	6.8	14.5
Carbon Tetrachloride	U	U
cis-1,2-Dichloroethene	U	U
Chloroform	7.8 J	14.7
1,4-Dioxane	U	U
1,1,1-Trichloroethane	U	4.4 J
Tetrahydrofuran	2.4 J	U
2,2,4-Trimethylpentane	U	U
Benzene	U	3.2 J
1,2-Dichloroethane	U	U
Trichloroethene	9.7 J	35.0
1,2-Dichloropropane	U	U
Bromodichloromethane	U	U
4-Methyl-2-Pentanone	U	U
Toluene	10.2	9.4
trans-1,3-Dichloropropene	U	U
cis-1,3-Dichloropropene	U	U
1,1,2-Trichloroethane	U	U
2-Hexanone	U	U
Dibromochloromethane	U	U
1,2-Dibromoethane	U	U
Tetrachloroethene	2,446.2 D	3,533.4 D
Chlorobenzene	U	U
Ethyl Benzene	U	U
m/p-Xylene	U	4.8 J
o-Xylene	U	U
Styrene	U	U
Bromoform	U	U
1,1,2,2-Tetrachloroethane	U	U
1,3,5-Trimethylbenzene	U	U
1,2,4-Trimethylbenzene	U	4.4 J
4-Ethyltoluene	U	U
1,3-Dichlorobenzene	U	U
1,4-Dichlorobenzene	U	U
1,2-Dichlorobenzene	U	U
1,2,4-Trichlorobenzene	U	U
Hexachloro-1,3-butadiene	U	U
1,3-Butadiene	U	U
Hexane	14.5	6.0 J
Benzyl Chloride	U	U
Total VOCs	2,537.8	3,696.2

ABBREVIATIONS:
ug/m^3 - Micrograms per cubic meter

QUALIFIERS:
U: Compound analyzed for but not detected.
D: Result taken from reanalysis at a secondary dilution
J: Compound found at a concentration below CRDL, value estimated

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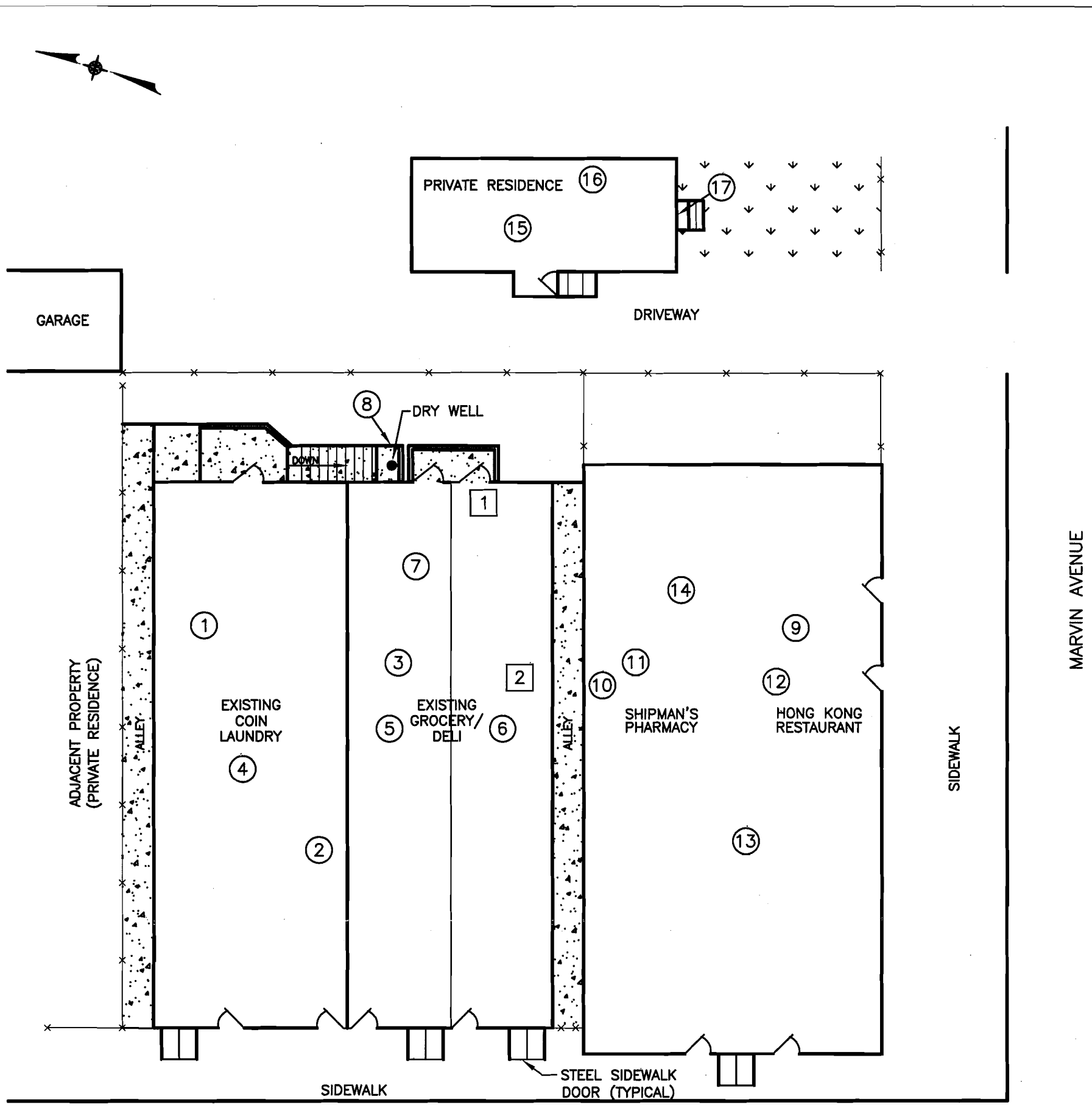

SAMPLE LOCATION DESCRIPTIONS

(1) 206 S. Franklin Street – Laundromat (Basement), Near Workbench
(2) 206 S. Franklin Street – Laundromat (1st Floor), Door to Basement
(3) 206–208 S. Franklin Street – Apartment # 2 (2nd Floor), Living Room
(4) 206–208 S. Franklin Street – Apartment # 4 (2nd Floor), Living Room
(5) 208 S. Franklin Street – Franklin Deli (North Basement), Near Grease Trap
(6) 208 S. Franklin Street – Franklin Deli (South Basement), Near Lighting Fixture
(7) 208 S. Franklin Street – Franklin Deli (1st Floor), Deli Kitchen
(8) 208 S. Franklin Street – Franklin Deli (Rear Yard), Mid
(9) 210 S. Franklin Street – Shipman's Pharmacy (Basement), Foot of Basement Stairs
(10) 210 S. Franklin Street – Shipman's Pharmacy (Basement), Furnace Room
(11) 210 S. Franklin Street – Shipman's Pharmacy (1st Floor), Backroom Shelves
(12) 212 S. Franklin Street – Chinese Restaurant (1st Floor), Kitchen Rear Door
(13) 7 Marvin Avenue – Former Guiding Light Tabernacle (2nd Floor), Hallway
(14) 9 Marvin Avenue – Nate's Hair Salon (1st Floor), Backroom
(15) 13 Marvin Avenue – Private Residence (Basement), Mid
(16) 13 Marvin Avenue – Private Residence (1st Floor), Living Room
(17) 13 Marvin Avenue – Private Residence (Front Yard), Above Front Door Stoop
[1] 208 S. Franklin Street – Franklin Deli (South Basement)
[2] 208 S. Franklin Street – Franklin Deli (South Basement)

LEGEND

(1) Passive Air Sampling Device Location
[1] Sub–Slab Soil Vapor Sampling Location

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SCALE IN FEET

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

INDOOR AIR/SUB-SLAB SAMPLE LOCATION MAP

FIGURE 5-2

5.5.2 SVE/AS System Decommission

The SVE/AS system was shutdown and decommissioned in March 2007 after the sub-slab depressurization system was put into operation. Decommission of the SVE/AS system included the following:

- Cutting, capping, removal and off-site disposal of all aboveground piping located in the basement of the delicatessen and in the rear of the building.
- Disconnection of electric and telephone services from the SVE/AS system enclosure.
- Removal of the SVE/AS system enclosure and all associated equipment.
- Cutting and capping all SVE well heads, AS well heads and SVM probes.
- Removal and off-site disposal of NYSDEC sign.
- Removal and off-site disposal of drums of used PPE.

6.0 CHANGE ORDERS

Nine Change Orders were issued to the GC by the NYSDEC for additional work completed in support of the SVE/AS system construction. The change orders issued are summarized below:

- Change Order No. 1: A change order was issued to remove and grind a stump located in the rear of the building, and clean up all resulting debris. The cost of this change order was an additional $367.50 lump sum increase based on the additional labor, equipment and material costs.

- Change Order No. 2: A change order was issued to address an increase in the height of the rear stem wall due to an increase in the rear property grade. The cost of this change order was an additional $1,680.00 lump sum increase based on the additional labor, equipment and material costs.

- Change Order No. 3: A change order was issued to address the regrading of the northeast portion of the site to prevent flooding in the area of the former drywell. The cost of this change order was an additional $997.50 lump sum increase based on the additional labor, equipment and material costs.

- Change Order No. 4: A change order was issued to address the patching of two holes identified in the basement floor outside the area designated to be repaired in the Contract Specifications. The cost of this change order was an additional $735.00 lump sum increase based on the additional labor, equipment and material costs.

- Change Order No. 5: A change order was issued to investigate a potential spill situation discovered in the rear of the site during the SVE/AS construction. As a result of the investigation, a can of lacquer and associated contaminated soil were containerized and transported off-site for disposal. The cost of this change order was an additional $1,237.75 lump sum increase based on the additional labor, equipment, disposal and material costs.

- Change Order No. 6: A change order was issued to remove the system enclosure concrete pad from the Contract Specifications. The system enclosure was placed directly on the restored asphalt. The cost of this change order was a lump sum decrease of $2,100.00.

- Change Order No. 7: A change order was issued to extend the awning an additional 17 feet to cover the entire length of the rear stairwell. The cost of this change order was an additional $2,887.50 lump sum increase based on the additional labor, equipment and material costs.

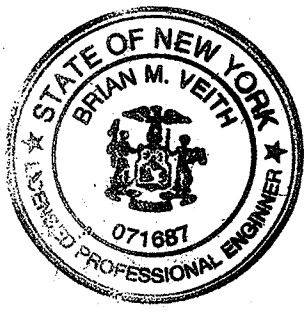
- Change Order No. 8: A change order was issued to install two temporary stick-up shallow vapor monitoring probes to measure the vacuum influence directly beneath the basement floor slab. The cost of this change order was an additional $1,293.60 lump sum increase based on the additional labor, equipment and material costs.

- Change Order No. 9: A change order was issued to install two additional light fixtures and an associated light switch. The cost of this change order was an additional $504.00 lump sum increase based on the additional labor, equipment and material costs.

The overall net increase of the original contract price due to all Change Orders was $7,602.85.

7.0 CERTIFICATIONS

Construction was completed at the Franklin Cleaners Site in accordance with the Contract Documents entitled: Franklin Cleaners Site, Site Number 1-30-050, Incorporated Village of Hempstead, Nassau County, New York, dated June 2000, as well as all approved changes as noted in this report.



P.E. Seal

Dvirka and Bartilucci Consulting Engineers
330 Crossways Park Drive
Woodbury, New York 11797

Signed: Brian Veith

Dated: 4/5/2012

Appendix A

APPENDIX A

CONSTRUCTION INSPECTION REPORTS

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 2/27/03

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast ✓	Rain	Snow
TEMP.	To 32 ✓	32-50	50-70	70-85	85+up
WIND	Still ✓	Moder.	High	Report No. 1	
HUMIDITY	Dry ✓	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Beaver John Pecori	EPS (HSO) ↓ (site man.)	

VISITORS

Time	Name	Representing	Remarks
1300 - 1530	S Tauss	D+B	
1300 - 1530	F. DeVita		

EQUIPMENT AT THE SITE:

EPS van

MATERIALS:

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2 Field Office
3 File

BY S Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 1

NYSDEC # 1-30-050 DATE 2/27/03

CONSTRUCTION ACTIVITIES:

Meet w/ EPS, Tour site, Discuss site activities
Begin installation of Temp facilities
Review project signs
Must put DEC phone # on office sign
must put "1986" on Project sign not "1966"
Tour sign & look at proposed well locations
Discuss grading techniques in rear
Dale proposes to dismantle outer sign, store it & replace it at completion
Frank proposes to change lock by dry well on basement door to 24hr access.
Temp in office may be an issue (very cold) spec says it must be 70°.

pic #1 proposed location of vapor mon. point in Pharm. basement
#2 back end of deli
#3 holes in deli basement floor
#4 proposed A.S well location & grade in deli basement (access trouble)
#5 outer fence to be replaced
#6 office sign (no DEC phone #)
#7 back of buildings

DISTRIBUTION
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PAGE 2 OF 2 PAGES

BY S Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

DATE 2/28/03

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast ✓	Rain	Snow
TEMP.	To 32 —	32-50	50-70	70-85	85+up
WIND	Still	Moder. —	High	Report No. 2	
HUMIDITY	Dry	Moder. —	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brauc John Pecori Ned Myer Juan Tolido Joseph Clark	EPS (H50) ↓ (Site Man.) Hoosier Tree Service ↓	

VISITORS

Time	Name	Representing	Remarks
0700-1415	S. Tauss	D+B	

EQUIPMENT AT THE SITE:

Bucket truck, grinder & 1 ton pick up, Chipper, EPS Van

MATERIALS:

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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 2

NYSDEC # 1-30-050 DATE 2/28/03

CONSTRUCTION ACTIVITIES:

Set up office space

Notify Nat (@ Salon) that we will remove & ~~replace~~ reinstall gate, he agrees.

Dismantle fence, store liner on site

Meeting Haider & take tree down in rear of buildings.

Install project sign.

pic #8 Tree behind Pharm before removal
pic #9 completion of tree removal
pic #10 Installed project sign.

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BY S Tanys TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 3/3/03

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32 ✓	32-50	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 3	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braun EPS	HSO	
John Pucci ↓	Site Man.	
S. Tauss DvB	Inspector	
~~Steve Gregorelli~~	~~Bldg Owner~~	
Stan Miles Miles Fence Co.	owner/laborer	

VISITORS

Time	Name	Representing	Remarks
0900 - 0930	Steve Gregorelli	Bldg Owner	

EQUIPMENT AT THE SITE:

Ford Van EPS
Pickup truck Miles Fence Co
impact hammer

MATERIALS:

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 3

NYSDEC # 1-30-050 DATE 3/3/03

CONSTRUCTION ACTIVITIES:

Coordinate w/ Waste Management & Verizon for roll off delivery & phone service.
Miles Fence Co. (Stan Miles) on site 0900. Notifies us the fence is on the Residential property. ~~Call~~ Call Jeff Tradd & he tells us to proceed as planned regardless of property line.
Owner Steve Gregoretti onsite 0900, gives us access keys to back door in front of dry well & approved us to lock it from the outside w/ a padlock he would provide.
Miles Fence Co ~~dismantles~~ remove & dispose existing fence approx 60'-5~~8~~'
Spec for fence was changed & N. side no longer extends to sidewalk & ~~only~~ the corner will be extended about 3'1/2" or so to the adjacent garage & a gate will be placed on the N side of the laundry mat to the adjacent garage.
1210 find asbestos piping, notify Frank D. & Jeff, Jeff says to notify the owner & leave it alone. Miles says construction of fence will begin 3/4/03 & likly take 2-3 days.
1220 Waste Management (Lenny) shows up w/ a roll off which is too big to fit in the alley & a permit is not an option (for placing the roll-off in the street) as per the town. Must wait until morning for a smaller roll off
1340 Remove sign & put TV on curb for pick up
1400 Remove debris from dry well & find it is a 30" opening not a 10"
1430 Notify Jeff about Dry well

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DAILY CONSTRUCTION REPORT

DATE 3/4/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still ✓	Moder.	High	Report No. 4	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braun EPS	HSO	
John Acori	Site Man.	
Ryan Nowak	laborer	
Dave	laborer	
Stan Miles Miles Fence Co.	owner/laborer	
S. Tauss D+B	Inspector	
Lenny waste Management	laborer	

VISITORS

Time	Name	Representing	Remarks
0745	Frank DeVita	D+B	
0315			

EQUIPMENT AT THE SITE:

EPS Fuel Van + F350 Box Truck
Miles Fence Co. Flat Bed truck + Pick up truck
10 yard Roll off

MATERIALS:

Gas powered circular pipe saw electric impact Hammer
Pipes concrete + fencing materials

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 4

NYSDEC # 1-30-050 DATE 3/4/03

CONSTRUCTION ACTIVITIES:

0730 Last movement on site (Clean) other roll-off in alley.
Miles Fence Co on site (Stan Miles) to dig post holes & set posts for installation of Fencing.
0745 Dale & Frank Divilio agree to use Tan, winged privacy slats.

0800 Remove debris from dry well & measure opening ~ 24" round.
Last Remaining fence removed 10'
Ryan & Dave Nowak (CPS) show up & help w/ Removal of debris & clearing & grubbing.
0830 Begin Debris removal
0930 Miles Fence Co. Flat bed truck on site w/ 30 bags concrete, sand, & water
water for concrete frozen & we used sink water for office. Dale says this is worked out w/ owner in Rent, like the electricity

- Dry well concrete Pad dimentions 4½' x 4½'
- water for concrete pulled from bathroom sink. Dale stated it was Okayed w/ owner (included in rent)
- Take pictures of existing damage to neighbors Honda damage to drivers mirror both fenders & quarterpanels & passenger taillight & drivers headlight & hood & both bumpers.

1420 Frank called stated Jeff Trudel said it was okayed to leave post hole cuttings at sight as long as cuttings would be graded & paved over w/ asphalt
- Notice one Carbon Filter not working in Deli Basement.
1510 Frank calls & says Quikcrete is only good for post holes in fence. Spec was approved to use Quikcrete for posts & well pads but not in basement repairs that will be Sikatop.
Frank suggests we get a mixing truck instead of using Quikcrete. He will notify us of any further changes or decisions.
1600 I notice a large crack in the floor immediately inside the basement door to the outside backyard. this is immediately in the area of influence for AS-2, SVE-1, & SVE-2

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BY S. Tangs TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 3/5/03

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain ✓	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 5	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Braun	ESA	ITSO	
John Pecori	↓	Site Man.	
Steve Tanas	D+B	Inspector	
Angelo Locker	City + County Paving Corp.	Man. Laborer	
John H.	Action Awnings + Canopies	Owner / laborer	

VISITORS

Time	Name	Representing	Remarks
1000-1045	Chris Contour	Stan Goyoretti	

EQUIPMENT AT THE SITE:

EPS Ford Van
Pick up Truck (Action Awnings + Canopies)

MATERIALS:

Awnings

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BY S. Tanas TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 5

NYSDEC # 1-30-050 DATE 3/5/03

CONSTRUCTION ACTIVITIES:

0745 Dale worried about flooding in rear of laundromat. & Suggests awning extend to cover ~~all~~ all areas of concrete contributing to run-off at dry well.
0800 Meet w/ City & Court Paving Corp. (Angelo Locker) tour site & show him holes to be patched in basement.
0830 Notice significant flooding in the S E corner of basement & at basement door in front of dry well location. Trace bulk of problem to broken gutter & hole in S E corner of basement. ~~Temp~~ Temp. Fix problem by clogging hole w/ great stuff, and prop up & unclog gutter & create runoff channel w/ wood. Direct runoff water into S. alley.
0830 Dale notifies Steve Gregoricchi about asbestos pipe in S. alley. & gutters need fixing. He said he would have the gutters fixed next day
Continue removal of debris in basement.
Notify Frank that hole directly inside basement door is in influence of 3 wells. (verbally)
Frank states Quikrete is approved for use in all areas outside basement floor repair.
1040 Chris (contour (works for Steve Gregoricchi) says he is concerned that the Fence is too close to the neighbors shed. Steve calls & says ok w/ him to proceed as planned.
1046 Action awnings & Canapies on site John H, Mirek, B.M.
Install awning to spec.
1330 Start Basement floor Repair.
Angelo states the back yard will have to be raised to stop flooding problem. Dale proposes to extend retaining wall & 7 yards of fill will be needed to raise yard. for proper flow patterns.
1350 Angelo takes survey of wall & yard.
1630 Conference call between Dale, Jeff Trad & Frank.
Jeff approved awning expension w/ change order
Jeff approved fixing the hole immediately inside basement door - change order
& advises Dale to create a grading plan for approval for a change order regarding the damage/grading issue.
1830 wrap up & leave site.

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BY S. Tracy TITLE Inspector

Dvirka and Bartilucci
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DAILY CONSTRUCTION REPORT

DATE 3/6/03

DAY: S | M | T | W | TH ✓ | F | S

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain ✓	Snow ✓
TEMP.	To 32 ✓	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 6	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Braue	EPS	HSO	
John Accori	↓	Site man.	
Angelo Cocker	City+County Paving Corp	owner/laborer	
Nate Brisbee	Allstate Power vac.		

VISITORS

Time	Name	Representing	Remarks
0730-0745	Stan Miles	Miles Fence Co.	weather prohibits work (Snow)
15-15-1900	F. DeVita		

EQUIPMENT AT THE SITE:

Power vac truck Mack 328
power saw

MATERIALS:

Silca Top 1/1 vac truck Mack 328

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 6

NYSDEC # 1-30-050 DATE 3/6/03

CONSTRUCTION ACTIVITIES:

-0730 Miles Fence Co on site - said weather prohibits work.
0800 Allstate Power Vac on site Nate Brisbee
shows up w/ 30' of hose - we ordered 100', must wait for extra hose delivery
1010 City + County Paving on site 3 man crew
Continue saw cutting holes + start filling w/ Sikatop 111.
1150 UPS Delivery of well screens - wrong screens.
1215 Extra hose for vac truck on site w/ 1 additional laborer.
Start to vac. out dry well - Realize truck is not a "Turbo" vac as ordered
+ cannot produce enough vacuum for work. Must postpone until 3/7/03.
1235 Angelo concerned about finding acceptable fill for grading in rear
we direct him to 110 Sand in Long Island.
1345 Frank calls + will come to site to look at drainage problems in rear.
1400 Dale + I find that hole in basement floor is only impacting SVE-2
- approximately 25 holes found so far. 1415 Allstate offsite.
1510 Angelo is concerned that Quikrete will not hold the proposed retaining wall
to be built in rear, Frank okays a portland mortar.
1525 F. Dvirka on site: Proposes to extend the wall from the stairwell edge
instead of from the angled edge of the patio. Steve Gregorietti approved
1545 Cut fluorescent lights to avoid in w side of basement of Deli
Thinner, (flamables) presumably, found in basement of Deli
1510 Conference call w/ Jeff Trad, F. Dvirka, Jon, Dale: Jeff approves wall construction
+ work in basement floor providing we get the price down a little. Jeff approves awning
installation over the Deli on the loading mat rear patios, + suggests we get a better price
for the fill to be used in grading.

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BY S. Tass TITLE Inspector

Dvirka and Bartilucci
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DAILY CONSTRUCTION REPORT

DATE 3/7/03

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain ✓	Snow ✓
TEMP.	To 32 NA	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 7	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Bowe EPS	HSO	
John Ricci ↓	Site Mgr.	
S. Tauss DvB	Inspector	
Anglo Cocker City of Newburgh Parks Dept	Owner/Laborer	
Nate Brisbee Allstate Power Vac.	Laborer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

Fencing wire, Stihl Rip 111 Turbo Vac Truck 16 yard NYNJr IA391 power saw

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 7

NYSDEC # 1-30-050 DATE 3/7/03

CONSTRUCTION ACTIVITIES:

0845 All state Power Vac on site (Nate Brisbee) proper hose & truck
City & County Paving. on site 3 men
All state begin prep to Vacuum out dry well & Vacuum well
City & County complete saucuts & continue fill holes

- Dale suggests to lay poly & Mirafay Geotex. fabric down to contain VOCs & pressure. all the gravel will act as a large pipe for pressure.

0920 Mibs Fence on site 2 men to run wire for fence & pour [redacted] & set post for gate in S. alley.
- Call action Awning re order awning - 2 weeks for construction.
- Mibs Fence still must run the fence & install both gates & may have some posts.

1050 Complete dry well to last ring - it consists of a 55 Gallon drum. rotted & rusted.
- Dale suggests we line it w/ PVC or concrete liner.

- Continue ~~Bobcat~~ debris Removal - we must keep the roll-off here until Tue morning for all debris Removal & clearing & grubbing - this may conflict w/ the delivery of the gravel for grading.

~~Bobcat~~

1300 Fix phone numbers on Police sign.
Talk w/ Angelo - may start grading in S. side of back & Fill hole inside basement door. & Possibly start well construction Awaiting to get approval.
Mibs Fence Co begin installation of wire mesh fencing.

1500 collect 1st Ambient air sample air hole inside basement door

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BY S. Tanes TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 3/10/03

DAY: S | M ✓ | T | W | TH | F | S

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32 ✓	32-50	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 8	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Braun	EPS	HSO	
John Pizzuti	↓	Site Man.	
S. Tauss	D&B	Inspector	
Harry Lyon	Lyon Drilling Co	owner/driller	
Jill Lyon	↓	Laborer	
Angelo Cala	City + County Paving	owner/laborer	

VISITORS

Time	Name	Representing	Remarks
0845-0915	F. DeVita		

EQUIPMENT AT THE SITE:

LM-1 small drilling rig / CME-45 rig / Rn 3500
Chevy 1500 pick-up

MATERIALS:

Sika 701 ill

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 8

NYSDEC # 1-30-050 DATE 3/10/03

CONSTRUCTION ACTIVITIES:

0810 Lyons Drilling Co. on site. Harry & Jeff Lyons
unload equipment
breakdown CM-1 for basement drilling
Drillers concerned that access clearance will be a problem

- John says possible problem w/ air non data logger (might not be logging)
- Dale proposes to top off backyard patio so it wont be too cold to construct the retaining wall which is proposed.

0845 Frank Dvirka on site. Says Jeff Trad approved the new awnings & the repair of the hole inside the basement door, & the extra Fill to be used in the change orders.
- Debris removal in S. alley, dry well pool & piping & wing wall on fence still pending.

1045 City & County Paving Corp. on site 4 man crew
wall can not be constructed today due to cold weather.
Clear & grub in rear of buildings, fix hole in side basement door & begin to grade rear of buildings.

- debris Removal & Clearing & Grubbing must be completed today because roll-off is to be removed tomorrow morning.

1345 unearth a 55 gal. drum lid & what appears to be a drum of some kind. there is a silvery/white substance & a possible void underground. PID reads 31 ppm. Dale smells what he thinks is paint.

1630 Dale & Jeff phone conv. Do not touch suspected paint drum we found. Leave until trained crew will remove it on 3/11/03. Call it "paint soaked debris"
Debris in alley will remain

~~1645 Lyons~~

1715 City & County off-site

1745 unload sand & equipment

1800 Lyons & EPS & SI off site

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 3/11/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 9	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brauc	EPS	HSO	
John Pecori	↓	Site Man.	
Steve Tague	DFB	Inspector	
Harry Lyon	Lyon Drilling	owner/laborer	
Jeff Lyon	↓	laborer	
Mike Smith	Miles Fence Co	laborer	
Ryan	↓	laborer	
Adam	EPS	laborer	
Ryan	↓	laborer	

VISITORS

Time	Name	Representing	Remarks
0845-1000	Al Static	EPS	
0940 1000	Larry Velde		

EQUIPMENT AT THE SITE:

LM-1, CME-45 Ram 3500

MATERIALS:

3/4" PVC risers & screen bentonite chips #1 sand

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BY Engineer Steve Tague TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT: Franklin Cleaners Site (off-site) REPORT NO. 9

NYSDEC # 1-30-050 DATE 3/11/03

CONSTRUCTION ACTIVITIES:

0715 - Dale talked to me, drill rig will not fit in pharmacy & well will have to be hand dug, pending an okay from Jeff.
- the well spec says 18" well vaults when it should say 12" this is a mistake in the Plan & EPS would like to use the 12" that they brought.
- Lyon drilling on site Harry & Jeff. prep to erect drill rig & drill Int. wells.

0845 Al Statire on site (Owner EPS)

0900 - Miles Fence Co. on site 2 man crew gates are not ready
- Receive Fax from Frank D. stating concrete work must conform to section 2 which states Portland cement. It is agreed upon Quikrete for all site activities & EPS is confused as to what concrete is approved for the new work.
~~- Miles Fence~~
- City & County Paving on site 4 man crew
- Documenting: garbage showing up on site in back every morning.

0930 2nd EPS Crew on site to remove suspected 55 Gal drum. It was only a pint of paint and an old aresol can under a 55 Gal drum lid.

0940 Larry Vedder on site for walk through. He will likely be sampling during Routine OP. period.
- Go over well locations w/ Dale. Find out well is 1½-2' off from our drawing. well will need to be moved S. 1½-2'.

1230 Get authorization to sign waste Manifest. from Frank, sign as NYS DEC Agent.
Angelo has trouble obtaining Virgin gravel to meet spec. Frank verbally, w/ Angelo, approves a Blend (fines & gravel.)

1500 Gravel truck on site apparently from 110 Sand but truck says Island Top Soil.
Start drilling actually. SVM-3

1740 Notify John Scalloy fence will not lock due to the hinge impacting the well. Need to fix.

1810 Finish transporting Fill & initial grading.

1815 SVM-1 installed w/ exception of grout, pad, vault & tag

1840 Download cont air mon. data.

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BY S. Torres TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 3/12/03

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	~~Overcast~~	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	~~Moder.~~	High	Report No.	
HUMIDITY	Dry	Moder.	Humid	10	

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brane	EPS	HSO	
John Pecori	↓	Site man	
Steve Tauss	D+B		
Harry Lyon	Lyons Drilling Co	Owner/laborer	
Jeff Lyon	↓	laborer	
Ivan (the Gutter Guy) & helper	the Gutter Guy	laborer laborer	

VISITORS

Time	Name		Representing	Remarks
0930 - 0945	Frank DeVita	D+B		
	Robert Hilings	↓		
	#			

EQUIPMENT AT THE SITE:

Lm-1, CME-45 Ram 3500

MATERIALS:

2" PVC riser & screen

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 10

NYSDEC # 1-30-050 DATE 3/12/03

CONSTRUCTION ACTIVITIES:

0710 ST, EPS, Lyons Drilling on site.
0730 Mark out AS3, location on map places it 3"-4" from som piping, so it was moved to the North about 1'.
0745 Dale stated Frank approved using 12" well vaults as long as the spec does not specify a size, so they are usin 12" well vaults.
0845 Review AS-3 location w/ Dale + Harry, AS-3 will need to be moved N. 15" due to pipes at proposed location from mp.
Go over piping + trenching layout + go over systems enclosure location
- LM-1 is secured to the ground w/ 4 lag bolts, these holes will need to be filled in.
0930 F. DeVita on site w/ Robert Ully. confirm 12:30 meeting including J&H Tall. also tours site
1020 We are having CO problems + Dale proposes we turn on existing system for vapor control for better ventilation.
1045 John is having problems logging data w/ the cont. air monitors.
1115 The Gutter Guy on site 2 man crew (Ivan) As per Steve Gregoretti, fix gutters so water does not shed into dry well area I notify Ivan he might want to divert the water into the alley ways.
1130 Got approval from Frank to run existing blower in basement.
Does not help much. AT AS-3 location, site Top was down + needs repair
1230 Construction meeting: S. Tauss, Dale Bruce, John Pecci, Frank DeVita, J&H Tall, Jo Averdaughty.
1430 Begin digging trench for air piping.
1800 complete AS-3 up to well grout.

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PAGE 2 OF 2 PAGES

BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 3/13/03

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder ✓	High	Report No. 11	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braun EPS John Pecci ↓ D&B Stan Tauss Harry Lyon Lyons Drilling Co J.H Lyon ↓	HSO Site Mon. Inspector Owner/Laborer Laborer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

LM-1, CME-45 Ram 3500

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 11

NYSDEC # 1-30-050 DATE 3/13/03

CONSTRUCTION ACTIVITIES: continue digging trench

0730 prep to drill SVE-2 plot location w/ Dale. location must be moved ~~[illegible]~~ W 3'

0935 Dale calls NES & gets through to Pixie who was not helpful. She will not conform to revisions to the ~~[illegible]~~ systems enclosure Number 3. It seems they are trying to re-engineer the system instead of construct it according to spec.

1015 Collect 1 (2nd) Ambient Air Sample

1200 Uncover an un-backfilled geoprobe hole PID reads 0.4 (same as background)

1240 SVE-2 6" sand over screen & 1½' of bentonite pellets over sand. Depth of well prevents strict adherence to the spec. Dale is confident the system will perform as needed. (Approved well install Plan shows this but does not outright state this)

1430 Dale stated AS-2 needs to be moved from map location approx. 10' Called F. DiVito & he said wells can be moved as per Dale as long as the system will perform correctly.

1500 Survey trench to 12" at system end & 18" at S. well

AS-2: problem w/ pin augers filled w/ sand & will only set @ 18.8' not 19'

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DAILY CONSTRUCTION REPO

DATE 3/14/03

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun ✓	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder.	Humid	12	

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brown	EPS	H&S	
John Heiri	↓	Site Mgr.	
S. Tauss	D+B	Inspector	
Henry Lyon	Lyon Drilling Co	Driller/Helper	
Bill Lyon	↓	Laborer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

LM-1 - Ram 3500, CME-45

MATERIALS: 2" AC

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 12

NYSDEC # 1-30-050 DATE 3/14/03

CONSTRUCTION ACTIVITIES:

0715 ST, EPS, & bypass Drilling on site
0830 Place location of ASM-1 w/ Dale & Harry
will located approx. 2' NW of map location
0945 Begin drilling well.

- Schedule pushed back approx 2 days.
Mon: begin outside drilling & hand drilling, & piping

- asphalt was tentatively scheduled for Wed.

- PID still only at background levels.
1330 Complete ASM-1 up to bentonite seal.

Secure CME-45 on site over weekend

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DAILY CONSTRUCTION REPORT

DATE 3/17/03

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 13	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brant	EPS	HSO	
John Pecor	↓	Sitman.	
S. Tauss	DTB	Inspector	
Harry Lyon	Lyon Drilling	Owner/Operator	
Jeff Lyon	↓	Laborer.	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

CME-45 LM-1 Ram 3500 Ford van

MATERIALS:

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 13

NYSDEC # 1-30-050 DATE 3/17/03

CONSTRUCTION ACTIVITIES:

S.T. EDS & Lyon Drilling on site 0715
0730 attempt to mobilize CME-45 drill rig to rear of buildings.
1045 begin laying pipe & Lyon temporarily leaves drill rig to hand auger SVM-2
1400 Return to positioning CME-45 over SVE-1
1715 Cut CME-45 position & piping installed @ S. end of building.
SF EDS Lyon offsite 1745

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DAILY CONSTRUCTION REPORT

DATE 3/18/03

DAY: S M T ✓ W TH F S

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 14	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Braun	EPS	HSO	
John Rossi	↓	Site Man.	
Steve Tams	D+B	Inspector	
Harry Lyon	Lyon Drilling	owner/Laborer	
Jeff Lyon	↓	Laborer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

LM-1 CME-45 Ron 3500 / Ford Van

MATERIALS:

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BY S. Tams TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 14

NYSDEC # 1-30-050 DATE 3/18/03

CONSTRUCTION ACTIVITIES:

0800 begin preparing to drill / Drill @ SVE-1
1000 around 10" drill rig stopped working (shut-off)
1330 figure out rotor is broken + fix part.
" continue drilling.
1345 continue running pipe in rear of building
1445 Complet. SVE-1
mobilize to AS-1
1630 begin drilling AS-1
1800 End drilling for day
1 hr All off-site.

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DAILY CONSTRUCTION REPORT

DATE 3/19/03

DAY: W (checked)

S	M	T	W	TH	F	S
			✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 15	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brawn	EPS	HSO	
John Picari	↓	Site Mon	
Stephen Tomass	D+B	Inspector	
Harry Lyon	Lyon Drilling	Owner / Laborer	
Jeff Lyon	↓	Laborer	

VISITORS

Time	Name	Representing	Remarks
1430	Jeff Trad[illegible]	DEC	
1515	F. DeVita	D+B	

EQUIPMENT AT THE SITE:

CME-45, Lm-1, Ram 3500 / Ford van

MATERIALS:

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BY S. Tomass TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 15

NYSDEC # 1-30-050 DATE 3/19/03

CONSTRUCTION ACTIVITIES:

0745 Continue drilling AS-1
0800 Woman in Mex. Deli complains of exhaust fumes. Hook up long exhaust pipe + run air to Mervin ave.
1200 Measure depth of pipe in trench. 9' at enclosure location + 15' at S. side of trench. Exact measurements are pretty hard to get considering not being at final grade.
1300 Complete AS-1
1430 Jeff Trahd + Frank DeVita on site for tour of site. Both happy w/ progress + with change orders
1515 Jeff + Frank off site.
1830 Lyon Drilling complete work + off site
1850 ST + EPS off site.

* Frank approves moving SVM-1 onto work site property

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BY [signature] TITLE [illegible]

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DATE 3/20/03

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain ✓	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder.	Humid	16	

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brawl	EPS	HSO	
John Pucci	↓	Sit Man.	
Skyler Tauss	DrB	Inspector	
Harry Lyon	Lyon Drilling	Owner/Laborer	
Jeff Lyon	↓	Laborer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

LM-1, CME-45 - Dem 3500 / Ford Van

MATERIALS:

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 16

NYSDEC # 1-30-050 DATE 3/20/03

CONSTRUCTION ACTIVITIES:

0730 begin Mobilizing rig to SVM-1 location

0800 Cook in Deli came out and said she had to go to the doctor due to the fumes she inhaled from our drill Rig onsite. She claimed that for she went to the doctor the morning of 3/19/03 due to the inhalation of fumes on 3/18/03. (Also on 3/19/03, apparently before she went to the doctor, she ~~[illegible]~~ complained about the fumes & we piped the exhaust to Marvin ave.) She also claimed the doctor gave her medication on 3/19/03.

Every day we advise the people to close the doors & stay away from the work zone, especially when drilling.

1230 Complete SVM-1

1440 Poke through concrete slabs in deli basement, no holes under soil. ~~[illegible]~~ the concrete under slabs seems to be intact.

1430 begin drilling ASM-2.

Complete trench & piping outside.

1830 Complete drilling for day

1900 ST EPS & Drilling off-site

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DAILY CONSTRUCTION REPOF

DATE 3/24/03

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50 ✓	50-70	70-85	85+up
WIND	Still	Moder. ✓	High	Report No. 17	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Broad	EPS	HSO	
John Pecori	↓	Site Man	
Steve Tauss	D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 17

NYSDEC # 1-30-050 DATE 3/24/03

CONSTRUCTION ACTIVITIES:

0800 Begin piping in basement work slowed by many trips to Home Depot
1430 Reset post for outer gate which was to be reinstalled.
1630 Notified by Kunz F DeVille on site 3/25/03

~~* Notify ... ...~~

EPS forgot a diamond blad saw for some pad work in basement
work will be complted 3/25/03 or when system arrives.

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DAILY CONSTRUCTION REPOR

DATE 4/1/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	~~32-50~~	50-70	70-85	85+up
WIND	Still	~~Moder.~~	High	Report No.	18
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brown EPS John Decori ↓ Stephen Tauss D+B Action Awing 3 man crew	HSO S/L Man. Inspector	

VISITORS

Time	Name	Representing	Remarks
	~~Act.~~		

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 4/1/03

NYSDEC # 1-30-050 DATE 18

CONSTRUCTION ACTIVITIES:

ST + EPS on site 0715
0730 Begin to prep well locations for curb box install
0745 Oyster Bay Sand + Gravel on site
deliver 1 yard sifted pea gravel
0815 Begin dry well install

1030 Action awning on site 3 man crew Begin awning install.
1430 Action off site. Awnings installed

1500 Dale stated Frank approved the use of a magnehelix for the pressure gauge in the SVE wells & a shop-code being substituted for the original sampling port. These are to be installed when the enclosure is installed.

1715 ST & Eps off site.

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DAILY CONSTRUCTION REPOF

DATE 4/2/03

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast ✓	Rain	Snow
TEMP.	To 32	32-~~50~~	50-70	70-85	85+up
WIND	Still	~~Moder.~~ ✓	High	Report No. 19	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brown EPS ↓ Dvirka	H&S	
John Decori	Site Mgr.	
Stephen Tauss	Inspector	

VISITORS

Time	Name	Representing	Remarks
(1015-1040) 1345-1430	F. DeVita	D+B	
	J. Trudd	DEC	

EQUIPMENT AT THE SITE: Field Van

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. 19

NYSDEC # 1-30-050 DATE 4/2/03

CONSTRUCTION ACTIVITIES:

0700 ST + EPS onsite

Continue installing well vault + AS/SVE fittings

1015 F. Dvirka on site. Want all EPS materials out of basement / meeting w/ Jeff + Frank early afternoon
1040 F. Dvirka off-site
1130 John samples waste water
1345 F. Dvirka + Jeff Trad on site for inspection.

Jeff would like ~~to~~ Debra to notify M. Shipman of the leaking + cap-less UST behind the hair salon.

Jeff would like Frank to change the carbon in the carbon filters in the two basements + run them in the time before the system is installed.
1430 Start to clean materials out of basement + clean up the work site.

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DAILY CONSTRUCTION REPOF

DATE 8/18/03

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brown EPS	HSO	
John Peori EPS	Site Man.	
Frank DeVita D&B	Proj. Man.	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / Chevy pick-up / bobcat John Dee 240

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/18/03

CONSTRUCTION ACTIVITIES:

0900 Frank + I on site to check out status of project.
1115 EPS (John Pecoraro + Dale Braune) on site
set up + unload equipment
1300 Dale notifies Frank of product release of UST in back of Chinese Rest.
Dale concerned w/ the release + tracking it all over the site w/ the bobcat.
Frank will call in to DEC + come investigate.
1400 Set up to sample GW @ FC-2 sample time 1515 all sample VOC + Fe Mg
1600 Bobcat delivered
sample FC-2 @ 1630
John discovers VOC bottles are preserved w/ HCl + spec calls for unpreserved bottles. John call their lab + gets the OK to use the preserved bottles
1750 EPS to Home Depot to buy equipment. ST off site

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DAILY CONSTRUCTION REPOF

DATE 8/19/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
J. Accori EPS	Site Mgr.	
D Brown ↓	HSO	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / John Dre bob-cat

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. ______

NYSDEC # 1-30-050 DATE 8/19/03

CONSTRUCTION ACTIVITIES:

0600 ST & EPS on site prep to sample
~~delay in system delivery~~
0730 System enclosure arrives on flat-bed Ollington Towing
0750 F. DeVito on site reported spill of fuel oil to DEC
an officer will be here to investigate as soon as possible
0800 F. DeVitta says Steve Gregorelli complained of flooding
@ basement dry well. Install System to system location
1400 Notify Dole & John of 72 interval between start of perf. test
& installation of the system & that they must certify all wells
were constructed to spec.
2000 System finally in @ enclosure
2030 ST & EPS off site.

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BY S. Tarve TITLE Inspector

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DAILY CONSTRUCTION REPOR

DATE 8/20/03

DAY	S	M	T	W	TH	F	S
			X	✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun ✓	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up ✓
WIND	Still ✓	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid ✓		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Pecor. EP&S	Site Mon.	
Dale Brauc ↓	HSO	
Always Electric	laborers (2)	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / John Deere bobcat

MATERIALS:

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BY Stephen Tauss TITLE Inspector

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CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/20/03

CONSTRUCTION ACTIVITIES:

0700 ST + EPS on site
prep to sample remaining wells
0800 begin constructing weather station
0900 F. DeVitt on site
Begin sampling on-site wells
ASM-2 @ 1200
~~ASM-1~~
0930 Allways Electric on site
to hook up electric to system + lights in basement.

ASM-1 @ 1430
1500 F. DeVitt + I check out all components of system enclosure
all look okay except minor fittings
notify Dale
ST + EPS off site 1730

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BY S. Taus TITLE Engineer

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DAILY CONSTRUCTION REPOF

DATE 8/21/03

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun ✓	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up ✓
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Peori EPS	Site Mon.	
Dale Brane ↓	HSO	
Always Electric	Laborers (2)	
Stephen Tang D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford van John Deere bob-cat

MATERIALS:

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BY Stephen Tang TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/21/03

CONSTRUCTION ACTIVITIES:

0730 ST & EPS onsite
continue w/ weather station & systems hook up to pipes
0945 Always Electric on-site
Sewer system (possibly) backed up in Chinese Rest. basement. Large amounts of liquid & very bad smell
Notify E. DeVito.
1130 Frank notifies Dale & I that a freezer was apparently unplugged in the del. & the ice cream in it was melted.
1200 Dale notifies electrician & he admits he unplugged it.
1400 Electricians need to run the wire out the N. side of the basement because there is a new set of steps where he had originally spliced out the wire to run.
Gutter will have to be modified. John calls Steve Gregoretti & gets approval for modification.
Gutter will bend around new location of wire.
1807 ST & EPS off site

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BY S. Tamas TITLE Inspector

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DAILY CONSTRUCTION REPOF

DATE 8/22/03

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun ✓	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up ✓
WIND	Still ✓	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid ✓		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braue EPS ↓	HSO	
John Pecoi:	Site Mon.	
S. Tauss DvB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford van bob-cat

MATERIALS:

DISTRIBUTION
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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 8/22/03

CONSTRUCTION ACTIVITIES:

1400 ST on site
weatherstation mounted
electrical hooked up to system - power to system
1420 Dale notices there is no inside plug for heat tracing or weather station. Plug was ordered but NES did not include it as it is not to code
1500 Dale turns power to system on.
1600 Frank + I take baseline measurements for SVM #s 1-3
(SVM-4 is not considered to spec yet)
1730 Exhast stack in place.
1745 SI, FID + EPS off site.

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BY S. Tarsa TITLE Engineer

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DAILY CONSTRUCTION REPOF

DATE 8/23/03

DAY	S	M	T	W	TH	F	S
							✓

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braue EPS	HSO	
John Accor. ↓	Site Mon.	
Frank DeVita D+B	Proj. Mgr.	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / bob-cat

MATERIALS:

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/23/03

CONSTRUCTION ACTIVITIES:

ST on site 0900
ED on site 0915
EPS on site 0800

0930 Dale notices the exhaust stack is bent + straightens it out with the guide wires.

E. DeVita takes SVM-4 baseline PID = 1520. high reading influenced by PVC glue vapors in well

1100 Dale "bumps" system closes valves + runs the compressor + blower to make sure they are getting power.

1230 "Bump" test all wells make sure they mak appropriate pressures.

1330 ST ED + EPS off site.

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DAILY CONSTRUCTION REPOR

DATE 8/24/03

DAY	S	M	T	W	TH	F	S
	✓						

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brauer EPS	HSO	
John Peori ↓	Site Man.	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / bob-cat

MATERIALS:

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 8/24/03

CONSTRUCTION ACTIVITIES:

ST + EPS on site 0500
prep for performance test
0600 performance test
All EPS samples taken in tenax tubes @ 5 L/m for 2 min
all PID reading + sample taken w/ a reciprocating valve pump set at 10 L/m
Pressure reading taken at well heads + probes w/ a magnahelic.

All Decibel reading may be influenced by the exhaust fans @ laundromat + TV @ laundromat and traffic.

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BY E. Tanes TITLE Engineer

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DAILY CONSTRUCTION REPORT

DATE 8/25/03

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Peceri EPS	Site Mon.	
Dale Braun ↓	HSO	
S. Tang DrB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / Bobcat

MATERIALS:

DISTRIBUTION
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2 Field Office
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BY S. Tang TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 8/25/03

CONSTRUCTION ACTIVITIES:

0515 ST of EPS on site.
prep for mon.
0600 begin monitoring procedures
0840 Notify Dale weather station must record 1 hr intervals for wind speed & direction, ambient air temp. atmospheric pressure, precipitation
0900 ST of EPS off site
EPS fixes asphalt depressions caused by system enclosure installation
Dale raises blower RPM @ 1010
1720 ST on site
1800 begin monitoring procedures
2030 ST off site.

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BY E. Tang TITLE Inspector

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DAILY CONSTRUCTION REPORT

DATE 8/26/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 ✓	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braue EPS	HSO	
John Peori ↓	Site Mon.	
S. Taucs DvB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / bob-cat

MATERIALS:

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BY S. Taucs TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/26/03

CONSTRUCTION ACTIVITIES:

ST + EPS on site 0520
prep for mon
0600 system monitoring.
0730 Dale notices a substantial air leak at the top of each carbon vessels. plastic lids were separating from the inlet pipes and outlet pipes.
Dale will call NES + have them come + repair it.
0830 Robert Heling delivers my sample tubes (glass)
1709 ~~1800~~ ST on site for mon
1800 system monitoring
Dale notifies me he put electricians putty weather-proof seals on the air leak + stopped the leak.
1945 ST + EPS off site

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

DATE 8/27/03

DAY	S	M	T	W	TH	F	S
				✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 ✓	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brauer EPS	#50	
John Picori ↓	Site Mon.	
S. Tauss DTB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/27/03

CONSTRUCTION ACTIVITIES:

0530 ST & EPS on site.
0600 System monitoring.

0615 Dale tells me new carbon units are on order to be here in about 1 week.
0830 ST off site

1645 ST on site
1800 System monitoring.
2000 ST off site

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BY S. Tauss TITLE Inspect.

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DAILY CONSTRUCTION REPOF

DATE 8/28/03

DAY	S	M	T	W	TH	F	S
				X	✓		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brown EPS	HSO	
John Pecori ↓	Site Mon.	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Econ

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 8/28/03

CONSTRUCTION ACTIVITIES:

0530 ST + GPS on site
0600 begin monitoring.
0845 ST off site.
1715 ST on site.

phone conversation between Dale Frank & Jeff Trell.
In afternoon: All VOC levels very low
we will bucket test for air leaks in basement.
+ Dale will back off the flow slightly.

1905 Dale reduces current to blower reducing the SVE well flow rates from about 60-65 to about 45 SCFM

1st 3 days of operation, .04 lbs total PCE removed

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DAILY CONSTRUCTION REPOF

DATE 8/29/03

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	~~Overcast~~	Rain	Snow
TEMP.	To 32	32-50	50-70	~~70-85~~	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Pecori EPS	Site Mon.	
Dale Brame ↓	HSO	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van / Mikes Ford pickup / Alary Electronic Van

MATERIALS:

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 8/29/03

CONSTRUCTION ACTIVITIES:

0530 STOPS on site
0600 begin monitoring & sampling procedures
0815 ST off site

- Miles Fence Co came in my absence & installed Fence @ the South site limits
Also did not install wing @ North fence line
- Always Electric came in my absence & installed lighting in the deli basement, but in S. side only

1800 Monitoring ~~1900~~
1950 ST & EPS off site.

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BY S. Tang TITLE Inspector

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DAILY CONSTRUCTION REPOF

DATE 8/31/03

DAY	S	M	T	W	TH	F	S
	✓						

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 ✓	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Pecori CPS	Site Mon.	
Dale Brauc ↓	HSO	
F. DeVita D+S	Proj. Mgr	
S. Tang D+S	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Tang TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 8/31/03

CONSTRUCTION ACTIVITIES:

ST & EPS T FD on site 0510
plan & prep to start AS system & monitor wells & systems
* SVE system throttled down another 10 SCFM to about 35 SCFM @ each well.
0530 gauge AST & 6W wells before AS system start-up.
AS system will not start problem w/ VFD. Call Chris Tighe & leave message but w/ Labor Day weekend we must likely wont hear from him until Tue. AS test will be put off 2 days. Continue w/ SVE Test.
0600 begin SVE perf test monitoring.
0850 ~~0930~~ ST & EPS off site

1715 ST on site
1800 site wide monitoring
2030 ST & EPS off site

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BY S Tanes TITLE Inspector

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DAILY CONSTRUCTION REPOF

DATE 9/1/03

DAY	S	M ✓	T	W	TH	F	S

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still ✓	Moder.	High	Report No.	
HUMIDITY	Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brane EPS	HSO	
John Pecor ↓	Site Man.	
S. Tames D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford / Van

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BY S. Tames TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/1/03

CONSTRUCTION ACTIVITIES:

0530 ST @ EPS on site
0600 Sitwide monitoring
0830 ST off site

1740 ST on site
1800 Sitwide monitoring.

.089 lb of PCE Removed from site as of 9/1/03
per Dale Brown

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BY S. Truss TITLE Inspector

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DAILY CONSTRUCTION REPOF

DATE 9/2/03

DAY	S	M	T	W	TH	F	S
			✓				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain ✓	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still ✓	Moder.	High	Report No	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Braun EPS ↓	HSO	
John Pecora	Site Mon.	
S. Tauss DvB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/2/03

CONSTRUCTION ACTIVITIES:

0530 ST & EPS on site
0600 site wide monitoring
0830 ST off site

1100 ST on site for AS start-up
1115 baseline monitoring for AS
1145 AS system on 30 SCFM total flow @ initial flow meters - all wells @ 10 SCFM
1445 2hr post start up monitoring
1800 start SVE & AS site wide monitoring
1830 AS system shuts itself down & will not start back up Vapor probe readings rebound to pre-AS system start-up reading.

* John tells Dale & I that lab lost data from days 8-9 data is not recoverable.
1915 Frank proposes to raise flow to SVE-2 to overcome the presence of AS-2&3 to about 70 SCFM

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPOF

DATE 9/3/03

DAY

S	M	T	W	TH	F	S
			✓			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain ✓	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Dale Brave EPS	H&S O	
John Picori "	Site Mon.	
Jeff Trad DEC		
F. DeVita D+B	Proj. Mgr.	
S. Taus D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Taus TITLE Inspector

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DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/3/03

CONSTRUCTION ACTIVITIES:

ST & EPS on site 0530
0600 Sitrid monitoring AS system still off-line
SVE system is NOT on as we come on site
system stopped @ 144.2 hrs. roughly 3hrs a/ter monitoring ended on 9/2/03
0615 SVE turned back on & set @ new vaccuum @: SVE-1 @ 30scFM & SVE-2 @ 70scfm (100 total) per F. DeVitta & Dale Braun
0730 Ray from laundromat said power to entire block went down around 9-930. This is to blame for system shut-o/f not a system malfuction.
0745 Dale on phone w/ NES to get emergency contact info & info as to why AS went down. Timer is to blame for AS & contact info to follow.
0800 AS system back on
1000 2hr post start-up testing.
1315 Jeff Trad on site for progress meeting w/ F. DeVitta
F. DeVitta proposed to fix dry well flood problem (change order)
1400 AS system manually shut down to check alarms
Jeff & Dale agree to install at least 1 additional vapor probe @ about 6" below original grade (change order)
Dale asks Jeff if he can only collect sample for 5 days of AS test if ROI is 1 to all wells
Jeff & Frank will check validity of contract & get back to him.
1515 F. DeVitta & Jeff Trad left off site.
1800 Sitrid monitoring of AS & SVE
2000 ST off site

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BY S. Tauss TITLE Inspector

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DAILY CONSTRUCTION REPOF

DATE 9/4/03

DAY	S	M	T	W	TH	F	S
					✓		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain ✓	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still ✓	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor		Function	Remarks
Dale Brame	EP&S	Site Mon.	
John Accor:	↓	HSO	
S. Tauss	D&B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/4/03

CONSTRUCTION ACTIVITIES:

0530 ST & EPS on site
0600 AS & SVE monitoring & split sample
Lab is not open to ask if they will accept samples on Fri w/ a 48hr TAT, if they are unable to accept on Fri & we don't sample now then is no way to split samples at all.
- bottles ordered by Rhea Petralia per F. DiVita for TO1 as outlined in spec.
0845 package samples & go to Fed Ex for delivery
0900 ST off site.

1800 - ST on site for AS & SVE monitoring.
Talk to F. DiVita & Frank ~~does~~ was unsure of which samples will be needed. He will call Jeff Fabel
- Jeff does not want the effluent or the influent of the GAC.
1800 leave message @ Lab Kelly Larry Decker to cancel these samples.
1900 phone call to F. DiVita notify him of EPS' proposal schedule & of higher PID readings in the outlet of the primary GAC than in the inlet of the primary GAC.
1930 John bumps ~~SVE~~ SVE & AS systems: SVE up to 60 hz from 55 hz & AS1 to 10 scfm / AS2 to 10 scfm & AS3 to 7 scfm. SVE-1 @ 35 scfm / SVE-2 @ 85 scfm.
1000 ST & EPS off site.

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PAGE 2 OF 2 PAGES

BY S. Tang TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPOF

DATE 9/5/13

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Pecori EPS	Site Mgr.	
2 men EPS crew (Steve & Chris)		
S. Tauss DVB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/5/03

CONSTRUCTION ACTIVITIES: 0545 ST & EPS on site

Go over schedule w/ John
- SVE system started on 8/24/03 – 14 day test to end on 9/6/03
- AS system test started on 9/3/03 - Jeff & Dale agreed to test only 5 days test will end on 9/7/03 & monitoring will end on 9/9/03
- Bob will call Frank to discuss

0615 - Chris & Stan (EPS) on site to learn sampling & monitoring procedure
- sitewide AS & SVE monitoring

0800 ST off site to office

0900 discuss schedule w/ Frank
SVE test monitoring & sampling to end on 9/6/03 morning
AS test to end on 9/8/03 & monitoring to end on 9/8/03 morning.

1100 ST leave office

1740 ST on site

1800 sitewide AS & SVE monitoring

1945 ST & EPS off site

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PAGE 2 OF 2 PAGES

BY S. Tarus TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPOF

DATE 9/6/03

DAY	S	M	T	W	TH	F	S
							✓

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still ✓	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Decori EPS	Sitemon	
S. Tavss DVB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Tavss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 9/6/13

CONSTRUCTION ACTIVITIES:

ST & CPS on site 0530
@600 sitwide AS & SVE Monitoring.

0800 ST & CPs off site

1745 ST on site
1800 Sitwide AS & SVE mon.
1915 ST off site

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BY S Tausz TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPOF

DATE 9/7/03

DAY	S	M	T	W	TH	F	S

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder.	High	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Pecori EPS	Site Mon.	
S. Tauss DB	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 9/7/03

CONSTRUCTION ACTIVITIES:

ST + EPS on site 0530
0600 Sitwide AS+SVE monitoring
0815 ST off site

1740 ST on site
1800 Sitwide AS & SVE mon
1905 ST + EPS off site

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BY S. Tuss TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 9/8/03

DAY	S	M	T	W	TH	F	S
		✓					

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70 ✓	70-85	85+up
WIND	Still	Moder. ✓	High	Report No.	
HUMIDITY	Dry	Moder. ✓	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
John Pecori EPS	Site Man	
S. Tass D&B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Ford Van

MATERIALS:

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BY S. Tass TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/8/05

CONSTRUCTION ACTIVITIES:

ST on site 0540
0600 Sitwide AS / SVE monitoring.
0830 E. DeVito on site
0900 Frank + E get to to off-site for system start up + water levels
1215 STaff site

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BY S. Tarsy TITLE Engineer

Dvirka and Bartilucci
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DAILY CONSTRUCTION REPOF

DATE 09/16/03

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 X	85+up
WIND	Still	Moder. X	High	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
7 30	F. DeVita.	D+B	
7 30	R. Heling	D+B	
9 15	C. Stabi	EP+S	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 09/16/03

CONSTRUCTION ACTIVITIES:

* SVE and Air sparging monitor activities were cancelled by EPA

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BY R. Helwig TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPOF

DATE 09/18/03

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast X	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 X	85+up
WIND	Still	Moder.	High X	Report No.	
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks

VISITORS

Time	Name	Representing	Remarks
11 00	R. Heling	D+B	
11 00	C. Staiti	EP+S	

EQUIPMENT AT THE SITE:

MATERIALS:

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BY R. Heling TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO. _____

NYSDEC # 1-30-050 DATE 9/18/03

CONSTRUCTION ACTIVITIES:

* Progress monitoring and sample collection SVE and air sparging system.
* Air sparge blower shut down upon completion of activities for ground water sampling AS#1 and AS#2 on Friday September 19
* Inlet filter air sparge blower clogged.
* For more details see SVE and air sparging progress monitoring report

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BY R. Helwig TITLE Inspector

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE 9/19/03

DAY	S	M	T	W	TH	F	S
						✓	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004184
CONTRACTOR EP&S
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear ✓	Overcast	Rain	Snow
TEMP.	To 32	32-50	50-70	70-85 ✓	85+up
WIND	Still	Moder.	High ✓	Report No.	
HUMIDITY	Dry	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
Chris EPS	Technician	
S. Tauss D+B	Inspector	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE: Horiba U-10, DTW meter

MATERIALS:

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BY S. Tauss TITLE Inspector

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (off-site) REPORT NO.

NYSDEC # 1-30-050 DATE 9/19/03

CONSTRUCTION ACTIVITIES:

0730 ST onsite
0830 Chris (GPS) on site
SVE system was off as we got on site
(Alert Condition 3) @ 621 hrs SVE & 380 hrs AS
0850 Chris calls Dal to try to start up SVE system & fix Alert code
0900 SVE system on
Total Flow: 115 scfm total vac: 33"
SVE-1: 45 scfm SVE-1 = 4"
SVE-2: 75 scfm SVE-2 = 26"
* Dry well area flooded - leaking into basement still
1015 SVM-1 = .75 Chris sample ASM 1 & 2
SVM-2: .80
SVM-3: .65
SVM-4: .20
1145 AS system turned back on - Alert Condition 4
chris calls Dal & NES to figure out why ~~the~~ pressure is very very low
all wells @ <4[redacted] scfm
1220 Call Frank & notify him of situation - leave site

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Appendix B

APPENDIX B

CONSTRUCTION PHOTOGRAPHS

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Proposed location area of SVM well
Photograph No.: 001 Date Taken: 2/27/03
Inspector: S. Tawes

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Holes in Deli basement

Photograph No.: 002 Date Taken: 2/22/02
Inspector: S. Tavis

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Proposed location of an AS well & locking grate in background.
Photograph No.: 003 Date Taken: 2/27/03
Inspector: S. Tangs

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Outer fence to be re-installed
Photograph No.: 004 Date Taken: 2/27/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Field office sign

Photograph No.: 005 Date Taken: 2/20/03
Inspector: STauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Back of buildings pre-construction
Photograph No.: 006 Date Taken: 2/27/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Tree behind pharmacy pre cutting it down
Photograph No.: 007 Date Taken: 2/28/03
Inspector: S. Fauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Tree behind pharmacy post cutting it down
Photograph No.: 008 Date Taken: 2/28/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Project Sign

Photograph No.: 009 Date Taken: 2/28/03
Inspector: S. Tanes

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View:_____

Photograph No.: 10 Date Taken: _____
Inspector:_____

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: _____

_____

Photograph No.: 11 Date Taken: _____
Inspector: _____

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View:_____

Photograph No.: 12 Date Taken: _____
Inspector:_____

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View:_____

_____

Photograph No.: 13 Date Taken: _____
Inspector:_____

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Existing Fence Line in rear of building & showing neighbors property.
Photograph No.: 015 Date Taken: 3/3/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: suspected Asbestos piping pre removal of debris
Photograph No.: 016 Date Taken: 3/3/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: S. alby after debris removal Asbestos (?) pipes are to stay.
Photograph No.: 017 Date Taken: 3/4/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Stock of debris Ground

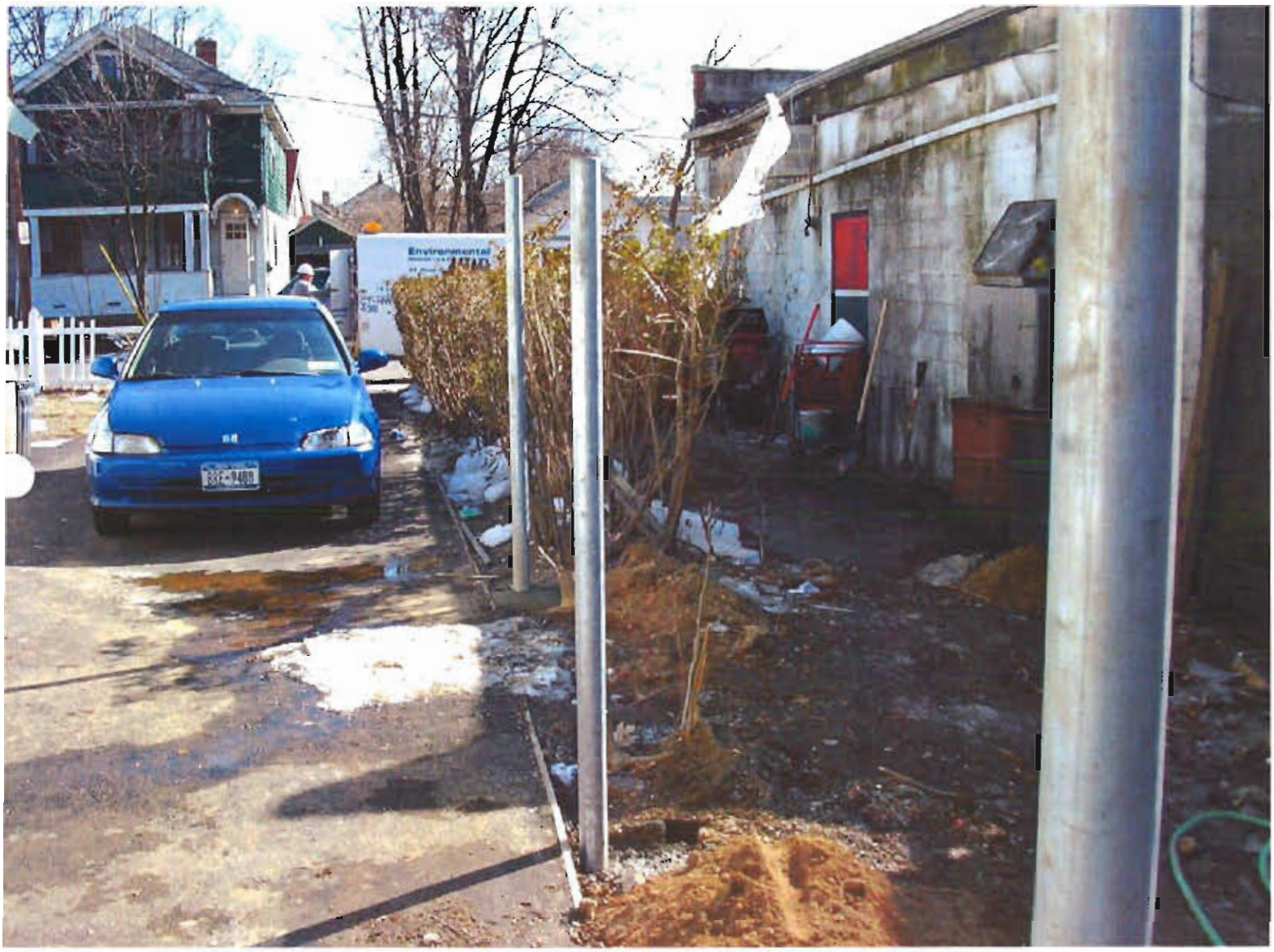
Photograph No.: 018 Date Taken: 3/4/03
Inspector: S Tarry

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Dry well location pre cleaning & debris removal
Photograph No.: 019 Date Taken: 3/4/03
Inspector: S. Tauss

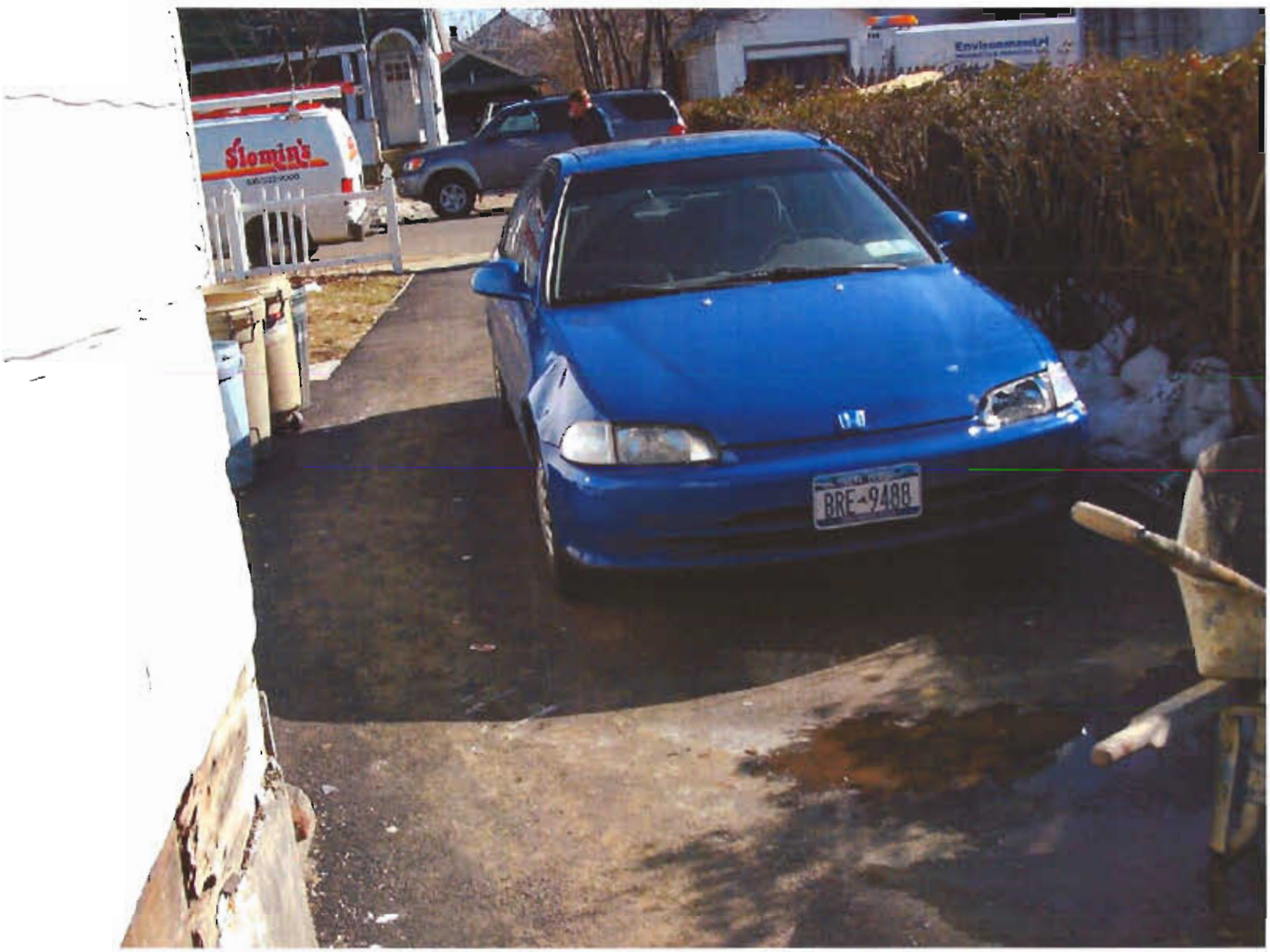
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Dry well w/ cover removed showing 24" opening
Photograph No.: 020 Date Taken: 3/4/03
Inspector: S. Tanis

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Deli basement S. before debris removed
Photograph No.: 021 Date Taken: 3/4/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Rear of neighbors Honda pre existing damage to rear
Photograph No.: 033 Date Taken: 3/4/03
Inspector: S. Tauss



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Front of neighbors House damage pre existing to front
Photograph No.: 033 Date Taken: 3/4/05
Inspector: S. Jones



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Side of Neighbors Honda shows pre existing damage to side of car
Photograph No.: 034 Date Taken: 3/4/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Landing contributing to (gauge entering dry well area (S of dry well)
Photograph No.: 005 Date Taken: 3/5/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Looking N. of dry well contributing to dry well runoff & Construction fencing
Photograph No.: 026 Date Taken: 2/5/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Water shed from entire roof collects to SE corner gutter & drains over it into basement.
Photograph No.: 027 Date Taken: 2/5/03
Inspector: S. Tangs

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Main entry point of flooding in obl. basement S. E. corner
Photograph No.: 028 Date Taken: 3/5/03
Inspector: S. Tenss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Finished Awning installation and Mr. Lee Coker looking on
Photograph No.: 29 Date Taken: 3/5/03
Inspector: S. Tauss

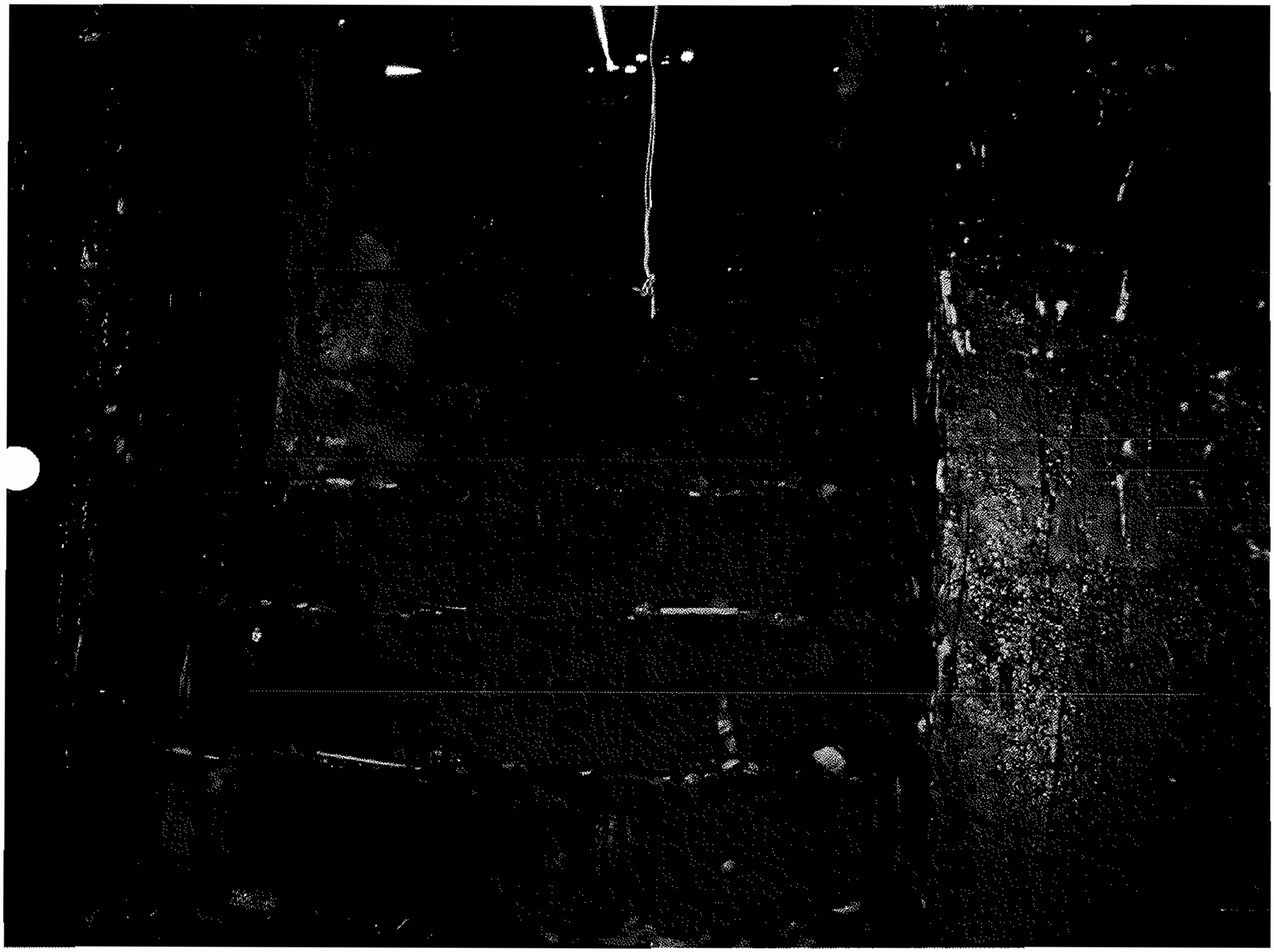
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Hole in front of basement entry way (in influent system) Poss. change conditions
Photograph No.: 030 Date Taken: 3/5/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Hole in mid Dri basement before repair
Photograph No.: 031 Date Taken: 3/5/03
Inspector: S. Jones

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: shot of basement in bldg
from w wall showing some hole locations pre repair
Photograph No.: 032 Date Taken: 3/5/03
Inspector: S. Tangs

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: 146 in N.l. basement floor SE corner pre. repair
Photograph No.: 033 Date Taken: 3/5/03
Inspector: S. Tarry

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Trench under bulkhead in W side of Bld. basement pre-repair
Photograph No.: 037 Date Taken: 3/5/03
Inspector: S. Tauss



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Eastward pattern of rain entering at below door (w. side Deli basement)
Photograph No.: 035 Date Taken: 3/5/03
Inspector: S. Taurs

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Typical saucut hole in bdl: basement
Photograph No.: 036 Date Taken: 3/6/02
Inspector: S. Tang

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Dry well cleaning just prior to turning on suction.
Photograph No.: 037 Date Taken: 3/6/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: N. landing, behind laundromat showing location of proposed retaining wall (rakes)
Photograph No.: 038 Date Taken: 3/6/03
Inspector: S. Tauss

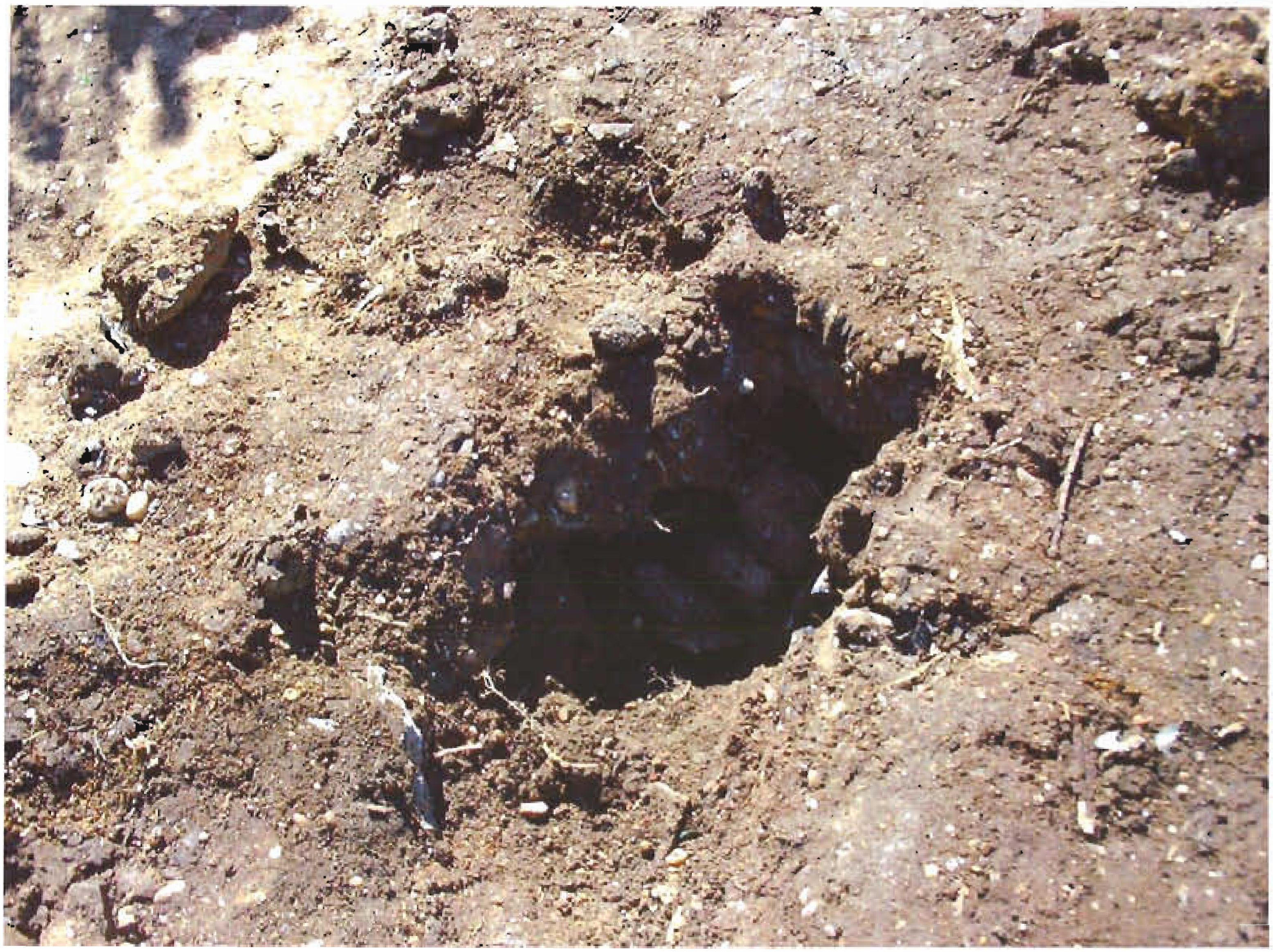
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Excavated dry well

Photograph No.: 039 Date Taken: 3/7/03
Inspector: J. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Finished fence location

Photograph No.: 040 Date Taken: 3/7/03
Inspector: S. Tanes

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Suspected 55 Gal drum found buried at rear of deli.
Photograph No.: 641 Date Taken: 3/10/03
Inspector: S. Tauss



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Suspected drum turned out to be a pint of lacquer paint or a 55 Gal drum lid
Photograph No.: 642 Date Taken: 3/16/03
Inspector: S. Travis

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Silt top patch obstroyed by LM-1 drill rig
Photograph No.: 043 Date Taken: 3/12/03
Inspector: S. Tauzs

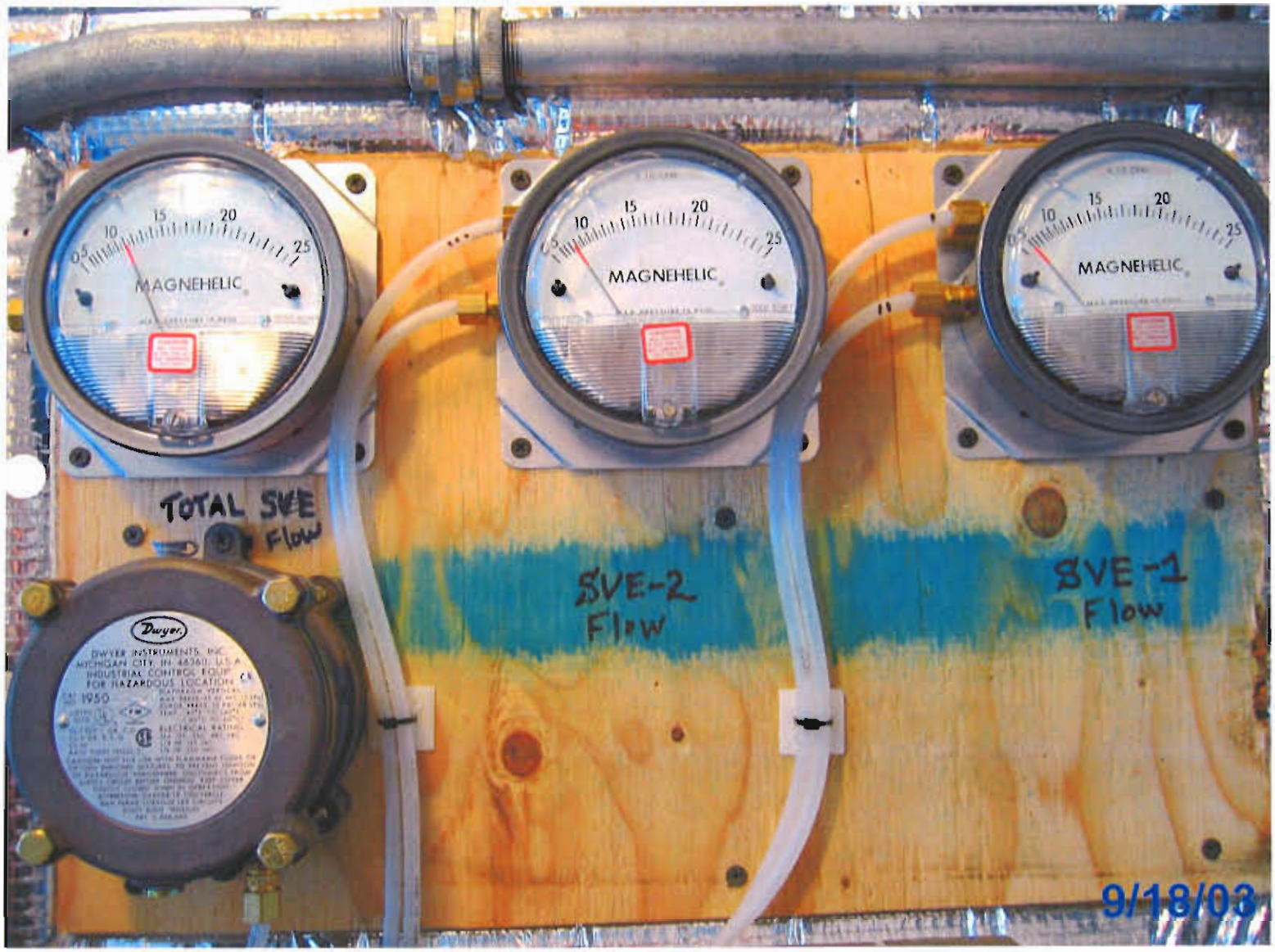
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Finished Fence & trench location
Photograph No.: 044 Date Taken: 3/14/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Trench & piping location

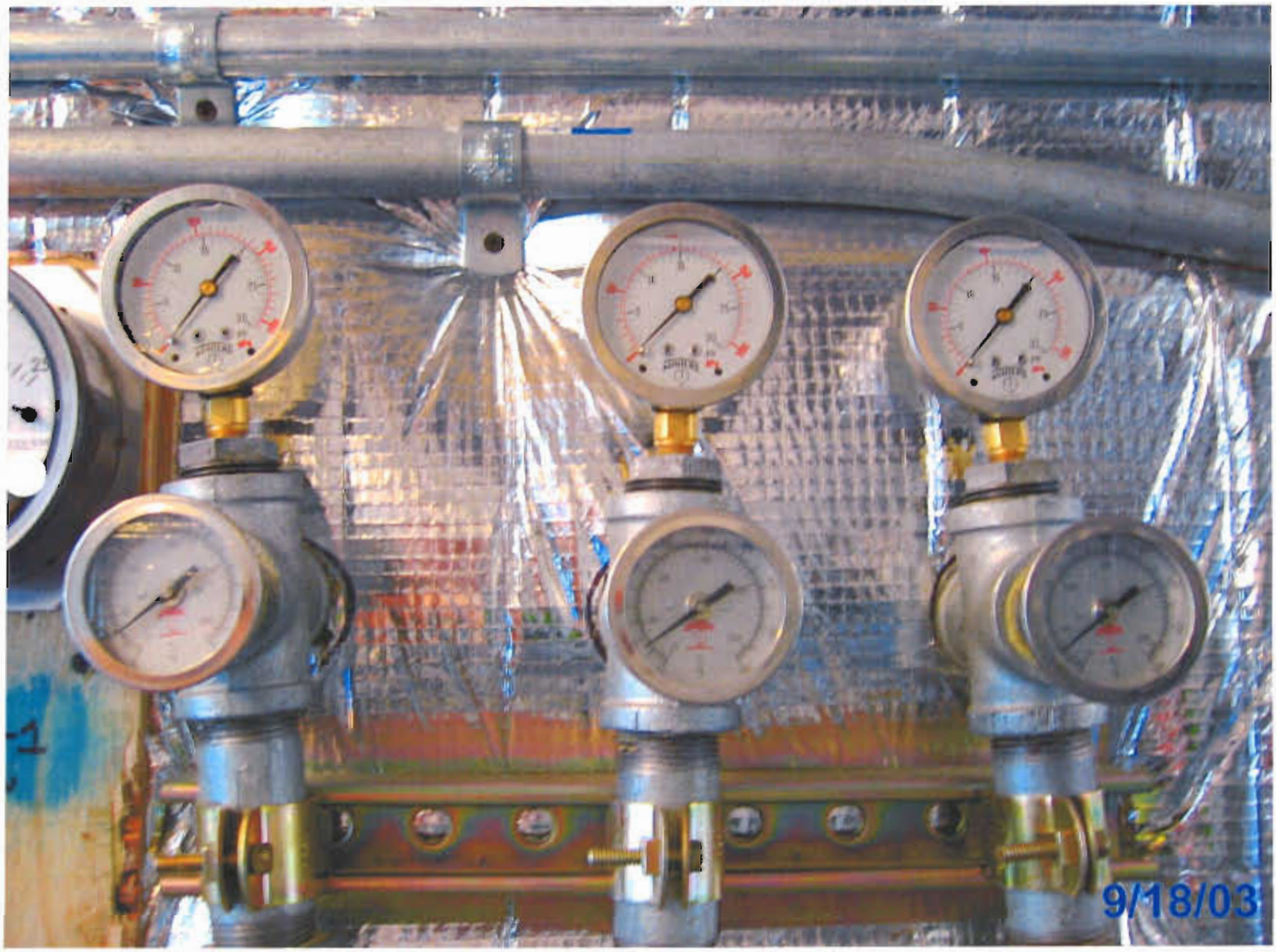
Photograph No.: 045 Date Taken: 3/20/03
Inspector: S. Tangs

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 Contract No: D004184
Description of View: Open Oil Fill cap over Piping behind hair salon.
Photograph No.: 046 Date Taken: 3/21/03
Inspector: S. Tarsa

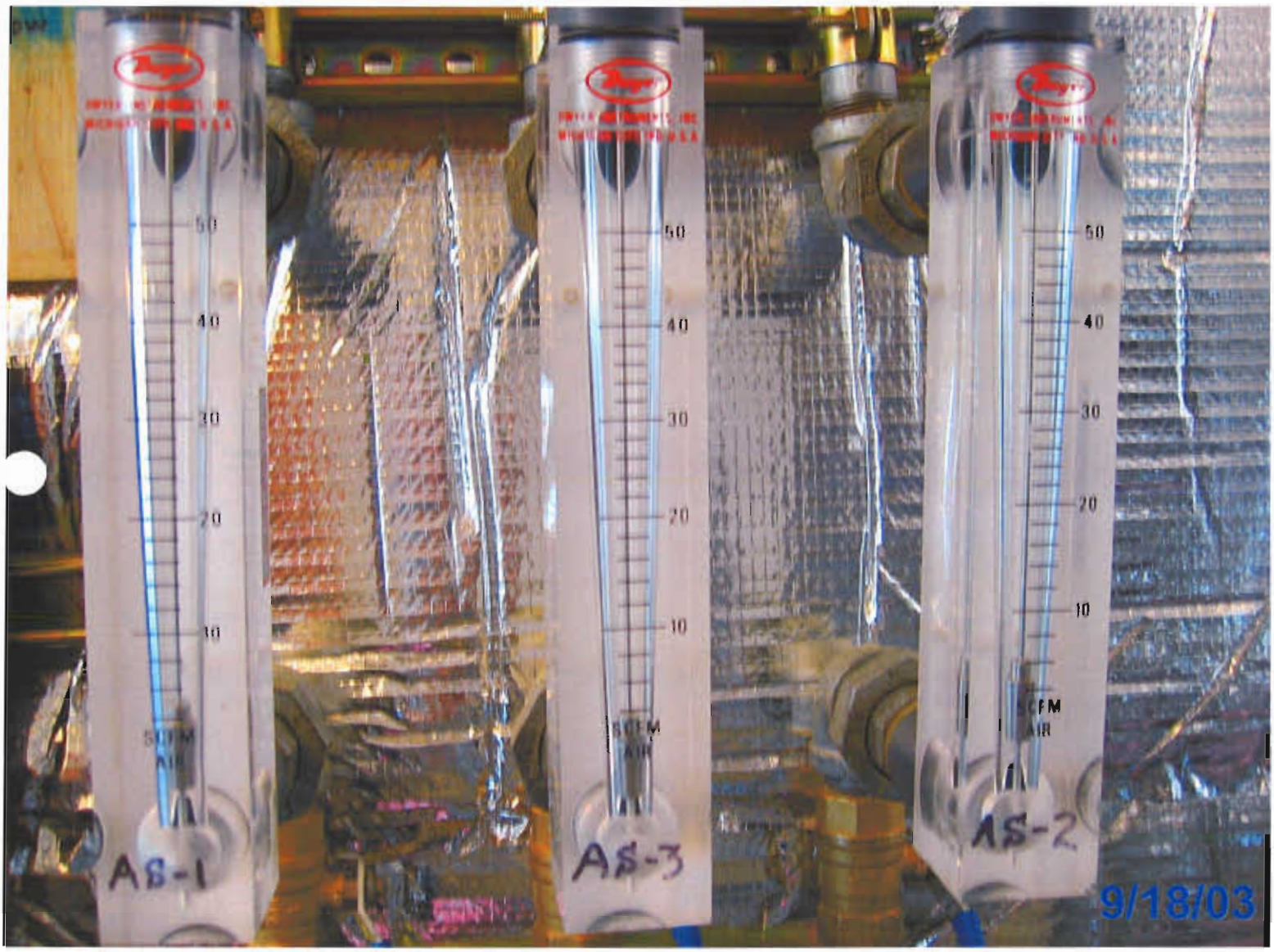
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Finished locations of exterior walls behind dolly.
Photograph No.: 047 Date Taken: 3/21/03
Inspector: S. Tangs



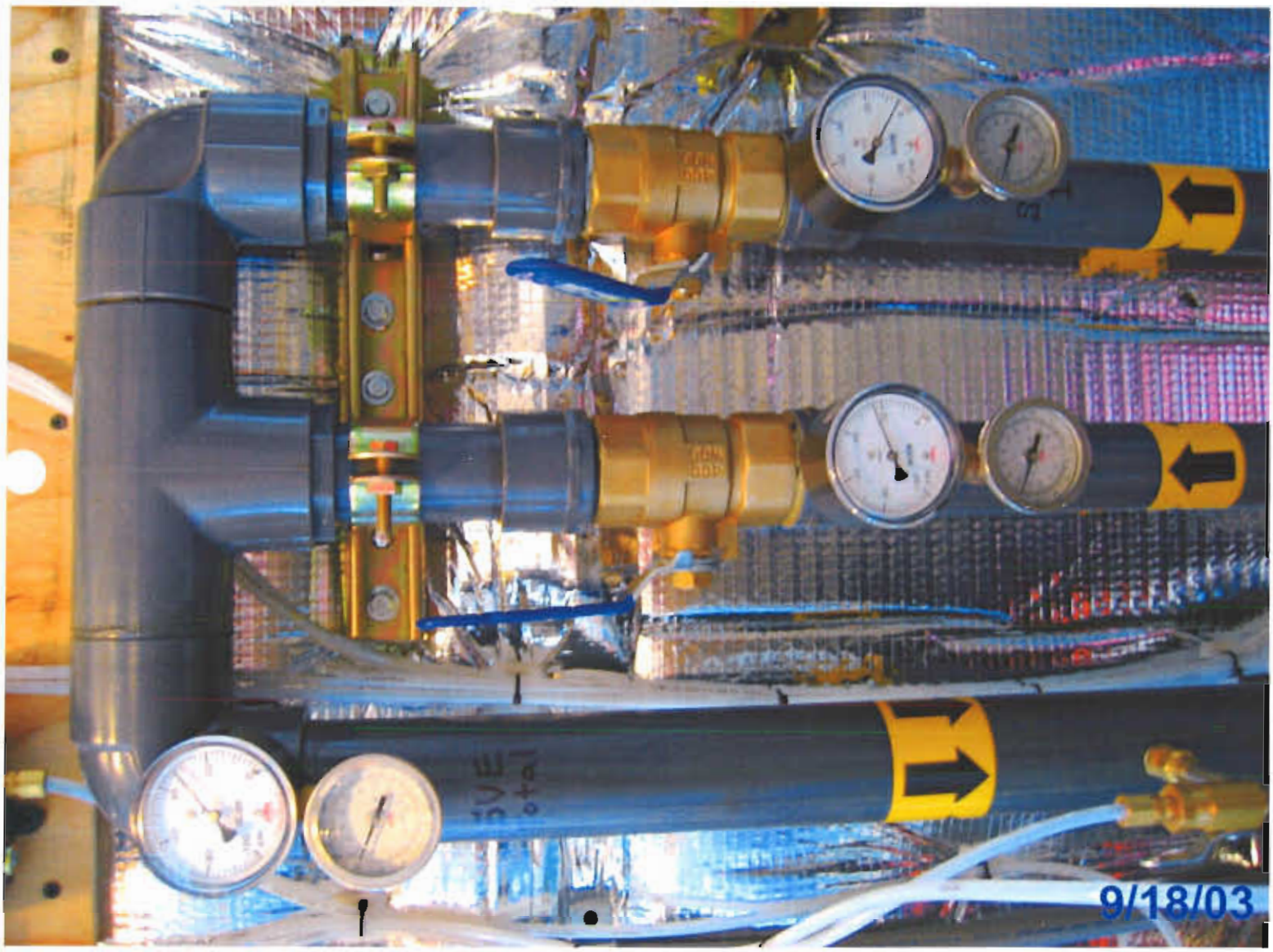
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: SVE Magnehelic flow gauges
Photograph No.: 047A Date Taken: 9/18/03
Inspector: R. Heling



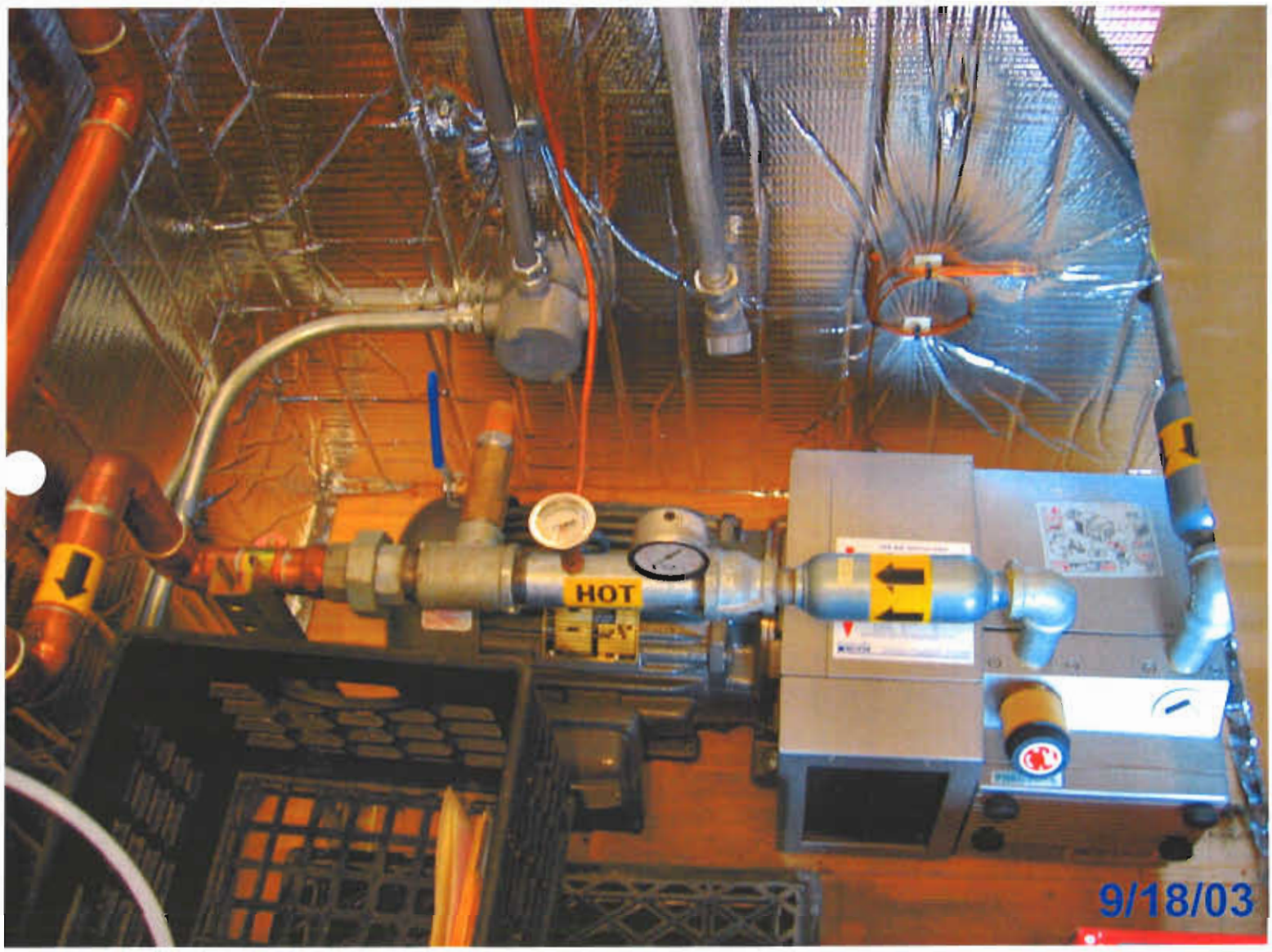
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: AS system temp & pressure gauges
Photograph No.: 048 Date Taken: 9/18/03
Inspector: R. Heling



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: AS system flow tubes
Photograph No.: 049 Date Taken: 9/18/03
Inspector: R. Heling

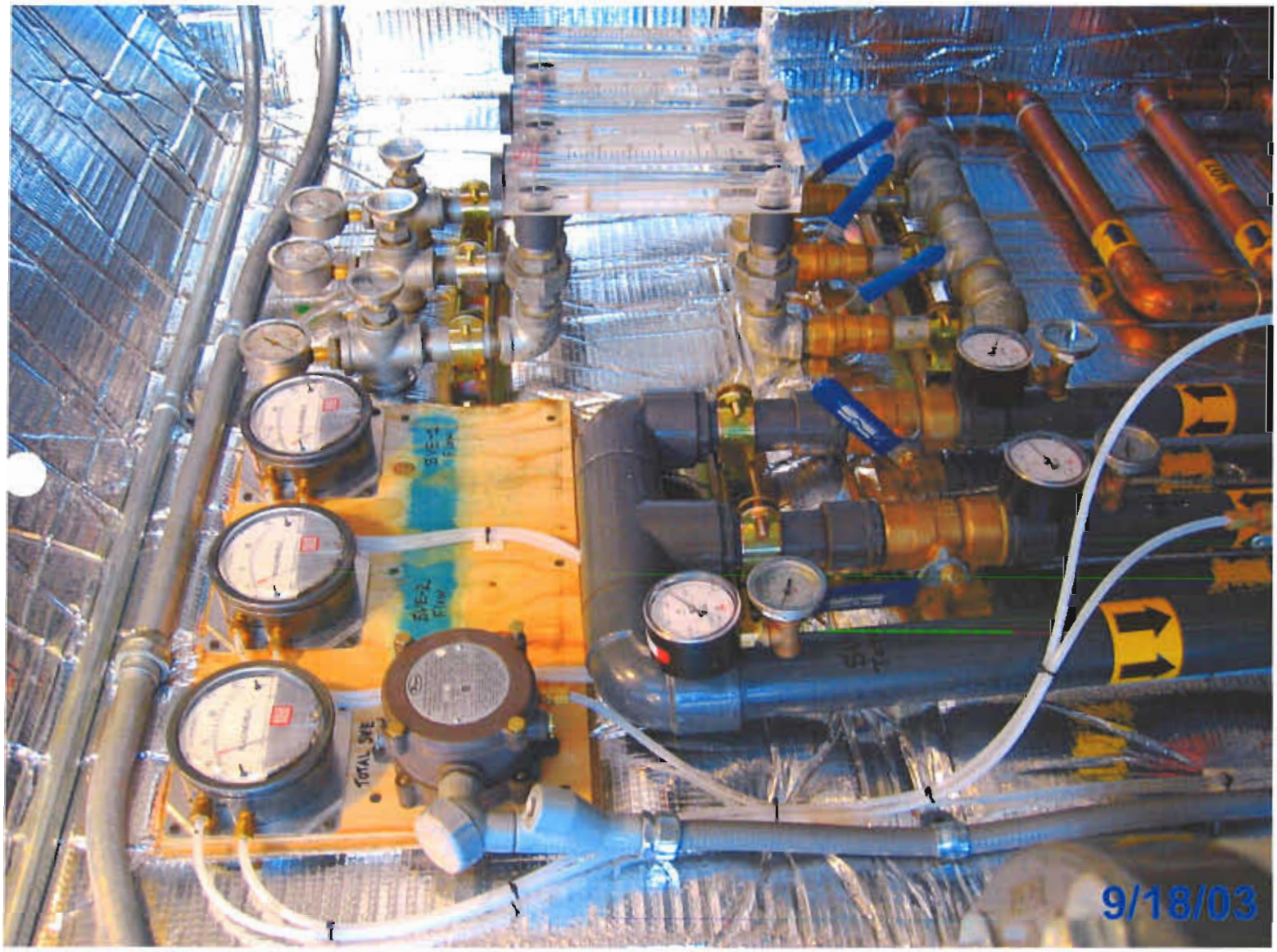


Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: SVE system temp & pressure gauges
Photograph No.: 050 Date Taken: 9/18/03
Inspector: R. Illig

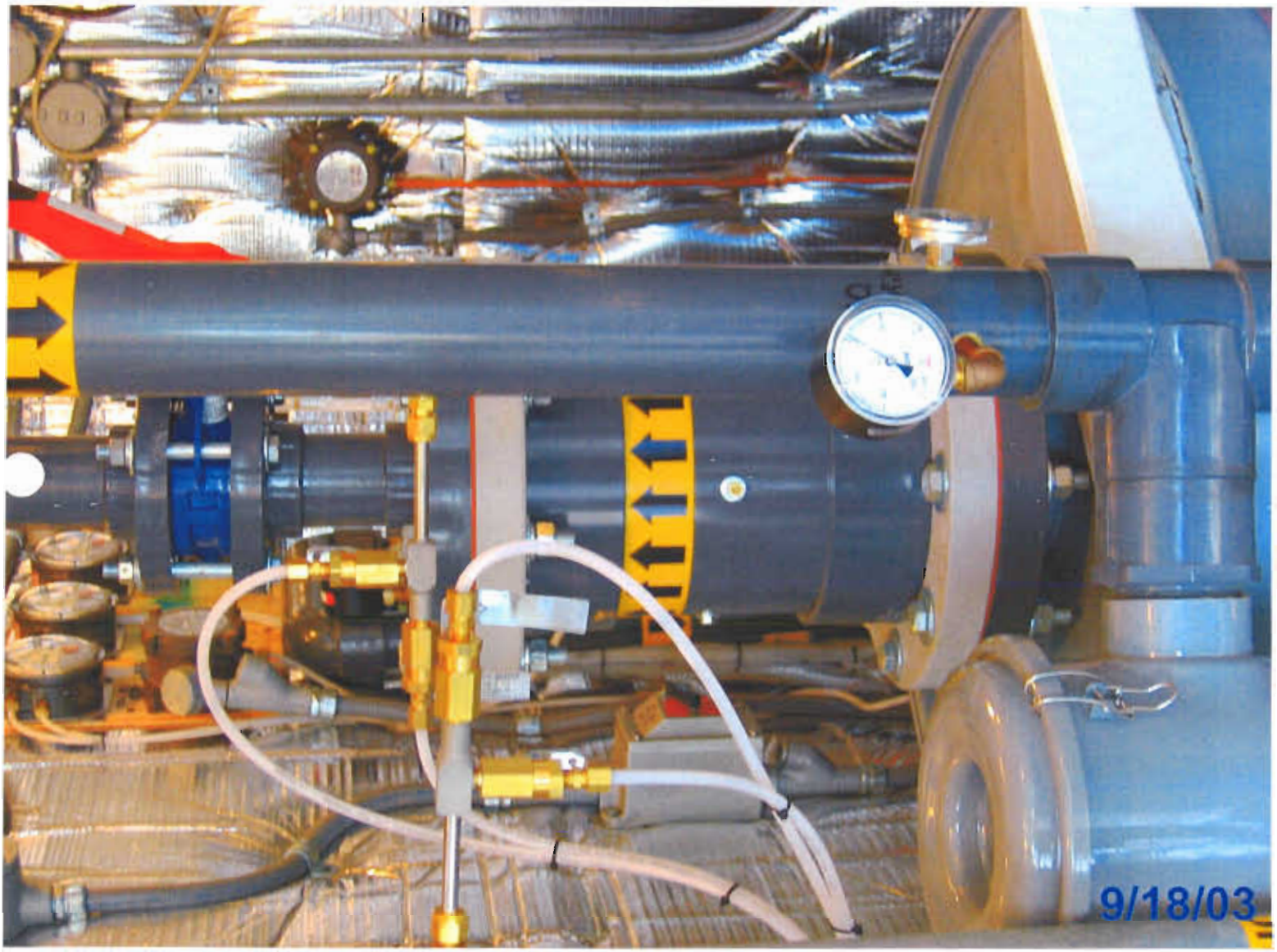


Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: AS system compressor

Photograph No.: 051 Date Taken: 9/18/03
Inspector: R. Kling



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: SVE + AS system gauges + manifolds
Photograph No.: 052 Date Taken: 9/18/03
Inspector: B. Haling



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Vapor/liquid separator top + demister
Photograph No.: 053 Date Taken: 9/18/03
Inspector: R. Kling

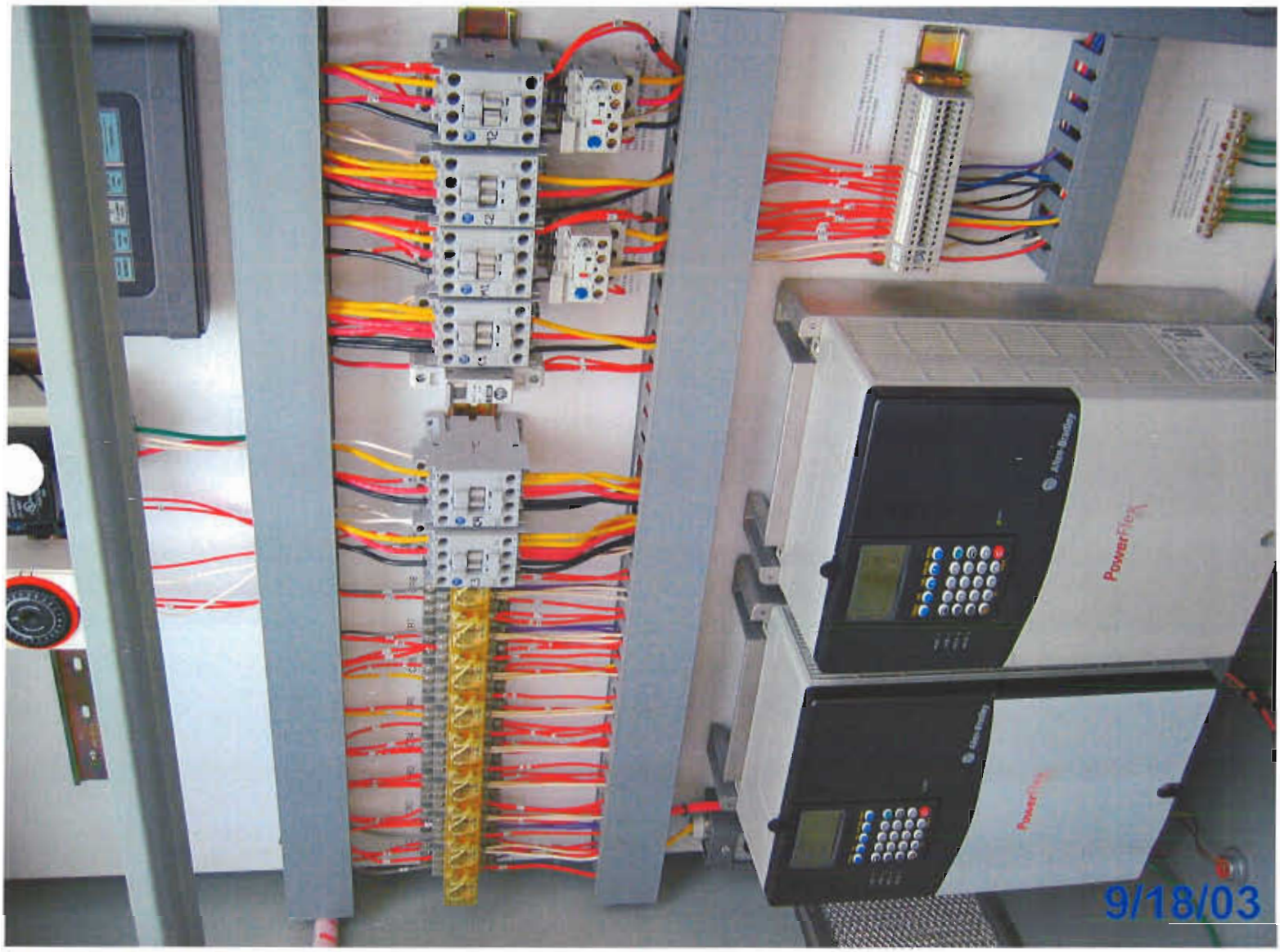
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Carbon unit piping

Photograph No.: 054 Date Taken: 9/18/03
Inspector: R. Hilings

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Completed systems enclosure
Photograph No.: 055 Date Taken: 9/18/03
Inspector: R. Helias

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: control panel

Photograph No.: 056 Date Taken: 9/18/03
Inspector: R. Kling



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: _____

_____

Photograph No.: 257 Date Taken: _____
Inspector: _____

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: System Enclosure looking showing finished fence & awning & asphalt
Photograph No.: 059 Date Taken: 8/19/03
Inspector: S. Tams

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Systems Enclosure Delivery

Photograph No.: 060 Date Taken: 8/19/03
Inspector: C. Tanis

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Leaking oil drums behind Chinese Restaurant.
Photograph No.: 061 Date Taken: 9/09/03
Inspector: S. Tarus

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: absorbent material over possible fuel oil + veg. oil leak
Photograph No.: 062 Date Taken: 8/19/03
Inspector: S. Tauss

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Bobcat used for systems enclosure install
Photograph No.: 003 Date Taken: 8/19/03
Inspector: S. Tobey

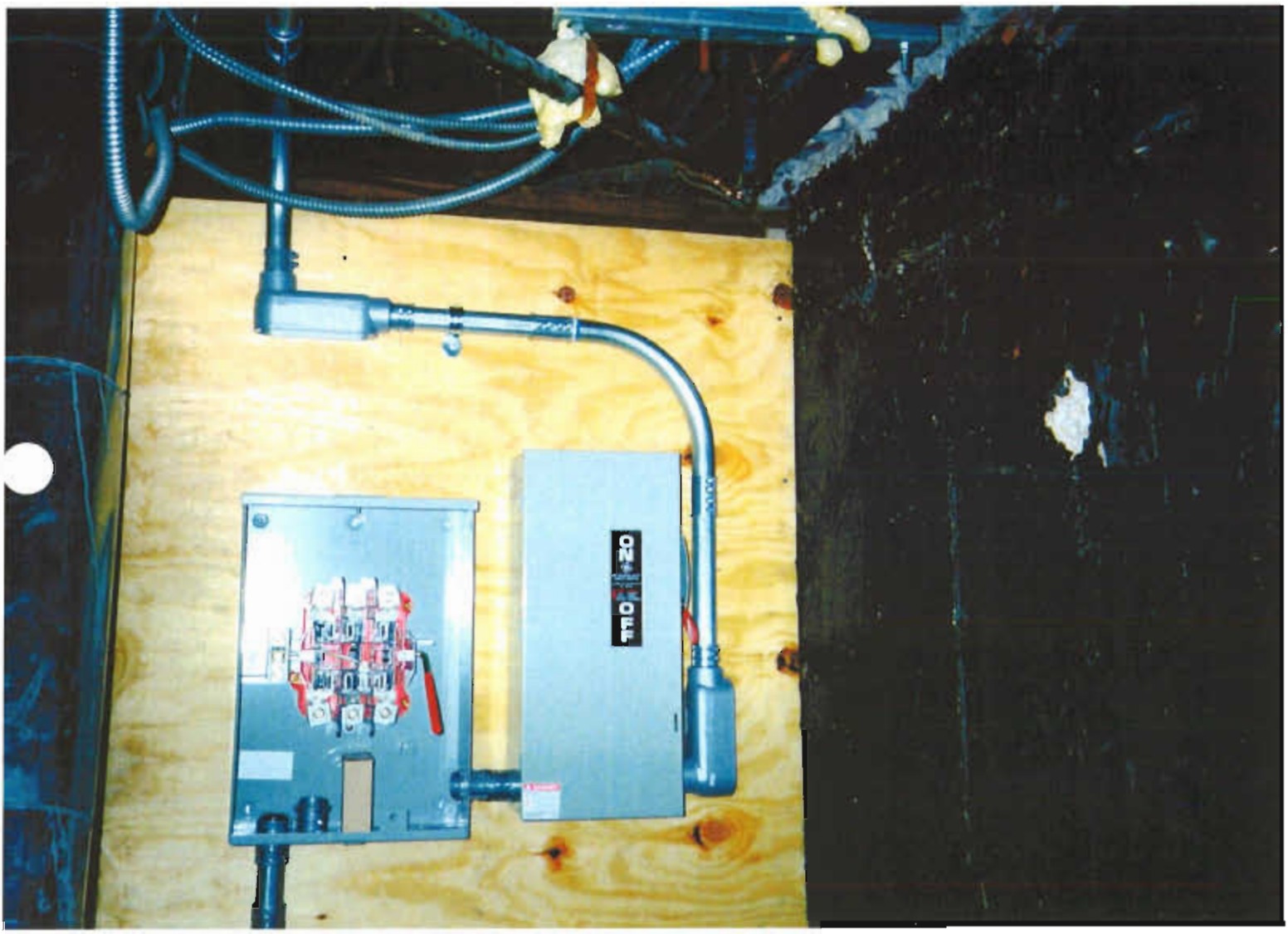
Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Systems Enclosure location pre-hook-up @ SE of site
Photograph No.: 064 Date Taken: 8/20/03
Inspector: S. Tanis

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Bleeding @ dry well location
Photograph No.: 065 Date Taken: 8/20/03
Inspector: S. Tang

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Rear of Enclosure showing Enclosure in background
Photograph No.: 066 Date Taken: 8/19/03
Inspector: S. Tams

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Part of exit for electrical piping from (equipment basement)
Photograph No.: 067 Date Taken: 8/21/03
Inspector: S. Tarus

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Exhaust diffuser & piping hooked up
Photograph No.: 068 Date Taken: 8/21/03
Inspector: S. Tavis



Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Electric panel installed for system power
Photograph No.: 069 Date Taken: 8/22/03
Inspector: S. Tams

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Gutter modification & electric goosenock
Photograph No.: 070 Date Taken: 01/22/03
Inspector: S. Tomes

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Electric hook-up to system's enclosure
Photograph No.: 011 Date Taken: 8/22/03
Inspector: S. Tangs

upside down

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: lighting in ~~basement~~.
S basement of Bld.
Photograph No.: ~~23~~ 22 Date Taken: 8/29/03
Inspector: S. Tass

Site Name: Franklin Cleaners Site (on-site)
Engineer: Dvirka & Bartilucci Consult. Engrs.
Contractor: EP&S
Site No.: 1-30-050 --- Contract No: D004184
Description of View: Finished tank @
S. Side
Photograph No.: 073 Date Taken: 8/29/03
Inspector: S. Tays

Appendix C

APPENDIX C

DISPOSAL MANIFESTS

State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
P.O. Box 414, Trenton, NJ 08625-0414

4150840

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.) *Form Approved. OMB No. 2050-0039.*

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NYSDEC
625 Broadway 12th Fl.
Albany, NY 12233

4. Generator's Phone ( )

5. Transporter 1 Company Name | 6. US EPA ID Number

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number

11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	X					
b.						
c.						
d.						

Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Esteban Tauss Agent for the NYS DEC	Esteban Tauss Agent for the NYS DEC	03	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ryan Nowak		03	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

6—GENERATOR MAIL TO TSD'S STATE

NJA4150840

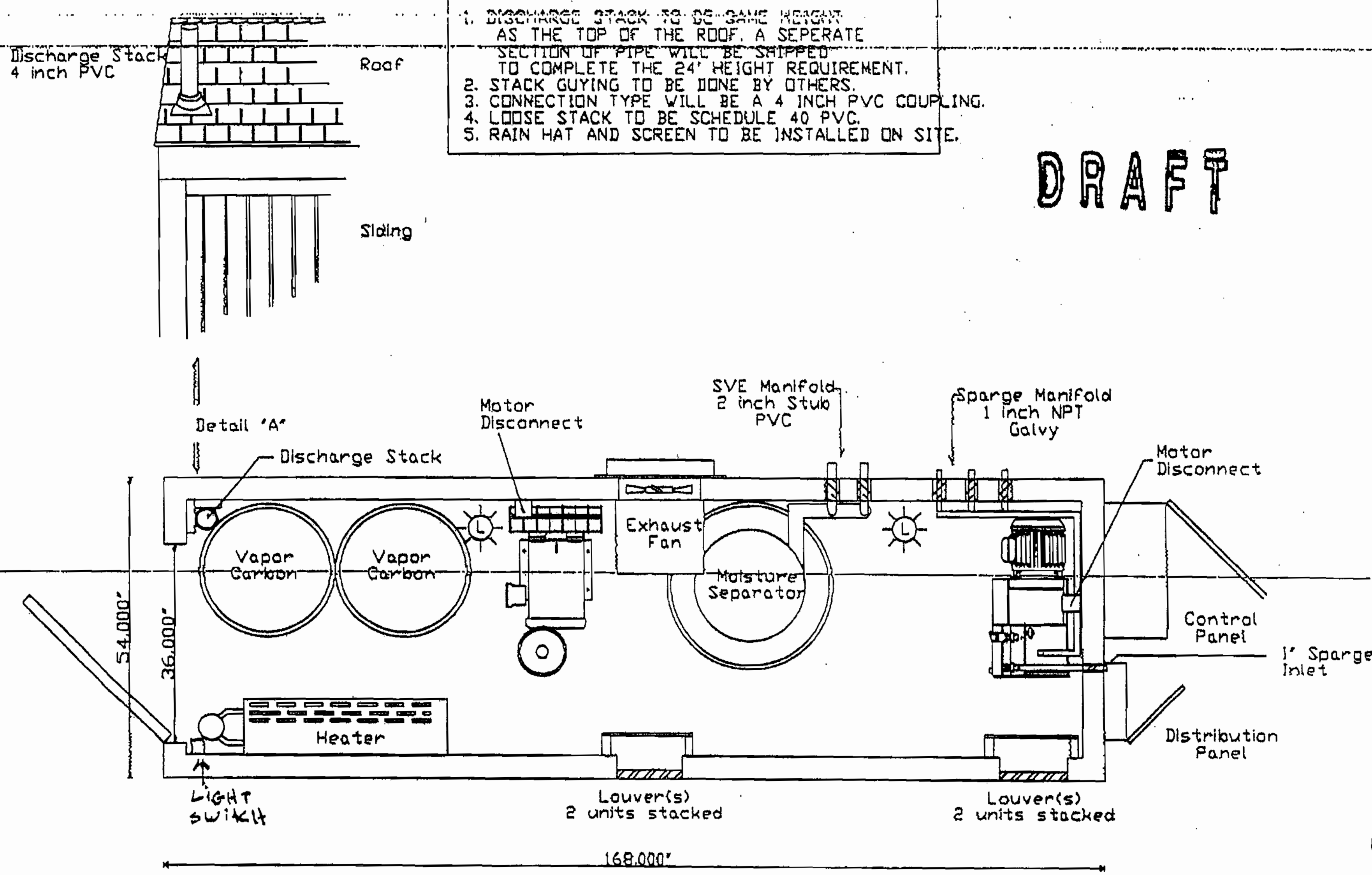
Appendix D

APPENDIX D

CONSTRUCTION DRAWINGS

1. ~~DISCHARGE STACK TO BE SAME HEIGHT~~ AS THE TOP OF THE ROOF. A SEPERATE ~~SECTION OF PIPE WILL BE SHIPPED~~ TO COMPLETE THE 24' HEIGHT REQUIREMENT.
2. STACK GUYING TO BE DONE BY OTHERS.
3. CONNECTION TYPE WILL BE A 4 INCH PVC COUPLING.
4. LOOSE STACK TO BE SCHEDULE 40 PVC.
5. RAIN HAT AND SCREEN TO BE INSTALLED ON SITE.

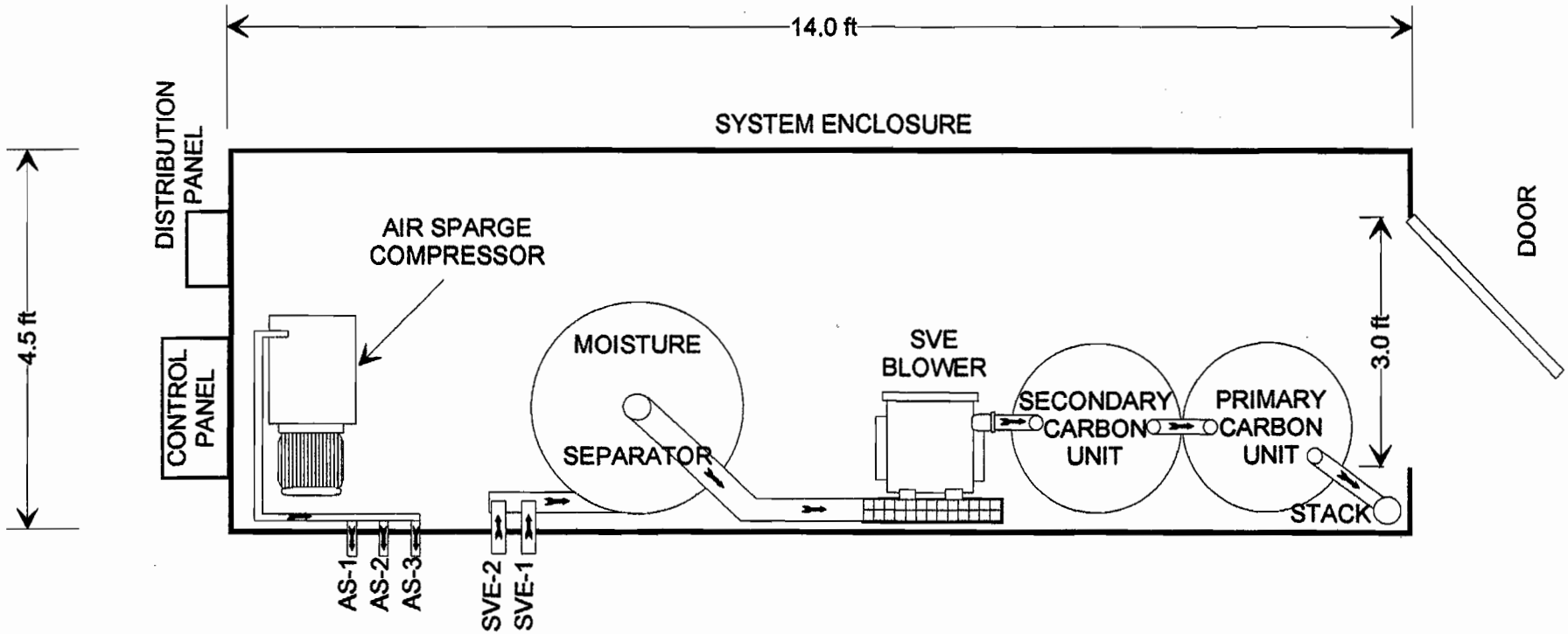
DRAFT



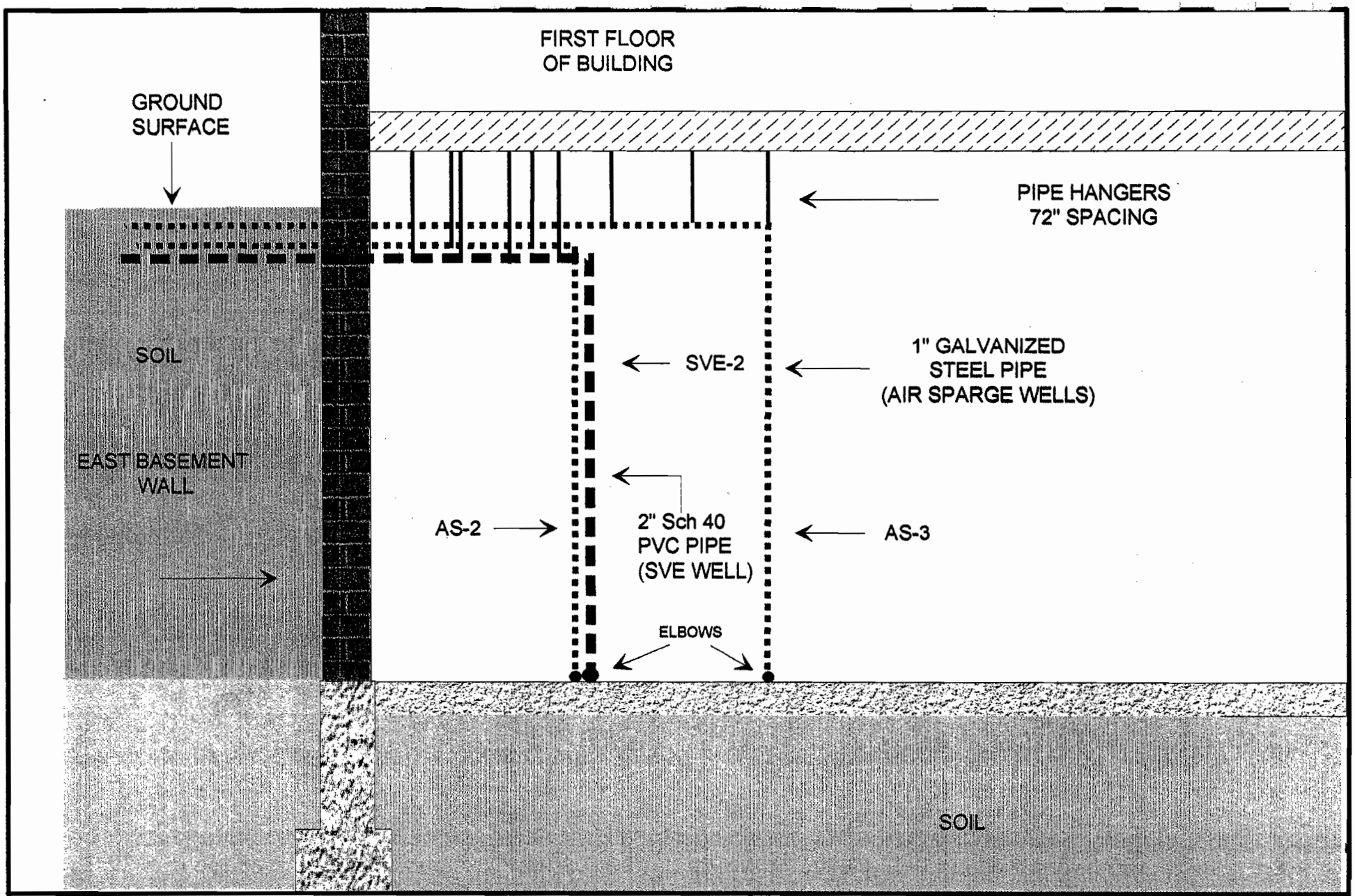
NOTES:
1. DRAWING DEPICTS PRELIMINARY LAYOUT ONLY. SUBJECT TO CHANGE DURING CONSTRUCTION.
2. INTERIOR CLASSIFIED AS CLASS 1 DIV 2
3. CERTAIN ITEMS/COMPONENTS NOT SHOWN FOR DRAWING CLARITY.

Scale: 7/16 inch = 1 foot

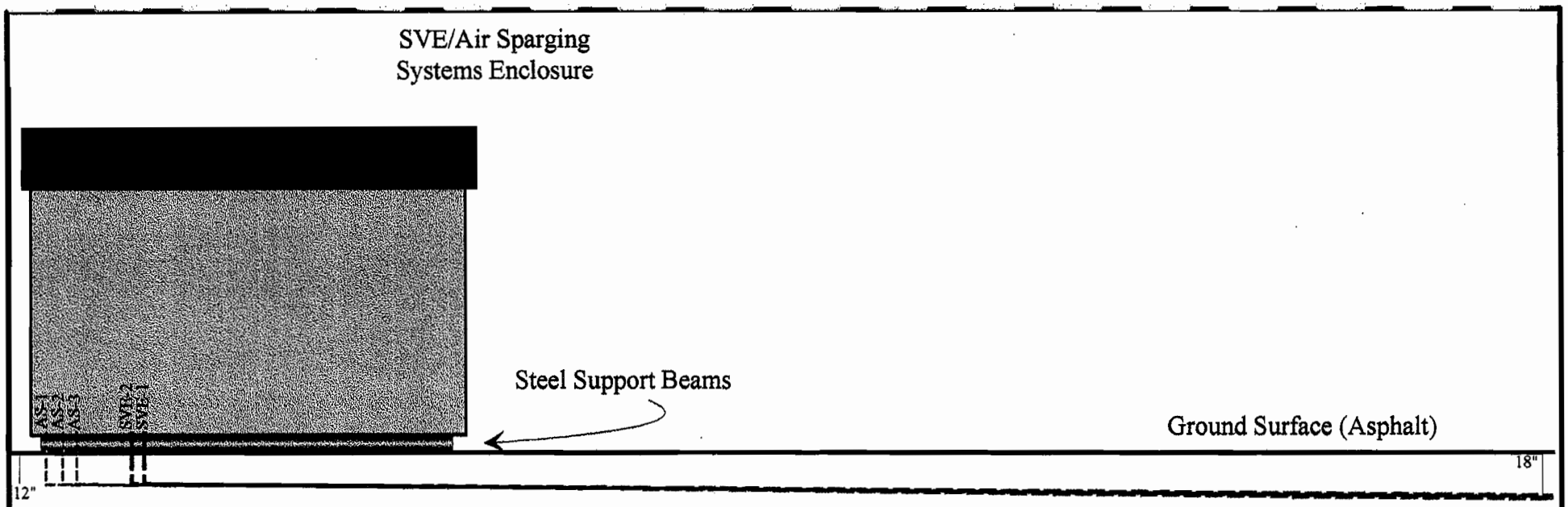
NATIONAL ENVIRONMENTAL SYSTEMS 508-761-6611 36 MAPLE AVENUE, SEEKONK, MA 02771		
PRELIMINARY LAYOUT		
JOB NAME: EPLS FRANKLIN CLEANERS		
NES PROJECT: 010086A		SHEET
DATE: 1-07-03	DRAWN CJJ	REV:
SCALE: N. T. S.	DESIGN RJ	LAYOUT



ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: February 2001	PROJECT NO.: W0000
PROCESS FLOW DIAGRAM	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Approx. 1"=2'	FIGURE NO.: 2
		DRAWN BY: MS	LOCATION: Hempstead, NY

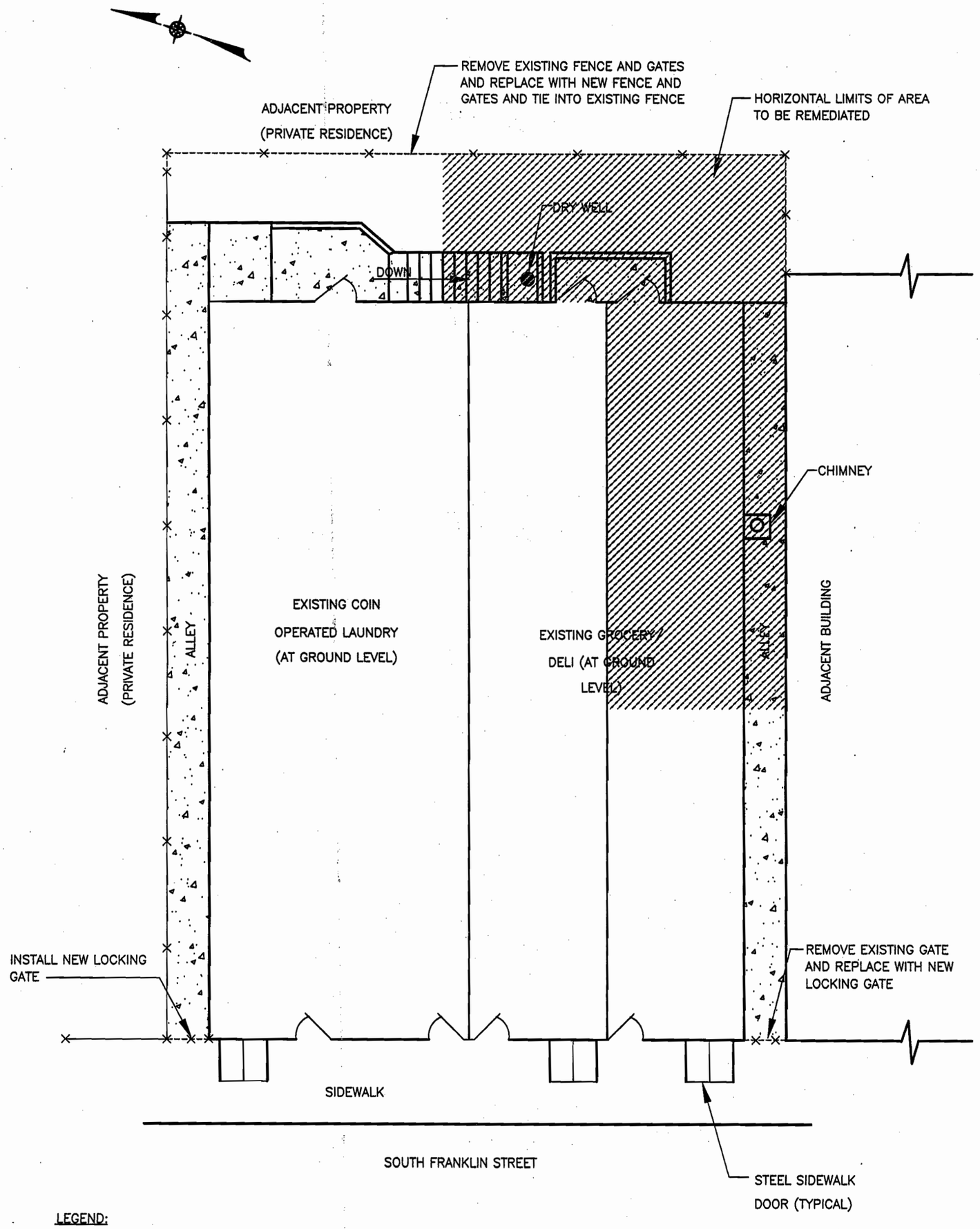


ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: January 3, 2003	PROJECT NO.: W0000/K0122
Pipe Elevation Layout South View	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Approx. Horizontal 1"=10' Vertical 1"=2'	FIGURE NO.: 3
		DRAWN BY: Geoscience	LOCATION: Hempstead, NY



---------- PIPING RUNS

ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: November 2002	PROJECT NO.: W000
Pipe Cross Section East View	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Approx. 1"=5'	FIGURE NO.: 4
		DRAWN BY: Geoscience	LOCATION: Hempstead, NY



LEGEND:

EXISTING FENCING TO BE PROTECTED AND REPAIRED AS DIRECTED BY THE ENGINEER

EXISTING CONCRETE

HORIZONTAL LIMITS OF AREA TO BE REMEDIATED

REMOVE EXISTING FENCE AND GATES AND REPLACE WITH NEW FENCE AND GATES AND TIE INTO EXISTING FENCE

10 0 10

SCALE IN FEET

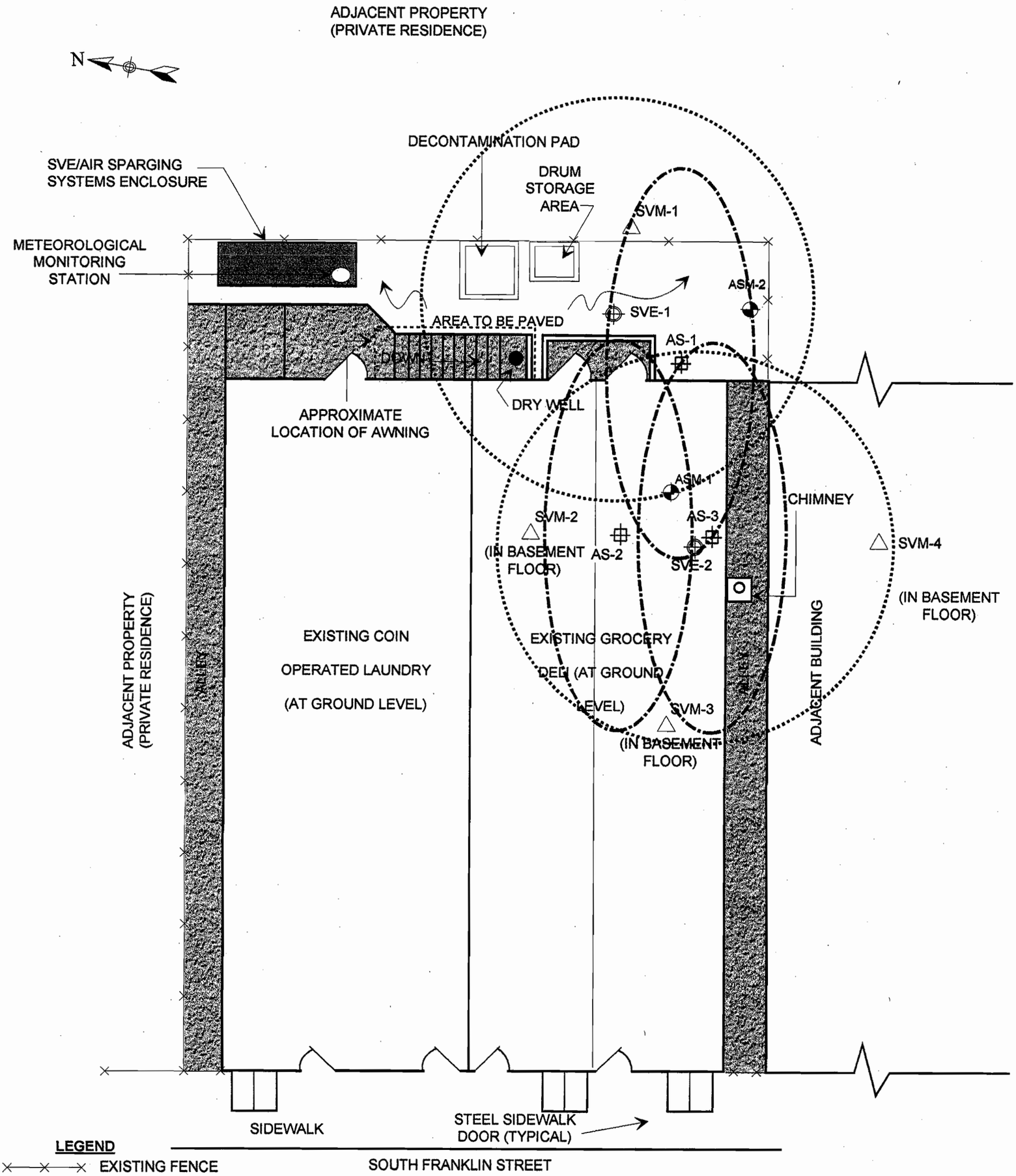
DIR: 1640 FILE: 1640-10A (WM/10-28-99)

FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

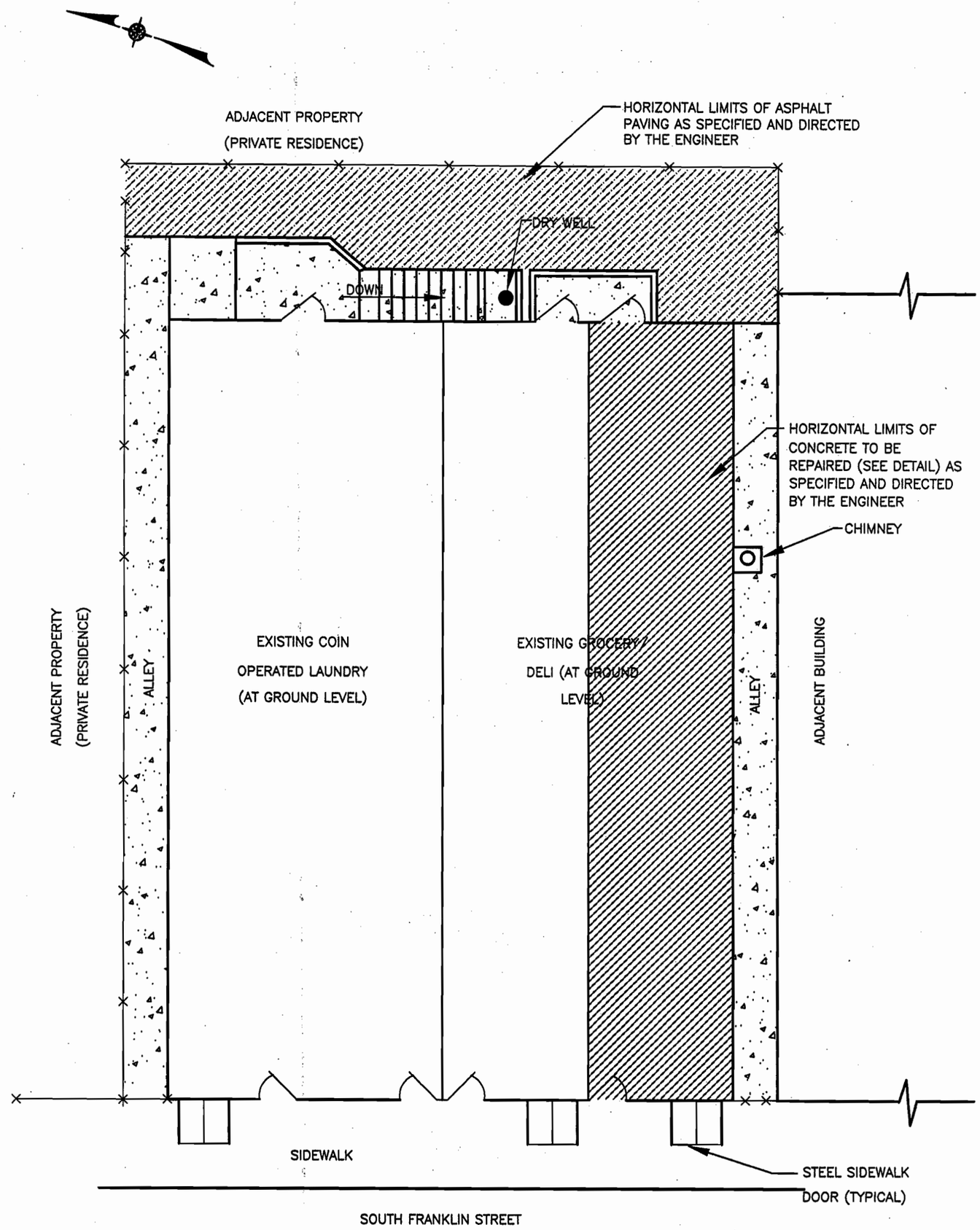
LIMITS OF AREA TO BE REMEDIATED AND FENCING

Dvirka and Bartilucci Consulting Engineers
A Division of William F. Cosulich Associates, P.C.

DRAWING 4

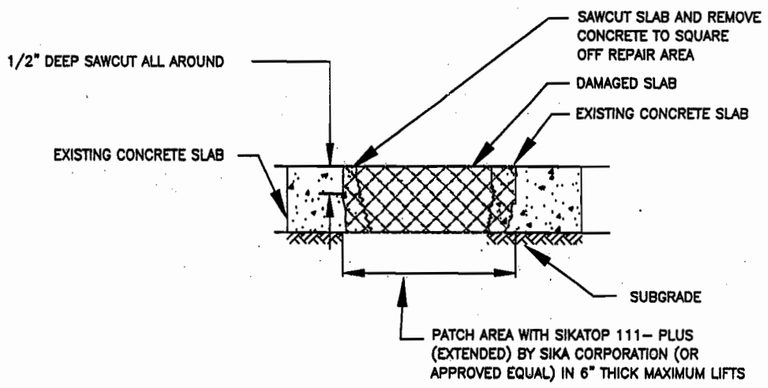


Environmental Products & Services, Inc.	DATE: FEBRUARY 2003	PROJECT NO.: W0000
SITE LAYOUT DIAGRAM	SCALE: 1" = 10'	FIGURE NO.: 6
	DRAWN BY: Geoscience	LOCATION: Hempstead, NY



LEGEND:

- EXISTING FENCING
- EXISTING CONCRETE
- HORIZONTAL LIMITS OF CONCRETE TO BE REPAIRED (SEE DETAIL) AS SPECIFIED AND DIRECTED BY THE ENGINEER
- HORIZONTAL LIMITS OF ASPHALT PAVING AS SPECIFIED AND DIRECTED BY THE ENGINEER



FLOOR REPAIR DETAIL
N.T.S.

10 0 10
SCALE IN FEET

DIR: 1640 FILE: 1640-13 (WM/10-28-99)

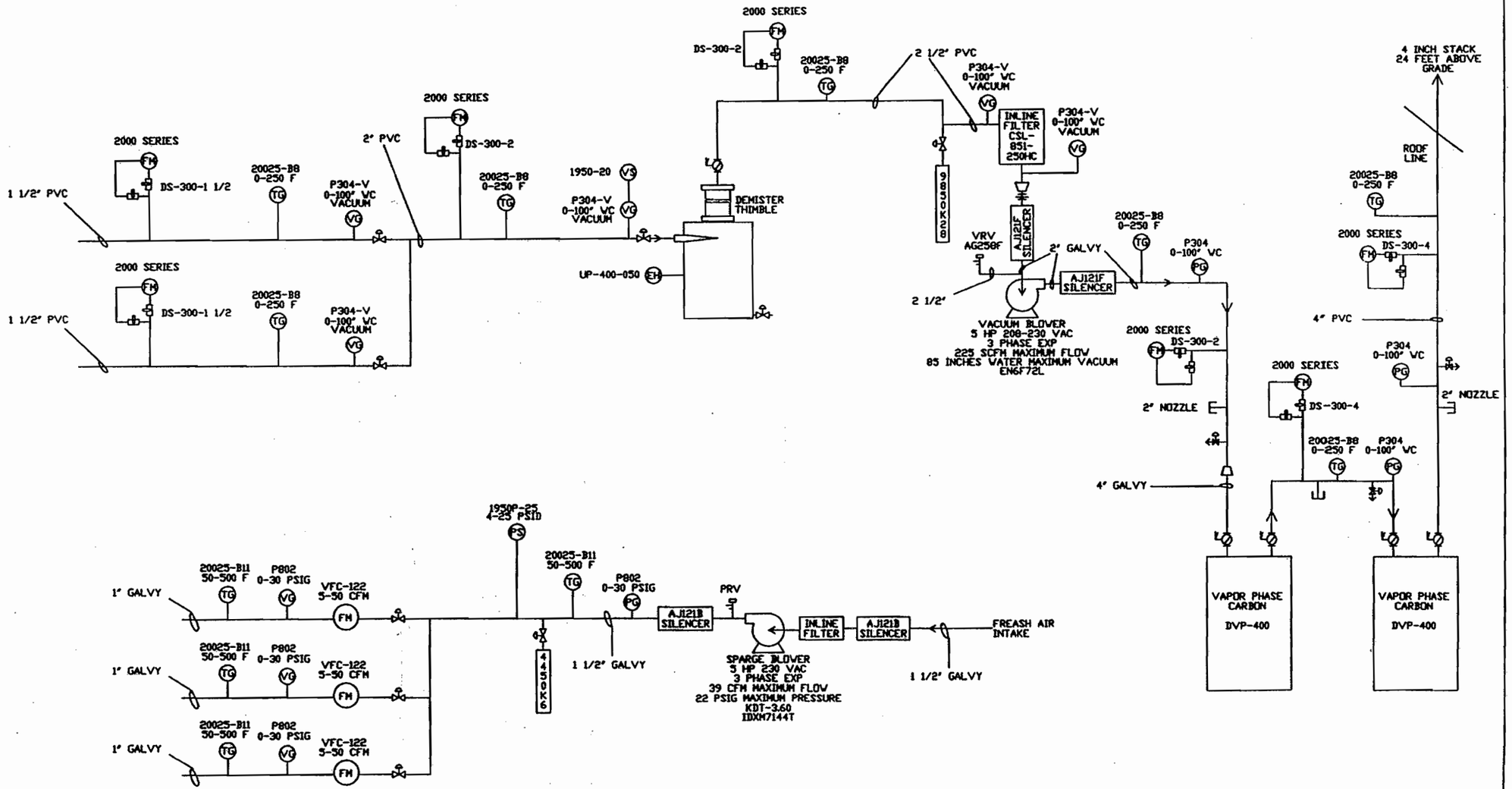
FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

LIMITS OF CONCRETE BASEMENT TO BE REPAIRED

Dvirka and Bartilucci
Consulting Engineers
A Division of William F. Cosulich Associates, P.C.

DRAWING 9

P&ID



1. INSTRUMENTATION LOCATION SUBJECT TO CHANGE DURING CONSTRUCTION.
2. FLOW METERS TO READ IN DIRECT CFM.
3. DISCHARGE STACK TO BE ERECTED ON SITE BY OTHERS.
4. STACK GUYING TO BE DONE ON SITE BY OTHERS.

LEGEND	
CHECK VALVE	EH EMERGENCY HIGH SWITCH
BALL VALVE	H HIGH LEVEL FOR PUMP TURN ON
SAMPLE PORT	L LOW LEVEL FOR PUMP TURN OFF
RELIEF VALVE	PS PRESSURE SWITCH
SOLENOID VALVE	PG PRESSURE GAUGE
BUTTERFLY VALVE	VS VACUUM SWITCH
	TG TEMPERATURE GAUGE
	VG VACUUM GAUGE
	FM FLOW METER

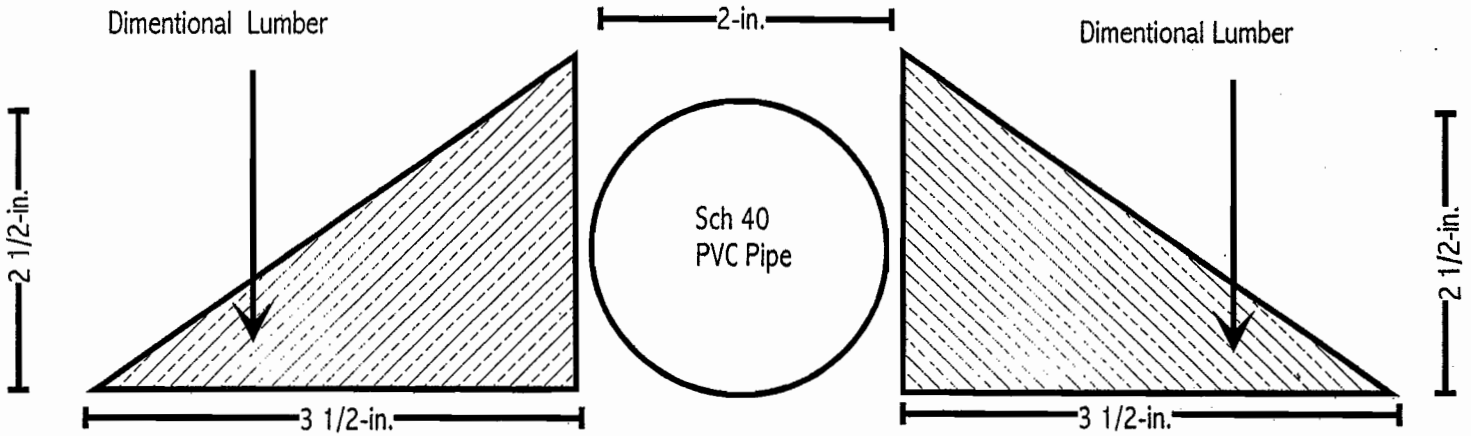
NATIONAL ENVIRONMENTAL SYSTEMS
508-761-6611
36 MAPLE AVENUE, SEEKONK, MA 02771

PROCESS AND INSTRUMENTATION DIAGRAM

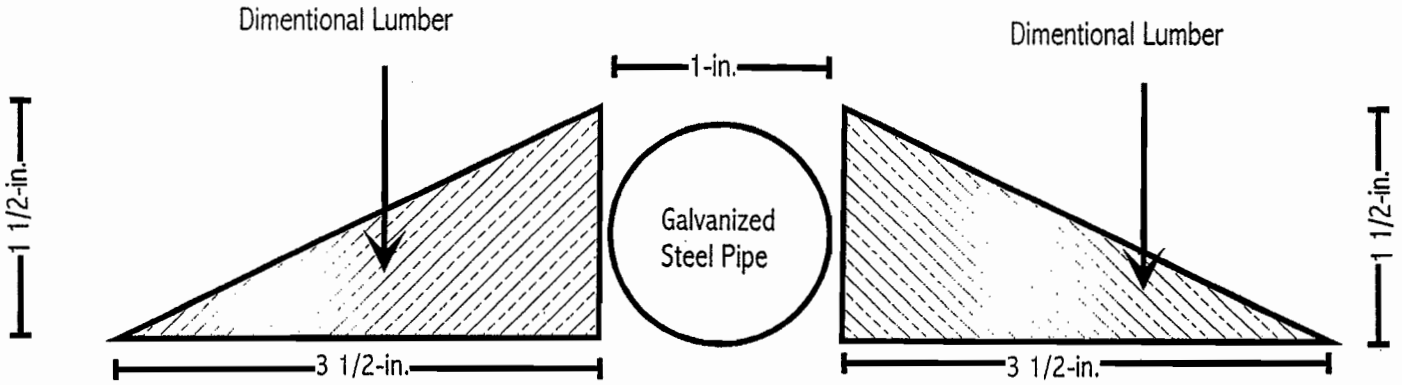
JOB NAME: EP&S - FRANKLIN CLEANERS

NES PROJECT#: 01-A-086		SHEET	
DATE: 1-07-03	DRAWN: CJJ		REV'd
SCALE: N. T. S.	DESIGN: JLB	P&ID2	

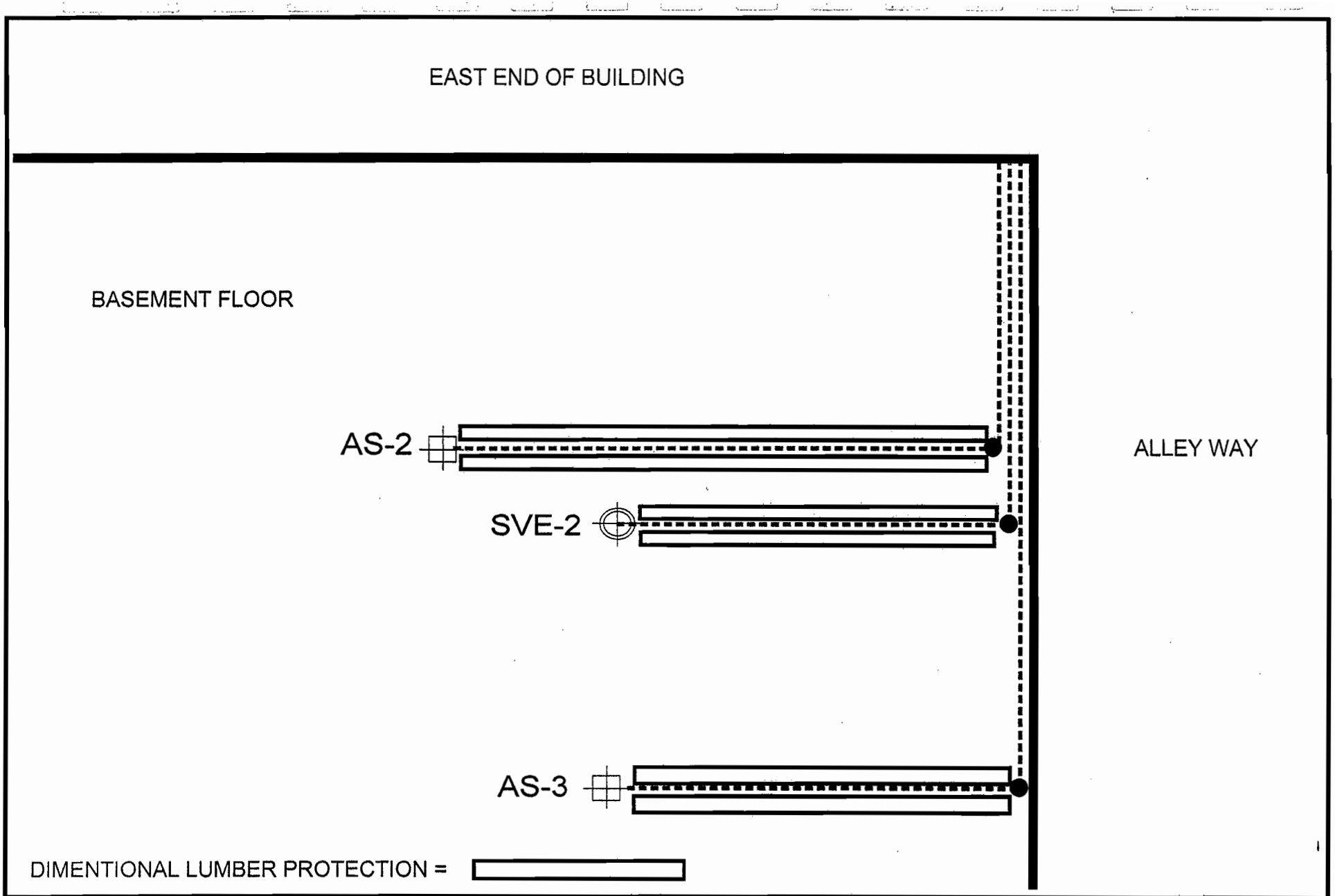
Soil Vapor Extration Laterals



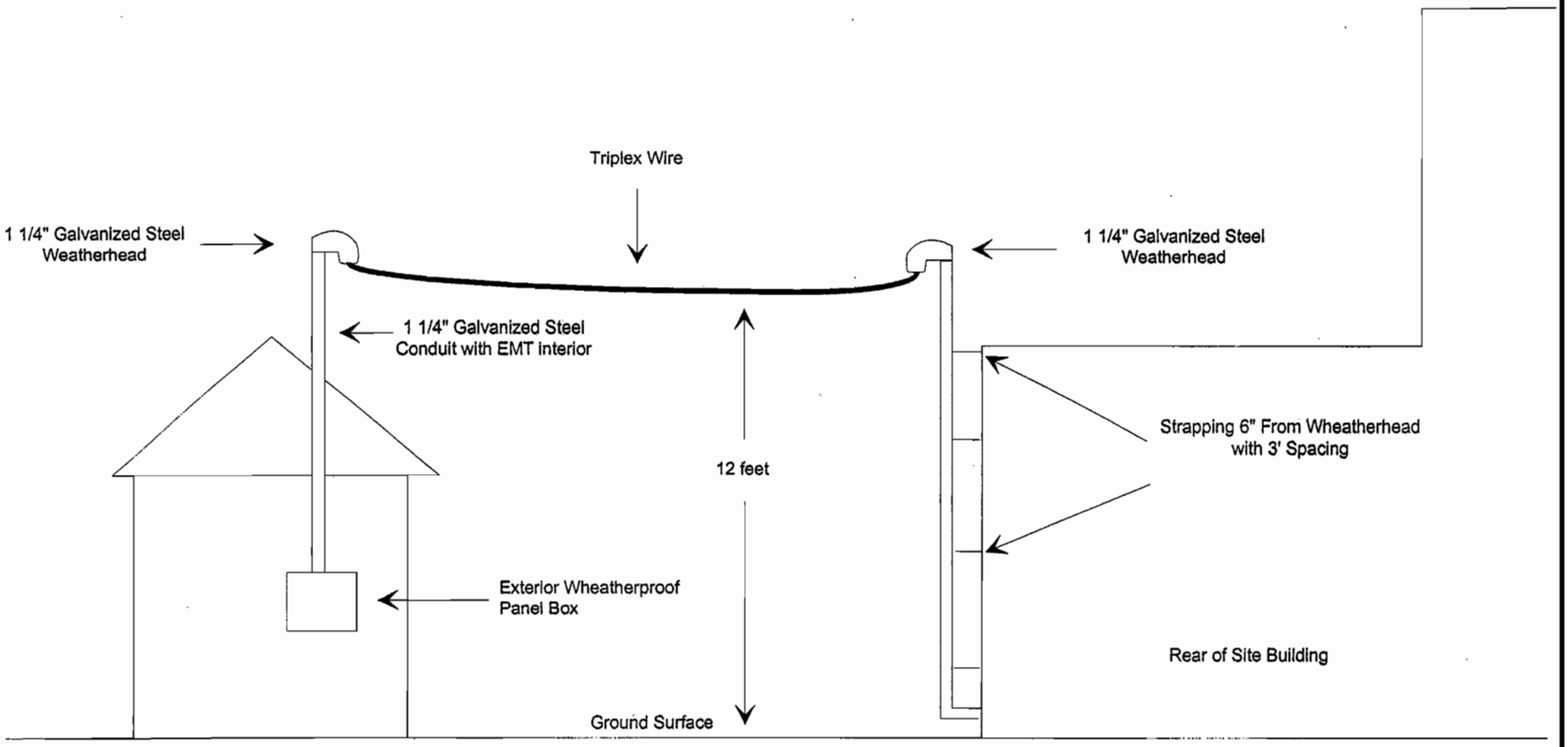
Air Sparge Laterals



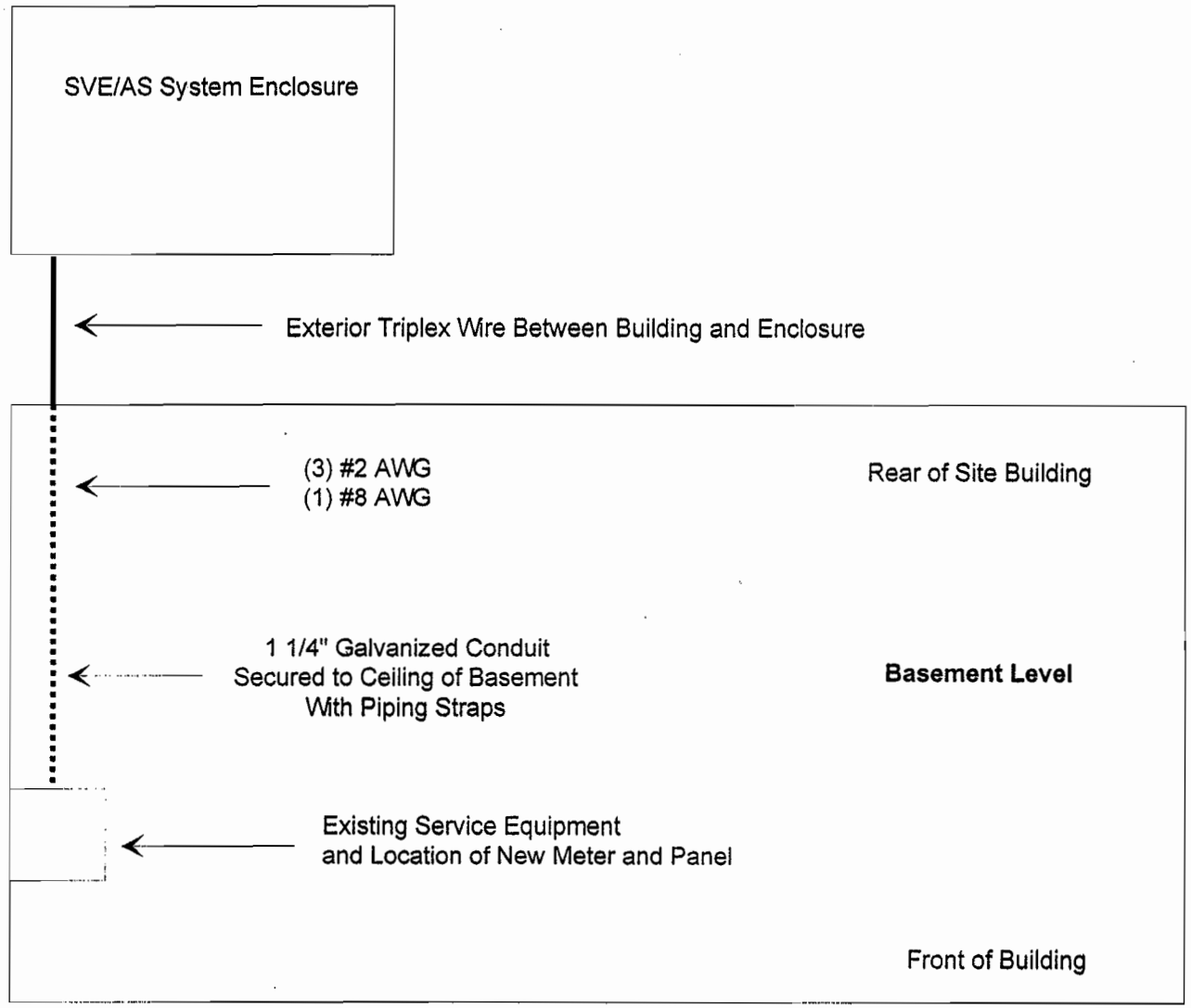
ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: January 2003	PROJECT NO.: W0000
Side Profile of Piping Protection	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Not to Scale	FIGURE : 7
		DRAWN BY: JP	LOCATION: Hempstead, NY



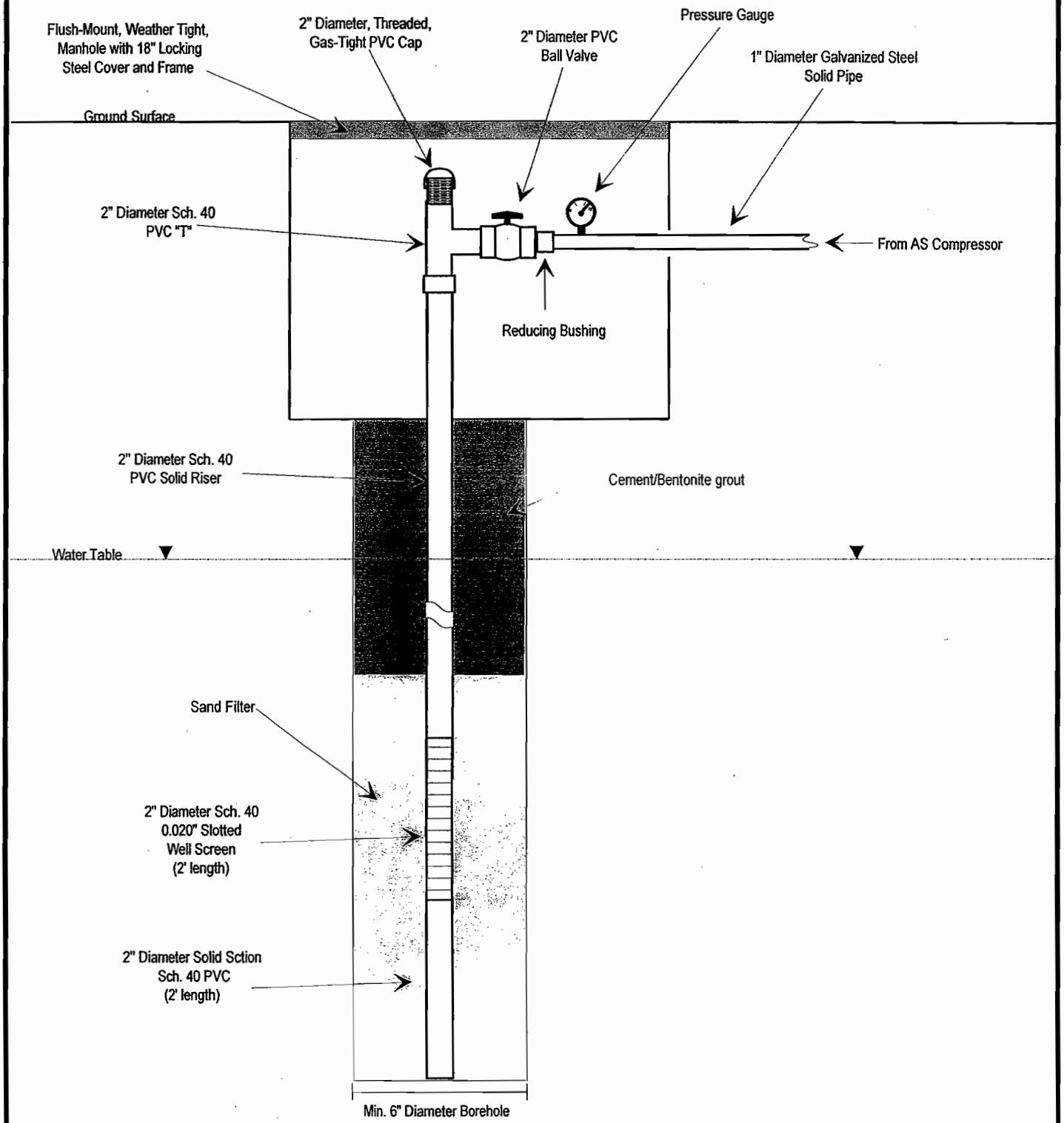
ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: January 2003	PROJECT NO.: W0000
Plan View of Pipe Protection	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Not to Scale	FIGURE : 8
		DRAWN BY: JP	LOCATION: Hempstead, NY



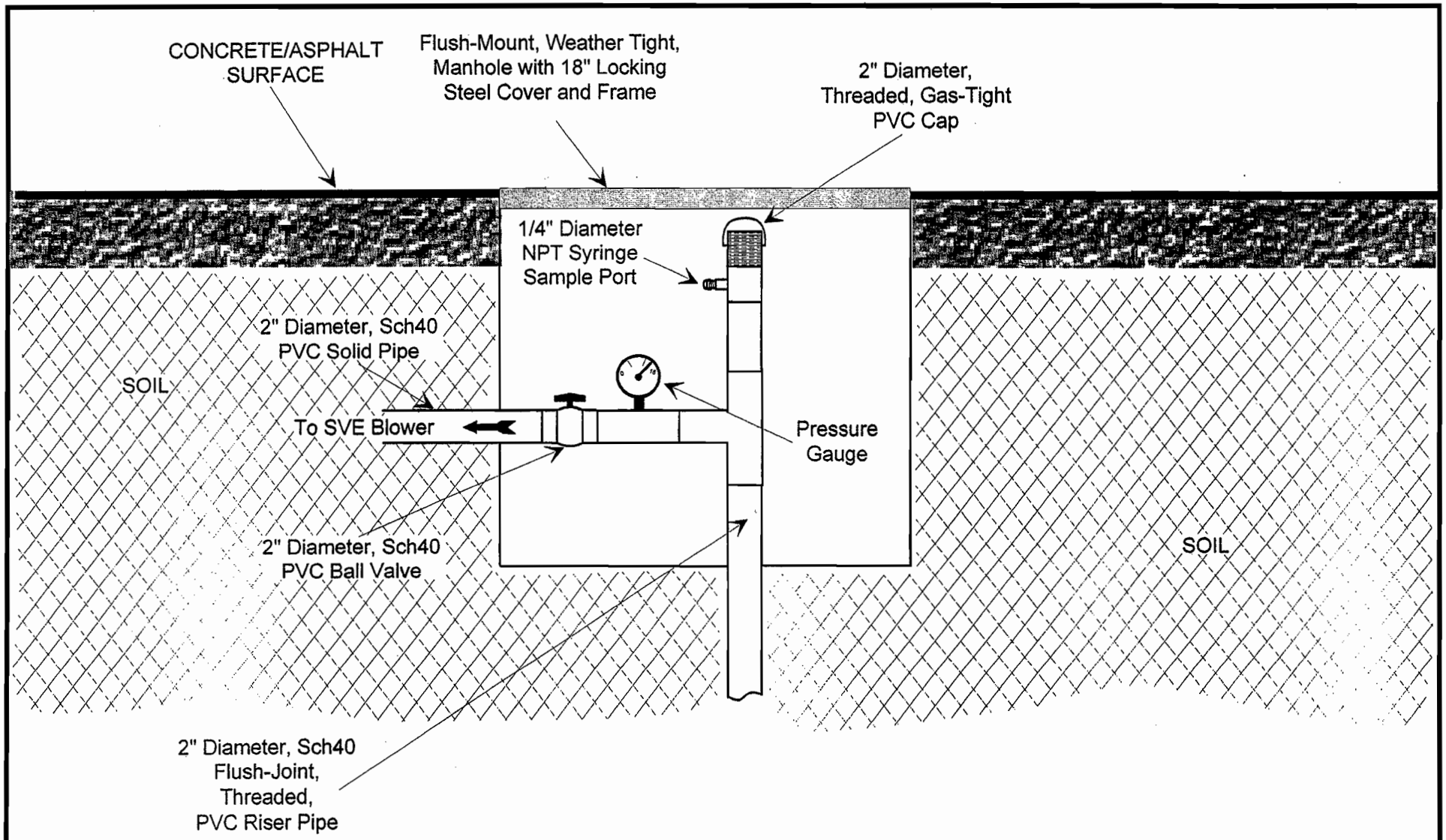
ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: January 2003	PROJECT NO.: W0000
Electrical Distribution to System Enclosure Diagram	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Not to Scale	FIGURE :9
		DRAWN BY: JP	LOCATION: Hempstead, NY



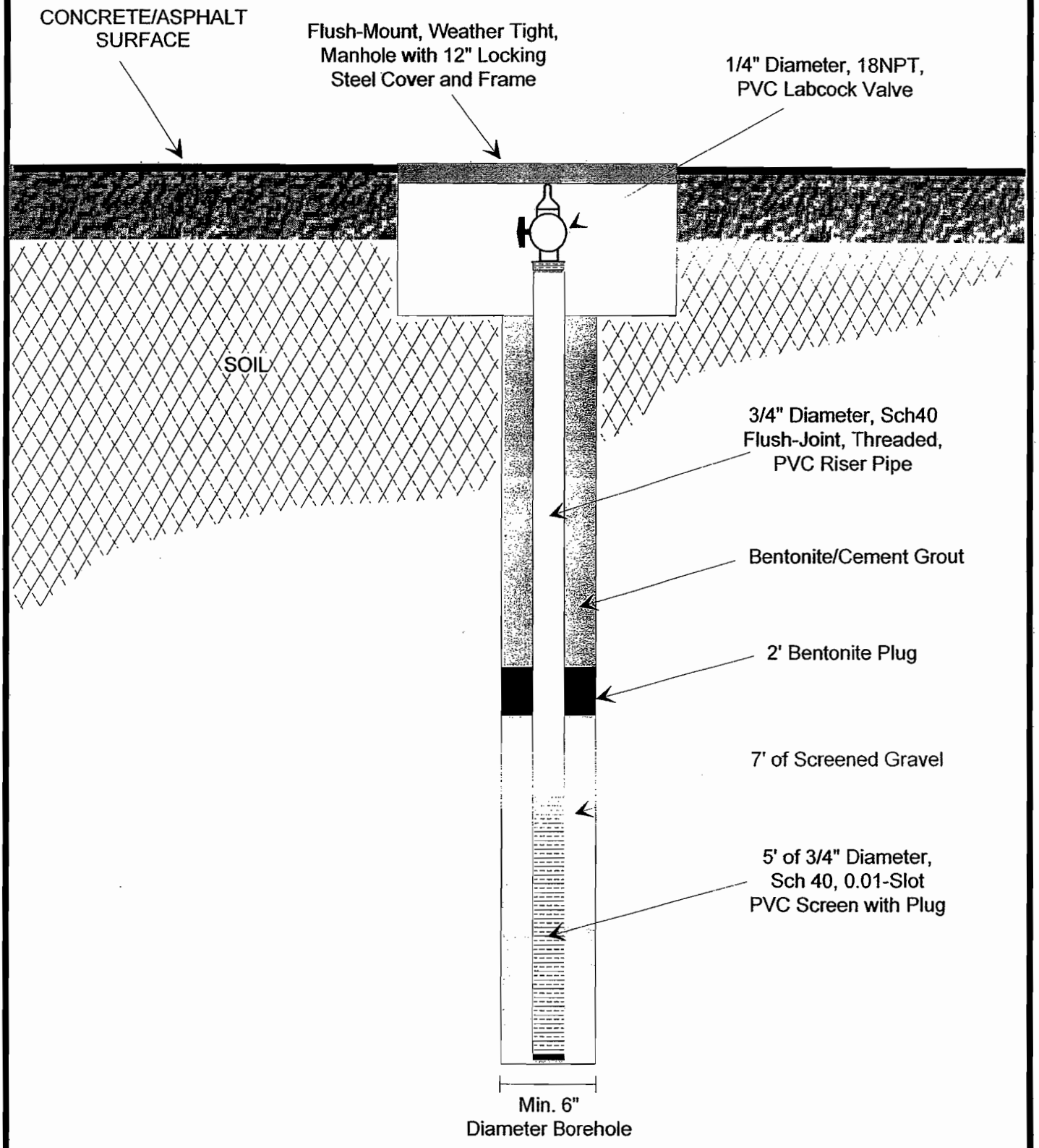
ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: January 2003	PROJECT NO.: W0000
Electrical Distribution Plan View Diagram	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Not to Scale	FIGURE : 10
		DRAWN BY: JP	LOCATION: Hempstead, NY



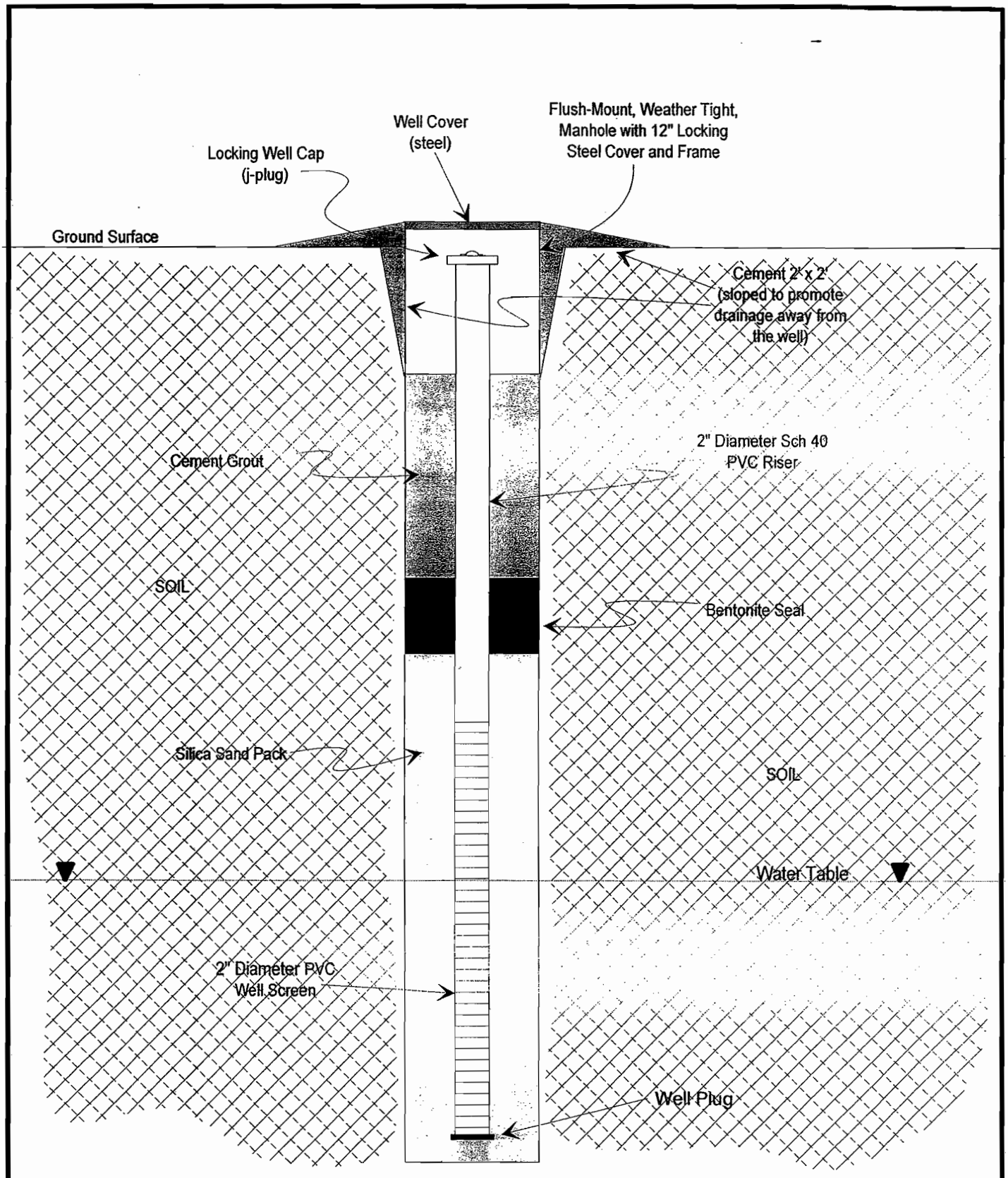
Environmental Products & Services, Inc.		Date: November 2002	Project No.: W0000
Cross Section of Typical Air Sparging Well Illustrating Construction Details	NYSDEC Franklin Cleaners Site Hempstead, New York	Scale: Not to Scale	APPENDIX A:
		Drawn By: Geoscience	Location: Hempstead, NY



ENVIRONMENTAL PRODUCTS & SERVICES, INC.		DATE: November 2002	PROJECT NO.: W0000
SOIL VAPOR EXTRACTION WELLS **Well-Head Details**	NYSDEC Franklin Cleaners Hempstead, NY	SCALE: Not to Scale	APPENDIX A:
		DRAWN BY: Geoscience	LOCATION: Hempstead, NY

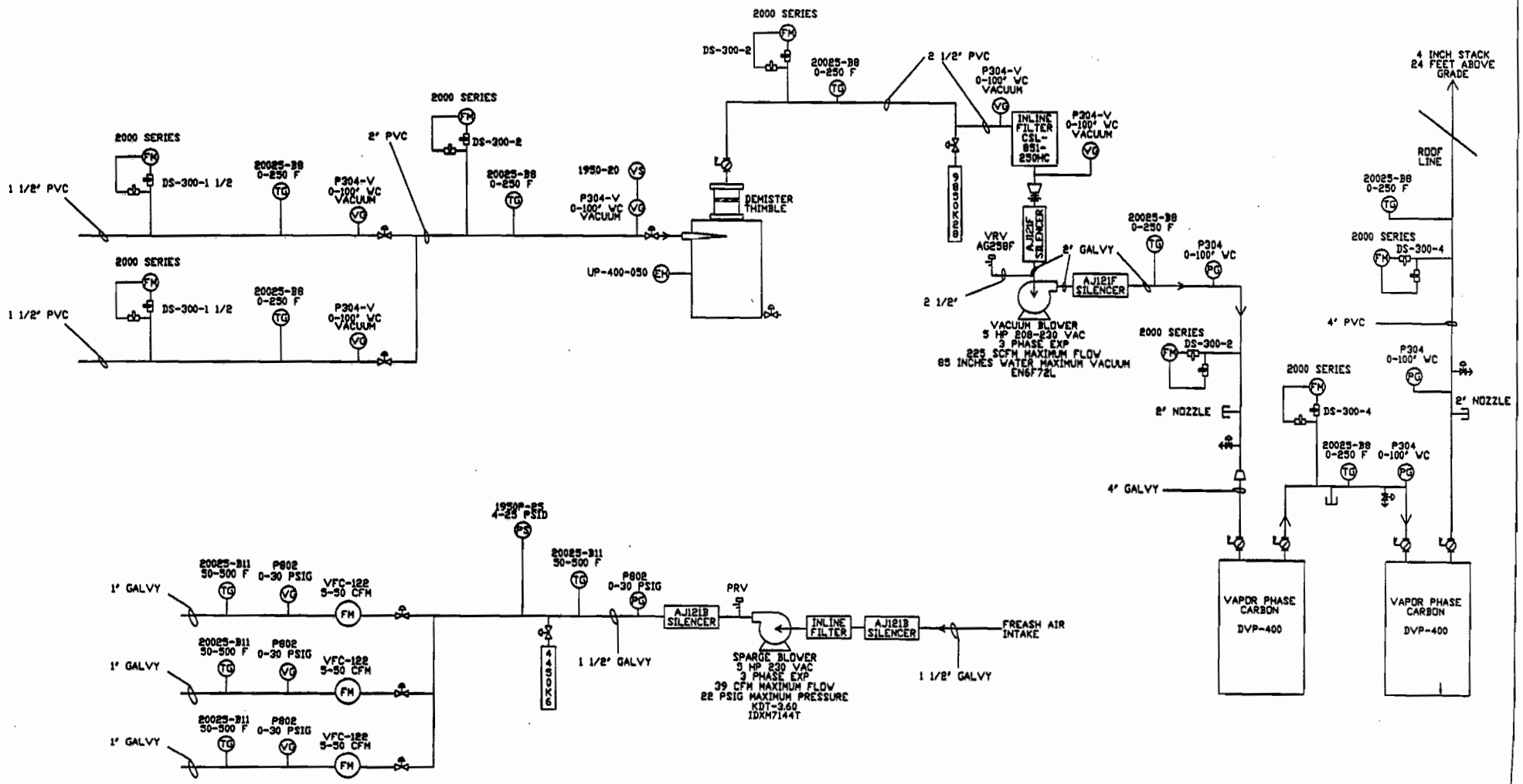


Environmental Products & Services, Inc.	Date: December 2002	Project No.: W0000
NYSDEC - Franklin Cleaners **VAPOR MONITORING PROBE WELL COMPLETION DIAGRAM**	Scale: Not to Scale	APPENDIX A:
	Drawn By: Geoscience	Location: Hempstead, NY



Environmental Products & Services, Inc.		Date: November 2002	Project No.: W0000
Monitoring Well Schematic	NYSDEC Franklin Cleaners Site Hempstead, NY	Scale: Not to scale	APPENDIX A:
		Drawn By: Geoscience	Location: Hempstead, NY

P&ID



1. INSTRUMENTATION LOCATION SUBJECT TO CHANGE DURING CONSTRUCTION.
2. FLOW METERS TO READ IN DIRECT CFM.
3. DISCHARGE STACK TO BE ERECTED ON SITE BY OTHERS.
4. STACK GUYING TO BE DONE ON SITE BY OTHERS.

LEGEND	
CHECK VALVE	EH EMERGENCY HIGH SWITCH
BALL VALVE	H HIGH LEVEL FOR PUMP TURN ON
SAMPLE PORT	L LOW LEVEL FOR PUMP TURN OFF
RELIEF VALVE	PS PRESSURE SWITCH
SOLENOID VALVE	PG PRESSURE GAUGE
BUTTERFLY VALVE	VS VACUUM SWITCH
	TG TEMPERATURE GAUGE
	VG VACUUM GAUGE
	FM FLOW METER

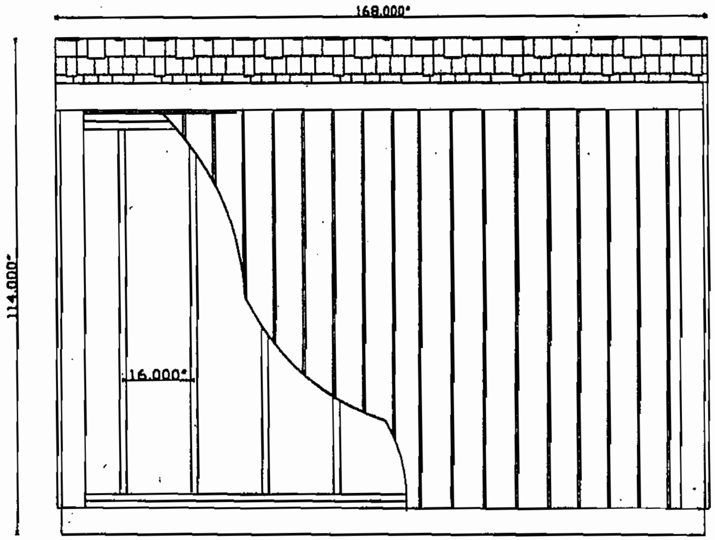
NATIONAL ENVIRONMENTAL SYSTEMS
508-761-6611
36 MAPLE AVENUE, SEEKONK, MA 02771

PROCESS AND INSTRUMENTATION DIAGRAM

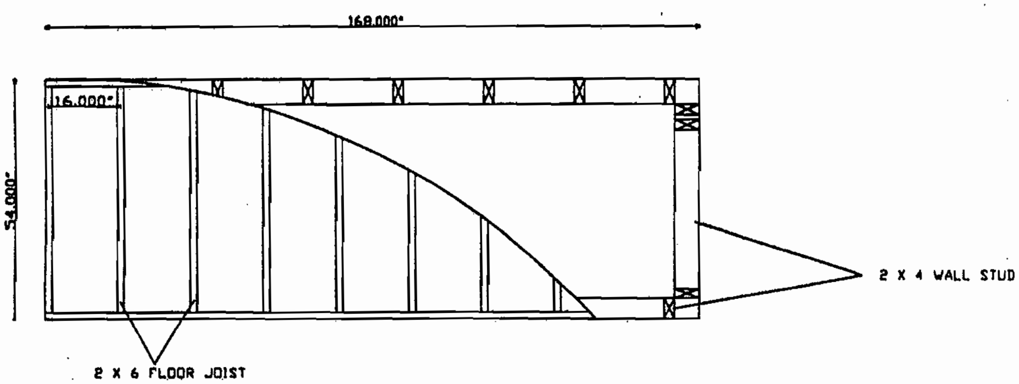
JOB NAME: EP&S - FRANKLIN CLEANERS

NES PROJECT: 01-A-086		SHEET	
DATE: 01-07-03	DRAWN: CJJ		REV: 1
SCALE: N. T. S.	DESIGN: JLB	P&ID2	

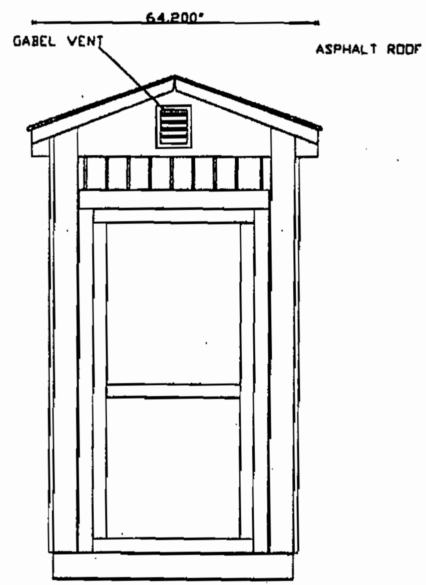
TYPICAL SHED CONSTRUCTION



3/4" PLYWOOD FLOOR



FLOOR DETAIL

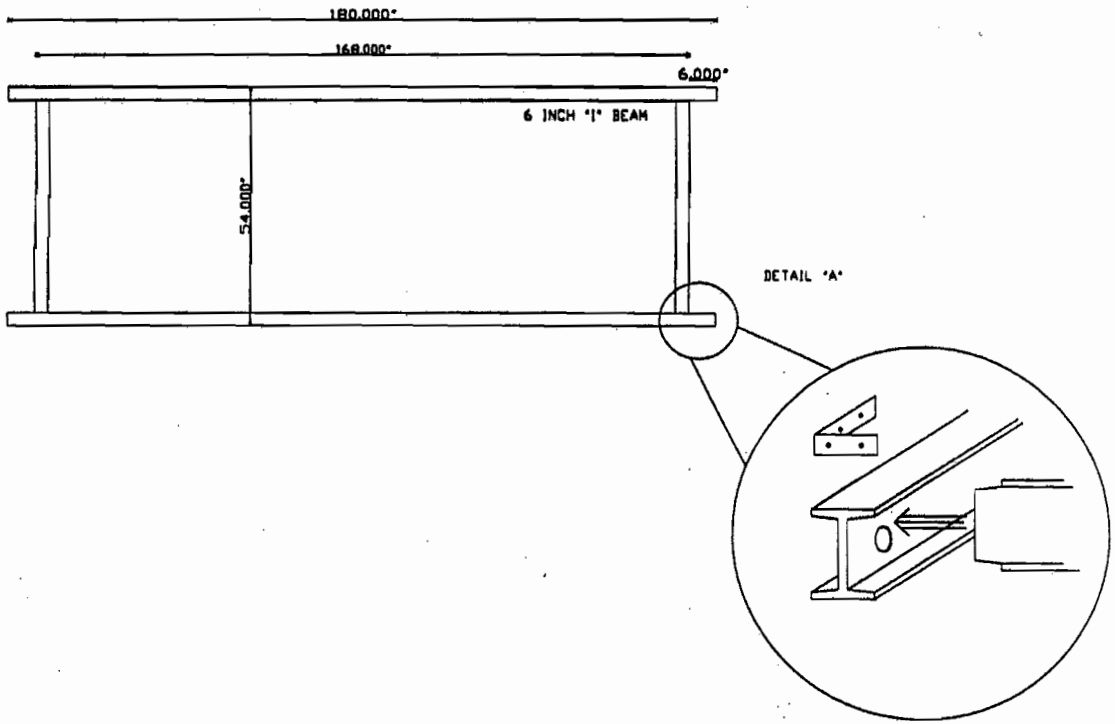


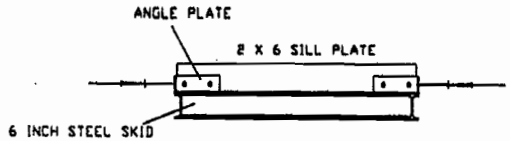
SIDE VIEW

NOTES:
1. FLOOR JOIST - 2 X 6 PRESSURE TREATED
2. FLOOR - 3/4" PLYWOOD
3. WALL 2 X 4 (16" ON CENTER)
4. ROOF RAFTERS - 2 X 4 (16" ON CENTER)
5. ROOF - 20 YEAR ASPHALT SHINGLES
6. ROOF - 1/2" PLYWOOD
SIDING - T-111
INTERIOR - 1/2" PLYWOOD (OPTIONAL)
INTERIOR - 1/2" SHEET ROCK (OPTIONAL)

TYPICAL SKID CONSTRUCTION

FRONT VIEW

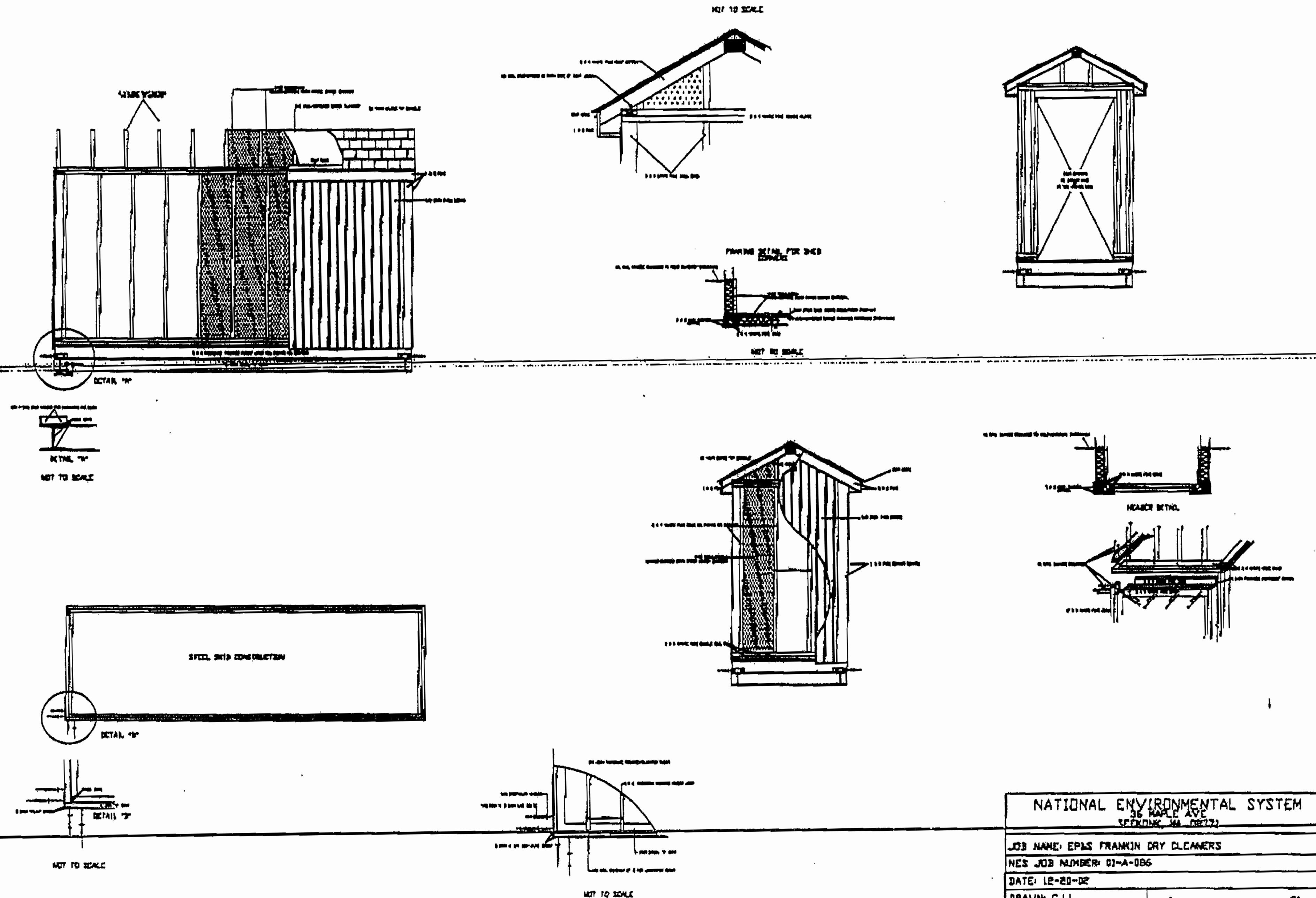




SIDE VIEW

NOTES:
1. SKID CONSTRUCTION IS 6 INCH STEEL "I" BEAM.
2. SHED IS LAGGED TO STEEL SKID THROUGH ANGLE IRON WELDED TO THE CORNERS.

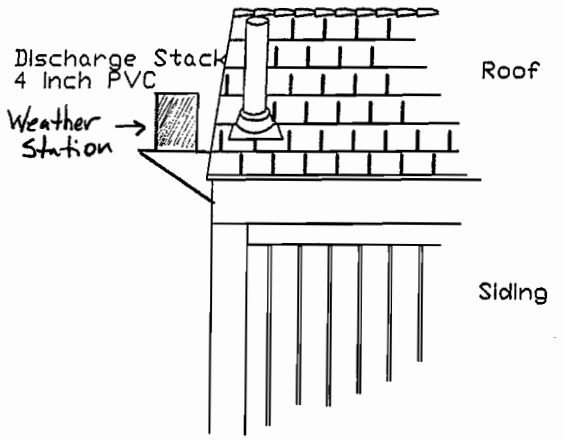
2-5

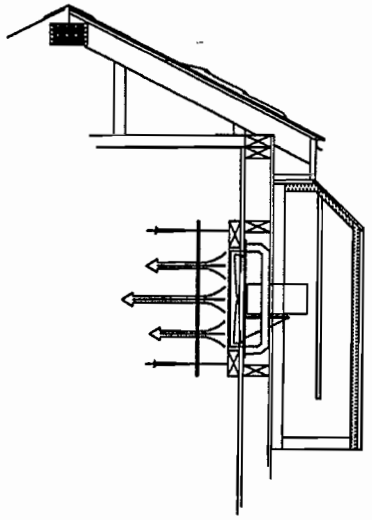


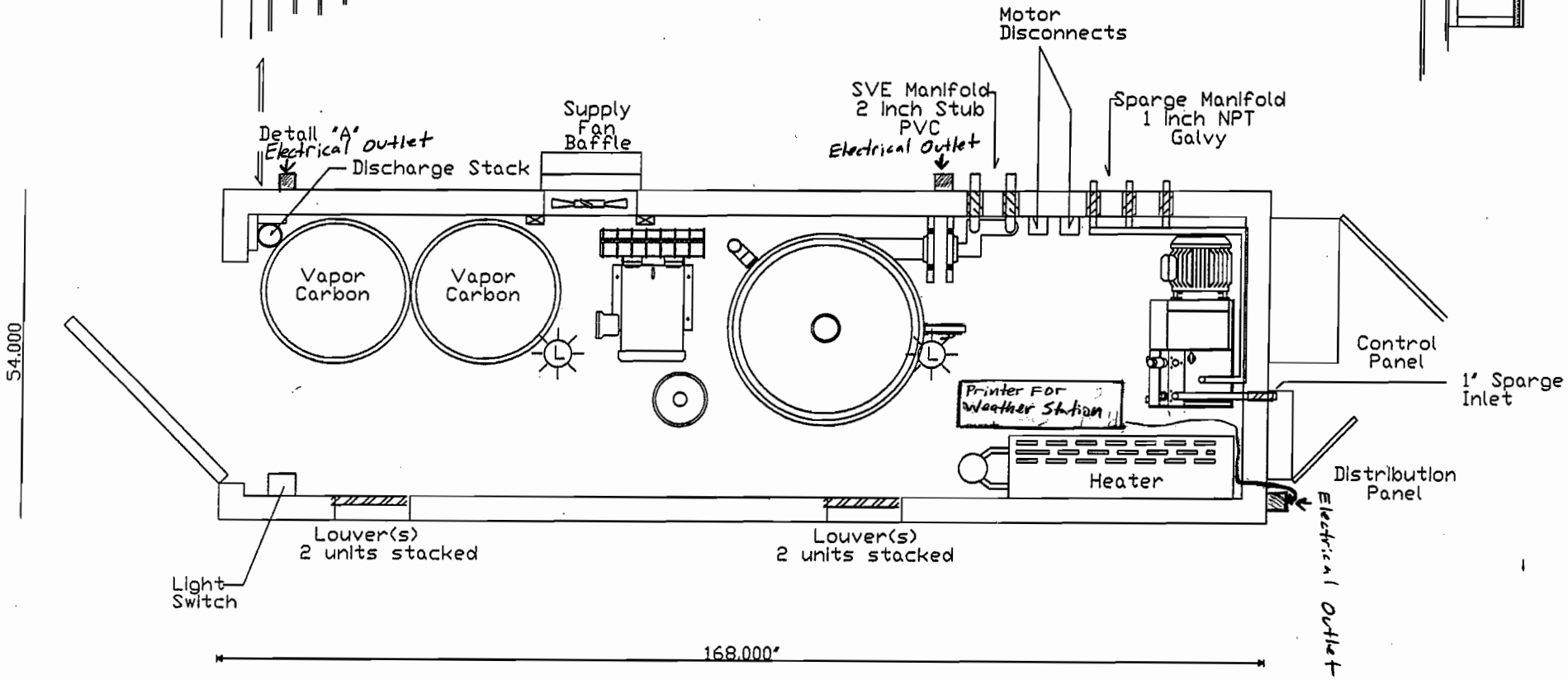
NATIONAL ENVIRONMENTAL SYSTEM
36 MAPLE AVE
SEEKONK, MA 02771

JOB NAME: EP&S FRANKIN DRY CLEANERS	
NES JOB NUMBER: 01-A-086	
DATE: 12-20-02	
DRAWN: CJJ	0 1' 2' 3' 4' 5'
DESIGN: JLB	
REV:	NOTES:

1. DISCHARGE STACK TO BE SAME HEIGHT AS THE TOP OF THE ROOF. A SEPERATE SECTION OF PIPE WILL BE SHIPPED TO COMPLETE THE 24' HEIGHT REQUIREMENT.
2. STACK GUYING TO BE DONE BY OTHERS.
3. CONNECTION TYPE WILL BE A 4 INCH PVC COUPLING.
4. LOOSE STACK TO BE SCHEDULE 40 PVC.
5. RAIN HAT AND SCREEN TO BE INSTALLED ON SITE.

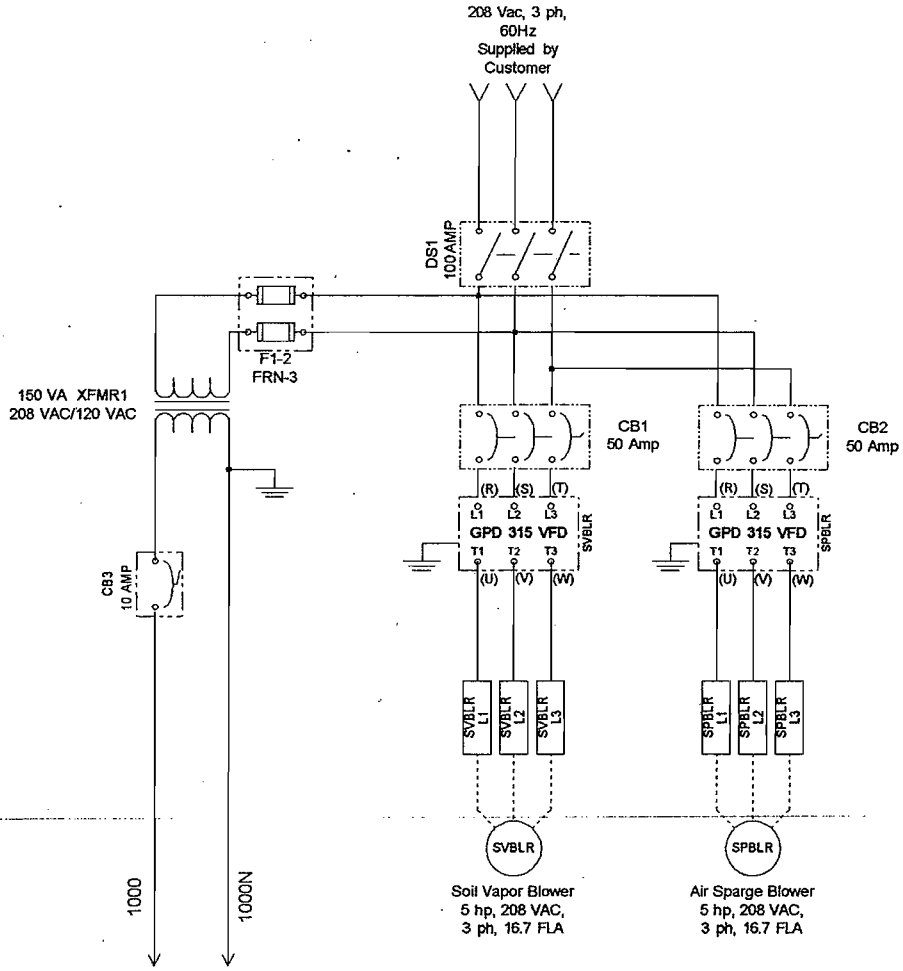






NOTES:
1. DRAWING DEPICTS PRELIMINARY LAYOUT ONLY. SUBJECT TO CHANGE DURING CONSTRUCTION.
2. INTERIOR CLASSIFIED AS CLASS 1 DIV 2
3. CERTAIN ITEMS/COMPONENTS NOT SHOWN FOR DRAWING CLARITY.

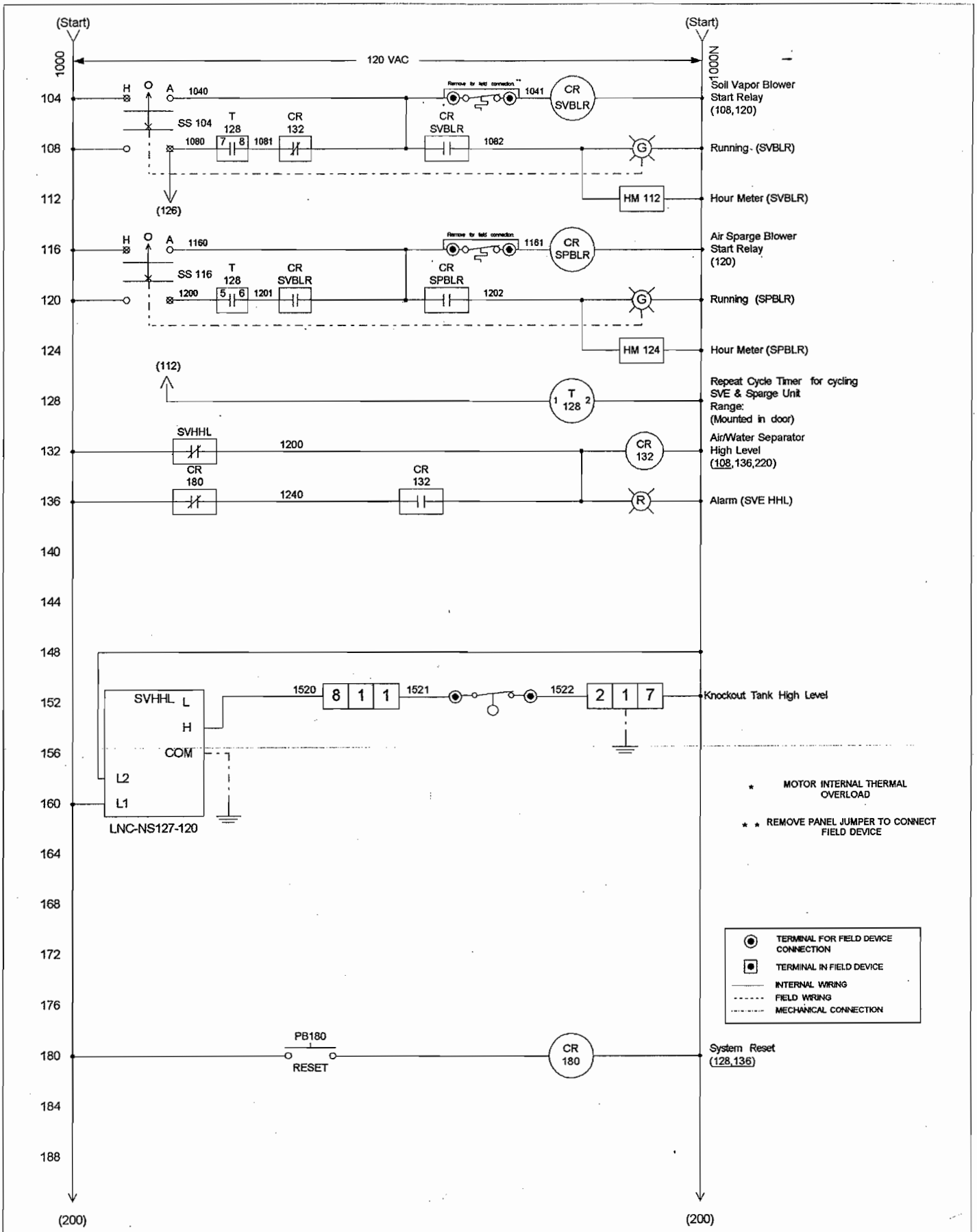
NATIONAL ENVIRONMENTAL SYSTEMS 508-761-6611 36 MAPLE AVENUE, SEEKONK, MA 02771	
PRELIMINARY LAYOUT	
JOB NAME: EP&S FRANKLIN CLEANERS	
NES PROJECT: 01Q086A	SHEET
DATE: 2-25-03	DRAWN: CJJ
	REV:



Rev.	Date	By	Description
4			
3			
2			
1			
0			

PRODUCT LEVEL CONTROL, INC.

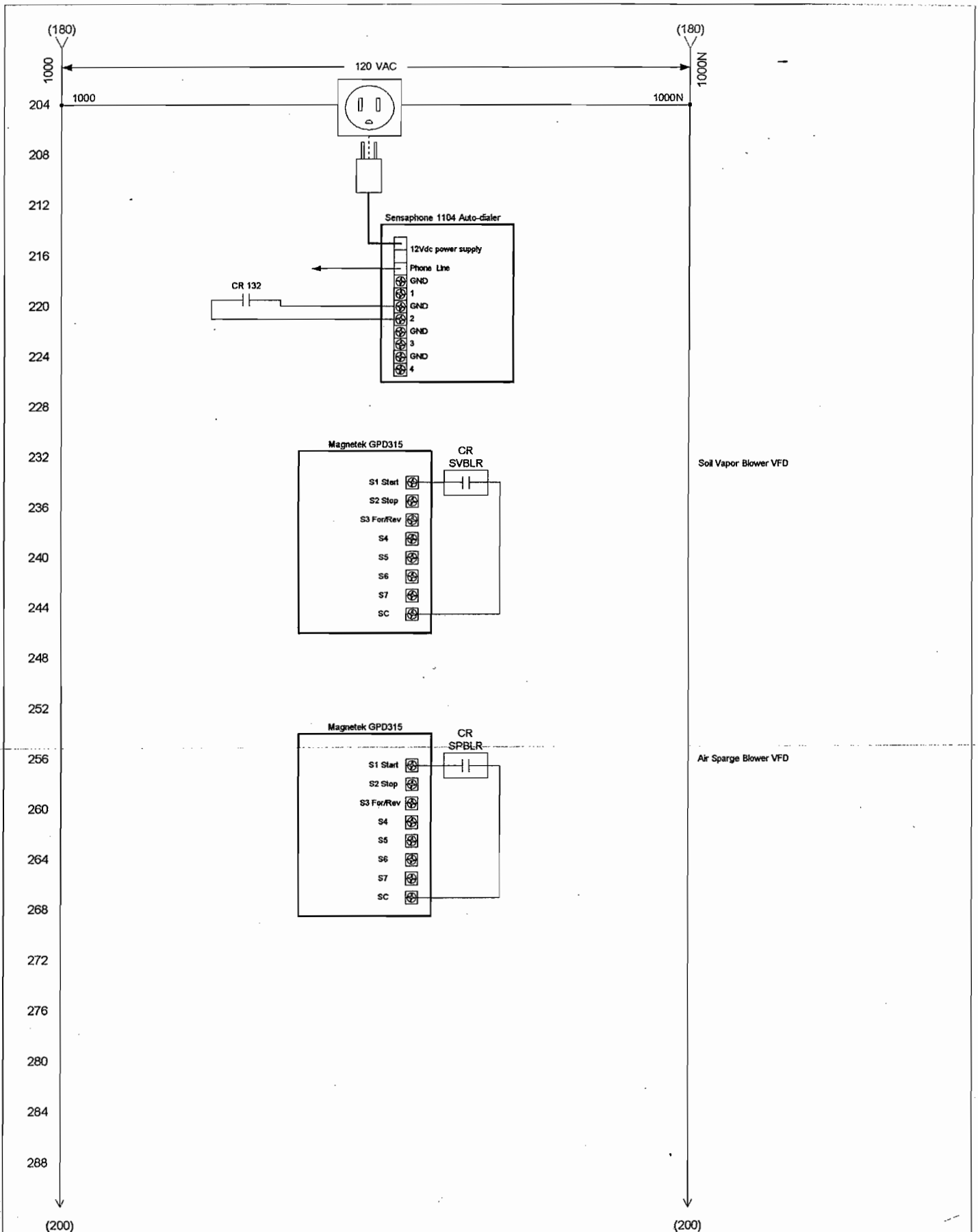
Customer: Environmental Products		Drawing No.: 2000-0183.vsd	Rev.: 0
Site Reference: NYSDEC/Franklin Cleaners		Sheet No.: Sheet 2 of 5	Scale: None
Liverpool, NY		Drawn By: GDS	Drawn Date: 02/19/01
Cust. P.O. No.:	PLC Spec No.: 2000-0183	Title: Power Wiring/Distribution	



Rev.	Date	By	Description
4			
3			
2			
1			
0			

PRODUCT LEVEL CONTROL, INC.

Customer: Environmental Products		Drawing No.: 2000-0183.vsd	Rev.: 0
Site Reference: NYSDEC/Franklin Cleaners		Sheet No.: Sheet 3 of 5	Scale: None
Liverpool, NY		Drawn By: SDB	Drawn Date: 02/19/01
Cust. P.O. No.:	PLC Sales No.: 2000-0183	Title: Control Logic	



Rev.	Date	By	Description
4			
3			
2			
1			
0			

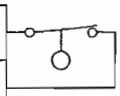
PRODUCT LEVEL CONTROL, INC.

Customer: Environmental Products		Drawing No.: 2000-0183.vsd	Rev.: 0
Site Reference: NYSDEC/Franklin Cleaners		Sheet No.: Sheet 4 of 5	Scale: None
Liverpool, NY		Drawn By: SDB	Drawn Date: 02/19/01
Cust. P.O. No.:	PLC Sales No.: 2000-0183	Title: Control Logic	

CONNECTION DIAGRAM FOR FIELD DEVICES

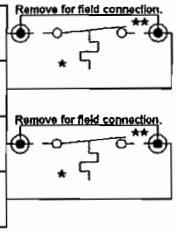
INTRINSIC INPUTS

1521	SVE High High Level
1522	



OTHER INPUTS

1040	SVE BLOWER THERMAL OVERLOAD
1041	
1160	AIR SPARGE BLOWER THERMAL OVERLOAD
1161	



Rev.	Date	By	Description
4			
3			
2			
1			
0			

PRODUCT LEVEL CONTROL, INC.

Customer: Environmental Products		Drawing No.: 2000-0183.vsd	Rev.: 0
Site Reference: NYSDEC/Franklin Cleaners		Sheet No.: Sheet 5 of 5	Scale: None
Liverpool, NY		Drawn By: GDS	Drawn Date: 02/19/01
Cust. P.O. No.:	PLC Sales No.: 2000-0183	Title: Field Connections	

Appendix E

APPENDIX E

BORING/WELL CONSTRUCTION LOGS

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: SVE-1
Sheet 1 of 1

Date started: 3/18/03
Date Finished: 3/18/03

Client: NYSDEC
Location: Franklin Cleaners Site
Hempstead, NY

Method of investigation: Hollow-Stem Augers

Project No.: K0122
P. Manager: Dale Braue

Drilling Co.: Lyon Drilling Co.
Geologist: Dale Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: CME-45

Weather: Clear, Calm ~60

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0.0-2.0	1 1 3 5	4	0	0.0-4.0 No recovery.			12" manhole
	2	2.0-4.0	5 3 2 1	5	0		2.0		
5	3	4.0-6.0	2 2 2 3	4	0.7	4.0-8.3 Sand, medium to fine grained; little course sand; trace fine gravel; trace ceramic; trace concrete; tan-brown, moist (fill?).	0.2		6.8' of 2" diameter Sch 40 PVC riser
	4	6.0-8.0	4 3 2 2	5	1		5.8 0.2		Bentonite/ Cement Grout
10	5	8.0-10.0	1 1 4 8	13	1.2	8.3-13.5 Sand, medium to coarse grained; little fine gravel; trace fine sand; tan, moist (apparent native).	8.8 0.2 0.2		2' Bentonite Seal
	6	10.0-12.0	2 5 8 8	22	1.5		0.4		
	7	12.0-14.0	9 12 10 10	18	2	13.5-16.0 Sand, medium to coarse grained; some fine gravel; trace fine sand; tan, moist.	0.4		Sand Pack
15	8	14.0-16.0	6 8 10 11	11	2		0.4		
						16.5 End of boring.			5' of 2" diameter Sch 40, 0.01 slot PVC well screen
20							16.4		
									6 5/8" diameter borehole
25									
30									
35									

Sample Types:
S = Split Spoon: 2" by 2' T= Shelby Tube: ____
R = Rock Core: ____ O = ____
N = ASTM D1586

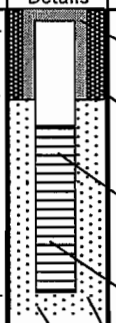
Well Backfill Key
Cement
Native Fill
Sand
Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: SVE-2	Date started: 3/13/03
		Sheet	Date Finished: 3/13/03

Client: NYSDEC	Method of investigation: Hollow-Stem Augers
Location: Franklin Cleaners Site, Hempstead, NY	

Project No.: K0122	Drilling Co.: Lyon Drilling Co.	Driller: H. Lyon	Weather: Overcast ~40
P. Manager: Dale Braue	Geologist: Dale Braue	D. Helper: J. Lyon Drill Rig: LM-1	

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-4			4	0.0-8.5 Sand, medium to coarse grained; little fine gravel; trace fine sand; well rounded and poorly sorted in top 2' - better sorted in bottom 2' of sample; tan to yellow tan with iron oxidation at 1.7' to 2.2' interval, moist.	1.0 2.5 0.2 0.2		12" manhole Bentonite Seal 3.5' of 2" diameter Sch 40 PVC riser 5' of 2" diameter Sch 40 0.01 slot PVC well screen Sand Pack 6 5/8" diameter borehole
5	2	4-8			4				
10						8.5 End of boring.	8.5		
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = 4' macrocore
N = ASTM D1586

Well Backfill Key: Cement; Native Fill; Sand; Bentonite

R. Dale Braue

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: SVM-1
Sheet 1 of 1

Date started: 3/30/03
Date Finished: 3/30/03

Client: NYSDEC
Location: Franklin Cleaners Site
Hempstead, NY

Method of investigation: Hollow-Stem Augers

Project No.: K0122
P. Manager: Dale Braue

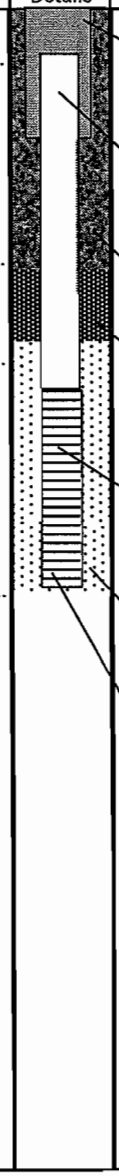
Drilling Co.: Lyon Drilling Co.
Geologist: Dale Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: CME-45

Weather: Overcast ~50

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings
	1	0.0-2.0	1, 1, 2, 2	3	0	0.0-2.0 No recovery.	
	2	2.0-4.0	2, 2, 3, 4	5	0.5	2.0-4.0 New gravel fill.	
5	3	4.0-6.0	4, 4, 6, 5	10	1	4.0-6.0 Sand, medium to fine grained; some coarse sand; trace fine gravel; trace brick; trace wire; trace concrete (fill?) brown-tan, moist.	0.2
	4	6.0-8.0	4, 3, 7, 7	10	0		
	5	8.0-10.0	5, 2, 2, 3	4	0		
10						6.0-10.0 No recovery; metal in tip of split spoon.	0.2
	6	10.0-12.0	5, 8, 9, 13	17	2	10.0-11.6 Sand, medium to coarse grained; little fine gravel; trace fine sand; tan, moist.	
	7	12.0-14.0	7, 7, 9, 10	16	2		0.2
15	8	14.0-16.0	5, 9, 13, 13	22	2	11.6-14.0 Sand, medium to coarse grained; some fine gravel; trace medium gravel; trace fine sand; tan,moist.	0.2
						14.0-16.0 Sand, medium to coarse grained; little fine gravel; trace fine sand; tan, moist.	0.2
20						16.5 End of boring.	
25							
30							
35							

Well Details



Groundwater and Other Observations

12" Manhole
9.7' of 3/4" diameter Sch 40 PVC riser
Bentonite/ Cement Grout
2' Bentonite Seal
5' of 3/4" diameter Sch 40 0.01 slot PVC well screen
Sand Pack
6 5/8" diameter borehole

Sample Types:
S = Split Spoon: 2' by 2"
T= Shelby Tube:
R = Rock Core:
O =
N = ASTM D1586

Well Backfill Key
Cement
Native Fill
Sand
Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: SVM-2	Date started: 3/17/03
		Sheet 1 of 1	Date Finished: 3/17/03

Client: NYSDEC	Method of investigation: Hand Auger and Casing
Location: Franklin Cleaners Site, Hempstead, NY	

Project No.: K0122	Drilling Co.: Lyon Drilling Co.	Driller: H. Lyon	Weather: Clear, Calm ~65
P. Manager: Dale Braue	Geologist: Dale Braue	D. Helper: J. Lyon Drill Rig: Hand Auger and Casing	

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
						0.0-8.0 Sand, medium to coarse grained; trace fine gravel; trace sand; tan, moist.	0.3		
							0.3 1.0--		12" Manhole
							0.3 1.9--		2' Bentonite Seal
5							0.3		
						8.5 End of boring.	0.3		2.5' of 3/4" diameter Sch 40 PVC riser
							0.3		
							0.3		
10							8.6--		5' of 3/4" diameter Sch 40 0.01 slot PVC well
									Sand Pack
15									6 5/8" diameter borehole
20									
25									
30									
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = Hand Auger and Casing
N = ASTM D1586

Well Backfill Key
Cement | Native Fill
Sand | Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: SVM-3	Date started: 3/11/03
		Sheet 1 of 1	Date Finished: 3/11/03

Client: NYSDEC Location: Franklin Cleaners Site Hempstead, NY	Method of investigation: Hollow-Stem Augers with 4' Macrocore Sampler
Project No.: K0122 P. Manager: Dale Braue	Drilling Co.: Lyon Drilling Co. Geologist: Dale Braue
Driller: H. Lyon D. Helper: J. Lyon Drill Rig: LM-1	Weather: Clear ~35

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1				3.5	0.0-4.0 Sand, medium to fine grained; some coarse sand; little fine gravel; well rounded, poorly sorted tan to yellow tan, moist.	0.8 0.4 1.9	12" Manhole 1.9' Bentonite	
5	2				4			2.7' of 3/4" diameter Sch 40 PVC riser	
	3				1.5	4.0-9.0 Same as above with 3" lens of fine sand at 7.6'.	0.4 0.5		
10						9.0 End of boring.	8.6	5' of 3/4" diameter Sch 40 0.01 slot PVC well Sand Pack 6 5/8" diameter borehole	
15									
20									
25									
30									
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = 4' macrocore
N = ASTM D1586

Well Backfill Key
Cement | Native Fill
Sand | Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: SVM-4	Date started: 3/21/03
		Sheet 1 of 1	Date Finished: 3/21/03

Client: NYSDEC
Location: Franklin Cleaners Site, Hempstead, NY

Method of investigation: Hand Auger and Casing

Project No.: K0122
P. Manager: Dale Braue

Drilling Co.: Lyon Drilling
Geologist: Dale Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: Hand Auger and Casing

Weather: Cloudy ~50

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
						0.0-1.0 Sand, medium to coarse grained; trace fine gravel trace fine sand; trace metal; trace wood; (fill?) tan-brown, dry.	0.2 0.9--		12" Manhole
							0.2		
							0.2 2.9--		2.9' Bentonite
5						1.0-8.0 Sand, medium to coarse grained; little fine gravel; trace fine sand; tan, moist.	0.2		
							0.2		3.5' of 3/4" diameter Sch 40 PVC riser
							0.2		
							0.2		
						8.5 End of boring.	0.2		
10							8.5--		5.6' of 3/4" diameter Sch 40 0.01 slot PVC well
									Sand Pack
15									
									6 5/8" diameter borehole
20									
25									
30									
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = Hand Auger and Casing
N = ASTM D1586

Well Backfill Key
Cement | Native Fill
Sand | Bentonite

R. Dale Braue

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: AS-1
Sheet

Date started: 3/18/03
Date Finished: 3/19/03

Client: NYSDEC
Location: Franklin Cleaners Site
Hempstead, NY

Method of investigation: Hollow-Stem Auger

Project No.: K0122
P. Manager: D. Braue

Drilling Co.: Lyon Drilling Co.
Geologist: D. Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: CME-45 Skid Mount

Weather: Sunny, Clear 60

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-2	2,3,3,6	6	1	0-2 New gravel fill.	0.2		
									12" Manhole
	2	2-4	5,6,3,3,	9	0	2-4 No Recovery.			
5	3	4-6	1,1,1,2	2	0	4-6 No Recovery.			25' of 2" diameter Sch 40 PVC riser
	4	6-8	2,1,2,2,	3	0	6-8 No Recovery.			
	5	8-10	2,1,1,3	2	0.2	8-10 SAND, medium to fine grained; little fine gravel; trace fine sand; tan, moist (auger plugged).	0.2		Bentonite/ Cement Grout
10									
	6	10-12	3,6,7,7	13	1.5	10-13.2 Same as above with oxidized iron staining.	0.2		
	7	12-14	6,9,14,12	23	2.0	13.2-19.8 SAND, medium to coarse grained; some fine gravel; trace medium gravel; trace fine sand; tan with oxidized iron bands, moist	0.2		
15	8	14-16	6,8,9,9	17	2.0		0.2		25' of 2" diameter Sch 40 PVC riser
	9	16-18	9,9,12,12	21	2.0		0.2		
	10	18-20	6,9,13,11	22	2.0	19.8-21.6 SAND, medium to fine grained; trace fine gravel; tan, moist.	0.2		
20									
	11	20-22	5,7,12,12	19	2.0	21.6-22 SAND, medium to fine grained; little fine gravel; trace coarse sand; tan, damp.	0.2	20.7--	2' Bentonite Seal
								22.4	
	12	22-24	14,11,12,15	23	2	22-28 SAND, medium to fine grained; trace fine gravel; trace coarse sand; tan-buff, wet at 22.4.	0.4	22.9--	
25	13	24-26	5,7,12,12	19	2.0		0.0		2' of 2" diameter Sch 40 0.01 slot PVC well screen
	14	26-28	6,14,12,12	26	2.0		0.0		
	15	28-30	13,11,13,14	24	2.0	28-30 SAND, medium to fine grained; trace fine gravel; trace medium gravel; trace coarse sand; tan-buff, wet.	0.0		
30								29.1--	Sand Pack
						30 End of boring.			6 5/8" diameter borehole
35									

Sample Types:
S = Split Spoon: 2" x 2' T= Shelby Tube:
R = Rock Core: O =
N = ASTM D1586

Well Backfill Key
Cement
Native Fill
Sand
Bentonite

R. Dale Braue

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: AS-2
Sheet 1 of 1

Date started: 3/13/03
Date Finished: 3/13/03

Client: NYSDEC
Location: Franklin Cleaners Site
Hempstead, NY

Method of investigation: Hollow-Stem Augers

Project No.: K0122
P. Manager: Dale Braue

Drilling Co.: Lyon Drilling Co.
Geologist: Dale Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: LM-1

Weather: Light Rain ~40

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-4			4	0-12.1 Sand, medium to coarse grained; little fine gravel; trace fine sand; well rounded and poorly sorted; tan to yellow-tan with very few iron oxidation stains, moist.	0.5 1.9--	12" Manhole	
5	2	4-8			4		0.4	13.1' of 2" diameter Sch 40 PVC riser	
10	3	8-11			3		0.5 10.9--	Bentonite/ Cement Grout	
	4	11-14			3	12.1-12.2 Sand, medium to fine grained; trace coarce sand; brown iron oxidation stains; moist.	0.5 12.9	2' Bentonite	
15	5	14-17			3	12.2-19.0 Sand medium to coarce grained; little fine gravel; trace fine sand; well sorted and rounded; tan to yellow-tan; wet at 12.9.	13.1-- 0.5	Sand Pack	
	6	17-19			2	19 End of boring.		2' of 2" diameter Sch 40 0.01 slot PVC well screen	
20							0.5 18.8--	2' of 2" diameter Sch 40 PVC riser	
25								6 5/8" diameter borehole	
30									
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = 4' Macrocore
N = ASTM D1586

Well Backfill Key
Cement | Native Fill
Sand | Bentonite

R. Dale Braue

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: AS-3
Sheet 1 of 1

Date started: 3/12/03
Date Finished: 3/12/03

Client: NYSDEC
Location: Franklin Cleaners Site
Hempstead, NY

Method of investigation: Hollow-Stem Auger

Project No.: K0122
P. Manager: Dale Braue

Drilling Co.: Lyon Drilling Co.
Geologist: Dale Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: LM-1

Weather: Overcast ~ 30

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-4			4	0.0-11.8 Sand, Medium to coarse grained; little fine gravel; trace fine sand; well sotred tan to yellow tan with iron oxidized particles, moist.	0.6		
							2.1		12" manhole
5	2	4-8			4				12.9' of 2" diameter Sch 40 PVC riser
							0.6		
						11.8-12 Sand, coarse and fine gravel; some medium sand; trace fine sand; well rounded and sorted; dark brown with oxidized iron, moist.			Bentonite/ Cement Grout
	3	8-11			3				
10							2.1		
							11.1		1.7' Bentonite Seal
	4	11-14			3		1.6 ▼		
							12.5		
						12-18 Sand, medium grained; some fine sand; trace fine gravel; tan/buff, moist to 12.5 wet at 12.5 and below.	12.8		Sand Pack
15	5	14-17			3				
									2' of 2" diameter Sch 40 0.01 slot PVC well screen
	6	17-19			2	19 End of boring.			
20							19.2		
									2' of 2" diameter Sch 40 PVC riser
25									6 5/8" diameter borehole
30									
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = 4' Macrocore
N = ASTM D1586

Well Backfill Key
Cement
Native Fill
Sand
Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: ASM-1	Date started: 3/14/03
		Sheet 1 of 1	Date Finished: 3/14/03

Client: NYSDEC
Location: Franklin Cleaners Site, Hempstead, NY

Method of investigation: Hollow-Stem Augers

Project No.: K0122
P. Manager: Dale Braue

Drilling Co.: Lyon Drilling Co.
Geologist: Dale Braue

Driller: H. Lyon
D. Helper: J. Lyon
Drill Rig: LM-1

Weather: Partly Cloudy ~20

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-4			4	0.0-1.5 Sand, medium to fine grained; some coarse sand; little fine gravel; trace plactic; trace wood; trace brick; tan, moist (fill?).	0.2	1.8	12" Manhole; Bentonite Seal
5	2	4-6.5			2.5	1.5-4 Sand, medium to coarse grained; little fine gravel; trace fine sand; well rounded and poorly sorted; tan, moist.	0.1	3.1	Fine Sand (No. 00 Morie Grade or Approved Equal)
	3	6.5-10.5			4			4.5	
10						4-12.1 Sand, medium to coarse grained; little fine gravel; trace medium gravel; trace fine sand; tan to yellow tan, moist.	0.1		3.2' of 2" diameter Sch 40 PVC riser
	4	10.5-14			3	12.1-12.3 Gravel, fine grained; some medium to coarse sand; trace fine sand; dark brown to black; moist to 13', water table at 13.1.	0.1		
15	5	14-18			4		0.2	13.1	15' of 2" diameter Sch 40 0.01 slot PVC well screen
	6	18-20			2	13.5-14 No sample-augers too high.	0.2		
20						14.0-16.2 Sand, medium to coarse grained; little fine sand; trace fine gravel; tan to dark tan, wet.		20.1	Silica Sand Pack (No. 1 Morie Grade or Approved Equal)
25						16.2-20 Sand, medium to coarse grained; little fine, sand; trace fine gravel; tan, wet.			
30						20 End of boring.			6 5/8" diameter borehole
35									

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O = 4' Macrocore
N = ASTM D1586

Well Backfill Key
Cement; Native Fill; Sand; Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: ASM-2	Date started: 3/20/03
		Sheet 1of 1	Date Finished: 3/20/03

Client: NYSDEC	Method of investigation: Hollow-Stem Augers
Location: Franklin Cleaners Site, Hempstead, NY	

Project No.: K0122	Drilling Co.: Lyon Drilling Co.	Driller: H. Lyon	Weather: Light Rain ~40
P. Manager: Dale Braue	Geologist: Dale Braue	D. Helper: J. Lyon Drill Rig: CME-45	

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0.0-2.0	2, 1, 2, 3	3	0	0.0-4.0 No recovery.			
							2.1		12" Manhole
	2	2.0-4.0	5, 3, 2, 1	5	0				
						4.0-5.2 New Fill.			
5	3	4.0-6.0	4, 3, 3, 4	6	2				
						5.2-5.8 Clay; some medium sand; trace fine gravel; light gray; moist (fill?).	0.2		Bentonite/ Cement Grout
	4	6.0-8.0	7, 16, 19, 26	25	2				
						5.8-8.1 Sand, medium to fine grained; some coarse sand; trace fine gravel; brown, moist; (fill?).			
	5	8.0-10.0	5, 9, 10, 14	19	2		0.2		12.8' of 2" diameter Sch 40 PVC riser
10						8.1-12.0 Sand, medium to fine grained; some fine sand; little fine gravel; well rounded; tan with iron oxidation banding; moist.			
	6	10.0-12.0	3, 6, 6, 8	12	1.5		0.2	10.7	
								12.8	2' Bentonite Seal
	7	12.0-14.0	8, 10, 12, 12	22	2				
						12.0-18.0 Sand, medium to coarse grained; little fine gravel; trace fine sand; tan, moist.	0.2		
15	8	14.0-16.0	3, 8, 10, 9	18	2		0.1	14.9	
							0.1		Fine Sand (No. 00 Morie Grade or Approved Equal)
	9	16.0-18.0	9, 9, 7, 10	16	2	18.0-20.0 Sand, medium to coarse grained; little fine gravel; trace fine sand, tan with iron oxidation streaks, moist.	0.2		
	10	18.0-20.0	4, 5, 9, 5	14	2		0.2		
20						20.0-22.0 Sand, medium to fine grained; trace coarse sand; trace fine gravel, tan , moist.			
	11	20.0-22.0	2, 4, 8, 11	12	2		0.2		15' of 2" diameter Sch 40 0.01 slot PVC well screen
								22.6 ▼	
	12	22.0-24.0	10, 12, 14, 20	26	2	22.0-30.0 Sand, medium to coarse grained; little fine gravel; trace fine sand; trace medium gravel; tan, wet at 22.6.			
25	13	24.0-26.0	7, 12, 12, 9	24	2		0.2		Silica Sand Pack (No. 1 Morie Grade or Approved Equal)
	14	26.0-28.0	11, 9, 9, 10	18	2		0.2		
						30 End of boring.			
	15	28.0-30.0	14, 9, 16, 14	25	2		0.2		
30									
								29.9	6 5/8" diameter borehole
35									

Sample Types:
S = Split Spoon: 2" by 2' T= Shelby Tube: ____
R = Rock Core: ____ O = ____
N = ASTM D1586

Well Backfill Key: Cement; Native Fill; Sand; Bentonite

R. Dale Braue

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: SB-01	Date started: 6/28/05
		Sheet 1 of 1	Date Finished: 6/29/05

Client: NYSDEC	Method of investigation:	Well Depth:	N/A
Location: Franklin Cleaners Site Village of Hempstead	Macro-Core Sampler with Piston assembly	Depth to Screen:	N/A

NYSDEC Contract No.: D004184	Drilling Co.: SDS	Driller: J. Grant	Weather:
EPS Project No.: K0122		D. Helper: A. Russo	Overcast
EPS Project Mgr.: Dale Braue	Geologist: D. Braue	Drill Rig: MC-5 & 70-lb Electric Hammer	75 deg. F

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	depth bgs	Well Details	Groundwater and Other Observations
	1	0-1.3			0.8	0-0.4': Asphalt.				
						0.4'-3.8': SAND, medium to coarse grained; some fine gravel; little fine sand; trace medium gravel; brown, moist.	0.0 ppm			
	2	1.3-4			1.3					
5	3	4-8			3.8	3.8'-5.3': SAND, medium to coarse grained; little fine gravel; trace fine sand; well rounded, tan with minor iron oxidation, moist.	0.0 ppm			
						5.3'-5.8': CLAY; little fine to medium sand; trace fine gravel; tan/buff, moist.	0.0 ppm			
	4	8-10			2	5.8'-7.8': SAND, medium to coarse grained; little fine gravel; trace fine sand; trace medium gravel; well rounded, tan with minor iron oxidation, moist.	0.0 ppm			
10										
	5	10-12			1.4	7.8'-21.8': SAND, medium grained; some fine sand; trace coarse sand; trace fine gravel; tan/buff with slight oxidized iron staining, moist.	0.0 ppm			
	6	12-16			3.1		0.0 ppm			
						21.8'-22.5': SAND, medium to coarse grained; trace fine sand; trace fine gravel; tan/buff with iron oxidation, wet.	0.0 ppm			
15							0.0 ppm			
	7	16-20	(sample over		3.9	22.5': End of Boring.				
			driven)							
20	8	18.5-22.5	(Piston removed		4.0					
			early to clean							
			out boring)							21.8
25										
30										
35										2 1/4" Diameter borehole

R. Dale Braue

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O 4' x 2" Macro-Core
N = ASTM D1586

Well Backfill Key
Cement — Native Fill
Sand — Bentonite

Environmental
Products & Services, Inc.

Subsurface Log

Hole No.: SB-02 | Sheet 1 of 1 | Date started: 6/29/05 | Date Finished: 6/29/05

Client: NYSDEC
Location: Franklin Cleaners Site
Village of Hempstead

Method of investigation: Macro-Core Sampler with Piston assembly
Well Depth: N/A
Depth to Screen: N/A

NYSDEC Contract No.: D004184
EPS Project No.: K0122
EPS Project Mgr.: Dale Braue

Drilling Co.: SDS
Geologist: D. Braue

Driller: J. Grant
D. Helper: A. Russo
Drill Rig: MC-5 & 70-lb Electric Hammer

Weather: Overcast 80 deg. F

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	depth bgs	Well Details	Groundwater and Other Observations
		0-0.5				0-0.5': Concrete.				
	1	0.5-4.5			3.6	0.5'-3.8': SAND, medium grained; some fine sand; little coarse sand; trace fine gravel; tan/buff, dry.	0.0 ppm 0.0 ppm			
5	2	4.5-8.5			3.8	3.8'-6.5': SAND, medium to coarse grained; little fine sand; trace fine gravel; tan/buff, moist.	0.0 ppm			
						6.5'-10.5': SAND, medium to coarse grained; little fine gravel; trace fine sand; tan with iron oxidation, moist.	0.0 ppm 0.0 ppm			
	3	8.5-12.5			4	10.5'-12.5': SAND, medium to fine grained; little fine gravel; trace coarse sand; tan/buff, wet at 11.2.	0.0 ppm			
10							0.0 ppm			
						12.5': End of Boring.				▼ 11.2
15										
20										
25										
30										
35										2 1/4" Diameter borehole

R. Dale Braue

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O 4' x 2" Macro-Core
N = ASTM D1586

Well Backfill Key
Cement | Native Fill
Sand | Bentonite

Environmental Products & Services, Inc.	**Subsurface Log**	Hole No.: SB-03	Date started: 6/29/05
		Sheet 1 of 1	Date Finished: 6/29/05

Client: NYSDEC	Method of investigation:	Well Depth:	N/A
Location: Franklin Cleaners Site Village of Hempstead	Macro-Core Sampler with Piston assembly	Depth to Screen:	N/A

NYSDEC Contract No.: D004184	Drilling Co.: SDS	Driller: J. Grant	Weather:
EPS Project No.: K0122		D. Helper: A. Russo	Overcast
EPS Project Mgr.: Dale Braue	Geologist: D. Braue	Drill Rig: MC-5 & 70-lb Electric Hammer	80 deg. F

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)	Sample Description	Field Analytical Readings	depth bgs	Well Details	Groundwater and Other Observations
		0-0.5				0-0.5': Concrete.				
	1	0.5-4.5			3.6	0.5'-2.0': SAND, medium to coarse grained; little fine sand; trace fine gravel; tan/buff, damp.	0.0 ppm			
						2.0'-6.4': SAND, medium to coarse grained; little fine gravel; trace fine sand; tan/buff with slight iron oxidation, moist.	0.0 ppm			
5	2	4.5-8.5			3.8		0.0 ppm			
						6.4'-7.5': SAND, medium to fine grained; little coarse sand; trace fine gravel; tan/buff, moist.	0.0 ppm			
						7.5'-11.2': SAND, medium to fine grained; little coarse sand; trace fine gravel; tan/buff, moist.	0.0 ppm			
	3	8.5-12.5			4		0.0 ppm			
10						11.2'-11.4': SAND, medium to fine grained; little coarse sand; trace fine gravel; brown with heavy manganese oxidation, moist.	0.0 ppm			
						11.4'-12.0': SAND, medium to fine grained; little coarse sand; trace fine gravel; tan/buff, wet at 11.4.	0.0 ppm			▼ 11.4
15						12.5': End of Boring.				
20										
25										
30										
35										2 1/4" Diameter borehole

R Dale Braue

Sample Types:
S = Split Spoon: _____ T= Shelby Tube: _____
R = Rock Core: _____ O 4' x 2" Macro-Core
N = ASTM D1586

Well Backfill Key
Cement
Native Fill
Sand
Bentonite

Appendix F

APPENDIX F

SVE/AS PERFORMANCE TEST REPORTS AND RESULTS

SVE PERFORMANCE TEST REPORT

Environmental
Products & Services, Inc.
Geoscience Services Division
7280 Caswell Street, N. Syracuse, NY 13212 • Phone (315) 476-4410 • Fax (315) 458-0526

SUBMITTED	☐
APPROVED	☐
APPROVED AS NOTED	☐
REVISED AND RESUBMITTED	☑
DISAPPROVED	☐

THIS MATERIAL HAS BEEN CHECKED FOR GENERAL ARRANGEMENT AND COMPLIANCE WITH SPECIFICATION AND CONTRACT DRAWINGS. APPROVAL OF THIS MATERIAL SHALL NOT RELIEVE THE CONTACTOR OF THE RESPONSBILITY FOR DIMENSIONAL OR OTHER ERRORS AND OMMISSIONS. OR OF GUARANTIES REQUIRED BY THE CONTRACT DOCUMENTS.

ENVIRONMENTAL
PRODUCTS & SERVICES, INC.

BY R D Brace DATE 11-26-03

September 22, 2003

Mr. Frank DeVita
Dvirka and Bartilucci
330 Crossways Park Dr.
Woodbury, NY 11797-2015

Project Name:	**NYSDEC – Franklin Cleaners Site**
Contract Number:	**D004184**
Contractor's Name:	**Environmental Products & Services, Inc.**
Report Number:	**One (of one)**
Reporting Period Dates:	**August 24 to September 9, 2003**
Date of Report:	**September 22, 2003**
Name of Report:	**SOIL VAPOR EXTRACTION PERFORMANCE TEST REPORT – REVISED**

Dear Mr. DeVita:

Environmental Products and Services, Inc. (EPS) is pleased to provide the following Soil Vapor Extraction Performance Test Report. This report is being submitted to document progress during the Soil Vapor Extraction Performance Test.

- SVE Performance Test Start Date: August 24, 2003
- SVE Performance Test End Date: September 8, 2003
  (reflects 16-day run time)

In accordance with Section 00007(4.2)(H) of the Contract Documents, the following information is provided.

1. **Field reports are provided as recorded on the SVE System Program Monitoring Form, copies attached.** These include data reflecting:

   - Prior to Start-Up (date): August 24, 2003 @ 0510 hrs (background data).
   - Field reports for August 24 through September 8, 2003.

2. **Water was not collected in the vapor/liquid separator during the SVE Performance Test.**

3. **Total Run time (hours) for the SVE vacuum blower for each 24-hour period and cumulative run time:**

Day	Date	Daily Run Hours	Cumulative Run Hours
	Mfg. Test Time	14.1	14.1
1	8/24/03 (6:00 am)	18	32.1
2	8/25/03	24	56.1
3	8/26/03	24	80.1
4	8/27/03	24	104.1
5	8/28/03	24	128.1
6	8/29/03	24	152.1
7	8/30/03	24	176.1
8	8/31/03	24	200.1
9	9/01/03	24	224.1
10	9/02/03	21.5	245.6
11	9/03/03	17.5	263.1
12	9/04/03	24	287.1
13	9/05/03	24	311.1
14	9/06/03	24	335.1
15	9/07/03	24	359.1
16	9/08/03 (6:00 am)	~~24~~ 6	~~383.1~~ 365.1

4. **Total down-time, if any, for the SVE System during the SVE Performance Test period:**
   ☐ None

   ☒ 9 hours (September 2-3, 2003). See attached SVE System Down-Time Form.

5. **Concentrations of each volatile organic compound detected in the vapor phase samples collected from August 24 through September 8, 2003 are provided in Table 1, attached.**

6. **The hourly average, daily and total cumulative flow in standard cubic feet extracted from each SVE well (SVE-1 and SVE-2) and discharged to each carbon adsorption vessel (CV-1 Inlet and CV-1 Outlet) are as follows:**

Day	Date	SVE-1 (SCFM)	Cumu-lative (cf)	SVE-2 (SCFM)	Cumu-lative (cf)	CV-1 Inlet (SCFM)	Cumu-lative (cf)	CV-1 Outlet (SCFM)	Cumu-lative (cf)
1	8/24/03	50	54,000	50	54,000	80	86,400	75	81,000
2	8/25/03	50	126,000	50	126,000	110	158,400	97	139,680
3	8/26/03	60	212,400	60	212,400	100	302,400	110	298,080
4	8/27/03	60	298,800	60	298,800	100	446,400	115	463,680
5	8/28/03	60	385,200	60	385,200	100	590,400	115	629,280
6	8/29/03	50	457,200	50	457,200	80	705,600	90	758,880
7	8/30/03	50	529,200	50	529,200	80	820,800	90	888,480
8	8/31/03	45	594,000	45	594,000	75	928,800	85	1,010,880
9	9/01/03	45	658,800	45	658,800	75	1,036,800	85	1,133,280
10	9/02/03	45	716,850	45	716,850	75	1,133,550	90	1,249,380
11	9/03/03	45	764,100	75	795,600	100	1,238,550	100	1,354,380
12	9/04/03	35	814,500	70	896,400	85	1,360,950	95	1,491,180
13	9/05/03	35	864,900	80	1,011,600	90	1,490,550	103	1,639,500
14	9/06/03	35	915,300	85	1,134,000	85	1,612,950	90	1,769,100
15	9/07/03	30	958,500	80	1,249,200	90	1,742,550	100	1,913,100
16	9/08/03	30	~~1,001,700~~	85	~~1,371,600~~	90	~~1,872,150~~	100	~~2,057,100~~
	Hourly Average		2,614.7 SCFH		3,850.3 SCFH		4,886.8 SCFH		5,369.6 SCFH

*hourly average = cumulative volume last date divided by total run time in hours from start-up (August 24, 2003)

7. **Estimated daily and total cumulative pounds of each individual VOC and total VOCs extracted from each well (SVE-1 and SVE-2) and discharged to each carbon adsorption vessel (CV-1 Inlet and CV-1 Outlet) are indicated in the following tables.**

- **Tetrachloroethene** was detected in the vapor samples collected from soil vapor extraction wells SVE-1 and SVE-2 and carbon vessels CV-1 Inlet and CV-1 Outlet.
- **Trichloroethene** was detected in vapor sample collected from soil vapor extraction well SVE-2 and in the vapor sample collected from carbon vessel CV-1 Inlet during the SVE Performance Test.
- **Bromomethane** was detected in the vapor sample collected from soil vapor extraction well SVE-2.
- **Methyl Ethyl Ketone (MEK)** was detected in the vapor samples collected from carbon vessel CV-1 Inlet and CV-1 Outlet.

Because vapor samples were collected twice per day during the SVE Performance Test period, the calculations were derived using a daily average of the VOC concentrations detected.

The estimated daily and total cumulative pounds of **Tetrachloroethene** extracted from the soil vapor extraction wells and discharged to each carbon vessel during the SVE Performance Test are as follows:

Day	Date	SVE-1	Cumu-lative	SVE-2	Cumu-lative	CV-1 Inlet	Cumu-lative	CV-1 Outlet	Cumu-lative
		(lbs of VOC)	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*
1	8/24/03	0.00761	0.00761	0.00741	0.00741	0.11914	0.00914	0.00893	0.00893
2	8/25/03	0.00523	0.01284	0.00580	0.01321	0.01156	0.02070	0.00965	0.01859
3	8/26/03	0.00607	0.01891	0.00873	0.02194	0.01285	0.03355	0.01001	0.02859
4	8/27/03	0.00691	0.02582	0.00717	0.02912	0.01258	0.04614	0.01204	0.04063
5	8/28/03	0.00699	0.03280	0.00760	0.03672	0.01559	0.06172	0.01638	0.05701
6	8/29/03	0.00573	0.03853	0.00591	0.04263	0.01645	0.07817	0.01443	0.07144
7	8/30/03	0.00616	0.04469	0.00690	0.04953	0.01207	0.09024	0.01262	0.08406
8	8/31/03	0.00248	0.04717	0.00641	0.05594	0.01048	0.10072	0.01180	0.09586
9	9/01/03	0.00492	0.05209	0.00689	0.06283	0.00824	0.10896	0.00876	0.10461
10	9/02/03	0.00631	0.05840	0.00782	0.07065	0.01102	0.11998	0.01403	0.11864
11	9/03/03	0.00447	0.06287	0.03077	0.10142	0.01266	0.13264	0.01505	0.13369
12	9/04/03	0.00397	0.06684	0.00850	0.10991	0.01158	0.14522	0.01493	0.14862
13	9/05/03	0.00397	0.07080	0.00874	0.11866	0.01112	0.15634	0.01577	0.16440
14	9/06/03	0.00393	0.07474	0.00982	0.12848	0.01234	0.16868	0.01115	0.17554
15	9/07/03	0.00320	0.07793	0.00930	0.13778	0.01286	0.18154	0.01433	0.18987
16	9/08/03	0.00398	0.08191	0.01287	0.15065	0.01298	0.19363	0.01460	0.20447

The estimated daily and total cumulative pounds of **Trichloroethene** extracted from soil vapor extraction well SVE-2 and discharged to carbon vessel CV-1 Inlet during the SVE Performance Test are as follows:

Day	Date	SVE-2	Cumu-lative	CV-1 Inlet	Cumu-lative
		(lbs of VOC)	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*
1	8/24/03	0.00461	0.00461	0.00470	0.00470

The estimated daily and total cumulative pounds of **Bromomethane** extracted from soil vapor extraction well SVE-2 during the SVE Performance Test is as follows:

Day	Date	SVE-2	Cumu-lative
		(lbs of VOC)	*(lbs of VOC)*
1	8/24/03	0.00283	0.00283

The estimated daily and total cumulative pounds of **Methyl Ethyl Ketone (MEK)** discharged to carbon vessel CV-1 Inlet and CV-1 Outlet during the SVE Performance Test are as follows:

Day	Date	CV-1 Inlet	Cumu-lative	CV-1 Outlet	Cumu-lative
		(lbs of VOC)	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*
1	8/24/03	0.00367 ✓	0.00367	~~0.00233~~ X	0.00233

0.00311

The estimated daily and total cumulative pounds of **total VOCs** extracted from the soil vapor extraction wells and discharged to each carbon vessel during the SVE Performance Test are as follows:

Day	Date	SVE-1	Cumu-lative	SVE-2	Cumu-lative	CV-1 Inlet	Cumu-lative	CV-1 Outlet	Cumu-lative
		(lbs of VOC)	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*	*(lbs of VOC)*
1	8/24/03	0.00761 ✓	0.00761	0.01485 ?	0.01485	~~0.01751~~	~~0.01751~~	~~0.01126~~	~~0.01126~~
2	8/25/03	0.00523 ✓	0.01284	~~0.00580~~	0.02065	0.01156	~~0.02907~~	0.00965	~~0.02091~~
3	8/26/03	0.00607 ✓	0.01891	0.00873	0.02938	0.01285	~~0.04192~~	~~0.01001~~	~~0.03092~~
4	8/27/03	0.00691 ✓	0.02582	0.00717 ?	0.03655	0.01258	~~0.05450~~	~~0.01204~~	~~0.04296~~
5	8/28/03	0.00699 ✓	0.03281	0.00760	0.04415	0.01559	~~0.07009~~	0.01638	~~0.05934~~
6	8/29/03	~~0.00573~~	~~0.03854~~	0.00591	0.05006	0.01645	~~0.08654~~	0.01443	~~0.07377~~
7	8/30/03	~~0.00616~~	~~0.04470~~	0.00690	0.05696	0.01207	~~0.09861~~	0.01262	~~0.08639~~
8	8/31/03	~~0.00248~~	~~0.04718~~	0.00641	0.06337	0.01048	~~0.10909~~	0.01180	0.09819
9	9/01/03	~~0.00492~~	~~0.05210~~	~~0.00689~~	0.07026	0.00824	~~0.11733~~	0.00876	0.10695
10	9/02/03	~~0.00631~~	~~0.05841~~	0.00782	0.07808	0.01102	~~0.12835~~	0.01403	~~0.12098~~
11	9/03/03	~~0.00447~~	~~0.06288~~	0.03077	0.10885	~~0.01266~~	~~0.14101~~	0.01505	0.13603
12	9/04/03	~~0.00397~~	~~0.06685~~	0.00850	0.11735	~~0.01258~~	~~0.15359~~	~~0.01493~~	0.15096
13	9/05/03	0.00397 ✓	~~0.07082~~	0.00874	0.12609	0.01112	0.16471	~~0.01577~~	~~0.16673~~
14	9/06/03	0.00393 ✓	~~0.07475~~	0.00982	0.13591	~~0.01234~~	~~0.17705~~	0.01115	0.17788
15	9/07/03	0.00320 ✓	~~0.07795~~	0.00930	0.14521	0.01286	~~0.18991~~	0.01433	~~0.19221~~
16	9/08/03	0.00398 ✓	~~0.08193~~	0.01287	0.15808	~~0.01209~~	~~0.20200~~	0.01460	~~0.20681~~

8. Number of hours each well was used during each 24-hour period and cumulative number of hours each well has been used:

Day	Date	SVE-1 (hours)	Cumulative (hours)	SVE-2 (hours)	Cumulative (hours)
	Mfg. Test Time	14.1	14.1	14.1	14.1
1	8/24/03	18	32.1	18	32.1
2	8/25/03	24	56.1	24	56.1
3	8/26/03	24	80.1	24	80.1
4	8/27/03	24	104.1	24	104.1
5	8/28/03	24	128.1	24	128.1
6	8/29/03	24	152.1	24	152.1
7	8/30/03	24	176.1	24	176.1
8	8/31/03	24	200.1	24	200.1
9	9/01/03	24	224.1	24	224.1
10	9/02/03	21.5	245.6	21.5	245.6
11	9/03/03	17.5	263.1	17.5	263.1
12	9/04/03	24	287.1	24	287.1
13	9/05/03	24	311.1	24	311.1
14	9/06/03	24	335.1	24	335.1
15	9/07/03	24	359.1	24	359.1
16	9/08/03	24	~~383.1~~	24	~~383.1~~

[X] SVE wells were on-line during the SVE Performance Test.

[ ] The date and time that any SVE well was taken off-line or put back on-line are indicated on the SVE Well Down Time Form, copy(ies) attached. (The adjusted flow rates, when necessary, for well(s) on-line are reported on the SVE Progress Monitoring Form, copy(ies) attached).

9. [X] Waste was <u>not</u> generated during the SVE Performance Test.

[ ] Waste <u>was</u> generated during the SVE Performance Test. Quantities of all wastes generated during the period, storage and disposal locations are reported on the Straight bill of Lading/Non-Hazardous Waste Manifest , copy(ies) attached.

10. Analytical results of vapor samples collected two times per day during the SVE Performance Test (August 24 through August 30, 2003) are summarized in Table 1 (Summary of Vapor Analytical Results). Samples were collected from the following locations:

- Soil vapor extraction wells (SVE-1, and SVE-2);
- Soil vapor monitoring points (SVM-1, SVM-2, SVM-3, and SVM-4); and,
- Carbon vessels (CV-1 Inlet, CV-1 Outlet, CV-2 Outlet)

If you have questions regarding this report, please do not hesitate to call our office at (315) 476-4410 or (800) 262-1012.

Very truly yours,

ENVIRONMENTAL PRODUCTS & SERVICES, INC.

R. Dale Braue

R. Dale Braue, CEM, RHSP (Ext. 150)
Director of Geoscience Services

RDB/ms.
3120.K0122

Attachments: SVE Progress Monitoring Forms (August 24 through September 8, 2003)
Table 1 – Summary of Vapor Sample Analytical Results
Laboratory Analytical Reports (ELS; August 24 through September 8, 2003)

Environmental
Products & Services, Inc.
Geoscience Services Division
7280 Caswell Street, N. Syracuse, NY 13212 • Phone (315) 476-4410 • Fax (315) 458-0526

SUBMITTED	☐
APPROVED	☐
APPROVED AS NOTED	☐
REVISED AND RESUBMITTED	☑
DISAPPROVED	☐

THIS MATERIAL HAS BEEN CHECKED FOR GENERAL ARRANGEMENT AND COMPLIANCE WITH SPECIFICATION AND CONTRACT DRAWINGS. APPROVAL OF THIS MATERIAL SHALL NOT RELIEVE THE CONTACTOR OF THE RESPONSBILITY FOR DIMENSIONAL OR OTHER ERRORS AND OMMISSIONS, OR OF GUARANTIES REQUIRED BY THE CONTRACT DOCUMENTS.

ENVIRONMENTAL
PRODUCTS & SERVICES, INC.

BY R D Brau DATE 11-26-03

November 26, 2003

Mr. Frank DeVita
Dvirka and Bartilucci
330 Crossways Park Dr.
Woodbury, NY 11797-2015

Project Name: **NYSDEC – Franklin Cleaners Site**
Contract Number: **D004184**
Subject: **SVE Performance Test Report**

Dear Mr. DeVita:

Environmental Products and Services, Inc. (EPS) is pleased to provide the following response to your comments regarding our submittal of the SVE Performance Test Report (Report) dated September 15, 2003. The item descriptions below correspond to the items presented to EPS in your letter.

General Comments Section

EPS acknowledges that the NYSDEC is currently examining the requirement for further testing as the air sparging system performance criterion specified was not satisfied concurrently with the SVE system performance criterion. EPS awaits further comments.

Item 1: Field Reports

4. The required scfm to acfm conversions have been recorded on the SVE monitoring forms and are included in the revised Report.

5. Section 00008 (4.2)(F) of the Standard Specifications refers to the AS system requirements (page X-113). This section indicates monitoring, that is conducted during field events, will include measuring and recording of specified parameters, including VOC concentrations (Paragraph 2) at each vapor monitoring probe. VOC concentrations during field monitoring events are obtained from PID readings that are recorded on the SVE monitoring form. Laboratory analytical results are available after vapor samples are subsequently collected and analyzed by the laboratory. Those results are summarized on Table 1 and the laboratory analytical results are included in the Report.

   Section 00007(4.2)(D)(4) of the Standard Specifications refers to the SVE system requirements. This paragraph (page X-88), as above, refers to monitoring (field) events that include VOC concentrations collected at each vapor monitoring probe that are collected with a PID.

6. Section 00008(4.2)(F) refers to the AS Performance Test. Section 00007(4.2)(H)(6) refers to the reporting of the (VOC) flow in standard cubic feet (volume each day). The calculations of the (VOC) flow rate (parameter 4, lbs/hour) are derived from PID field readings and are to be calculated for each SVE Progress Monitoring Event. Those values have been calculated (based on 12-hour monitoring events during the SVE Performance Test) and have been added to the SVE Progress Monitoring Forms. The (VOC) flow rate values will be calculated for subsequent monitoring events and included on the monitoring forms.

Item 3: Total Run Time for SVE Blower

The hour meter reading of 364.3 hours does not reflect cumulative hours through the entire day of September 8, 2003 (the last day of the SVE Performance Test). Cumulative run time hours have been calculated based on whole days (to midnight of each day) and based on precise down-time data, when applicable. SVE system down-time was encountered on September 2-3, 2003, and the down-time form was corrected to 9 hours. Based on this down-time correction and manufacturer's system test time of 14.1 hours (meter reading at start-up at 06:00 hrs on August 24, 2003), the SVE blower run time has been adjusted to 383.1 hours through midnight of September 8, 2003.

In addition, the monitoring form has been updated to include the exact time the blower hour meter reading is collected to provide data to support/coincide with our calculations. The tables within the revised Report have been updated to reflect the corrected run time hours identified above.

Item 4: SVE System Down Time

The SVE system down time has been corrected to reflect 9 hours (September 2-3, 2003) based on recorded down time (form enclosed). Your response indicates an additional .8 hours (approximately 48 minutes) of down time that appears to be attributed to the time prior to the official startup of the SVE system. The system ran for approximately 2 minutes when background data was collected at 05:10 hours on August 24, 2003. The system was officially started at 06:00 hours on August 24, 2003, and run time has been calculated from that start time.

Item 4: Hourly, Daily and Cumulative Flow Discharged to each Carbon Vessel

3. Item 3 of the report (corresponding to Section 00007(4.2)(H)(3) of the Contract Documents) refers to the SVE blower run times. Item 3 of the revised Report has been corrected to include the manufacturer's test time.

   Your comments refer to flow totals for each SVE well, which is actually item 6 of the revised Report (and corresponding Contract Document Section 00007(4.2)(H)(6). See item 6 (below) for this item.

4. Item 4 of the Report (and corresponding Contract Document section) actually refers to total down time of the system. Your comments refer to daily and cumulative flows, Section 00007(4.2)(H)(6), which is item 6 of the Report. See item 6 (below) for our response to this item.

6. The daily and cumulative flows for each SVE well have been corrected in the table of the Report to reflect the adjusted (actual) run times referenced above (383.1 hours). Furthermore, as requested, the daily and cumulative airflow discharged to each carbon adsorption vessel (CV-1 Inlet and CV-1 Outlet) has been added to the table in the revised Report.

Item 5: Estimated Daily and Total Cumulative Pounds of each Individual VOC and Total VOC Extracted from each SVE Well

The estimated daily and total cumulative pounds of VOCs extracted from each SVE well indicated above is referred to in Section 00007(4.2)(H)(7) of the Contract Documents and item 7 of the Report. The table included in item 7 of the revised Report has been adjusted to reflect the daily average of VOCs detected during the SVE Performance Test.

The SVE Performance Test Report is hereby revised and resubmitted. If you have questions, please do not hesitate to call our office at (315) 476-4410 or (800) 262-1012.

Very truly yours,

ENVIRONMENTAL PRODUCTS & SERVICES, INC.

R. Dale Braue CEM, RHSP (Ext. 150)
Director of Geoscience Services.

RDB/ms
3121.K0122

Background

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/24/03 **Ambient Temperature:** 60.0°F

Time: 0510 **Barometric Pressure:** 29.98

Technician: John Pecori / Duke Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine
Background

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells:						
No. 1 (SVE-1)						
No. 2 (SVE-2)						
Vapor Monitoring Probes:						
No. 1 (SVM-1)	n/a		n/a	n/a		n/a
No. 2 (SVM-2)	n/a		n/a	n/a		n/a
No. 3 (SVM-3)	n/a		n/a	n/a		n/a
No. 4 (SVM-4)	n/a		n/a	n/a		n/a
Primary Carbon Adsorption Vessels*:						
Vessel No. 1 Inlet						
Vessel No. 1 Outlet						
Vessel No. 2 Outlet						
Vacuum Blower Suction					n/a	n/a

SVE Blower Run Time (hours):

	Current Reading (Cumulative)		24-hour Period	
Background / **Sound Decibel Readings:** *(four locations, as posted)*	46.3	43.1	41.8	48.1
	1	2	3	4
	N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/24/03 Day 1 **Ambient Temperature:** 60.8 °F

Time: 0600 **Barometric Pressure:** 30.02

Technician: John Perosi / Dale Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells:						
No. 1 (SVE-1)	80 °F	6.0	36.87	50	146	0.05449
No. 2 (SVE-2)	82 °F	4.4	40.11	50	557	0.20788
Vapor Monitoring Probes:						
No. 1 (SVM-1)	n/a	1.25	n/a	n/a	12.2	n/a
No. 2 (SVM-2)	n/a	0.57	n/a	n/a	16.3	n/a
No. 3 (SVM-3)	n/a	~~0~~.5	n/a	n/a	492	n/a
No. 4 (SVM-4)	n/a	.25	n/a	n/a	478	n/a
Primary Carbon Adsorption Vessels:						
Vessel No. 1 Inlet	91 °F	~~91°F~~ 8	54.89	80	336	0.20064
Vessel No. 1 Outlet	84 °F	~~84°F~~ 2	69.06	80	0.0	0
Vessel No. 2 Outlet	82 °F	~~82°F~~ 0	78.17	75	0.0	0
Vacuum Blower Suction	81 °F	15		95	n/a	n/a

SVE Blower Run Time (hours): 14.1 * (Current Reading (Cumulative)) 0 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1 (N)	2 (S)	3 (E)	4 (W)
~~46.3~~ 49.2	46.1	48.4	42.4
~~70.7~~	~~77.2~~	~~81.2~~	~~87.1~~

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

* reflects mfgr. system test time.)

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/24/03 Day 1 **Ambient Temperature:** 78.0 °F

Time: 1800 **Barometric Pressure:** 29.95

Technician: John Pecori / Dale Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	80°F	5.7	31.42	50	58.1	0.02168
No. 2 (SVE-2)	82°F	4.3	40.32	50	409	0.15264
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.3	n/a	n/a	6.4	n/a
No. 2 (SVM-2)	n/a	.55	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	~~2.0~~ .45	n/a	n/a	61.1	n/a
No. 4 (SVM-4)	n/a	.125	n/a	n/a	182	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	86°F	7.0	56.90	80	383	0.22870
Vessel No. 1 Outlet	8x°F	2.0	69.19	75	0.0	0
Vessel No. 2 Outlet	83°F	0.0	98.32	75	0.0	0
Vacuum Blower Suction	82°F	~~1~~ 15		95	n/a	n/a

SVE Blower Run Time (hours): 26.1 (Current Reading (Cumulative)) N/A (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
74.4	96.1	81.1	78.9
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/25/03 Day 2 **Ambient Temperature:** 67.2

Time: 0530 **Barometric Pressure:** 29.97

Technician: John Recor: / Dale Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	78°F	5.65	37.37	50	17.7	0.00727
No. 2 (SVE-2)	80°F	4.4	39.96	50	376	0.14033
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.05	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	~~.285~~ .62	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.285	n/a	n/a	216	n/a
No. 4 (SVM-4)	n/a	.13	n/a	n/a	209	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	85°F	7	53.25	75	340	0.19034
Vessel No. 1 Outlet	83°F	2	68.94	75	0.0	0
Vessel No. 2 Outlet	80°F	0	77.88	75	0.0	0
Vacuum Blower Suction	80°F	15		90	n/a	n/a

SVE Blower Run Time (hours): 38 (Current Reading (Cumulative)) 11.9 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*
1 (N): 71.1 2 (S): 72.1 3 (E): 79.8 4 (W): 79.4

***Was a carbon adsorption vessel replaced?:** (NO)
YES: Date: _____
Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/25/03 Day 2 **Ambient Temperature:** 82.7 °F

Time: 1800 **Barometric Pressure:** 29.84

Technician: John Pecor / Dale Brace

System Phase / Operating Period (circle one):
(1) ~~Performance Test~~ (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	80 °F	7.7	40.89	60	64.6	0.02893
No. 2 **(SVE-2)**	84 °F	6.0	44.58	60	418	0.18720
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	1.49	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.8	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.5	n/a	n/a	82.4	n/a
No. 4 **(SVM-4)**	n/a	.22	n/a	n/a	8.6	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	98 °F	10	70.25	110	476	0.39082
Vessel No. 1 Outlet	94	4	81.24	97	116	0.08399
Vessel No. 2 Outlet	92	0	102.97	90	32.3	0.02170
Vacuum Blower Suction	82 °F	24		120	n/a	n/a

SVE Blower Run Time (hours): RPM ~~Reduced~~ Increased at 1010

49.9 Current Reading (Cumulative) 11.9 24-hour Period

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
52.1	60.4	49.6	67.3
N	S	E	W

***Was a carbon adsorption vessel replaced?:** ~~YES~~ (NO)

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/26/03 Day 3 **Ambient Temperature:** 68.1 °F

Time: 0600 **Barometric Pressure:** 29.90

Technician: John Pecora / Dale Brave *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	78	8.2	39.85	60	253	0.11331
No. 2 **(SVE-2)**	80	6.0	40.56	55	353	0.14492
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	1.25	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.77	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.7	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.19	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	88	11	63.29	105	~~105~~ 195	0.15283
Vessel No. 1 Outlet	85	4	78.27	95	~~95~~ 0.0	0
Vessel No. 2 Outlet	81	0	93.63	90	~~90~~ 0.0	0
Vacuum Blower Suction	~~125~~ ~~89~~ 79	24		125	n/a	n/a

SVE Blower Run Time (hours): 61.5 (Current Reading (Cumulative)) 11.6 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
73.3	90.1	81.0	84.5
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/26/03 Day 3 **Ambient Temperature:** 77.9 °F

Time: 1800 **Barometric Pressure:** 29.78

Technician: John Pecori / Dale Brave *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	81	8.2	40.07	~~80~~ 60	22.1	0.00990
No. 2 (SVE-2)	82	5.7	45.06	60	302	0.13525
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.55	n/a	n/a	0.7	n/a
No. 2 (SVM-2)	n/a	.80	n/a	n/a	.9	n/a
No. 3 (SVM-3)	n/a	.47	n/a	n/a	13.8	n/a
No. 4 (SVM-4)	n/a	.20	n/a	n/a	5.5	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	94	14	54.57	100	107	0.07987
Vessel No. 1 Outlet	90	6	82.62	110	0.0	0
Vessel No. 2 Outlet	89	0	116.13	115	0.0	0
Vacuum Blower Suction	84	31		120	n/a	n/a

SVE Blower Run Time (hours): 73.3 (Current Reading (Cumulative)) 11.8 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 76.8 (1 N) 101 (2 S) 81.8 (3 E) 83.6 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/27/03 Day 4 **Ambient Temperature:** 73.2

Time: 0600 **Barometric Pressure:** 29.78

Technician: John Pecoraro/Dale Brace

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	76°	8.2	46.32	70	18.2	0.00951
No. 2 (SVE-2)	80°	5.7	52.39	55	27.1	0.1125
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.3	n/a	n/a	.8	n/a
No. 2 (SVM-2)	n/a	.8	n/a	n/a	.9	n/a
No. 3 (SVM-3)	n/a	.50	n/a	n/a	11.0	n/a
No. 4 (SVM-4)	n/a	.25	n/a	n/a	6.5	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	90°	140	54.17	100	180	0.13436
Vessel No. 1 Outlet	85°	6	82.62	111	0.0	0
Vessel No. 2 Outlet	82°	0	119.87	115	0.0	0
Vacuum Blower Suction	80°	23		120	n/a	n/a

SVE Blower Run Time (hours): 85.5 (Current Reading (Cumulative)) 12.2 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
51	62.8	45.2	58.1
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/27/03 Day 4 **Ambient Temperature:** 84.5

Time: 1800 **Barometric Pressure:** 29.79

Technician: John Recosi

System Phase / Operating Period (circle one):
(1) (Performance Test) (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	84°	7.7	41.19	60	16.1	0.00721
No. 2 (SVE-2)	86°	5.9	44.96	60	263	0.11778
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.3	n/a	n/a	3.1	n/a
No. 2 (SVM-2)	n/a	.81	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.53	n/a	n/a	7.5	n/a
No. 4 (SVM-4)	n/a	.12	n/a	n/a	5.9	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	100	11	61.60	100	243	0.18138
Vessel No. 1 Outlet	96°	6	87.32	115	15.2	0.01305
Vessel No. 2 Outlet	95	0	122.74	115	0.0	
Vacuum Blower Suction	86°	25		120	n/a	n/a

SVE Blower Run Time (hours): 97.0 (Current Reading (Cumulative)) 11.5 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 53.2 (1 N) 57.4 (2 S) 44.9 (3 E) 58.8 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO)

YES: Date: _____
Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/28/03 Day 5 **Ambient Temperature:** 68.9

Time: 0600 **Barometric Pressure:** 29.97

Technician: John Recori

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	76	8.0	40.05	60	17.2	0.00770
No. 2 **(SVE-2)**	80	6.0	44.25	60	292	0.13077
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	8.49	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.74	n/a	n/a	.09	n/a
No. 3 **(SVM-3)**	n/a	.50	n/a	n/a	6.5	n/a
No. 4 **(SVM-4)**	n/a	.14	n/a	n/a	3.4	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	85	13	55.62	100	255	0.19034
Vessel No. 1 Outlet	83	6	85.28	115	39.2	0.03365
Vessel No. 2 Outlet	80	0	119.42	115	0.0	0
Vacuum Blower Suction	79	24		120	n/a	n/a

SVE Blower Run Time (hours): 108.8 (Current Reading (Cumulative)) 11.8 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*
50.6 (1 N) 54.8 (2 S) 46.8 (3 E) 58.6 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/28/03 Day 5 **Ambient Temperature:** 79.3

Time: 1800 **Barometric Pressure:** 30.03

Technician: John Pecori *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	82	7.9	40.68	60	16.7	0.00748
No. 2 (SVE-2)	85	5.8	45.09	60	210	0.09405
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.49	n/a	n/a	2.2	n/a
No. 2 (SVM-2)	n/a	.95	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.52	n/a	n/a	2.8	n/a
No. 4 (SVM-4)	n/a	.20	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	95	13	56.64	100	233	0.17392
Vessel No. 1 Outlet	93	6	86.85	115	57.2	0.04395
Vessel No. 2 Outlet	96	0	121.63	115	0.0	0
Vacuum Blower Suction	82	24		120	n/a	n/a

SVE Blower Run Time (hours): ~~99.0~~ 121.1 (Current Reading (Cumulative)) 12.3 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 1 (N): 53.2; 2 (S): 57.4; 3 (E): 58.8; 4 (W): 44.9

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____ Time: _____

reduced flow to blower SVE-1 50 scfm SVE-2 45 scfm at 1905

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/29/03 Day 6 **Ambient Temperature:** 68.7

Time: 0600 **Barometric Pressure:** 30.09

Technician: John Pecan / Mike Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	74°	5.9	36.64	50	20.2	0.00754
No. 2 **(SVE-2)**	77	4.6	39.33	50	253	0.09442
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	1.0	n/a	n/a	2.3	n/a
No. 2 **(SVM-2)**	n/a	.59	n/a	n/a	2.0	n/a
No. 3 **(SVM-3)**	n/a	.40	n/a	n/a	13.1	n/a
No. 4 **(SVM-4)**	n/a	.05	n/a	n/a	2.2	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	80°	9	51-53	80	238	0.14212
Vessel No. 1 Outlet	76	2	81.66	90	27	0.01814
Vessel No. 2 Outlet	75	0	92.60	90	0.0	0
Vacuum Blower Suction	76°	16		95	n/a	n/a

SVE Blower Run Time (hours): 138.1 (Current Reading (Cumulative)) 17.0 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1 (N)	2 (S)	3 (E)	4 (W)
53.4	61.7	47.9	60.1

***Was a carbon adsorption vessel replaced?:** (NO)

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/29/03 Day 6 **Ambient Temperature:** 76.1

Time: 1800 **Barometric Pressure:** 29.96

Technician: John Pecori *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells*						
No. 1 (SVE-1)	78°	5.9	36.91	50	254 15.4	0.00575
No. 2 (SVE-2)	82°	4.4	40.11	50	254	0.09479
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	1.3	n/a	n/a	3.3	n/a
No. 2 (SVM-2)	n/a	.60	n/a	n/a	2.4	n/a
No. 3 (SVM-3)	n/a	.38	n/a	n/a	0.9	n/a
No. 4 (SVM-4)	n/a	.09	n/a	n/a	0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	88°	8	54.60	80	1.0	0.00060
Vessel No. 1 Outlet	85°	2	83.03	90	18.2	0.01223
Vessel No. 2 Outlet	84°	0	94.15	90	208	0.13973
Vacuum Blower Suction	81°	16		95	n/a	n/a

SVE Blower Run Time (hours): 145.7 (Current Reading (Cumulative)) 7.6 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 61.3 (1 N) 66.8 (2 S) 62.9 (3 E) 50.8 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO)

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Soil Vapor Extraction (SVE) System

Progress Monitoring Form

Date: 8/30/03 Day 7 **Ambient Temperature:** 74.1

Time: 0600 **Barometric Pressure:** 29.95

Technician: John Pecor

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells*						
No. 1 (SVE-1)	79°	6.1	36.63	50	15.7	0.00586
No. 2 (SVE-2)	81°	4.2	40.46	50	188	0.07016
Vapor Monitoring Probes*						
No. 1 (SVM-1)	n/a	1.1	n/a	n/a	4.8	n/a
No. 2 (SVM-2)	n/a	.60	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.34	n/a	n/a	1.7	n/a
No. 4 (SVM-4)	n/a	.09	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	88	8	54.60	80	185	0.11047
Vessel No. 1 Outlet	84	4	74.01	90	9.8	0.00658
Vessel No. 2 Outlet	85	0	94.33	90	0.0	0
Vacuum Blower Suction	80°	16		95	n/a	n/a

SVE Blower Run Time (hours): 158.2 (Current Reading (Cumulative)) 12.5 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
51.8	53.9	45.5	54.7
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO)

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/30/03 Day 7 **Ambient Temperature:** 70.3

Time: 1800 **Barometric Pressure:** 30.03

Technician: John Record *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	78°	5.8	37.09	50	6.4	0.00239
No. 2 **(SVE-2)**	81	4.4	40.04	50	163	0.06083
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	1.1	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	0.8	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.35	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.15	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	84	9	51.91	80	171	0.10211
Vessel No. 1 Outlet	82	4	73.74	90	13.3	0.00893
Vessel No. 2 Outlet	80	0	93.46	90	0.0	0
Vacuum Blower Suction	80	16		95	n/a	n/a

SVE Blower Run Time (hours): 109.5 (Current Reading (Cumulative)) 11.3 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 1 N: 75.3; 2 S: 61.1; 3 E: 81.5; 4 W: 82.5

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____ Time: _____

1855 total scfm reduced to 70 scfm

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Pre start-CP

Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/31/03 Day 8 **Ambient Temperature:** 60.8

Time: 0530 **Barometric Pressure:** 30.25

Technician: John Pecori

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)		4.4				
No. 2 (SVE-2)		4.7				
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.80	n/a	n/a		n/a
No. 2 (SVM-2)	n/a	~~.79~~ .36	n/a	n/a		n/a
No. 3 (SVM-3)	n/a	.27	n/a	n/a		n/a
No. 4 (SVM-4)	n/a	.07	n/a	n/a		n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet						
Vessel No. 1 Outlet						
Vessel No. 2 Outlet						
Vacuum Blower Suction					n/a	n/a

SVE Blower Run Time (hours): _____ Current Reading (Cumulative) _____ 24-hour Period

Sound Decibel Readings: *(four locations, as posted)* _____ 1 _____ 2 _____ 3 _____ 4

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/31/03 Day 8 **Ambient Temperature:** ~~66.5~~ 74.8

Time: 0700 **Barometric Pressure:** 29.96

Technician: John Pecori/Dale Brave *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	72	4.4	35.43	45	16	0.00537
No. 2 (SVE-2)	76	4.7	35.15	45	198	0.06651
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.80	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.36	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.27	n/a	n/a	4.7	n/a
No. 4 (SVM-4)	n/a	.07	n/a	n/a	0	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	80°	~~7~~ 8	50.44	75	137	0.07669
Vessel No. 1 Outlet	77	2	77.27	85	24	0.01523
Vessel No. 2 Outlet	78	0	87.94	85	0.0	0
Vacuum Blower Suction	76	10		70	n/a	n/a

SVE Blower Run Time (hours): 182.7 (Current Reading (Cumulative)) 13.2 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 1 N: 75.7; 2 S: 86.1; 3 E: 82.1; 4 W: 77.6

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 8/31/03 Day 8 **Ambient Temperature:** 70.1

Time: 1800 **Barometric Pressure:** 30.22

Technician: John Peconi *System ~~Phase~~ / ~~Operating~~ Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells *						
No. 1 (SVE-1)	79	4.1	36.47	45	6.4	0.00215
No. 2 (SVE-2)	81	3.2	38.45	45	184	0.06180
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.70	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.45	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.27	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.06	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	82	8	50.62	75	121	0.06774
Vessel No. 1 Outlet	80	3	73.31	85	25.2	0.01599
Vessel No. 2 Outlet	80	0	88.27	85	0.0	0
Vacuum Blower Suction	80	10		70	n/a	n/a

SVE Blower Run Time (hours): 193.3 (Current Reading (Cumulative)) 10.6 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
75.8	81.5	85.4	82.0
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/1/03 Day 9 **Ambient Temperature:** 62.4

Time: 0600 **Barometric Pressure:** 30.19

Technician: John Pecori/Dale Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells*						
No. 1 **(SVE-1)**	72	4.4	35.43	45	8.5	0.00286
No. 2 **(SVE-2)**	74	3.2	37.95	45	157	0.05273
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	.60	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.50	n/a	n/a	3.5	n/a
No. 3 **(SVM-3)**	n/a	~~.0~~ .3	n/a	n/a	3.8	n/a
No. 4 **(SVM-4)**	n/a	.07	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	~~72~~ 75	8	49.97	75	132	0.07390
Vessel No. 1 Outlet	74	4	68.62	85	27.5	0.01745
Vessel No. 2 Outlet	72	0		~~35~~	0.0	
Vacuum Blower Suction	72	10		70	n/a	n/a

SVE Blower Run Time (hours): 206.1 (Current Reading (Cumulative)) 12.8 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
71.1	73.1	80.1	85.6
N	S	E	W

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/1/03 Day 9 **Ambient Temperature:** 63.6

Time: 1800 **Barometric Pressure:** 30.08

Technician: John Pecoraro

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	71	4.3	35.55	45	9.8	0.00329
No. 2 **(SVE-2)**	72	3.2	37.81	45	191	0.06415
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	.85	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.44	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.25	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.045	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	75	8	75.00	75	121	0.06774
Vessel No. 1 Outlet	72	3	72.09	85	29.9	0.01897
Vessel No. 2 Outlet	71	0	86.80	85	0	0
Vacuum Blower Suction	72	10		70	n/a	n/a

SVE Blower Run Time (hours): 217.5 (Current Reading (Cumulative)) 11.4 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
81.0	85.9	83.4	85.5
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/2/03 Day 10 SVE **Ambient Temperature:** 60.9

Time: 0600 **Barometric Pressure:** 29.99

Technician: John Pecori / Dale Brave

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	70	4.1	35.86	45	~~8.2~~	0.00275
No. 2 **(SVE-2)**	72	3.6	36.98	45	14	0.04837
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	.88	n/a	n/a	~~0.0~~	n/a
No. 2 **(SVM-2)**	n/a	.45	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.30	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.06	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	74	8	49.88	75	125	0.06998
Vessel No. 1 Outlet	72	4	72.38	90	35.7	0.02398
Vessel No. 2 Outlet	70	0	86.63	85	0.0	0
Vacuum Blower Suction	71	10		70	n/a	n/a

SVE Blower Run Time (hours): 229.0 (Current Reading (Cumulative)) 11.5 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 72.1 (1 N) 83.4 (2 S) 82.3 (3 E) 81.5 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Soil Vapor Extraction (SVE) System

Progress Monitoring Form

1245

Date: 9/2/03 Prestart-up of AS Day 10 **Ambient Temperature:** 61.8

Time: 1100 / System on 1245 Day 1 (of AS) **Barometric Pressure:** 1245 30.07

Technician: John Ricori / Dale Brave

System Phase / Operating Period (circle one):

(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**						
No. 2 **(SVE-2)**						
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a		n/a	n/a		n/a
No. 2 **(SVM-2)**	n/a		n/a	n/a		n/a
No. 3 **(SVM-3)**	n/a		n/a	n/a		n/a
No. 4 **(SVM-4)**	n/a		n/a	n/a		n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet						
Vessel No. 1 Outlet						
Vessel No. 2 Outlet						
Vacuum Blower Suction					n/a	n/a

SVE Blower Run Time (hours): _____ Current Reading (Cumulative) _____ 24-hour Period

Sound Decibel Readings: *(four locations, as posted)* _____ 1 _____ 2 _____ 3 _____ 4

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Soil Vapor Extraction (SVE) System

Progress Monitoring Form

Date: 9/2/03 Day 10 - SVE Day 1 - AS **Ambient Temperature:** 63.6 °F

Time: 1735 **Barometric Pressure:** 30.09

Technician: John Peori / Dale Brave *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.) psig	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	72	4.2	35.81	45	0.0	0.0
No. 2 (SVE-2)	74	3.2	37.95	45	11.4	0.00383
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.8	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.30	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	~~.25~~ .21	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.01	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	80	8	50.44	75	~~0.0~~ 72.1	0.04036
Vessel No. 1 Outlet	78	3	77.33	90	22.3	0.01498
Vessel No. 2 Outlet	75	0	92.60	85	~~73.1~~ 0.0	0
Vacuum Blower Suction	73	10		70	n/a	n/a

SVE Blower Run Time (hours): 241.2 (Current Reading (Cumulative)) 12.2 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 1 N: 75.2; 2 S: 81.2; 3 E: 81.4; 4 W: 86.1

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

about 1830 AS shut down

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/3/03 Day 11-SVE Day 2-AS **Ambient Temperature:** 62.4

Time: 0600 **Barometric Pressure:** 30.09

Technician: John Prior.

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	72	4.0	36.19	45	5.9	0.00198
No. 2 (SVE-2)	74	7.6	50.77	75	65.8	0.03684
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.8	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.85	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.6	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.17	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	80	10	52.53	85	157	0.09961
Vessel No. 1 Outlet	75	4	80.88	100	42.5	0.03172
Vessel No. 2 Outlet	76	0	97.92	95	0.0	0
Vacuum Blower Suction	74	29		105	n/a	n/a

SVE Blower Run Time (hours): 244.1 (Current Reading (Cumulative)) 2.9 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*
1 N: 70.1 2 S: 71.3 3 E: 77.4 4 W: 69.5

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____
Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/3/03 Day 11 - SVE Day 2 - AS **Ambient Temperature:** 64.0

Time: 1000 **Barometric Pressure:** 30.09

Technician: John Recori / Dale Brave *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	72	3.8	36.58	45	5.2	0.00175
No. 2 **(SVE-2)**	74	6.8	49.15	70	71.4	0.03731
Vapor Monitoring Probes						
No. 1 **(SVM-1)**	n/a	0.6	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.55	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.19	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.095	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet				95		
Vessel No. 1 Outlet				100		
Vessel No. 2 Outlet				95		
Vacuum Blower Suction	74	29		105	n/a	n/a

SVE Blower Run Time (hours): 248.6 (Current Reading (Cumulative)) 4.8 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 1 _____ 2 _____ 3 _____ 4 _____

***Was a carbon adsorption vessel replaced?:** (NO)

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/3/03 Day 11-SVE / Day 2-AS **Ambient Temperature:** 65.3

Time: 1800 **Barometric Pressure:** 30.00

Technician: John Pecori / Jake Bruce *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	74	3.9	36.52	45	0.0	0
No. 2 (SVE-2)	76	7.0	52.37	75	57.1	0.03197
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.98	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.55	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.35	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.01	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	88	10	62.72	100	114	0.08509
Vessel No. 1 Outlet	82	2	91.75	100	204	0.15227
Vessel No. 2 Outlet	80	0	103.85	100	0.0	0
Vacuum Blower Suction	74	29		105	n/a	n/a

SVE Blower Run Time (hours): 255.5 (Current Reading (Cumulative)) 6.9 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
76.5	96.7	82.8	77.1
N	S	E	W

***Was a carbon adsorption vessel replaced?:** NO YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/4/03 Day 12-SVE Day 3-AS **Ambient Temperature:** 70.1

Time: 0600 **Barometric Pressure:** 29.29

Technician: John Pecoraro

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	78	3.6	37.40	45	7.6	0.00255
No. 2 (SVE-2)	78	6.8	53.05	75	35	0.01959
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.7	n/a	n/a	6.2	n/a
No. 2 (SVM-2)	n/a	.75	n/a	n/a	0	n/a
No. 3 (SVM-3)	n/a	.225	n/a	n/a	0	n/a
No. 4 (SVM-4)	n/a	.02	n/a	n/a	0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	90	10	59.80	95	98.3	0.06970
Vessel No. 1 Outlet	88	4	82.84	100	232	0.17317
Vessel No. 2 Outlet	84	0	99.38	95	0	0
Vacuum Blower Suction	79	29		105	n/a	n/a

SVE Blower Run Time (hours): 268.3 (Current Reading (Cumulative)) 12.8 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
78.1	82.7	84.9	70.1
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/4/03 Day 12-SVE Day 3-AS **Ambient Temperature:** 72.8

Time: 1800 **Barometric Pressure:** 29.76

Technician: John Pecori *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	80	3.4	29.52	35	10.3	0.00269
No. 2 (SVE-2)	80	7.0	49.24	70	32.0	0.01672
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.8	n/a	n/a	4.2	n/a
No. 2 (SVM-2)	n/a	.45	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.20	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.03	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	93	10	53.80	85	89.2	0.02659
Vessel No. 1 Outlet	90	4	78.99	55	225	0.15955
Vessel No. 2 Outlet	88	0	100.12	95	0	0
Vacuum Blower Suction	84	34		120	n/a	n/a

SVE Blower Run Time (hours): 280.0 (Current Reading (Cumulative)) 11.7 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 74.8 (1 N) 83.6 (2 S) 80.3 (3 E) 80.4 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: Time:

1900 Hr on SVE up to 60 from 55.5; opened dilution valve on AS AS-1 = 10, AS-2 = 10, AS-3 = 7
SVE-1 = 35, SVE-2 = 85

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/5/03 Day 13-SVE Day 4-AS **Ambient Temperature:** 63.5

Time: 0600 **Barometric Pressure:** 29.85

Technician: John Pecori

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	wellhead Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	76	2.8	25.98	30	2.6	0.00058
No. 2 (SVE-2)	76	8.4	52.48	80	37.0	0.01911
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.4	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.80	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.45	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.22	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	89	11	54.35	90	100	0.06718
Vessel No. 1 Outlet	84	5	78.06	100	230	0.19168
Vessel No. 2 Outlet	80	0	103.85	100	0	0
Vacuum Blower Suction	77	36		105	n/a	n/a

for 1 w

SVE Blower Run Time (hours): 292.0 (Current Reading (Cumulative)) 12.0 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 76.3 (1 N) 79.2 (2 S) 81.7 (3 E) 84.4 (4 W)

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/5/03 Day 13-SVE Day 4-AS **Ambient Temperature:** 73.4

Time: 1800 **Barometric Pressure:** 29.91

Technician: J.P.

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells:						
No. 1 (SVE-1)	82	2.5	31.18	35	0.0	0
No. 2 (SVE-2)	81	8.6	52.51	80	20.8	0.01242
Vapor Monitoring Probes:						
No. 1 (SVM-1)	n/a	.70	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.65	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.30	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.1x1	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels:						
Vessel No. 1 Inlet	98	10	57.48	90	71.2	0.04783
Vessel No. 1 Outlet	93	4	86.11	109	179.8	0.13823
Vessel No. 2 Outlet	89	0	108.74	100	0	0
Vacuum Blower Suction	82	36		105	n/a	n/a

SVE Blower Run Time (hours): 304.1 (Current Reading (Cumulative)) ~~48.1~~ 12 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
78.7	81.7	80.1	83.6
N	S	E	W

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____
Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/6/03 Day 14-SVE Day 5-AS **Ambient Temperature:** 58.6

Time: 0600 **Barometric Pressure:** 30.03

Technician: J.P

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	72	2.8	25.78	30	0.0	0
No. 2 (SVE-2)	74	8.6	51.83	80	22.8	0.01361
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.6	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.6	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.45	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.135	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	83	11	53.76	90	79.1	0.05314
Vessel No. 1 Outlet	79	5	77.35	100	106	0.07912
Vessel No. 2 Outlet	75	0	102.88	100	0.0	0
Vacuum Blower Suction	74	36		110	n/a	n/a

SVE Blower Run Time (hours): 316.1 (Current Reading (Cumulative)) 12.1 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
73.5	82.4	78.1	85.0
N	S	E	W

***Was a carbon adsorption vessel replaced?:** NO

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/6/03 Day 14-SVE Day **Ambient Temperature:** 74.8

Time: 1800 **Barometric Pressure:** 29.99

Technician: J.P.

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	83	2.9	30.53	35	0.0	~~0.0~~ 0
No. 2 (SVE-2)	82	~~2.4~~ 82	56.87	85	16.5	0.01047
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.5	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	~~8.2~~ .8	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.5	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.2	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	98	10	54.28	85	67.7	0.04295
Vessel No. 1 Outlet	~~94~~	4	75.37	90	154	0.10345
Vessel No. 2 Outlet	90	0	95.19	100	0.0	0
Vacuum Blower Suction	84	36		105	n/a	n/a

SVE Blower Run Time (hours): 328.7 (Current Reading (Cumulative)) 12.6 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
83.9	89.1	83.2	82.6
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/7/03 Day 15 **Ambient Temperature:** 59.3

Time: 0600 **Barometric Pressure:** 29.99

Technician: J.P. *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 (SVE-1)	73	2.3	26.59	30	0.0	0
No. 2 (SVE-2)	76	9.0	54.34	85	9.2	0.00584
Vapor Monitoring Probes						
No. 1 (SVM-1)	n/a	.5	n/a	n/a	0.0	n/a
No. 2 (SVM-2)	n/a	.6	n/a	n/a	0.0	n/a
No. 3 (SVM-3)	n/a	.6	n/a	n/a	0.0	n/a
No. 4 (SVM-4)	n/a	.2	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels*						
Vessel No. 1 Inlet	84	10	56.03	90	63.4	0.04259
Vessel No. 1 Outlet	80	5	77.49	100	85.5	0.06382
Vessel No. 2 Outlet	75	0	102.88	100	0	
Vacuum Blower Suction	74	36		110	n/a	n/a

SVE Blower Run Time (hours): 340.4 (Current Reading (Cumulative)) 11.7 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
80.1	83.4	82.0	78.9
N	S	E	W

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: _____ Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners

Soil Vapor Extraction (SVE) System

Progress Monitoring Form

Date: 9/7/03 Day 15 **Ambient Temperature:** 77.0

Time: 1800 **Barometric Pressure:** 29.94

Technician: J.P.

System Phase / Operating Period (circle one):

(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells:						
No. 1 **(SVE-1)**	88	2.3	27.34	30	~~30~~ 0.0	0
No. 2 **(SVE-2)**	84	8.2	53.72	80	10.9	0.00651
Vapor Monitoring Probes:						
No. 1 **(SVM-1)**	n/a	.5	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	~~8~~ .6	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.3	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.25	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels:						
Vessel No. 1 Inlet	98	10	57.48	90	52.6	0.03534
Vessel No. 1 Outlet	95	5	79.64	100	131	0.09778
Vessel No. 2 Outlet	92	10	106.15	100	0	0
Vacuum Blower Suction	74	36		105	n/a	n/a

SVE Blower Run Time (hours): 351.6 (Current Reading (Cumulative)) 11.2 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)*

1	2	3	4
~~84~~.1	~~83~~ 90.7	~~86~~ 85.7	~~88~~ 82.9

***Was a carbon adsorption vessel replaced?:** (NO)

YES: Date: _____

Time: _____

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Progress Monitoring Form

Date: 9/2/03 Day 16 **Ambient Temperature:** 63.1

Time: 0600 **Barometric Pressure:** 29.98

Technician: JP *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOC Concentration (ppm at STP)	Estimated Total VOC Flow Rate (lb/hr)
Vapor Extraction Wells						
No. 1 **(SVE-1)**	74	2.7	26.03	30	0.0	0
No. 2 **(SVE-2)**	76	8.2	56.24	85	10.7	0.00679
Vapor Monitoring Probes*						
No. 1 **(SVM-1)**	n/a	.59	n/a	n/a	0.0	n/a
No. 2 **(SVM-2)**	n/a	.70	n/a	n/a	0.0	n/a
No. 3 **(SVM-3)**	n/a	.50	n/a	n/a	0.0	n/a
No. 4 **(SVM-4)**	n/a	.20	n/a	n/a	0.0	n/a
Primary Carbon Adsorption Vessels						
Vessel No. 1 Inlet	89	10	56.55	90	55.6	0.03735
Vessel No. 1 Outlet	86	4	82.54	100	70.4	0.05255
Vessel No. 2 Outlet	82	0	104.23	100	0	0
Vacuum Blower Suction	78	36		110	n/a	n/a

SVE Blower Run Time (hours): 364.3 (Current Reading (Cumulative)) 12.7 (24-hour Period)

Sound Decibel Readings: *(four locations, as posted)* 75.3 (1) 82.3 (2) 72.9 (3) 77.7 (4)

***Was a carbon adsorption vessel replaced?:** (NO) YES: Date: 9/2/03 Time:

Note: A running total of mass of VOCs and volume of air shall be maintained for each carbon adsorption vessel until it is taken off line. Use the Carbon Adsorption Vessel Data Form. A new running total shall be started each time a carbon adsorption vessel is replaced.

Completed form to be included in each SVE System Progress Monitoring Report.

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	18.1	15.9	9.64	13.7	10.7	11.9	11.9	13.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	10.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	11.7	14.3	12.6	15.3	12.2	13.4	13.4	14.1
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	n/a*	12.3	11.6	12.8	14.3	17.0	<5.00	11.1
Toluene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	12.3	13.0	11.2	13.9	11.0	12.8	14.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	20.0					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	6.31	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	18.0	15.1	7.58	14.0	19.0	13.5	15.7	1100
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	10.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	12.8	15.5	12.2	14.2	15.9	14.9	14.8	17.0
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	n/a*	17.8	19.4	<5.00	19.6	72.0	13.8	13.3
Toluene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	10.7	13.7	<5.00	12.9	9.67	16.3	16.9
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	19.2					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	16.1	9.71	<5.00	10.1	<5.00	5.47	5.39	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	14.9	6.19	<5.00	<5.00	7.41	<5.00	<5.00	5.24
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	n/a*	<5.00	<5.00	10.8	5.42	18.7	<5.00	<5.00
Toluene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	<5.00	15.3	7.63	19.4	14.7	18.0	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	918/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	<5.00					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	117	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	719	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	41.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	146	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	17100	10.7	7.33	11.9	9.83	174	11.3	10.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	87.1	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	3580	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	31.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	13.5	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Tetrachloroethene	9.08	13.3	12.9	12.8	16.5	9.31	12.0	n/a*
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	n/a*	12.1	11.0	5.26	15.1	16.6	17.9	10.8
Toluene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	n/a*	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	14.8	14.5	17.3	13.5	15.7	19.0	14.4
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	<5.00					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	9.29	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	84.3	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	13.1	11.0	3440	10.4	10.3	12.1	8.71	14.1
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	141	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	10.2	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Tetrachloroethene	15.6	<5.00	16.6	16.1	12.6	10.8	11.2	n/a*
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	12.0	15.9	15.7	8.61	9.54	13.6	19.8	16.1
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	<5.00	12.1	13.1	12.8	13.0	18.1	19.3
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/21/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	6.95 1					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	10200	96.7	54.7	40.9	16.0	5.59	5.59	7.80
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	3570	11.8	8.97	8.91	10.4	9.23	8.34	8.34
Toluene	27.6	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	148	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methyl Ethyl Ketone (MEK)	5.94	5.94	5.35	5.02	<5.00	<5.00	101	n/a*
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Tetrachloroethene	19.4	9.35	17.1	10.5	9.88	9.79	9.34	n/a*
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	22.2	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	8.57	13.0	11.7	9.65	14.6	15.7	16.5	10.5
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	13.5	10.7	13.1	11.4	15.0	12.1	13.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	13.8					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	5.12	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	15.3	10.2	6.37	17.1	13.5	15.2	12.5	15.6
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	6.56	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Tetrachloroethene	20.0	14.8	24.5	21.4	17.0	16.7	15.6	n/a*
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	9.74	14.8	17.1	15.7	16.3	14.0	15.4	15.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	12.7	14.9	13.7	17.8	15.2	16.7	15.0
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	16.2					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	6.93	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	13.1	13.5	8.22	14.0	10.9	<5.00	9.49	14.3
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Tetrachloroethene	16.0	15.8	18.4	17.4	15.4	15.9	15.5	n/a*
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	10.9	12.1	18.9	15.9	18.4	15.2	16.7	17.5
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	20.1	14.6	12.0	14.2	17.9	14.1	15.4
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	12.9					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/24/03 a.m.	8/24/03 p.m.	8/25/03 a.m.	8/25/03 p.m.	8/26/03 a.m.	8/26/03 p.m.	8/27/03 a.m.	8/27/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	9.94	10.4	21.1	8.22	14.9	8.02	10.4	14.2
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	8/28/03 a.m.	8/28/03 p.m.	8/29/03 a.m.	8/29/03 p.m.	8/30/03 a.m.	8/30/03 p.m.	8/31/03 a.m.	8/31/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Tetrachloroethene	18.8	10.0	9.65	5.46	9.58	9.42	11.1	n/a*
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	n/a*

Note: Results are reported per 10L (Tenax tube volume).

n/a* = not available; laboratory instrument failure

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)							
Matrix: Vapor	9/1/03 a.m.	9/1/03 p.m.	9/2/03 a.m.	9/2/03 p.m.	9/3/03 a.m.	9/3/03 p.m.	9/4/03 a.m.	9/4/03 p.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	12.8	16.6	18.6	16.3	17.2	1430	14.2	12.4
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	SVE Performance Test (16 Days: 8/24/03 thru 9/8/03)						
Matrix: Vapor	9/5/03 a.m.	9/5/03 p.m.	9/6/03 a.m.	9/6/03 p.m.	9/7/03 a.m.	9/7/03 p.m.	9/8/03 a.m.
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	14.4	13.4	12.1	11.7	13.3	15.4	13.2
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03					
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00					
1,1,2,2-Tetrachloroethane	<5.00					
1,1,2-Trichloroethane	<5.00					
1,1-Dichloroethane	<5.00					
1,1-Dichloroethene	<5.00					
1,2-Dichlorobenzene	<5.00					
1,2-Dichloroethane	<5.00					
1,2-Dichloropropane	<5.00					
1,3-Dichlorobenzene	<5.00					
1,4-Dichlorobenzene	<5.00					
Acetone	<5.00					
Benzene	<5.00					
Bromodichloromethane	<5.00					
Bromoform	<5.00					
Bromomethane	<5.00					
Carbon Tetrachloride	<5.00					
Chlorobenzene	<5.00					
Chlorodibromomethane	<5.00					
Chloroethane	<5.00					
Chloroform	<5.00					
Chloromethane	<5.00					
cis-1,3-Dichloropropene	<5.00					
Ethylbenzene	<5.00					
Methyl Ethyl Ketone (MEK)	<5.00					
Methylene Chloride	<5.00					
MTBE	<5.00					
Tetrachloroethene	19.4					
Toluene	<5.00					
trans-1,2-Dichloroethene	<5.00					
trans-1,3-Dichloropropene	<5.00					
Trichloroethene	<5.00					
Trichlorofluoromethane	<5.00					
Vinyl Chloride	<5.00					
Xylene, m+p	<5.00					
Xylene, o	<5.00					

Note: Results are reported per 10L
(Tenax tube volume).

AS PERFORMANCE TEST REPORT

Environmental
Products & Services, Inc.
Geoscience Services Division
7280 Caswell Street, N. Syracuse, NY 13212 • Phone (315) 476-4410 • Fax (315) 458-0526

SUBMITTED	☐
APPROVED	☐
APPROVED AS NOTED	☐
REVISED AND RESUBMITTED	☑
DISAPPROVED	☐

THIS MATERIAL HAS BEEN CHECKED FOR GENERAL ARRANGEMENT AND COMPLIANCE WITH SPECIFICATION AND CONTRACT DRAWINGS. APPROVAL OF THIS MATERIAL SHALL NOT RELIEVE THE CONTACTOR OF THE RESPONSBILITY FOR DIMENSIONAL OR OTHER ERRORS AND OMMISSIONS, OR OF GUARANTIES REQUIRED BY THE CONTRACT DOCUMENTS.

ENVIRONMENTAL
PRODUCTS & SERVICES, INC.
BY RDB DATE 11-19-03

September 15, 2003

Mr. Frank DeVita
Dvirka and Bartilucci
330 Crossways Park Dr.
Woodbury, NY 11797-2015

Project Name:	**NYSDEC – Franklin Cleaners Site**
Contract Number:	**D004184**
Contractor's Name:	**Environmental Products & Services, Inc.**
Report Number:	**One (of one)**
Reporting Period Dates:	**September 2, 2003 to September 8, 2003**
Date of Report:	**September 15, 2003**
Name of Report:	**AIR SPARGING PERFORMANCE TEST REPORT – REVISED**

Dear Mr. DeVita:

Environmental Products and Services, Inc. (EPS) is pleased to provide the following Air Sparging Performance Test Report. This report is being submitted within seven days of completing the Air Sparging Performance Test.

- AS Performance Test Start Date: September 2, 2003 at 12:45 hours
  (Official start of the AS system was on day 10 of the SVE System Performance Test. Background and baseline data collected prior to the above date.)
- AS Performance Test End Date: September 8, 2003 *(reflects 7-day run time)*
- Report due by September 15, 2003.

In accordance with Section 4.2.I of the Contract Document, the following information is provided.

1. **Field reports are provided as recorded on the AS Sampling, Monitoring and Reporting Forms, copies attached.** These include data reflecting:
   - Pre-AS Groundwater Sampling event: August 18, 2003 (FC-1, FC-2) and August 20, 2003 (ASM-1 and ASM-2)
   - Two hours prior to start up: September 2, 2003
   - Two hours after initial start-up: September 2, 2003
   - Field reports: September 2 through September 8, 2003

2. **Total Run time (hours) for the AS blower for each 24-hour period during the AS Performance Test:**

Day	Date	Daily Run Time (hours)	Cumulative Run Time (hours)
1	9/2/03	5.75 ✓	5.75
2	9/3/03	16	21.75
3	9/4/03	24	45.75
4	9/5/03	24	69.75
5	9/6/03	24	93.75
6	9/7/03	24	117.75
7	9/8/03	~~24~~ 6	~~141.75~~ 123.5

131.9
123.5
8.4 ??

3. **Total down-time, if any, for the AS System during the AS Performance Test:**
✓ 13.5 hours (September 2-3, 2003). See attached Air Sparging System Down-Time Form.

4. **Daily and total cumulative air flow in standard cubic feet injected into the aquifer by each air sparging well during the AS Performance Test:**

Day	Date	AS-1 Daily (cf)	Cumulative (cf)	AS-2 Daily (cf)	Cumulative (cf)	AS-3 Daily (cf)	Cumulative (cf)
1	9/2/03	✓ 3,450	3,450	3,450	3,450	3,450	3,450
2	9/3/03	11,520	14,970	9,600	13,050	7,680	11,130
3	9/4/03	✓ 13,680	28,650	14,112	27,162	14,256	25,386
4	9/5/03	✓ 14,400	43,050	14,112	41,274	10,080	35,466
5	9/6/03	✓ 14,400	57,450	✓ 8,640	49,914	✓ 14,400	49,866
6	9/7/03	✓ 14,112	71,562	13,680	63,594	9,792	59,658
7	9/8/03	✓ ~~14,112~~	~~85,674~~	~~13,680~~	~~77,274~~	~~9,936~~	~~69,594~~
		3528	75090	3420	80694	2484	62142

5. Number of hours each well was used during each 24-hour period and cumulative number of hours each well has been used during the AS Performance Test:

Day	Date	AS-1 (hours)	Cumulative	AS-2 (hours)	Cumulative	AS-3 (hours)	Cumulative
1	9/2/03	5.75	5.75	5.75	5.75	5.75	5.75
2	9/3/03	16	21.75	16	21.75	16	21.75
3	9/4/03	24	45.75	24	45.75	24	45.75
4	9/5/03	24	69.75	24	69.75	24	69.75
5	9/6/03	24	93.75	24	93.75	24	93.75
6	9/7/03	24	117.75	24	117.75	24	117.75
7	9/8/03	~~24~~ 6	~~141.75~~ 123.75	~~24~~ 6	~~141.75~~ 123.75	~~24~~ 6	~~141.75~~ 123.75

All AS wells were on line during the AS Performance Test.

6. Concentrations of each volatile organic compound, iron and manganese detected, if any, in the groundwater samples collected on August 21, 2003 (one event prior to AS start-up; ASM-1, ASM-2, FC-1, FC-2) are summarized on Table 2, attached. Complete analytical results are also attached.

7. Concentrations of each volatile organic compound detected from vapor samples collected from each Vapor Monitoring Probe (SVM-1, SVM-2, SVM-3, and SVM-4) during the AS Performance Test (September 2 to 8, 2003) are summarized in Table 1, attached. Complete analytical results are also attached.

8. Waste was <u>not</u> generated during the AS Performance Test.

If you have questions regarding this report, please do not hesitate to call our office at (315) 476-4410 or (800) 262-1012.

Very truly yours,

ENVIRONMENTAL PRODUCTS & SERVICES, INC.

R. Dale Braue

R. Dale Braue CEM, RHSP (Ext. 150)
Director of Geoscience Services.

RDB/ms
3119.K0122
Enclosures:
AS Sampling, Monitoring, and Reporting Forms
AS System Down-Time Form (September 2-3, 2003)
Table 1 – Summary of Analytical Results (Vapor: SVM-1, SVM-2, SVM-3, and SVM-4)
Table 2 – Summary of Groundwater Analytical Results
Laboratory (Vapor) Analytical Results (ELS, excerpts, SVM-1, SVM-2, SVM-3, and SVM-4)
Laboratory Groundwater Analytical Results (Chemtech)

Environmental
Products & Services, Inc.
Geoscience Services Division
7280 Caswell Street, N. Syracuse, NY 13212 • Phone (315) 476-4410 • Fax (315) 458-0526

November 19, 2003

SUBMITTED	☐
APPROVED	☐
APPROVED AS NOTED	☐
REVISED AND RESUBMITTED	☑
DISAPPROVED	☐

THIS MATERIAL HAS BEEN CHECKED FOR GENERAL ARRANGEMENT AND COMPLIANCE WITH SPECIFICATION AND CONTRACT DRAWINGS. APPROVAL OF THIS MATERIAL SHALL NOT RELIEVE THE CONTACTOR OF THE RESPONSBILITY FOR DIMENSIONAL OR OTHER ERRORS AND OMMISSIONS, OR OF GUARANTIES REQUIRED BY THE CONTRACT DOCUMENTS.

ENVIRONMENTAL
PRODUCTS & SERVICES, INC.
BY R D'Brace DATE 11-19-03

Mr. Frank DeVita
Dvirka and Bartilucci
330 Crossways Park Dr.
Woodbury, NY 11797-2015

Project Name: **NYSDEC – Franklin Cleaners Site**
Contract Number: **D004184**
Subject: **Air Sparging Performance Test Report**

Dear Mr. DeVita:

Environmental Products and Services, Inc. (EPS) is pleased to provide the following response to your comments regarding our submittal of the Air Sparging Performance Test Report (Report) dated September 15, 2003.

General Comments Section

Regarding the performance criterion of the AS system, NYSDEC is examining the requirement for further testing. EPS awaits further comments.

Item 1: Field Reports

1. The field data required for the pre-AS sample event of groundwater monitoring wells ASM-1, ASM-2, FC-1, and FC-2 were collected on EPS Site Visit Report forms. The data collected on August 18 and 20, 2003 has been recorded on the AS Sampling, Monitoring and Reporting forms and are included in the revised Report, attached.

5. The required scfm to acfm conversions have been recorded on the monitoring forms and are included in the revised Report, attached.

6. The required pressure/vacuum readings are recorded on the SVE monitoring form. The pressure/vacuum readings for September 5, 2003 (06:00 and 18:00), and September 6, 2003 (06:00) have been copied on the AS monitoring forms and are included in the revised Report, attached. Future monitoring events will include this data on both forms.

7. Total VOC concentrations obtained from PID field readings at each vapor monitoring probe were recorded on the SVE monitoring form. That data has been copied to the appropriate AS monitoring forms that are included in the revised Report, attached. Future AS monitoring forms will include this data. (Note: comments on copies of the AS monitoring form indicate your intent of "lab results" to be included in this section of the monitoring form. This is incorrect, as VOC field data is collected with a PID during the monitoring event. Laboratory analytical results are provided in the summary tables and laboratory analytical results included in the Report.)

Item 2: Total Run Time for the Air Sparging Blower

The hour meter reading of 131.9 hours does not reflect the entire day. Cumulative run time hours have been calculated based on whole days (to midnight of each day) and based on precise down-time data, when applicable. Our worksheet (copy attached), has been updated to reflect an "official" AS system start date and time of September 2, 2003 at 12:45 hours.

In addition, the monitoring form has been updated to include the exact time the blower hour meter reading is collected to provide data to support/coincide with our calculations. The tables within the revised Report have been updated to reflect the official start of the AS system identified above.

Item 3: Air Sparging System Down-Time

The system down-time form for September 2, 2003 has been included in the revised Report, attached.

Item 4: Daily and Cumulative Flow of the Air Sparge Wells

4. The daily air flow injected into the aquifer by each air sparging well has been added to the table, and calculations are updated to reflect the official start date identified above.

5. (Listed as "3" in comment letter, which is the system down-time item.) The cumulative flow of the air sparge wells ("5") of the revised Report has been updated to reflect the official start date identified above.

Item 5: Daily and Cumulative Run time of the Air Sparge Wells

Cumulative air sparge well run time hours have been calculated based on whole days (to midnight of each day) and based on precise AS system down-time data, when applicable. Our worksheet (copy attached), has been updated to reflect an "official" AS system start date and time of September 2, 2003 at 12:45 hours.

In addition, the monitoring form has been updated to include the exact time the blower hour meter reading is collected to provide data to support/coincide with blower and sparge well run time calculations. The tables within the revised Report, attached, have been updated to reflect the official start of the AS system identified above.

Item 6: Groundwater Sample Results

Groundwater analytical results are provided in Table 2 and have been included in the revised Report, attached.

If you have questions regarding this report, please do not hesitate to call our office at (315) 476-4410 or (800) 262-1012.

Very truly yours,

ENVIRONMENTAL PRODUCTS & SERVICES, INC.

R. Dale Braue CEM, RHSP (Ext. 150)
Director of Geoscience Services.

RDB/ms
3118.K0122

Enclosures: Internal Worksheet/Table of Calculations
Air Sparging Performance Test Report – Revised

Internal Worksheet for NYSDEC/Franklin Cleaners
report item 2 and 4 for AS REPORT (air flow injected into the aquifer at air sparge injection points)
ROWS ARE *HIDDEN* WHEN PAGE GETS TOO LONG AND INFO NO LONGER NEEDED.
scfm x 60 min x # run time hours that day
Official start of AS system: 12:45 hours on 9/2/03 (per D&B)

ACFM = scfm [14.7/(14.7+ psig)] [(460 + deg.F)/520]

2003		AS blower daily run hours	cumulative **RUN TIME** hours	blower down time hours	cumulative **DOWN TIME** hours	AS-1						
						SCFM	**daily cf**	**cumulative cf**	time	psig	temp (F)	**ACFM**
	31-Aug	0	baseline and background data collected					-				
AS Perf. Test	1-Sep	0	0.0					-				
	2-Sep	5.75	5.75	18.25	18.25	10	3,450	3,450	12:45	1.25	72	9.43
	2-Sep					10			14:45	2	74	9.04
	3-Sep	16	21.75	8.00	26.25	12	11,520	14,970	18:00	?	80	#VALUE!
	3-Sep					10			8:00	2	72	9.01
	4-Sep					10			6:00	1.5	72	9.28
	4-Sep	24	45.75	0.00	26.25	9.5	13,680	28,650	18:00	1.5	77	8.90
	5-Sep					10			6:00	1.75	74	9.18
	5-Sep	24	69.75	0.00	26.25	10	14,400	43,050	18:00	1.6	79	9.35
	6-Sep					10			6:00	1.75	75	9.19
	6-Sep	24	93.75	0.00	26.25	10	14,400	57,450	18:00	1.75	80	9.28
	7-Sep					10			6:00	1.75	77	9.23
	7-Sep	24	117.75	0.00	26.25	9.8	14,112	71,562	18:00	1.75	80	9.09
	8-Sep	24	**141.75**	0.00	**26.25**	9.8	14,112	**85,674**	6:00	1.75	77	9.04

Internal Worksheet for Franklin Cleaners

report item 2 and 4 for AS REPORT (air flow injected into the aquifer at air sparge injection points)

ROWS ARE *HIDDEN* WHEN PAGE GETS TOO LONG AND INFO NO LONGER NEEDED.

scfm x 60 min x # run time hours *that* day

Official start of AS system 9/2/03 at 12:45 hours (per D&B)

2003						AS-3						
	day	blower run time hours	cumulative **RUN TIME** hours	blower down time hours	cumulative **DOWN TIME** hours	**SCFM**	**daily cf**	**cumulative cf**	time	psig	temp (F)	**ACFM**
	31-Aug	0	baseline and background data collected.					-				
AS Perf. Test	1-Sep	0	0.0					-				
	2-Sep	5.75	5.75	18.25	18.25	10	3,450	3,450	12:45	1.5	82	9.46
	2-Sep					10			14:45	1.5	?	#VALUE!
	3-Sep					10			8:00	1.6	38	8.64
	3-Sep	16	21.8	8.00	8.0	8	7,680	11,130	18:00	1.6	83	7.53
	4-Sep					10			6:00	2	40	8.46
	4-Sep	24	45.8	0.00	8.0	9.9	14,256	25,386	18:00	1.75	40	8.51
	5-Sep					7			6:00	1.6	42	6.09
	5-Sep	24	69.8	0.00	8.0	7	10,080	35,466	18:00	1.5	40	6.11
	6-Sep					4			6:00	1.6	42	3.48
	6-Sep	24	93.8	0.00	8.0	10	14,400	49,866	18:00	1.5	42	8.76
	7-Sep					6			6:00	1.5	40	5.24
	7-Sep	24	117.8	0.00	8.0	6.8	9,792	59,658	18:00	1.5	42	5.96
	8-Sep	24	**141.75**	0.00	**8.0**	6.9	9,936	**69,594**	6:00	1.5	42	6.04

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Date: 8-18-03 (Pre-Ats Sampling) **Ambient Temperature:** 85° F

Time: see below **Barometric Pressure:** _____

System Phase / Operating Period (circle one):

Technician: Dale Brawe ~~(1) Performance Test~~ (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature ~~(°F)~~ (°C)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
~~Volume 1~~						
~~Volume 2~~						
~~Volume 3~~						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						20.08
1600 ~~Volume 1~~	15	5.9	0.16	>990	7.7	
1610 ~~Volume 2~~	14	5.7	0.18	>990	7.8	
1623 ~~Volume 3~~	14	5.8	0.19	>990	7.7	
Sample						
FC-2						20.31
1420 ~~Volume 1~~	18	5.8	0.66	>990	7.1	
1440 ~~Volume 2~~	17	6.0	0.55	>990	6.2	
1502 ~~Volume 3~~	16	6.1	0.52	>990	6.5	
Sample						

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**					n/a
Air Sparging Well 2 **(AS-2)**					n/a
Air Sparging Well 3 **(AS-3)**					n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a		n/a	n/a	
No. 2 **(SVM-2)**	n/a		n/a	n/a	
No. 3 **(SVM-3)**	n/a		n/a	n/a	
No. 4 **(SVM-4)**	n/a		n/a	n/a	

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Date: 8/20/23 Pre-AS Sampling **Ambient Temperature:** 85° F

Time: see below **Barometric Pressure:** _____

System Phase / Operating Period (circle one):

Technician: BJohn Pecori (1) ~~Performance Test~~ (2) ~~Initial~~ (3) ~~Routine~~

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature ~~(°F)~~ (°C)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						11.43
1318 ~~Volume 1~~	19	6.2	0.30	>990	7.6	
1332 ~~Volume 2~~	18	6.4	0.30	>990	7.3	
1349 ~~Volume 3~~	18	6.5	0.29	>900	7.3	
Sample						
ASM-2						20.88
0951 ~~Volume 1~~	17	4.6	0.24	>640	7.2	
1015 ~~Volume 2~~	16	5.9	0.23	>990	8.1	
1044 ~~Volume 3~~	17	5.8	0.22	>990	6.5	
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading:

_____ Current Reading (Cumulative) _____ 24-hour Period

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**					n/a
Air Sparging Well 2 **(AS-2)**					n/a
Air Sparging Well 3 **(AS-3)**					n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a		n/a	n/a	
No. 2 **(SVM-2)**	n/a		n/a	n/a	
No. 3 **(SVM-3)**	n/a		n/a	n/a	
No. 4 **(SVM-4)**	n/a		n/a	n/a	

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Base line Data

Day 1 (AS)
Day 9 (SVE)

Date: 9/2/03 **Ambient Temperature:** 61.2 (1245)

Time: 1100/1245 **Barometric Pressure:** 30.07 (1245)

Technician: John Record/Duke B. *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						22.11
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						11.68
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Official AS Start is 9/2/03 @ 12:45

Hour Meter Reading:

Current Reading (Cumulative) _____ 24-hour Period _____

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.) (psig) (1100 / 1245)	Flow Rate (ACFM)	Flow Rate (SCFM) (1100 / 1245)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	72	0/1.25	9.43	0/10	n/a
Air Sparging Well 2 (AS-2)	84	0/1.50	9.49	0/10	n/a
Air Sparging Well 3 (AS-3)	82	0/1.50	9.46	0/10	n/a
Vapor Monitoring Probes:		(1100 / 1245)			
No. 1 (SVM-1)	n/a	0.80	n/a	n/a	0
No. 2 (SVM-2)	n/a	0.30	n/a	n/a	0
No. 3 (SVM-3)	n/a	0.21	n/a	n/a	0
No. 4 (SVM-4)	n/a	0.01	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Date: 9/2/03 **Ambient Temperature:** 62.9

Time: 1445 **Barometric Pressure:** 30.08

Technician: John Recori

System Phase / Operating Period (circle one):

(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						22.11
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						11.67
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 7.4 (Current Reading (Cumulative)) NA (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	74*	2/55.46	9.04	10	n/a
Air Sparging Well 2 (AS-2)	82	1.5/41.60	9.46	10	n/a
Air Sparging Well 3 (AS-3)	*	1.5/41.60	n/a	10	n/a
Vapor Monitoring Probes:					
No. 1 (SVM-1)	n/a	.75/20.80	n/a	n/a	0
No. 2 (SVM-2)	n/a	.14/3.88	n/a	n/a	0
No. 3 (SVM-3)	n/a	Pos.	n/a	n/a	0
No. 4 (SVM-4)	n/a	Pos.	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

 * temp gauge broken

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, ~~Monitoring~~ and Reporting Form

(Day 20 AS)

Date: (9/3/03) Day 11 of SVE **Ambient Temperature:** 62.4

Time: (0800) system back on line Collected data @ 1000 **Barometric Pressure:** 30.09

System Phase / Operating Period (circle one):

Technician: John Pocoli (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						~~[illegible]~~ 22.11
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						~~[illegible]~~ 11.68
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 16.3 (Current Reading (Cumulative)) 8.9 ~~[illegible]~~ (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	psig Pressure/ Vacuum psi (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	72	2/55.46	10.81	10	n/a
Air Sparging Well 2 (AS-2)	80	1.6/44.37	9.37	10	n/a
Air Sparging Well 3 (AS-3)	38	1.6/44.37	7.53	10	n/a
Vapor Monitoring Probes:					
No. 1 (SVM-1)	n/a	0.6/~~16.63~~	n/a	n/a	0.0
No. 2 (SVM-2)	n/a	.55/~~[illegible]~~	n/a	n/a	0.0
No. 3 (SVM-3)	n/a	.19/~~5.27~~	n/a	n/a	0.0
No. 4 (SVM-4)	n/a	.095/~~2.63~~	n/a	n/a	0.0

Completed form to be included in each Air Sparging Monitoring Report.

SVE-1 3.8 PID 5.2

SVE-2 6.8 PID 71.4

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 2-AS

Date: 9/03/03 Day 11 SVE **Ambient Temperature:** 65.3

Time: 1800 **Barometric Pressure:** 30.00

System Phase / Operating Period (circle one):

Technician: SP/DB (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 23.0 (Current Reading (Cumulative)) 6.7 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	80°	~~0~~	—	12	n/a
Air Sparging Well 2 (AS-2)	~~80~~	1.5/41.60	9.44	10	n/a
Air Sparging Well 3 (AS-3)	~~80~~ 39	~~0~~ 1.5/41.60	7.53	8	n/a
Vapor Monitoring Probes:					
No. 1 (SVM-1)	n/a	.98	n/a	n/a	0
No. 2 (SVM-2)	n/a	.55	n/a	n/a	0
No. 3 (SVM-3)	n/a	.35	n/a	n/a	0
No. 4 (SVM-4)	n/a	.01	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Date: 9/4/03 Day 3 AS Day 12 SVE **Ambient Temperature:** 70.1

Time: 0600 **Barometric Pressure:** 29.79

Technician: John Pecori *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 35.8 (Current Reading (Cumulative)) 12.8 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**	72	1.5/41.60	9.28	10	n/a
Air Sparging Well 2 **(AS-2)**	84	1.5/41.60	9.49	10	n/a
Air Sparging Well 3 **(AS-3)**	40	2/55.464	8.46	10	n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a	.7	n/a	n/a	6.2
No. 2 **(SVM-2)**	n/a	.75	n/a	n/a	0
No. 3 **(SVM-3)**	n/a	.225	n/a	n/a	0
No. 4 **(SVM-4)**	n/a	.02	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Date: 9/4/03 Day 3 AS Day 12 SVE **Ambient Temperature:** 72.8

Time: 1800 **Barometric Pressure:** 29.76

System Phase / Operating Period (circle one):

Technician: John Recori (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 47.5 (Current Reading (Cumulative)) 11.7 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	77	1.6/44.37	8.90	9.5	n/a
Air Sparging Well 2 (AS-2)	85	1.5/41.60	9.32	9.8	n/a
Air Sparging Well 3 (AS-3)	40	1.75/48.53	8.51	9.9	n/a
Vapor Monitoring Probes:					
No. 1 (SVM-1)	n/a	.8	n/a	n/a	4.2
No. 2 (SVM-2)	n/a	.45	n/a	n/a	0.0
No. 3 (SVM-3)	n/a	.20	n/a	n/a	0.0
No. 4 (SVM-4)	n/a	.03	n/a	n/a	0.0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 4-AS

Date: 9/5/03 (Day 13 SVE) **Ambient Temperature:** 63.5

Time: 0600 **Barometric Pressure:** 29.85

System Phase / Operating Period (circle one):

Technician: John Pecori (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 60 (Current Reading (Cumulative)) 12.5 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**	74	1.75/46.53	9.18	10	n/a
Air Sparging Well 2 **(AS-2)**	82	1.5/41.59	9.46	10	n/a
Air Sparging Well 3 **(AS-3)**	42	1.6/27.73	6.09	7	n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a	0.4	n/a	n/a	0
No. 2 **(SVM-2)**	n/a	0.80	n/a	n/a	0
No. 3 **(SVM-3)**	n/a	0.45	n/a	n/a	0
No. 4 **(SVM-4)**	n/a	0.22	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 4-AS

Date: 9/5/03 Day 13 SVE **Ambient Temperature:** 73.4

Time: 1800 **Barometric Pressure:** 29.91

Technician: J. P.

System Phase / Operating Period (circle one):

(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: ~~6000~~ 71.7 (Current Reading (Cumulative)) 11.7 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	79	1.6/27.73	9.35	10	n/a
Air Sparging Well 2 (AS-2)	82	1.4/38.82	9.33	9.8	n/a
Air Sparging Well 3 (AS-3)	40	1.5/41.59	6.11	7	n/a
Vapor Monitoring Probes:					
No. 1 (SVM-1)	n/a	0.70	n/a	n/a	0
No. 2 (SVM-2)	n/a	0.65	n/a	n/a	0
No. 3 (SVM-3)	n/a	0.30	n/a	n/a	0
No. 4 (SVM-4)	n/a	0.11	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 4- AS

Date: 9/6/03 (Day 1 4-SVE) **Ambient Temperature:** 58.6

Time: 0600 **Barometric Pressure:** 30.03

Technician: JR

System Phase / Operating Period (circle one):

(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 83.7 (Current Reading (Cumulative)) R (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**	75	1.75/48.53	9.19	10	n/a
Air Sparging Well 2 **(AS-2)**	83	1.5/41.59	9.49	10	n/a
Air Sparging Well 3 **(AS-3)**	42	1.6/27.73	3.48	4	n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a	0.6	n/a	n/a	0
No. 2 **(SVM-2)**	n/a	0.6	n/a	n/a	0
No. 3 **(SVM-3)**	n/a	0.45	n/a	n/a	0
No. 4 **(SVM-4)**	n/a	0.135	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Date: 9/6/14 (Day 4-AS / Day 14-SVE) **Ambient Temperature:** 74.8

Time: 1800 **Barometric Pressure:** 29.99

Technician: S.P. *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 96.2 / 88.8 (Current Reading (Cumulative)) 12.5 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**	80	1.75/48.53	9.28	10	n/a
Air Sparging Well 2 **(AS-2)**	85	1.5/41.59	5.71	6	n/a
Air Sparging Well 3 **(AS-3)**	42	1.5/41.59	8.76	10	n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a	.5	n/a	n/a	0
No. 2 **(SVM-2)**	n/a	.8	n/a	n/a	0
No. 3 **(SVM-3)**	n/a	.5	n/a	n/a	0
No. 4 **(SVM-4)**	n/a	.2	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 5-AS

Date: 9/7/03 (Day 1-SVE) **Ambient Temperature:** 59.3

Time: 0600 **Barometric Pressure:** 29.99

Technician: J.P.

System Phase / Operating Period (circle one):

(1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 108.0 / (Current Reading (Cumulative)) 11.8 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**	77	1.5/48.53	9.23	10	n/a
Air Sparging Well 2 **(AS-2)**	83	1.5/41.59	9.48	10	n/a
Air Sparging Well 3 **(AS-3)**	40	1.5/41.59	5.24	6	n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a	0.5	n/a	n/a	0
No. 2 **(SVM-2)**	n/a	0.6	n/a	n/a	0
No. 3 **(SVM-3)**	n/a	0.6	n/a	n/a	0
No. 4 **(SVM-4)**	n/a	0.2	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 5-AS

Date: 9/7/03 (Day 15-SVE) **Ambient Temperature:** 77.0

Time: 1800 **Barometric Pressure:** 29.94

Technician: JP *System Phase / Operating Period (circle one):* (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 119.1 (Current Reading (Cumulative)) 11.1 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 **(AS-1)**	80	1.75/48.53	9.09	9.8	n/a
Air Sparging Well 2 **(AS-2)**	84	1.5/41.59	9.02	9.5	n/a
Air Sparging Well 3 **(AS-3)**	42	1.5/41.59	5.96	6.8	n/a
Vapor Monitoring Probes:					
No. 1 **(SVM-1)**	n/a	0.50	n/a	n/a	0
No. 2 **(SVM-2)**	n/a	0.60	n/a	n/a	0
No. 3 **(SVM-3)**	n/a	0.30	n/a	n/a	0
No. 4 **(SVM-4)**	n/a	0.25	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

NYSDEC - Franklin Cleaners

Air Sparging System

Sampling, Monitoring and Reporting Form

Day 7 - AS

Date: 9/8/03 Day 16 SVE **Ambient Temperature:** 63.1

Time: 0600 **Barometric Pressure:** 29.98

System Phase / Operating Period (circle one):

Technician: JP (1) Performance Test (2) Initial (3) Routine

(See instruction sheet for data frequency of each parameter!)

Monitoring/ Sampling Point	Temperature (°F)	pH	Conductivity (umhos/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	Depth to Water Table (feet below grade)
ASM-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
ASM-2						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-1						
Volume 1						
Volume 2						
Volume 3						
Sample						
FC-2						
Volume 1						
Volume 2						
Volume 3						
Sample						

Hour Meter Reading: 131.9 (Current Reading (Cumulative)) 12.8 (24-hour Period)

Monitoring/ Sampling Point	Temperature (°F)	Pressure/ Vacuum (in W.C.)	Flow Rate (ACFM)	Flow Rate (SCFM)	Total VOCs (ppm)
Air Sparging Well 1 (AS-1)	77	1.75/48.53	9.04	9.8	n/a
Air Sparging Well 2 (AS-2)	84	1.4/38.82	9.07	9.5	n/a
Air Sparging Well 3 (AS-3)	42	1.5/41.59	6.04	6.9	n/a
Vapor Monitoring Probes:					
No. 1 (SVM-1)	n/a	.59	n/a	n/a	0
No. 2 (SVM-2)	n/a	.70	n/a	n/a	0
No. 3 (SVM-3)	n/a	.50	n/a	n/a	0
No. 4 (SVM-4)	n/a	.20	n/a	n/a	0

Completed form to be included in each Air Sparging Monitoring Report.

SPLIT SAMPLING RESULTS

1851

Dvirka and Bartilucci
CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 ▪ 718-460-3634 ▪ Fax: 516-364-9045
e-mail: db-eng@worldnet.att.net

September 18, 2003

Jeffery E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Franklin Cleaners Site
NYSDEC Contract No. D004184
Site No. 1-30-050
D&B No. 1851

Dear Mr. Trad:

Enclosed please find a table summarizing the analytical results for soil vapor samples collected by Environmental Products and Services, Inc. during the morning of September 4, 2003, as part of the Soil Vapor Extraction System Performance Test at the above-referenced site. The table also provides analytical results for the split samples collected by this office. A schematic (Figure 1) showing the sample locations has also been enclosed for your reference.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,

Frank DeVita

Frank DeVita
Project Manager

FD(t)/ld
Enclosures
cc: J. Yavonditte, NYSDEC
T. Maher, D&B
M. Wright, D&B
S. Tauss, D&B
D. Braue, EPS
J. Pecori, EPS
♦1851\FD03(B)LTR-23.DOC(R01)

TABLE 1
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004184 / SITE No. 1-30-050
SOIL VAPOR EXTRACTION (SVE) PERFORMANCE TEST AIR SAMPLE RESULTS

SAMPLE ID	SVE-1 (AM)				SVE-2 (AM)				SVM-1 (AM)				SVM-2 (AM)			
SAMPLE TYPE	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
DATE OF COLLECTION	09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003	
COLLECTED BY	EP&S		D&B		EP&S		D&B		EP&S		D&B		EP&S		D&B	
UNITS	(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)	
VOCs																
1,1,1-trichloroethane		U	0.0260	A		U		U		U	0.0330	A		U	0.0007	J
1,1,2,2-tetrachloroethane		U		U		U		U		U		U		U		U
1,1,2-trichloroethane		U		U		U		U		U		U		U		U
1,1-dichloroethane		U	0.0024			U		U		U	0.0017			U		U
1,1-dichloroethene		U	0.0053			U	0.0032			U		U		U		U
1,2-dichlorobenzene		U		U		U		U		U		U		U		U
1,2-dichloroethane		U		U		U		U		U		U		U		U
1,2-dichloropropane		U		U		U		U		U		U		U		U
1,3-dichlorobenzene		U		U		U		U		U		U		U		U
1,4-dichlorobenzene		U		U		U	0.0018			U		U		U		U
acetone		U	0.0018			U	0.0026			U	0.0024			U	0.0033	
benzene		U	0.0003	JB		U	0.0006	JB		U	0.0006	JB		U	0.0004	JB
bromodichloromethane		U		U		U		U		U		U		U		U
bromoform		U		U		U		U		U		U		U		U
bromomethane		U	0.0190	B		U	0.0081	B		U	0.0120	B		U	0.0029	B
carbon disulfide	NM			U	NM			U	NM			U	NM			U
carbon tetrachloride		U		U		U		U		U		U		U	0.0004	J
chlorobenzene		U	0.0055			U	0.0021			U		U		U		U
chlorodibromomethane		U		U		U		U		U		U		U		U
chloroethane		U		U		U		U		U		U		U		U
chloroform		U	0.0013			U	0.0025			U	0.0013			U	0.0056	
chloromethane		U	0.0019			U	0.0048			U	0.0010			U	0.0012	
cis-1,2-dichloroethene	NM		0.0480	A	NM		0.0030		NM			U	NM			U
cis-1,3-dichloropropene		U		U		U		U		U		U		U		U
dibromochloromethane	NM			U	NM			U	NM			U	NM			U
ethylbenzene		U	0.0008	J		U	0.0004	J		U	0.0012			U	0.0006	J
methyl ethyl ketone (mek)		U		U		U		U		U	0.0026			U	0.0008	J
methylene chloride		U	0.0010			U	0.0013			U	0.0005	J		U	0.0021	
mtbe		U		U		U	0.0006	J		U	0.0012			U	0.0008	J
styrene	NM			U	NM			U	NM		0.0002	J	NM			U
tetrachloroethene		U	1.1000	A	1.38		5.0000	A		U	0.4200	A	1.79		0.9100	A
toluene		U	0.0010			U	0.0009	J		U	0.0022			U	0.0014	
trans-1,2-dichloroethene		U	0.0019			U		U		U		U		U		U
trans-1,3-dichloropropene		U		U		U		U		U		U		U		U
trichloroethene		U	0.0220	A		U	0.0220	A		U	0.0001	J		U	0.0005	J
trichlorofluoromethane		U	0.0013			U	0.0009	J		U	0.0009	J		U	0.0008	J
vinyl chloride		U		U		U		U		U		U		U		U
xylene, m+p		U	0.0040			U	0.0015			U	0.0054			U	0.0020	
xylene, o		U	0.0012			U	0.0005	J		U	0.0016			U	0.0008	J

NOTES:

U: Compound analyzed for but not detected
B: Concentration is between instrument detection limit and contract required detection limit
J: Estimated
A: Concentration exceeds calibration limit

NA: Not Available
NM: Not Monitored
ug/l = Microgram per liter

TABLE 1 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004184 / SITE No. 1-30-050
SOIL VAPOR EXTRACTION (SVE) PERFORMANCE TEST AIR SAMPLE RESULTS

SAMPLE ID	SVM-3(AM)				SVM-4 (AM)				CV-1 INLET (AM)				CV-1 OUTLET (AM)			
SAMPLE TYPE	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
DATE OF COLLECTION	09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003		09/04/2003	
COLLECTED BY	EP&S		D&B		EP&S		D&B		EP&S		D&B		EP&S		D&B	
UNITS	(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)		(ug/L)	
VOCs																
1,1,1-trichloroethane		U	0.0001	J		U		U		U	NM			U	0.0970	A
1,1,2,2-tetrachloroethane		U		U		U		U		U	NM			U		U
1,1,2-trichloroethane		U		U		U		U		U	NM			U		U
1,1-dichloroethane		U		U		U		U		U	NM			U	0.0031	
1,1-dichloroethene		U		U		U		U		U	NM			U	0.0110	
1,2-dichlorobenzene		U		U		U		U		U	NM			U		U
1,2-dichloroethane		U		U		U		U		U	NM			U		U
1,2-dichloropropane		U		U		U		U		U	NM			U		U
1,3-dichlorobenzene		U		U		U		U		U	NM			U		U
1,4-dichlorobenzene		U		U		U		U		U	NM			U		U
acetone		U	0.0042			U	0.0120			U	NM			U	0.0150	
benzene		U	0.0005	JB		U	0.0004	JB		U	NM			U	0.0015	B
bromodichloromethane		U		U		U		U		U	NM			U		U
bromoform		U		U		U		U		U	NM			U		U
bromomethane		U	0.0027	B		U	0.0022	B		U	NM			U	0.0110	B
carbon disulfide	NM			U	NM			U	NM		NM		NM		0.0006	J
carbon tetrachloride		U		U		U		U		U	NM			U		U
chlorobenzene		U		U		U		U		U	NM			U		U
chlorodibromomethane		U		U		U		U		U	NM			U		U
chloroethane		U		U		U		U		U	NM			U		U
chloroform		U		U		U	0.0026			U	NM			U	0.0340	A
chloromethane		U	0.0015			U	0.0011			U	NM			U	0.0081	
cis-1,2-dichloroethene	NM			U	NM		0.0010		NM		NM		NM		0.2100	A
cis-1,3-dichloropropene		U		U		U		U		U	NM			U		U
dibromochloromethane	NM			U	NM			U	NM		NM		NM			U
ethylbenzene		U	0.0005	J		U	0.0003	J		U	NM			U	0.0004	J
methyl ethyl ketone (mek)		U	0.0023		2.22	A	0.0950	A		U	NM			U		U
methylene chloride		U	0.0010			U	0.0020			U	NM			U	0.0025	
mtbe		U	0.0009	J		U	0.0012			U	NM			U	0.0040	
styrene	NM		0.0001	J	NM		0.0001	J	NM		NM		NM			U
tetrachloroethene	1.98		0.9000	A	1.65		0.8600	A	1.54		NM		1.67		5.5000	A
toluene		U	0.0015			U	0.0012			U	NM			U	0.0020	
trans-1,2-dichloroethene		U		U		U		U		U	NM			U	0.0044	
trans-1,3-dichloropropene		U		U		U		U		U	NM			U		U
trichloroethene		U	0.0007	J		U	0.0028			U	NM			U	0.4000	A
trichlorofluoromethane		U	0.0007	J		U	0.0023			U	NM			U	0.0030	
vinyl chloride		U		U		U		U		U	NM			U		U
xylene, m+p		U	0.0019			U	0.0011			U	NM			U	0.0020	
xylene, o		U	0.0007	J		U	0.0004	J		U	NM			U	0.0007	J

NOTES:

U: Compound analyzed for but not detected
B: Concentration is between instrument detection limit and contract required detection limit
J: Estimated
A: Concentration exceeds calibration limit

NA: Not Available
NM: Not Monitored
ug/l = Microgram per liter

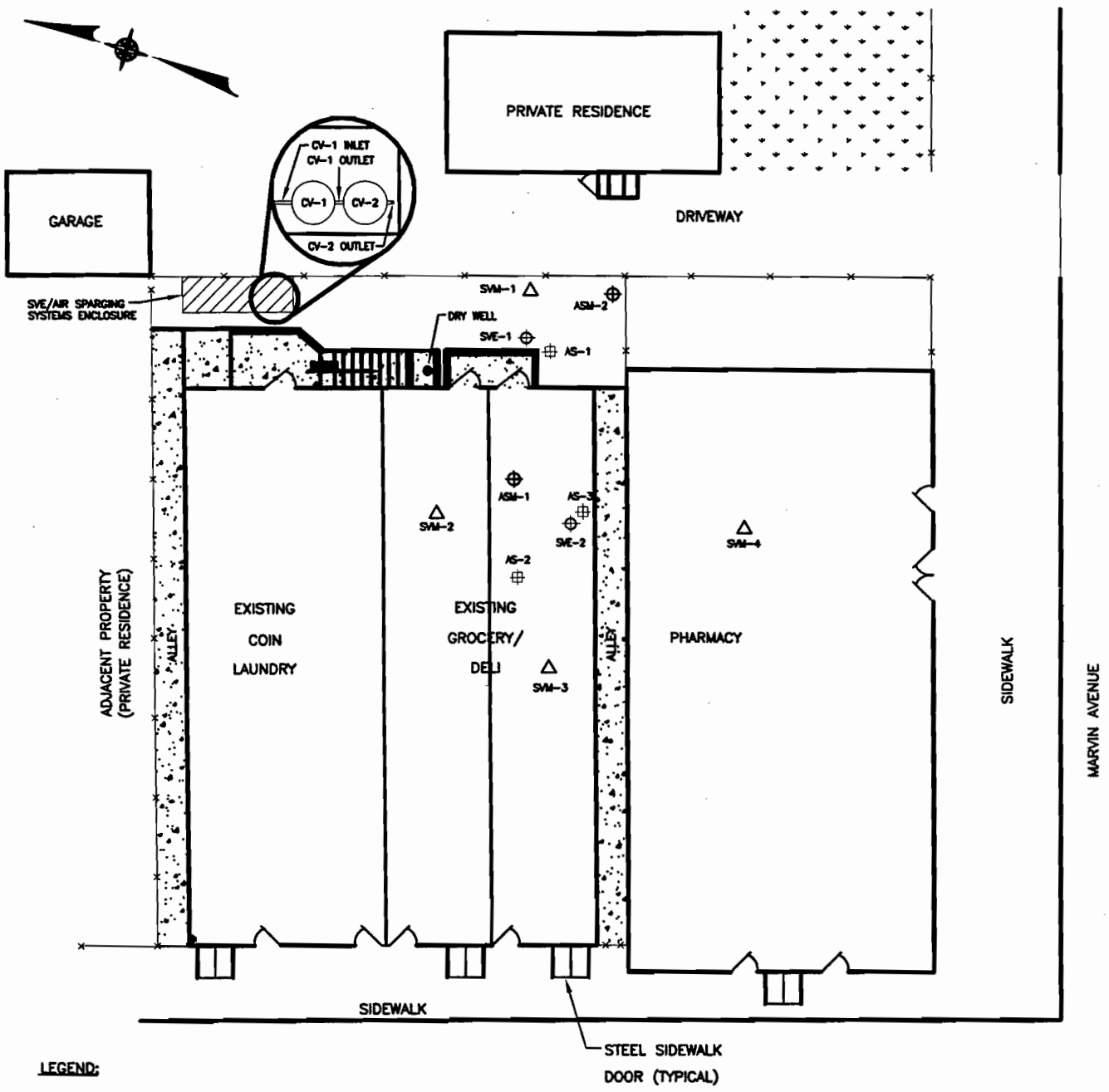
TABLE 1 (Continued)
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004184 / SITE No. 1-30-050
SOIL VAPOR EXTRACTION (SVE) PERFORMANCE TEST AIR SAMPLE RESULTS

SAMPLE ID	CV-2 OUTLET (AM)							
SAMPLE TYPE	AIR	AIR						
DATE OF COLLECTION	09/04/2003	09/04/2003						
COLLECTED BY	EP&S	D&B						
UNITS	(ug/L)	(ug/L)						
VOCs								
1,1,1-trichloroethane	U	NM						
1,1,2,2-tetrachloroethane	U	NM						
1,1,2-trichloroethane	U	NM						
1,1-dichloroethane	U	NM						
1,1-dichloroethene	U	NM						
1,2-dichlorobenzene	U	NM						
1,2-dichloroethane	U	NM						
1,2-dichloropropane	U	NM						
1,3-dichlorobenzene	U	NM						
1,4-dichlorobenzene	U	NM						
acetone	U	NM						
benzene	U	NM						
bromodichloromethane	U	NM						
bromoform	U	NM						
bromomethane	U	NM						
carbon disulfide	NM	NM						
carbon tetrachloride	U	NM						
chlorobenzene	U	NM						
chlorodibromomethane	U	NM						
chloroethane	U	NM						
chloroform	U	NM						
chloromethane	U	NM						
cis-1,2-dichloroethene	NM	NM						
cis-1,3-dichloropropene	U	NM						
dibromochloromethane	NM	NM						
ethylbenzene	U	NM						
methyl ethyl ketone (mek)	U	NM						
methylene chloride	U	NM						
mtbe	U	NM						
styrene	NM	NM						
tetrachloroethene	1.42	NM						
toluene	U	NM						
trans-1,2-dichloroethene	U	NM						
trans-1,3-dichloropropene	U	NM						
trichloroethene	U	NM						
trichlorofluoromethane	U	NM						
vinyl chloride	U	NM						
xylene, m+p	U	NM						
xylene, o	U	NM						

NOTES:

U: Compound analyzed for but not detected
B: Concentration is between instrument detection limit and contract required detection limit
J: Estimated
A: Concentration exceeds calibration limit

NA: Not Available
NM: Not Monitored
ug/l = Microgram per liter



LEGEND:

- EXISTING FENCING
- EXISTING CONCRETE
- SVM-1 — VAPOR MONITORING PROBE
- ASM-1 — GROUNDWATER MONITORING WELL
- SVE-1 — SOIL VAPOR EXTRACTION WELL
- AS-1 — AIR SPARGE WELL

*NOTE: LOCATIONS OF ALL WELLS AND PROBES ARE APPROXIMATE.

20 0 20

SCALE IN FEET

FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

WELL/PROBE LOCATION MAP

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F COSULICH ASSOCIATES, P.C.

FIGURE No. 1

\\Nt4\CADwork\11851\SVE System As-Built\1851_Sample_Location_Map.dwg, 09/17/03 12:03:49 PM, SMasarik

Appendix G

APPENDIX G

OPERATION, MAINTENANCE AND MONITORING REPORTS

File Copy
1851

Dvirka and Bartilucci
CONSULTING ENGINEERS

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August 25, 2004

Jeffrey E. Trad, P.E.
Bureau of Construction Services
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)
NYSDEC Contract No. D004184
Combined Quarterly Report – 1st and 2nd Quarter
Reporting Period - September 9, 2003 through March 31, 2004
D&B No. 1851-05

Dear Mr. Trad:

The purpose of this letter is to summarize the results of progress monitoring and the progress of remediation at the Franklin Cleaners Site (see Figure 1), for the period of September 9, 2003 through March 31, 2004. The information contained within this report is a compilation of the progress monitoring reports submitted by Environmental Products and Services (EP&S), the remedial construction and operation and maintenance contractor, as well as split sampling performed by Dvirka and Bartilucci Consulting Engineers (D&B) as per the requirements of the approved Remedial Construction Inspection Work Plan Amendment, dated October 2003.

Soil Vapor Extraction System Operation

According to EP&S reports, soil vapor extraction wells SVE-1 and SVE-2 operated at average extraction rates of 33.6 standard cubic feet per minute (scfm) and 79.4 scfm, respectively during the period. Vacuum at the well heads averaged 3.8 inches of water gauge (in. w.c.) and 8.0 in. w.c. for SVE-1 and SVE-2, respectively. Approximately 28,000,000 cubic feet of soil vapor has been extracted, treated and discharged to the atmosphere since system startup. Vacuum at each of the four vapor monitoring probes averaged 0.7 in. w.c., 0.7 in. w.c., 0.5 in. w.c. and 0.3 in. w.c. for SVM-1, SVM-2, SVM-3 and SVM-4, respectively.

During the period, the soil vapor extraction system was inoperative for approximately 711 hours due to routine maintenance activities and system alarm conditions. A detailed description of system alarm conditions is presented in the downtime forms prepared by EP&S (see Attachment A).

Air Sparging System Operation

According to EP&S reports, air sparging wells AS-1, AS-2 and AS-3 operated at average air injection rates of 8.8 scfm, 8.8 scfm and 5.4 scfm, respectively, during the period. Air injection pressures at the well heads averaged 1.1 pounds per square inch (psi), 0.9 psi and 1.3 psi for AS-1, AS-2 and AS-3, respectively. The air sparging system was inoperative for approximately 1,219 hours due to routine maintenance activities and system alarm conditions. A detailed description of system alarm conditions is presented in the downtime forms (see Attachment A).

Soil Vapor Extraction System Sampling

Vapor phase samples were collected by EP&S from each of the two soil vapor extraction wells, at each of the four soil vapor monitoring probes and at the inlet and outlet of each carbon adsorption vessel at a frequency of once per week during the six week initial operating period and twice per month during the routine operating period. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-1. Split samples were collected by D&B at each of the two soil vapor extraction wells, at each of the four vapor monitoring probes and at the outlet of the carbon adsorption vessel CV-1 on October 2, 2003. The split samples were analyzed for VOCs by USEPA Method TO-17.

Sample results are shown in Tables 1 and 2. As can be seen from the tables, concentrations of tetrachloroethene (PCE) detected within soil vapor extraction wells SVE-1 and SVE-2 have decreased from 2.0 micrograms per liter (ug/l) and 1.9 ug/l, respectively, on September 18, 2003 to < 0.5 ug/l within each well on March 24, 2004. During the period, trace amounts of other VOCs, including trichloroethene, 1,1,1-trichloroethane, carbon tetrachloride and methylene chloride, were also detected in extraction wells SVE-1 and SVE-2.

During the period, the rate of extraction of PCE by SVE-1 decreased from approximately 0.005 pounds per hour (lbs/hr) to < 0.002 lbs/hr. The rate of extraction of PCE by SVE-2 decreased from approximately 0.01 pounds per hour (lbs/hr) to < 0.004 lbs/hr. Refer to the attached trendline graph (Graph 1) showing PCE removal rates at SVE-1 and SVE-2 during the period. An estimated total of 0.4 pounds and 1.2 pounds of PCE were extracted by SVE-1 and SVE-2,

respectively, this period. The estimated maximum emission rate of PCE at the discharge stack of the soil vapor extraction system was 0.0012 lb/hr during the period. The estimated maximum emission rate of Total VOCs at the discharge stack of the of the soil vapor extraction system was 0.00269 lb/hr during the period.

Groundwater Quality Data

Samples were collected by EP&S from groundwater monitoring wells ASM-1 and ASM-2 at a frequency of once every two weeks during the 6-week initial operating period and once per month during the routine operating period. Each sample was analyzed for VOCs by USEPA Method 8260, as well as iron and manganese by USEPA Method 200.7. The locations of the wells are shown on Figure 2.

Analytical results for the monitoring well samples are shown in Table 3. As can be seen on the table, concentrations of PCE detected within wells ASM-1 and ASM-2 have declined from 58 ug/l and 68 ug/l, as reported for the August 21, 2003 baseline sampling event, to 1.0 ug/l and 1.1 ug/l, respectively, on March 25, 2004. Refer to the attached trend line graphs (Graphs 2 and 3), which present PCE concentrations detected in samples collected from ASM-1 and ASM-2.

Concentrations of manganese detected in groundwater samples collected from ASM-1 and ASM-2 have remained fairly stable since system start-up. However, iron concentrations in wells ASM-1 and ASM-2 have fluctuated during the period. The maximum concentration of iron detected within well ASM-1 was 1,370 ug/l on September 24, 2003, but has recently decreased to 342 ug/l. Similarly, the maximum concentration of iron detected within well ASM-2 was 2,170 ug/l on December 23, 2003, and decreased to 115 ug/l March 2004.

Conclusions

Based on the data presented above, the following can be concluded:

- Vapor phase sample results show that mass removal rates for extraction wells SVE-1 and SVE-2 have decreased to non-detectable levels, while based on vacuum measurements in the vapor monitoring probes, influence is being exerted on the targeted area.

- Groundwater sample results show that concentrations of PCE within wells ASM-1 and ASM-2 have declined below the NYSDEC Class GA Groundwater Standard since startup of the air sparging system.

Recommendations

- Operation of the SVE system should be continued to minimize the potential for impacts associated with continued operation of the air sparge system.

- In consideration of the sustained decline of PCE concentrations within groundwater, consideration should be given to "cycling" the air sparging wells and monitoring for a "bounce back" of elevated PCE concentrations.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,

Frank DeVita
Project Manager

FDt/cmc,ld
Enclosure
cc: D. Glass, D&B
J. Neri, H2M
♦1851\FD06154JET.DOC(R05)

FIGURES

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F COSULICH ASSOCIATES, P.C.

SITE LOCATION MAP

FIGURE 1

F:\18511\On Site - Quarterly reports\2nd Quarter\FIGURE 1-1 SITE LOCATION MAP.dwg, 05/21/04 04:42:44 PM, FDeVita

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	20.0	6.94	13.1	9.06	5.27	13.7
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.006	0.004
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.002	0.039E	0.018E	0.025E
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.050	0.048E	0.063E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	2.72	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.002	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	<0.0005
Chloromethane	.71	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	0.001
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	0.003
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.002	0.089E	0.004	0.004
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.020E	0.146	0.008	0.019E
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.006	0.001	0.001
Tetrachloroethene	1.20	<0.5	<0.5	n/a	0.105E	0.163E	0.329E	1.191E
Toluene	<0.5	<0.5	<0.5	n/a	0.0010	0.016E	0.005	0.008
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	0.001
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	0.001	0.001	0.001
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.003	0.002	0.010E
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	0.003

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.0010	<0.5						
Benzene	0.0005	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	0.0017	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	0.0030	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.1175E	<0.5						
Toluene	<0.0005	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	6.58
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	19.2	13.5	18.5	9.74	<5.00	15.6
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.001	0.040E	<0.0005	0.008
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.037E	0.013E	0.028E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.0005	0.001	0.001	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.0014	0.088E	<0.0005	0.001
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.002	0.122E	<0.0005	0.002
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.006	<0.0005	<0.0005
Tetrachloroethene	1.58	.963	<0.5	n/a	0.076E	0.232E	0.441E	0.392E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.017	0.001	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.002	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	0.001	0.001	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.003	<0.0005	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

NYSDEC Contract No. D004184

Franklin Cleaners, Hempstead, NY

Summary of Vapor Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/2506)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.010E	<0.5						
Benzene	0.006	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	<0.0005	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	0.009	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.040E	<0.5						
Toluene	<0.0005	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	16.2	13.4	19.9	11.7	23.2	52.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0015	0.001	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.004	0.0475E	<0.0005	0.003
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0342E	0.007	0.004
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0003	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	0.001
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.0011	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	0.0097	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.003	0.0161E	0.001	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.0050	<0.0005	<0.0005
Tetrachloroethene	1.05	1.09	.866	n/a	0.042E	0.2364E	0.425E	0.030E
Toluene	<0.5	<0.5	<0.5	n/a	0.0006	0.0163E	0.001	<0.0005
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0016	0.001	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0026	0.001	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0009	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	<0.0005	<0.5						
Benzene	<0.0005	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	<0.0005	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	<0.0005	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.0960E	<0.5						
Toluene	<0.0005	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	14.2
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	15.4	12.9	13.6	14.4	24.2	63.0
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	0.009	0.0016	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	0.0018	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.025E	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.165E	0.0027	<0.0005	0.005
Benzene	<0.5	<0.5	<0.5	n/a	0.092E	0.0133E	0.001	0.006
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	0.005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	0.009	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	0.026E	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.020E	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	0.362E	0.0190E	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.010E	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	0.0037	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.667E	0.0092	<0.0005	0.001
MTBE	<0.5	<0.5	<0.5	n/a	0.042E	0.0030	<0.0005	<0.0005
Tetrachloroethene	.809	1.17	.934	n/a	0.755E	0.0392E	0.204E	0.062E
Toluene	<0.5	<0.5	<0.5	n/a	0.058E	0.0065	<0.0005	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.033E	0.0006	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	0.028E	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.053E	0.0009	<0.0005	0.001
Xylene, o	<0.5	<0.5	<0.5	n/a	0.023E	<0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.006	<0.5						
Benzene	0.005	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	<0.0005	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	<0.0005	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.531E	0.51						
Toluene	<0.0005	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	09/18/2003	09/24/2003	10/02/2003	10/08/2003	10/15/2003	10/23/2003
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	34.1
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	19.4	12.0	18.4	<5.00	36.3	37.5
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	13.1
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	0.0024	0.0007	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.0006	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.029	0.0164E	0.001	<0.0005
Benzene	<0.5	<0.5	<0.5	n/a	0.058E	0.0358E	0.002	<0.0005
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	0.0007	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.010	0.0016	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.0008	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.009	0.0014	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.011E	0.0043	<0.0005	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	0.006	0.0009	<0.0005	<0.0005
Tetrachloroethene	.912	1.06	.653	n/a	0.866E	0.3208E	0.345E	0.204E
Toluene	<0.5	<0.5	<0.5	n/a	0.012E	0.0024	<0.0005	<0.0005
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.051E	0.0009	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	0.0016	<0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.0009	<0.5						
Benzene	0.0005	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	0.0163E	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	<0.0005	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	1.4169E	<0.5						
Toluene	<0.0005	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	09/18/03	09/24/03	10/02/03	10/08/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	6.15	<5.00	7.57	<5.00	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0007	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.003	<0.0005	0.005	0.005
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0238	0.005	0.003
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0625E	<0.0005	0.002
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0007	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.023E	0.002
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.0013	0.0075	<0.0005	0.003
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.0023	<0.0005	<0.0005
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	0.004	0.2874E	0.009	0.335E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0126E	<0.0005	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0018	<0.0005	0.001
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.0143E	<0.5						
Benzene	0.0199E	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	<0.0005	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	0.1711E	<0.5						
Methylene Chloride	0.0006	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.1746E	<0.5						
Toluene	0.0012	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.0018	0.0226E	0.002	0.017E
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0032	0.003	0.019E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0016	<0.0005	0.001
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.0131	0.0883E	0.003	0.009
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.0008	<0.0005	<0.0005	0.007
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	0.000
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.2395E	0.006	0.108E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0069	<0.0005	0.002
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0041	<0.0005	0.002
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0013	<0.0005	0.001

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/10/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.0646E	<0.5						
Benzene	0.0095	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	<0.0005	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	0.4832E	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.0250E	<0.5						
Toluene	0.0014	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	6.95	<5.00	<5.00	16.1	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.093E	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.055E	0.0640E	0.002	0.017E
Benzene	<0.5	<0.5	<0.5	n/a	0.046E	0.0521E	0.005	0.022E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.0012	0.0007	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	0.002
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.050E	0.0008	<0.0005	0.001
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.022	0.1115E	0.003	0.002
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.011E	0.0174E	<0.0005	0.004
MTBE	<0.5	<0.5	<0.5	n/a	0.012E	0.0055	<0.0005	<0.0005
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	0.031E	0.3028E	0.018E	0.075E
Toluene	<0.5	<0.5	<0.5	n/a	0.090E	0.0128E	0.001	0.002
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.009	0.0010	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	0.0010	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.210E	0.0021	<0.0005	0.002
Xylene, o	<0.5	<0.5	<0.5	n/a	0.102E	0.007	<0.0005	0.001

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*						
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5						
1,1,2,2-Tetrachloroethane	<0.0005	<0.5						
1,1,2-Trichloroethane	<0.0005	<0.5						
1,1-Dichloroethane	<0.0005	<0.5						
1,1-Dichloroethene	<0.0005	<0.5						
1,2-Dichlorobenzene	<0.0005	<0.5						
1,2-Dichloroethane	<0.0005	<0.5						
1,2-Dichloropropane	<0.0005	<0.5						
1,3-Dichlorobenzene	<0.0005	<0.5						
1,4-Dichlorobenzene	<0.0005	<0.5						
Acetone	0.0105E	<0.5						
Benzene	0.0162E	<0.5						
Bromodichloromethane	<0.0005	<0.5						
Bromoform	<0.0005	<0.5						
Bromomethane	<0.0005	<0.5						
Carbon Tetrachloride	<0.0005	<0.5						
Chlorobenzene	<0.0005	<0.5						
Chlorodibromomethane	<0.0005	<0.5						
Chloroethane	<0.0005	<0.5						
Chloroform	<0.0005	<0.5						
Chloromethane	<0.0005	<0.5						
cis-1,3-Dichloropropene	<0.0005	<0.5						
Ethylbenzene	<0.0005	<0.5						
MEK (2-Butanone)	0.0125E	<0.5						
Methylene Chloride	<0.0005	<0.5						
MTBE	<0.0005	<0.5						
Tetrachloroethene	0.0394E	<0.5						
Toluene	0.0009	<0.5						
trans-1,2-Dichloroethene	<0.0005	<0.5						
trans-1,3-Dichloropropene	<0.0005	<0.5						
Trichloroethene	<0.0005	<0.5						
Trichlorofluoromethane	<0.0007	<0.5						
Vinyl Chloride	<0.0005	<0.5						
Xylene, m+p	<0.0005	<0.5						
Xylene, o	<0.0005	<0.5						

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

1851

Dvirka and Bartilucci
CONSULTING ENGINEERS

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February 7, 2005

Jeffrey E. Trad, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)
NYSDEC Contract No. D004184
Quarterly Report – 3rd Quarter
Reporting Period – April 1, 2004 through June 30, 2004
D&B No. 1851-05

Dear Mr. Trad:

The purpose of this letter is to summarize the results of progress monitoring and the progress of remediation at the Franklin Cleaners Site (see Figures 1 and 2), for the period of April 1, 2004 through June 30, 2004. The information contained in this report is a compilation of the progress monitoring reports submitted by Environmental Products and Services (EP&S), the remedial construction and operation and maintenance contractor.

Soil Vapor Extraction System Operation

According to EP&S reports, soil vapor extraction wells SVE-1 and SVE-2 operated at average extraction rates of 44.2 standard cubic feet per minute (scfm) and 77.5 scfm, respectively, during the period. Vacuum at the well heads averaged 4.4 inches of water gauge (in. w.c.) and 8.0 in. w.c. for SVE-1 and SVE-2, respectively. Approximately 42,000,000 cubic feet of soil vapor has been extracted, treated and discharged to the atmosphere since system startup. During the period, vacuum at each of the four vapor monitoring probes averaged 0.7 in. w.c., 0.5 in. w.c., 0.6 in. w.c. and 0.5 in. w.c. for SVM-1, SVM-2, SVM-3 and SVM-4, respectively.

The soil vapor extraction system was inoperative for approximately 112 hours during the period due to system alarm conditions. A detailed description of system alarm conditions is presented in the downtime forms prepared by EP&S (see Attachment A).

Air Sparging System Operation

According to EP&S reports, air sparging wells AS-1, AS-2 and AS-3 operated at average air injection rates of 6.4 scfm, 6.6 scfm and 4.3 scfm, respectively, during the period. Air injection pressures at the well heads averaged 1.3 pounds per square inch (psi), 1.3 psi and 1.8 psi for AS-1, AS-2 and AS-3, respectively. The air sparging system was inoperative for approximately 183 hours due to shutdown for groundwater sampling, routine maintenance activities and system alarm conditions. A detailed description of system alarm conditions is presented in the downtime forms (see Attachment A).

Soil Vapor Extraction System Sampling

Vapor phase samples were collected by EP&S from each of the two soil vapor extraction wells, at each of the four soil vapor monitoring probes and at the inlet and outlet of each carbon adsorption vessel at a frequency of twice per month during the routine operating period. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-1.

Sample results are shown in Table 1. As can be seen on the table, concentrations of tetrachloroethene (PCE) detected in soil vapor collected from SVE-1 ranged from 0.001 microgram per liter (ug/l) on April 21, 2004, to 0.87 ug/l on May 24, 2004. Similarly, concentrations of PCE detected in soil vapor collected from SVE-2 ranged from <0.0005 microgram per liter (ug/l) on April 21, 2004, to 0.3816 ug/l on April 7, 2004. During the period, trace amounts of other VOCs, including 1,1,1 trichloroethane, 1,4 dichlorobenzene, acetone, benzene, chloroform, chloromethane, ethylbenzene, 2-butanone, methylene chloride, trichloroethene, toluene and xylenes, were also detected in extraction SVE-1 and/or SVE-2.

Based on the above sampling results, during the period, the rate of extraction of PCE by SVE-1 ranged from approximately 0.002 pound per hour (lb/hr) to <0.006 lb/hr. The rate of extraction of PCE by SVE-2 ranged from approximately 0.002 pound per hour (lb/hr) to <0.003 lb/hr. Refer to the attached trendline graph (Graph 1) showing PCE removal rates for SVE-1 and SVE-2 since start-up. An estimated combined total of 0.2 pound of PCE were extracted by SVE-1 and SVE-2 this period. The reported maximum emission rate of PCE and total VOCs from the discharge stack of the soil vapor extraction system was 0.41 lb/day (or approximately 0.02 lb/hr) during the period.

Groundwater Quality Data

Samples were collected by EP&S from groundwater monitoring wells ASM-1 and ASM-2 at a frequency of once per month during the routine operating period. Each sample was analyzed for VOCs by USEPA Method 8260, as well as iron and manganese by USEPA Method 200.7. The locations of the wells are shown on Figure 2.

The results of the monitoring well sampling are shown in Table 2. As can be seen on the table, the concentrations of PCE detected in both wells ASM-1 and ASM-2 were less than 5 ug/l during each of the three sampling events performed during the period. Refer to the attached trend line graphs (Graphs 2 and 3), which present PCE concentrations detected in samples collected from ASM-1 and ASM-2 since startup.

During the period, concentrations of iron and manganese detected in groundwater samples collected from ASM-1 and ASM-2 were greater than detected during previous sampling events.

Iron concentrations detected in well ASM-1 ranged from 3,020 ug/l to 21,700 ug/l. The maximum concentration of iron previously detected in ASM-1 was 838 ug/l. Manganese concentrations detected in well ASM-1 ranged from 116 ug/l to 885 ug/l. The maximum concentration of manganese previously detected in ASM-2 was 34.3 ug/l.

Iron concentrations detected in well ASM-2 ranged from 2,770 ug/l to 11,500 ug/l. The maximum concentration of iron previously detected in ASM-2 was 2,170 ug/l. Manganese concentrations detected in well ASM-2 ranged from 110 ug/l to 607 ug/l. The maximum concentration of iron previously detected in ASM-2 was 189 ug/l.

Conclusions

Based on the data presented above, the following can be concluded:

- Vapor phase sample results show that mass removal rates for extraction wells SVE-1 and SVE-2 have decreased to non-detectable levels, while based on vacuum measurements in the vapor monitoring probes, influence is being exerted on the targeted area.

- Groundwater sample results show that concentrations of PCE in wells ASM-1 and ASM-2 were consistently below the NYSDEC Class GA Groundwater Standard during the period.

- Groundwater sample results show that concentrations of iron and manganese detected during the period in ASM-1 and ASM-2 were greater than detected during previous sampling events.

Recommendations

Given the sustained decline of PCE concentrations to below 5 ug/l groundwater monitoring wells ASM-1 and ASM-2, as well as nondetectable levels of PCE concentrations in soil vapor extracted from wells SVE-1 and SVE-2, consideration should be given to shutting down the air sparging and soil vapor extraction systems based on the proposed sequence provided below:

1. Shutdown air sparging system and monitor for a "bounce back" of PCE concentrations within on-site groundwater monitoring wells ASM-1 and ASM-2 for a period of 6 months. Continue operation of the soil vapor extraction system during this period.

2. If groundwater concentrations remain below the groundwater remediation objective of 5 ug/l throughout the 6-month period, collect groundwater samples from off-site monitoring wells FC-1 and FC-2 to determine water quality upgradient and downgradient of the site. Shut down the soil vapor extraction system for a period of 2 weeks.

3. If no spikes in VOC concentrations are observed in the soil vapor extracted from wells SVE-1 and SVE-2 upon startup of the soil vapor extraction system, conduct confirmatory soil sampling to determine if site-specific soil remediation objectives have been achieved. Site-specific soil remediation objectives are as follows:

Contaminant	Contract Performance Standard (mg/kg)
1,2-Dichloroethene (total)	0.3
1,1-Dichloroethene	0.4
Trichloroethene	0.7
Tetrachloroethene	1.4

4. If site-specific soil re mediation objectives have been achieved, based upon review of the data collected during the confirmatory sampling event, shut down the soil vapor extraction system for a period of one month.

5. After 1 month, conduct post-remediation ambient air sampling to determine ambient levels of PCE.

6. Review results of post-remediation ambient air sampling event for conformance with NYSDOH Residential and Commercial Guidance Values and assess the potential for permanent shutdown of the SVE system.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

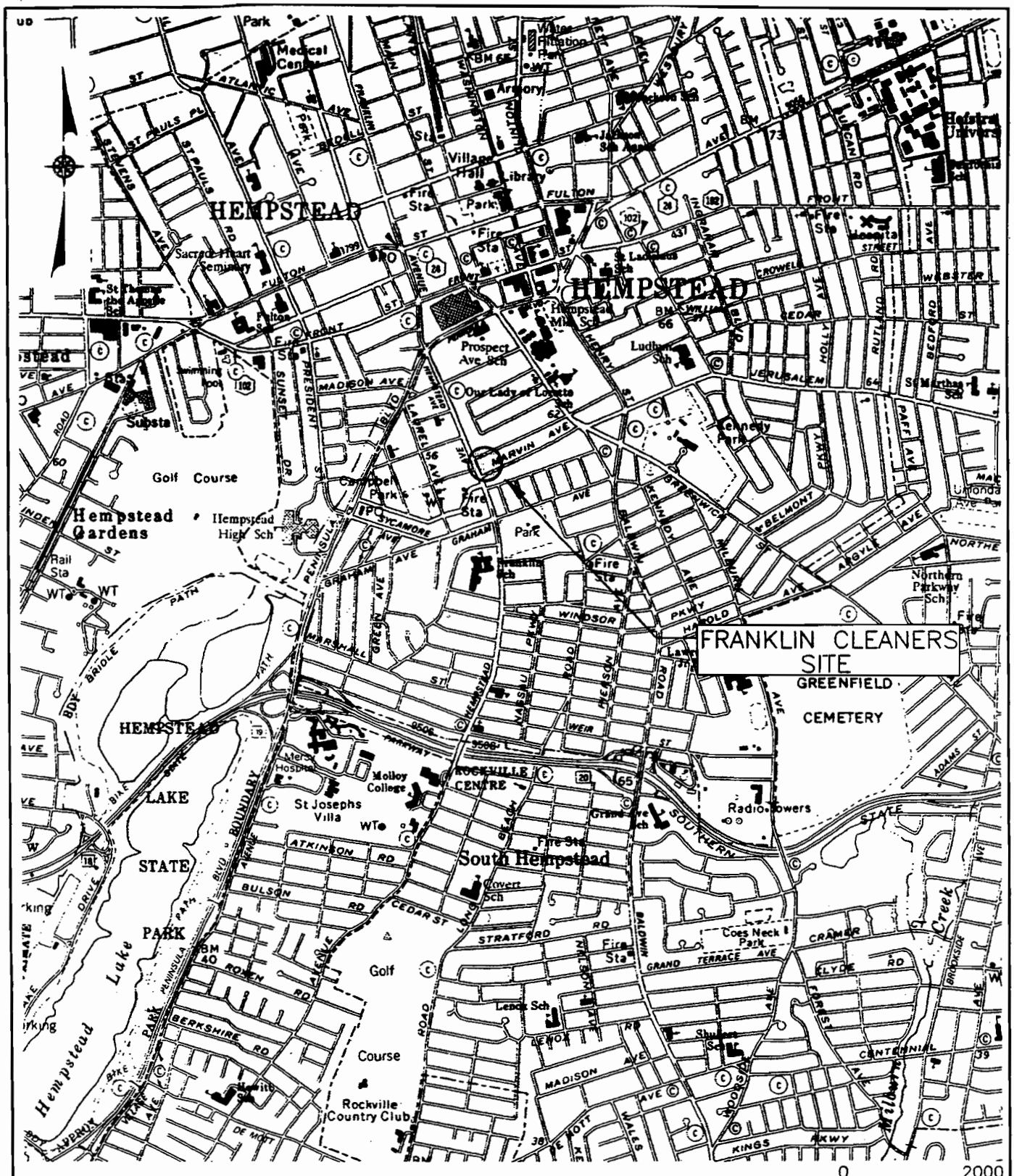
Very truly yours,

Frank DeVita

Frank DeVita
Project Manager

FDt/jmy
Enclosure
cc: D. Glass, D&B
J. Neri, H2M
♦1851\FD02075-JET.DOC

FIGURES



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

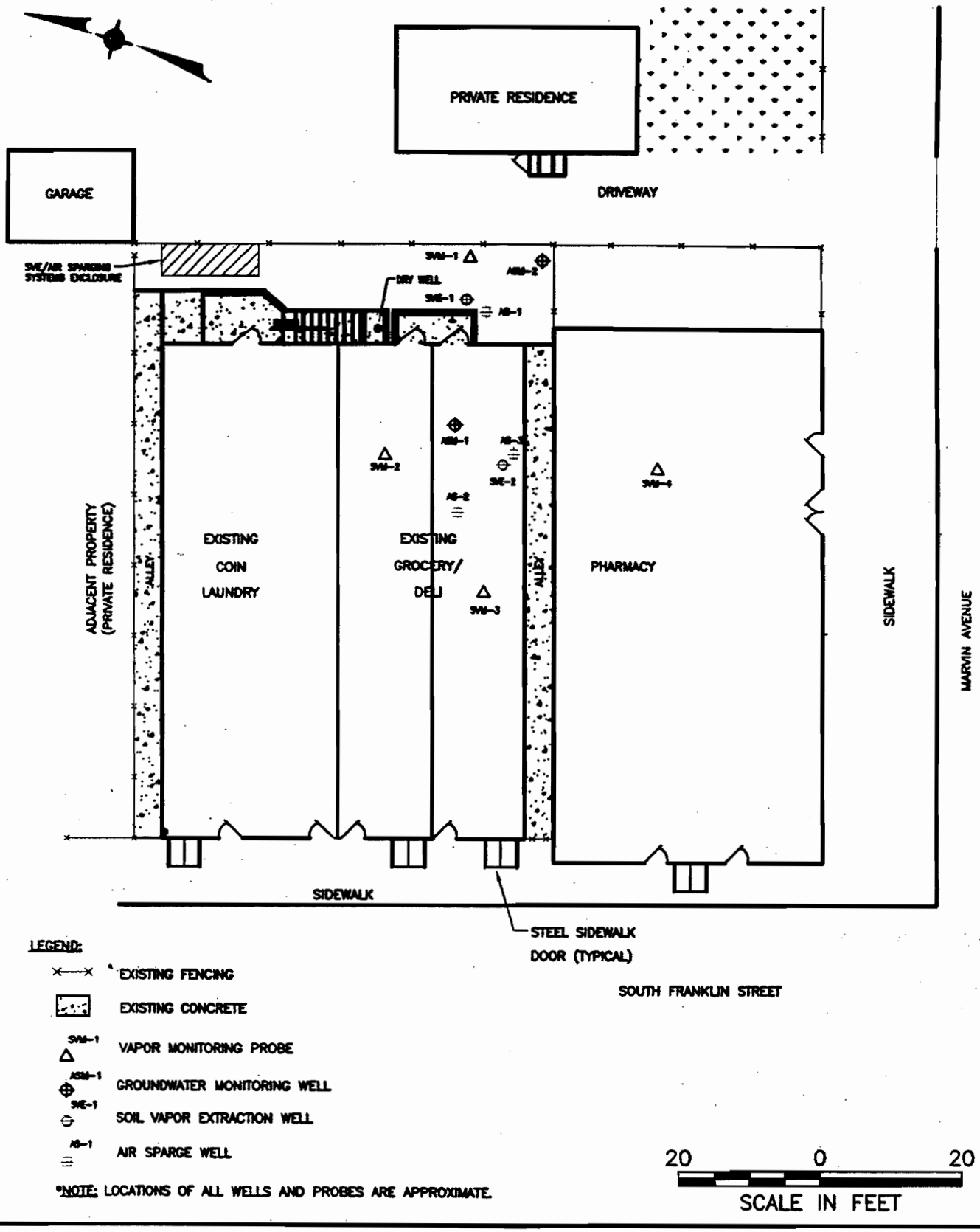
FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES P.C.

SITE LOCATION MAP

FIGURE 1

I:\18511\On Site - Quarterly reports\2nd Quarter\FIGURE 1-1 SITE LOCATION MAP.dwg, 05/21/04 04:42:44 PM, FDeVita



FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS

WELL LOCATION MAP

FIGURE 2

TABLES

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	20.0	6.94	13.1	9.06	5.27	13.7
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0011	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0010	<0.5	0.0199E	0.040E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0005	<0.5	0.0358	0.041E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0013	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	0.0017	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	<0.0005	0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.0030	<0.5	0.0017	0.009	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0082	0.006	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.1175E	<0.5	0.3596E	0.001	<0.5	0.87	<0.5	<0.5
Toluene	<0.0005	<0.5	0.0019	0.01	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0009	0.001	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	<0.0005	0.000	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	6.58
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	19.2	13.5	18.5	9.74	<5.00	15.6
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/2506)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0018	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.010E	<0.5	0.0290E	0.008	<0.5	<0.5	<0.5	<0.5
Benzene	0.006	<0.5	0.0240E	0.010E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0025	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	0.009	3.27	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.009	<0.5	0.0092	0.004	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0131E	0.006	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.040E	<0.5	0.3816E	<0.0005	<0.5	<0.5	<0.5	<0.5
Toluene	<0.0005	<0.5	0.0064	0.006	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0008	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0017	0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	16.2	13.4	19.9	11.7	23.2	52.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0015	0.001	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.004	0.0475E	<0.0005	0.003
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0342E	0.007	0.004
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0003	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	0.001
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.0011	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	0.0097	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.003	0.0161E	0.001	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.0050	<0.0005	<0.0005
Tetrachloroethene	1.05	1.09	.866	n/a	0.042E	0.2364E	0.425E	0.030E
Toluene	<0.5	<0.5	<0.5	n/a	0.0006	0.0163E	0.001	<0.0005
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0016	0.001	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0026	0.001	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0009	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	0.0011	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0008	0.0010	<0.5	<0.5	<0.5	<0.5
Acetone	<0.0005	<0.5	0.0279E	0.0151E	<0.5	<0.5	<0.5	<0.5
Benzene	<0.0005	<0.5	0.0312E	0.0194E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0008	0.0013	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	0.0008	0.0865E	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0007	0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	<0.0005	<0.5	0.0078	0.0034	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0214E	0.0030	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.0960E	<0.5	0.2238E	0.9127E	0.78	1.28	0.69	28.6
Toluene	<0.0005	<0.5	0.0083	0.0022	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	0.0045	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0019	0.0015	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	<0.0005	0.0008	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	14.2
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	15.4	12.9	13.6	14.4	24.2	63.0
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	0.009	0.0016	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	0.0018	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.025E	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.165E	0.0027	<0.0005	0.005
Benzene	<0.5	<0.5	<0.5	n/a	0.092E	0.0133E	0.001	0.006
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	0.005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	0.009	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	0.026E	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.020E	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	0.362E	0.0190E	<0.0005	<0.0005
cis-1.3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.010E	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	0.0037	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.667E	0.0092	<0.0005	0.001
MTBE	<0.5	<0.5	<0.5	n/a	0.042E	0.0030	<0.0005	<0.0005
Tetrachloroethene	.809	1.17	.934	n/a	0.755E	0.0392E	0.204E	0.062E
Toluene	<0.5	<0.5	<0.5	n/a	0.058E	0.0065	<0.0005	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.033E	0.0006	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	0.028E	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.053E	0.0009	<0.0005	0.001
Xylene, o	<0.5	<0.5	<0.5	n/a	0.023E	<0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.006	<0.5	0.0370E	0.0208E	<0.5	<0.5	<0.5	15.9
Benzene	0.005	<0.5	0.0330E	0.0218E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0016	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	3.57	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	<0.0005	<0.5	0.0017	0.0019	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0657E	0.0025	<0.5	<0.5	1.21	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.531E	0.51	0.6870E	0.0024	<0.5	<0.5	4.47	15.8
Toluene	<0.0005	<0.5	0.0019	0.0025	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0014	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	09/18/2003	09/24/2003	10/02/2003	10/08/2003	10/15/2003	10/23/2003
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	34.1
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	19.4	12.0	18.4	<5.00	36.3	37.5
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	13.1
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m-p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	0.0024	0.0007	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.0006	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.029	0.0164E	0.001	<0.0005
Benzene	<0.5	<0.5	<0.5	n/a	0.058E	0.0358E	0.002	<0.0005
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	0.0007	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.010	0.0016	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.0008	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.009	0.0014	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.011E	0.0043	<0.0005	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	0.006	0.0009	<0.0005	<0.0005
Tetrachloroethene	.912	1.06	.653	n/a	0.866E	0.3208E	0.345E	0.204E
Toluene	<0.5	<0.5	<0.5	n/a	0.012E	0.0024	<0.0005	<0.0005
trans-1.2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.051E	0.0009	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	0.0016	<0.0005	<0.0005	<0.0005

n/a = not available: ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0005	0.0008	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0009	<0.5	0.0505E	0.0113E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0005	<0.5	0.0169E	0.0326E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0005	0.0021	<0.5	<0.5	<0.5	<0.5
Chloromethane	0.0163E	<0.5	0.0137E	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0017	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	<0.0005	<0.5	0.0089	0.0023	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0633E	0.0010	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	1.4169E	<0.5	0.6470E	0.9261E	<0.5	0.67	4.8	41.6
Toluene	<0.0005	<0.5	0.0713E	0.0035	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0016	0.0023	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0046	0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0016	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	09/18/03	09/24/03	10/02/03	10/08/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	6.15	<5.00	7.57	<5.00	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0007	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.003	<0.0005	0.005	0.005
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0238	0.005	0.003
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0625E	<0.0005	0.002
cis-1.3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0007	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.023E	0.002
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.0013	0.0075	<0.0005	0.003
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.0023	<0.0005	<0.0005
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	0.004	0.2874E	0.009	0.335E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0126E	<0.0005	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0018	<0.0005	0.001
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0005	<0.0005	<0.0005

n/a = not available: ELS laboratory instrument failure
As of 1/14.04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0143E	<0.5	0.0017E	0.0089	<0.5	<0.5	<0.5	<0.5
Benzene	0.0199E	<0.5	0.0160E	0.0415E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	0.0058	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.1711E	<0.5	0.0019	0.0011	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	0.0006	<0.5	0.0030	0.0019	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.1746E	<0.5	0.1895E	<0.0005	<0.5	0.60	<0.5	<0.5
Toluene	0.0012	<0.5	0.0041	0.0017	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0019	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0008	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L
(Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.0018	0.0226E	0.002	0.017E
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0032	0.003	0.019E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1.3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0016	<0.0005	0.001
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.0131	0.0883E	0.003	0.009
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.0008	<0.0005	<0.0005	0.007
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	0.000
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.2395E	0.006	0.108E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0069	<0.0005	0.002
trans-1.2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1.3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0041	<0.0005	0.002
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0013	<0.0005	0.001

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/10/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0646E	<0.5	0.0209E	0.0071	<0.5	<0.5	<0.5	<0.5
Benzene	0.0095	<0.5	0.0386E	0.0144E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	0.0026	<0.5	<0.5	<0.5	0.78
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.4832E	<0.5	0.0039	0.0022	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0034	<0.0005	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.0250E	<0.5	0.0488E	<0.0005	<0.5	<0.5	<0.5	<0.5
Toluene	0.0014	<0.5	0.0087	0.0020	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0013	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachlorpethene	6.95	<5.00	<5.00	16.1	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.093E	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.055E	0.0640E	0.002	0.017E
Benzene	<0.5	<0.5	<0.5	n/a	0.046E	0.0521E	0.005	0.022E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.0012	0.0007	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	0.002
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.050E	0.0008	<0.0005	0.001
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.022	0.1115E	0.003	0.002
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.011E	0.0174E	<0.0005	0.004
MTBE	<0.5	<0.5	<0.5	n/a	0.012E	0.0055	<0.0005	<0.0005
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	0.031E	0.3028E	0.018E	0.075E
Toluene	<0.5	<0.5	<0.5	n/a	0.090E	0.0128E	0.001	0.002
trans-1.2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.009	0.0010	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	0.0010	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.210E	0.0021	<0.0005	0.002
Xylene, o	<0.5	<0.5	<0.5	n/a	0.102E	0.007	<0.0005	0.001

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0105E	<0.5	0.0214E	0.0233E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0162E	<0.5	0.0358E	0.0395E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.0125E	<0.5	0.0053	0.0040	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0064	0.0054	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.0394E	<0.5	0.1863E	<0.0005	<0.5	<0.5	<0.5	<0.5
Toluene	0.0009	<0.5	0.0041	0.0056	<0.5	<0.5	<0.5	<0.5
trans-1.2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	9.20
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	9.68
Tetrachloroethene	13.8	5.36	5.48	5.22	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.010	<0.0005	0.003	0.008
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0216E	0.008	0.005
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0064	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.002	0.2117E	0.010	0.003
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.005	0.0047	0.002	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	0.0006	0.0014	<0.0005	<0.0005
Tetrachloroethene	1.13	<0.5	<0.5	n/a	0.005	0.2774E	0.085E	0.043E
Toluene	<0.5	<0.5	<0.5	n/a	0.0018	0.0030	0.002	<0.0005
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.0007	0.0008	0.001	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0274E	<0.5	0.0137E	0.0188E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0033	<0.5	0.0139E	0.0451E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	0.0007	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	0.0027	<0.5	0.0150E	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.6183E	<0.5	0.0019	0.0029	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0055	0.0021	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.3146E	<0.5	0.0785E	<0.0005	0.5	<0.5	<0.5	<0.5
Toluene	<0.0005	<0.5	0.0103E	0.0030	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0014	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-1

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/2506)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
Dichlorodifluromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Vinyl Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,2-Trichlorotrifluoroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Acetone	<25	<25	<25	<25	5.7JB	<25	<25	<25	
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methyl tert-butyl Ether	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methyl Acetate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Cyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
2-Butanone	<25	<25	<25	<25	<25	<25	<25	<25	
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methylcyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Trichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
4-Methyl-2-Pentanone	<25	<25	<25	<25	<25	<25	<25	<25	
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
t-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
2-Hexanone	<25	<25	<25	<25	<25	<25	<25	<25	
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dibromoethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Tetrachloroethene	2.5J	1.0J	<5.0	0.59J	1.0J	<5.0	<5.0	<5.0	
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
M/P-Xylenes	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-1

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/2506)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
O-Xylene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Styrene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dichalorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dibromo-3-Chloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Metals Analyses Method 200.7	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Iron	838	96.4	550	520	342	21700	3020	3850	
Manganese	34.3	6.0	22.5	27.4	18.2	885	116	805	

NA = Not Analyzed

J = estimated detection above specified detection

*samples collected on October 24, 2003

NA = Not Analyzed

J = estimated detection above specified detection limit

B = analyte found in trip blank

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-2

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/2506)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dichlorodifluromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Vinyl Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,2-Trichlorotrifluoroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Acetone	<25	<25	<25	<25	6.3JB	<25	<25	<25	
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methyl tert-butyl Ether	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methyl Acetate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Cyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
2-Butanone	<25	<25	<25	<25	<25	<25	<25	<25	
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methylcyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Trichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
4-Methyl-2-Pentanone	<25	<25	<25	<25	<25	<25	<25	<25	
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
t-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
2-Hexanone	<25	<25	<25	<25	<25	<25	<25	<25	
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dibromoethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Tetrachloroethene	2.8J	4.2J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
M/P-Xylenes	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-2

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/2506)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
O-Xylene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Styrene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dichalorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2-Dibromo-3-Chloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Metals Analyses Method 200.7	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Iron	2170	285	179	158	115	11500	3820	2770	
Manganese	77.0	189	5.3	12.6	3.8J	587	110	607	

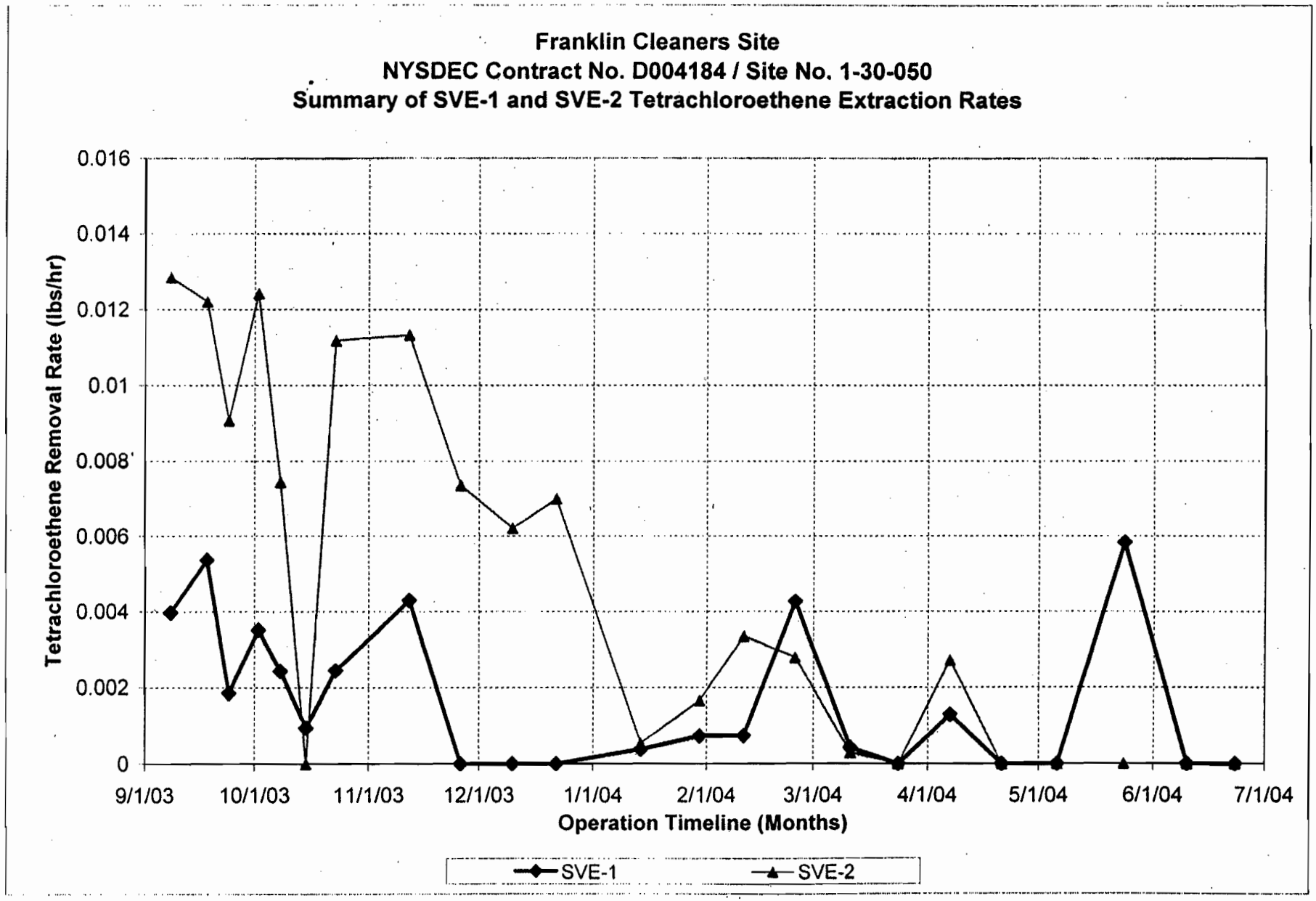
NA = Not Analyzed

J = estimated detection above specified detection

*samples collected on October 24, 2003

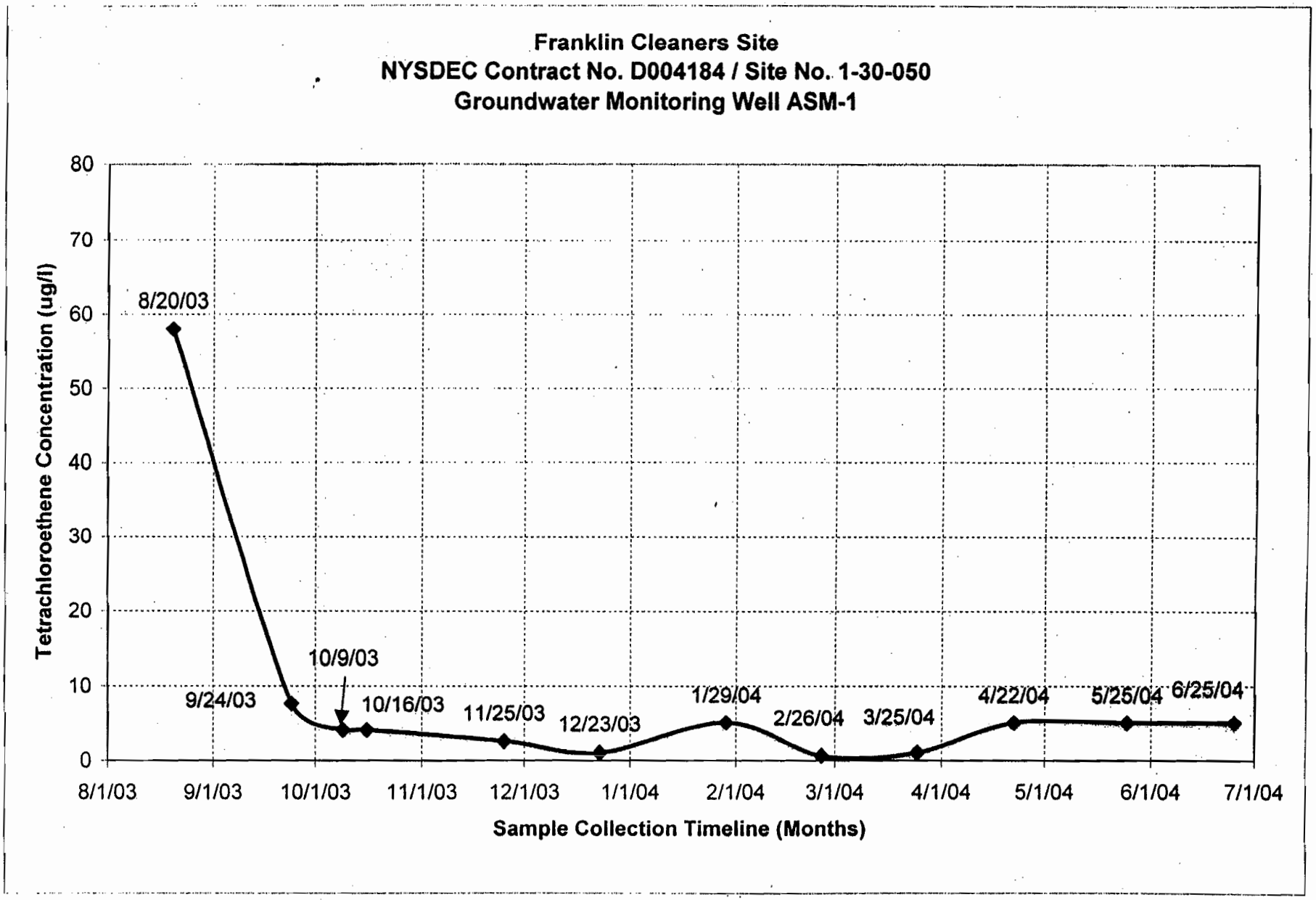
GRAPHS

GRAPH 1

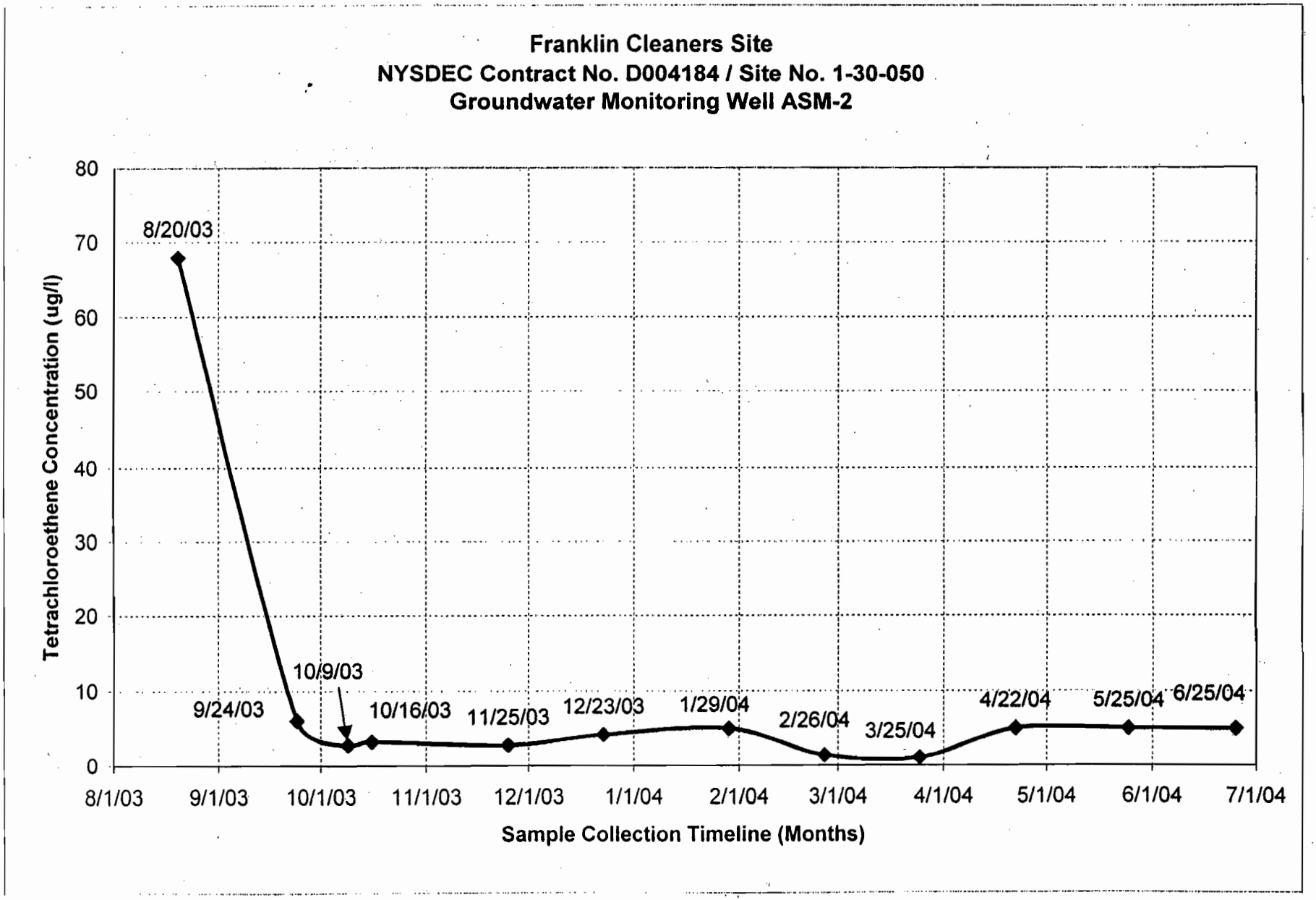


G:/FDevita/Projects/Franklin_Cleaners/NYSDEC Contract No. D004184 - SVE_SPARGE System/Quarterly Reports/Second Quarter/GRAPH 1 - PCE REMOVAL TRENDLINE Chart 1

GRAPH 2


Franklin Cleaners Site
NYSDEC Contract No. D004184 / Site No. 1-30-050
Groundwater Monitoring Well ASM-1
Tetrachloroethene Concentration (ug/l)
80
70
60
50
40
30
20
10
0
8/20/03
9/24/03
10/9/03
10/16/03
11/25/03
12/23/03
1/29/04
2/26/04
3/25/04
4/22/04
5/25/04
6/25/04
8/1/03
9/1/03
10/1/03
11/1/03
12/1/03
1/1/04
2/1/04
3/1/04
4/1/04
5/1/04
6/1/04
7/1/04
Sample Collection Timeline (Months)

GRAPH 3


Franklin Cleaners Site
NYSDEC Contract No. D004184 / Site No. 1-30-050
Groundwater Monitoring Well ASM-2
Tetrachloroethene Concentration (ug/l)
80
70
60
50
40
30
20
10
0
8/20/03
9/24/03
10/9/03
10/16/03
11/25/03
12/23/03
1/29/04
2/26/04
3/25/04
4/22/04
5/25/04
6/25/04
8/1/03
9/1/03
10/1/03
11/1/03
12/1/03
1/1/04
2/1/04
3/1/04
4/1/04
5/1/04
6/1/04
7/1/04
Sample Collection Timeline (Months)

ATTACHMENT A

SOIL VAPOR EXTRACTION
SYSTEM DOWNTIME FORMS

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jared Gronemeyer (1) Performance Test (2) Initial (3) Routine

Company: Envirosprect

System down on arrival? No (Yes): Date 6/22/04 Time 11:00

SVE Blower Run Time (hours): _____ at _____ (EXTREMELY IMPORTANT!!!)
Current Reading (Cumulative) time

Down-time Begins: **Date:** 6/18/04 **Time:** 18:52 (pager)

Description of Cause(s):
Unknown - investigated cause (appears to be power outages caused by weather and/or breaker trips at substation caused by overloading) (LIPA said heavy rain + a number of problems) (moisture separator not full)
note: tenant is doing renovations to building; site is a mess.

Corrective Action(s) Taken:
check systems + restart.

System down on departure? (No) Yes: Date _____ Time _____

Down-time Ends: **Date:** 6/22/04 **Time:** 11:20

SVE Blower Run Time (hours): 6480.3 at 11:20 (EXTREMELY IMPORTANT!!!)
Current Reading (Cumulative) time

Total Down-Time for this period: 88.46 *(hours)*

Completed form must be included in each SVE Report (when applicable).

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jared Groneman (1) Performance Test (2) Initial (3) Routine

Company: EnviroSpect

System down on arrival? No (Yes) Date 6/23/04 Time 10:15

SVE Blower Run Time (hours): _____ at _____ (EXTREMELY IMPORTANT!!!)
Current Reading (Cumulative) time

Down-time Begins: **Date:** 6/22/04 **Time:** 11:32

Description of Cause(s):
Unknown - Suspect overloading @ LIPA substation.

Corrective Action(s) Taken:
Check system + restart

System down on departure? (No) Yes: Date _____ Time _____

Down-time Ends: **Date:** 6/23/04 **Time:** 10:19

SVE Blower Run Time (hours): 6480.4 at 10:19 (EXTREMELY IMPORTANT!!!)
Current Reading (Cumulative) time

Total Down-Time for this period: 22.79 *(hours)*

Completed form must be included in each SVE Report (when applicable).

AIR SPARGING SYSTEM DOWNTIME FORMS

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jared Groncraz (1) Performance Test (2) Initial (3) Routine

Company: Enviospect

System down on arrival? (No) Yes: Date _____ Time _____

Hour Meter Reading: 4341.4 (AS blower) Current Reading (Cumulative) at 1:55 time (EXTREMELY IMPORTANT!!!!)

Down-time Begins: **Date:** 4/21/04 **Time:** 1:55

(this may have to be determined by office if not known on site)

Description of Cause(s)

Scheduled shutdown for sampling

Corrective Action(s) Taken:

System down on departure? No (Yes): Date 4/21/04 Time 1:55

Down-time Ends: **Date:** 4/22/04 **Time:** 2:58

Hour Meter Reading: 4341.4 (AS blower) Current Reading (Cumulative) at 2:58 time (EXTREMELY IMPORTANT!!!!)

Total Down-Time for this period: 25:03 *(hours)*

Completed form must be included in each Air Sparging Report (when applicable).

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: L. VETTER (1) Performance Test (2) Initial (3) Routine

Company: ENVIROSPECT

System down on arrival? (No) Yes: Date ~~5-24-04~~ Time ~~1200~~

Hour Meter Reading: 4968.4 at 1400 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Down-time Begins: **Date:** 5-24-04 **Time:** 1400
(this may have to be determined by office if not known on site)

Description of Cause(s)
Scheduled shut down of system for groundwater sampling event 5/25/04

(14 hrs run
10 hrs down)

Corrective Action(s) Taken:

Restarted system after groundwater samples collected.

14.5 hrs run
9.5 hrs down

System down on departure? (No) Yes: Date ~~5-25-04~~ Time ~~0930~~

Down-time Ends: **Date:** 5-25-04 **Time:** 0930

Hour Meter Reading: 4968.4 at 0930 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Total Down-Time for this period: 19.5 ✓
(hours)

Completed form must be included in each Air Sparging Report (when applicable).

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jared Groneman (1) Performance Test (2) Initial (3) Routine

Company: Envirospect

System down on arrival? No (Yes): Date June 22, 2004 Time 11:00

Hour Meter Reading: 5557.0 at 11:20 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Down-time Begins: **Date:** 6/18/04 **Time:** 18:52 (page)
(this may have to be determined by office if not known on site)

Description of Cause(s)
Unknown - investigated cause (appears to be power outages caused by weather and/or breaker trips @ substation caused by overloading.)
(moisture separator not full)
note: Building is being renovated (Site is a mess.)

Corrective Action(s) Taken:
Check systems & restart.

System down on departure? (No) Yes: Date _____ Time _____

Down-time Ends: **Date:** 6/22/04 **Time:** 11:20

Hour Meter Reading: 5557.0 at 11:20 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Total Down-Time for this period: 88.46 *(hours)*

Completed form must be included in each Air Sparging Report (when applicable).

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jarad Groneman (1) Performance Test (2) Initial (3) Routine

Company: Envirospect

System down on arrival? No (Yes:) Date 6/23/04 Time 10:15

Hour Meter Reading: _____ at _____ (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Down-time Begins: **Date:** 6/22/04 **Time:** 11:32
(this may have to be determined by office if not known on site)

Description of Cause(s)
Unknown - Suspect overloading @ LIPA substation.

Corrective Action(s) Taken:
Ck systems + restart.

System down on departure? No Yes: Date _____ Time _____

Down-time Ends: **Date:** 6/23/04 **Time:** 10:19

Hour Meter Reading: _____ at _____ (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Total Down-Time for this period: 22.79 *(hours)*

Completed form must be included in each Air Sparging Report (when applicable).

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jared Groneman (1) Performance Test (2) Initial (3) Routine

Company: Envirospect

System down on arrival? No Yes: Date _____ Time _____

Hour Meter Reading: _____ at _____ (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

estimated time

Down-time Begins: **Date:** 6/23/04 **Time:** 12:00
(this may have to be determined by office if not known on site)

Description of Cause(s)
Turn AS System off in preparation of groundwater event.

10:19 to 12:00 = 1 hr. 41 min
41 (0.0166) = 0.68 hr.
1.68 hrs runtime

Corrective Action(s) Taken:

note: (groundwater event could not be performed on 6/24/04 as scheduled, as lab did not send containers as instructed. (cooler arrived late on 6/24/04.)

System down on departure? No Yes: Date _____ Time _____

Down-time Ends: **Date:** 6/25/04 **Time:** 14:55

Hour Meter Reading: 5557.1 at 14:55 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

24.00
-14.92
9.08

Total Down-Time for this period: 26.92 (hours)

6/2

Completed form must be included in each Air Sparging Report (when applicable).

1851

Dvirka and Bartilucci
CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York, 11797-2015
516-364-9890 • 718-460-3634 • Fax: 516-364-9045
e-mail: findingsolutions@db-eng.com

February 7, 2005

Jeffrey E. Trad, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)
NYSDEC Contract No. D004184
Quarterly Report – 4th Quarter
Reporting Period – July 1, 2004 through September 30, 2004
D&B No. 1851-05

Dear Mr. Trad:

The purpose of this letter is to summarize the results of progress monitoring and the progress of remediation at the Franklin Cleaners Site (see Figures 1 and 2) for the period of July 1, 2004, through September 30, 2004. The information contained in this report is a compilation of the progress monitoring reports submitted by Environmental Products and Services (EP&S), the remedial construction, and operation and maintenance contractor.

Soil Vapor Extraction System Operation

According to EP&S reports, soil vapor extraction wells SVE-1 and SVE-2 operated at average extraction rates of 35.0 standard cubic feet per minute (scfm) and 76.7 scfm, respectively, during the period. Vacuum at the well heads averaged 4.2 inches of water gauge (in. w.c.) and 11.4 in. w.c. for SVE-1 and SVE-2, respectively. Approximately 56,000,000 cubic feet of soil vapor has been extracted, treated and discharged to the atmosphere since system startup. During the period, vacuum at each of the four vapor monitoring probes averaged 0.9 in. w.c., 0.7 in. w.c., 0.7 in. w.c. and 0.6 in. w.c. for SVM-1, SVM-2, SVM-3 and SVM-4, respectively.

The soil vapor extraction system was inoperative for approximately 50 hours during the period due to a power outage and system alarm conditions. A detailed description of the system shutdown events is presented in the downtime forms prepared by EP&S (see Attachment A).

Air Sparging System Operation

According to EP&S reports, air sparging wells AS-1, AS-2 and AS-3 operated at average air injection rates of 5.0 scfm, 5.3 scfm and 3.5 scfm, respectively, when the system was operational. Air injection pressures at the well heads averaged 1.6 pounds per square inch (psi), 1.7 psi and 1.7 psi for AS-1, AS-2 and AS-3, respectively. The air sparging system was inoperative for approximately 47 hours due to shutdown for groundwater sampling and a power outage. A detailed description of system shutdown events is presented in the downtime forms (see Attachment A).

Due to the sustained decline of tetrachloroethene (PCE) concentrations to below 5 ug/l in groundwater monitoring wells ASMW-1 and ASMW-2, EP&S was directed to shut down the air sparging system for a period of 6 months beginning on August 30, 2004.

Soil Vapor Extraction System Sampling

Vapor phase samples were collected by EP&S from each of the two soil vapor extraction wells, at each of the four soil vapor monitoring probes and at the inlet and outlet of each carbon adsorption vessel at a frequency of twice per month during the routine operating period. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-1.

Sample results are shown in Table 1. As can be seen on the table, PCE was not detected in the soil vapor samples collected from both SVE-1 and SVE-2 during each of the six sampling events performed during the period. Trace amounts of other VOCs, including acetone and methylene chloride, were detected in extraction well SVE-2 during the period.

Based on the above sampling results, during the period, no PCE was removed by SVE-1 and SVE-2. Refer to the attached trend line graph (Graph 1) showing PCE removal rates for SVE-1 and SVE-2 since start up.

Groundwater Quality Data

Samples were collected by EP&S from groundwater monitoring wells ASM-1 and ASM-2 at a frequency of once per month during the routine operating period. Each sample was analyzed for

VOCs by USEPA Method 8260, as well as iron and manganese by USEPA Method 200.7. The locations of the wells are shown on Figure 2.

The results of the monitoring well sampling are shown in Table 2. As can be seen on the table, PCE was not detected in wells ASM-1 and ASM-2 during each of the three sampling events performed during the period. Refer to the attached trend line graphs (Graphs 2 and 3) which present PCE concentrations detected in samples collected from ASM-1 and ASM-2 since startup.

During the period, iron concentrations detected in well ASM-1 ranged from 1,850 ug/l to 24,300 ug/l. Manganese concentrations detected in well ASM-1 ranged from 175 ug/l to 901 ug/l. Iron concentrations detected in well ASM-2 ranged from 2,310 ug/l to 19,000 ug/l. Manganese concentrations detected in well ASM-2 ranged from 110 ug/l to 607 ug/l.

Conclusions

Based on the data presented above, the following can be concluded:

- Vapor phase sample results show that mass removal rates for extraction wells SVE-1 and SVE-2 have decreased to nondetectable levels while, based on vacuum measurements in the vapor monitoring probes, influence is being exerted on the targeted area.

- Groundwater sample results show that concentrations of PCE in wells ASM-1 and ASM-2 have consistently been below the NYSDEC Class GA Groundwater Standard for 11 months.

Recommendations

In consideration of the sustained decline of PCE concentrations to below 5 ug/l in groundwater monitoring wells ASM-1 and ASM-2, as well as nondetectable levels of PCE in soil vapor extracted from wells SVE-1 and SVE-2, a sequence to shut down the air sparging and soil vapor extraction systems was initiated on August 30, 2004. Presented below is the timeline for the planned shutdown:

August 2004 - The air sparging system was shut down for a 6-month period beginning on August 30, 2004. PCE concentration within groundwater monitoring wells ASM-1 and ASM-2 shall be monitored monthly for "bounce back" through February 29, 2005.

March 2005 - If groundwater concentrations remain below the groundwater remediation objective of 5 ug/l throughout the 6-month period, groundwater samples will be collected from off-site monitoring wells FC-1 and FC-2 to determine water quality upgradient and downgradient of the site and the soil vapor extraction system will be shut down for a period of 2 weeks.

April 2005 - If no spikes in VOC concentrations are observed in the soil vapor extracted from wells SVE-1 and SVE-2 upon start up of the soil vapor extraction system (after the 2-week shutdown), confirmatory soil sampling, to determine if site-specific soil remediation objectives have been achieved, will be performed.

May 2005 - If site-specific soil remediation objectives have been achieved, based upon review of the data collected during the confirmatory sampling event, the soil vapor extraction system will be shut down for a period of 1-month.

June 2005 - After 1 month, post-remediation indoor air sampling will be performed and permanent shutdown of the SVE system will be evaluated.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,

Frank DeVita

Frank DeVita
Project Manager

FDt/jmy
Enclosure
cc: D. Glass (D&B)
J. Neri (H2M)
♦1851\FD02075JET-A.DOC

FIGURES

SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

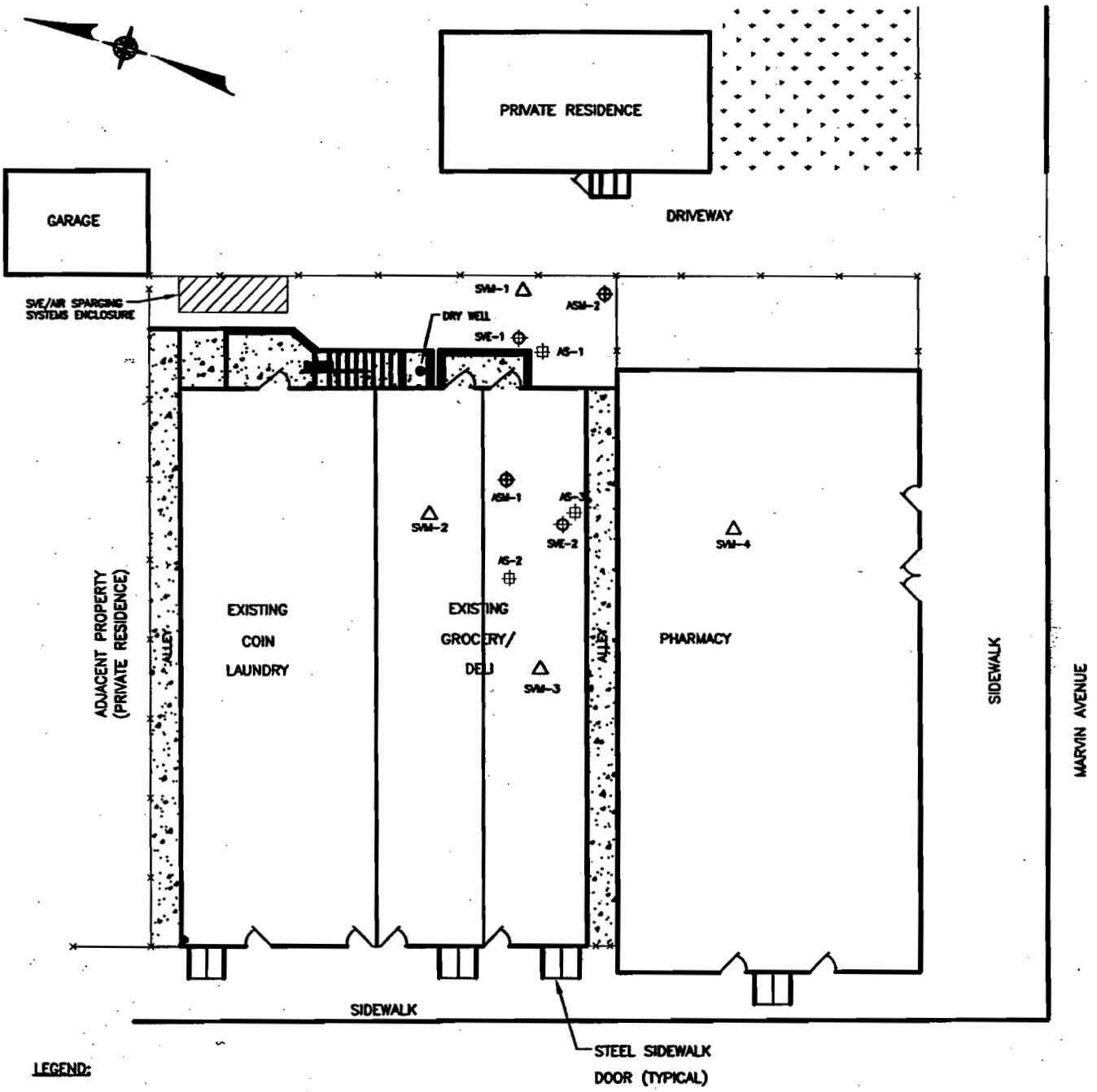
FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS

SITE LOCATION MAP

FIGURE 1

51\On Site - Quarterly reports\2nd Quarter\FIGURE 1-1 SITE LOCATION MAP.dwg, 05/21/04 04:42:44 PM, FDeVita



LEGEND:

- EXISTING FENCING
- EXISTING CONCRETE
- SVM-1 VAPOR MONITORING PROBE
- ASM-1 GROUNDWATER MONITORING WELL
- SVE-1 SOIL VAPOR EXTRACTION WELL
- AS-1 AIR SPARGE WELL

*NOTE: LOCATIONS OF ALL WELLS AND PROBES ARE APPROXIMATE.

20 0 20

SCALE IN FEET

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

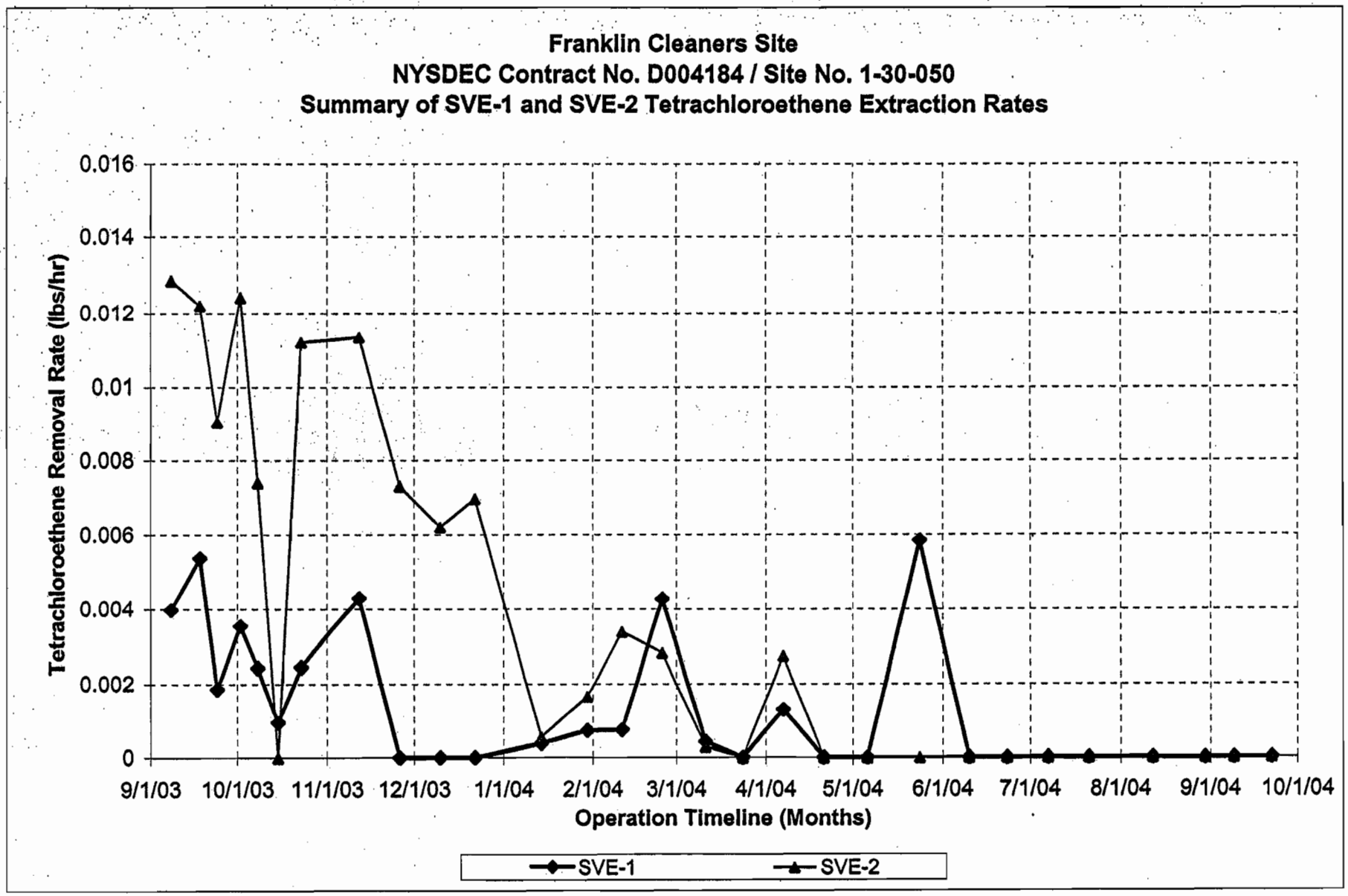
WELL LOCATION MAP

FIGURE 2

F:\11851\On Site - Quarterly reports\2nd Quarter\Figure 2.dwg, 10/26/04 03:13:57 PM, FDeVita

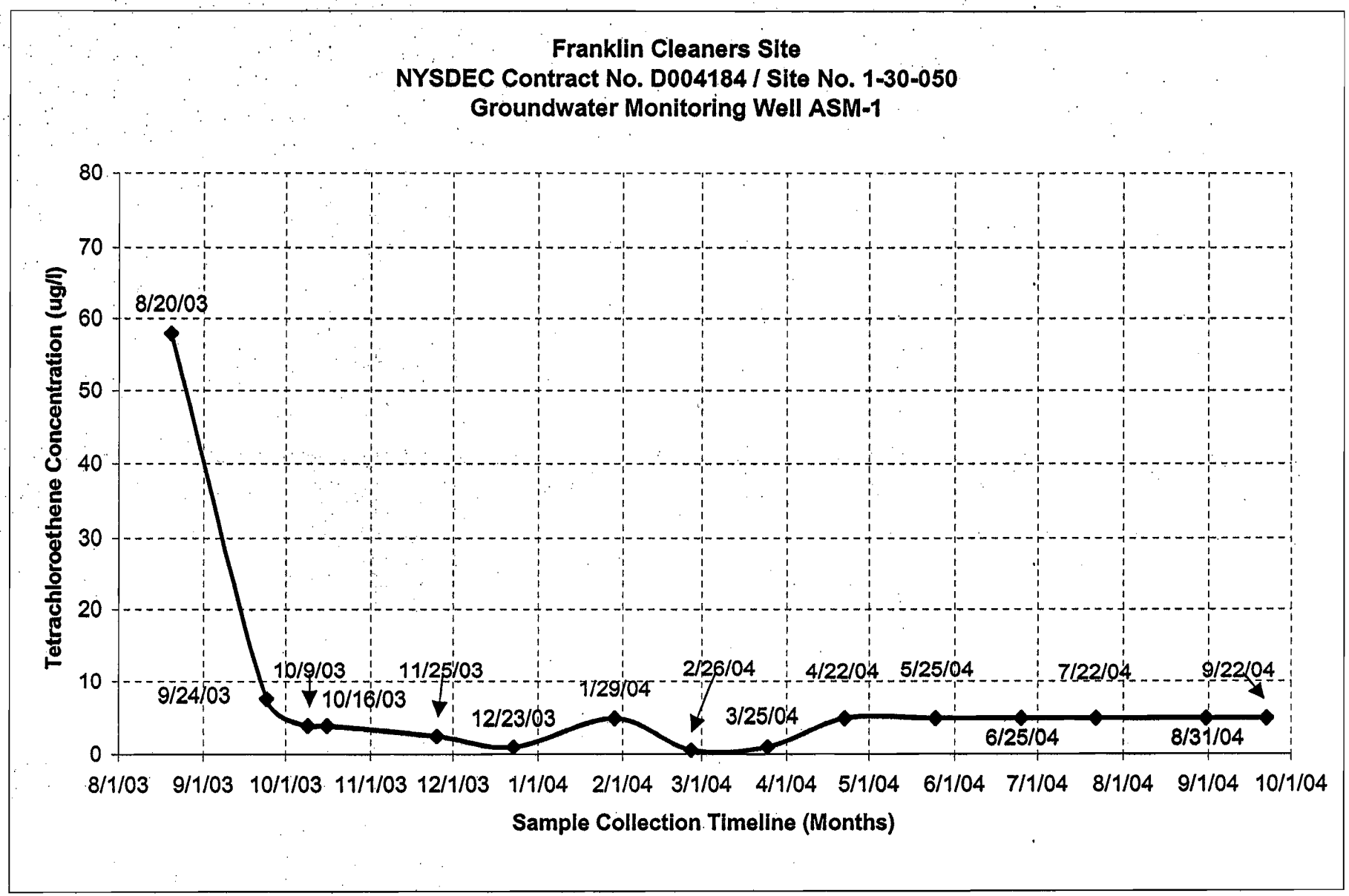
GRAPHS

GRAPH 1



G:/FDevita/Projects/Franklin_Cleaners/NYSDEC Contract No. D004184 - SVE_SPARGE System/Quarterly Reports/Second Quarter/GRAPH 1 - PCE REMOVAL TRENDLINE Chart 1

GRAPH 2


Franklin Cleaners Site
NYSDEC Contract No. D004184 / Site No. 1-30-050
Groundwater Monitoring Well ASM-1
Tetrachloroethene Concentration (ug/l)
80
70
60
50
40
30
20
10
0
8/20/03
9/24/03
10/9/03
10/16/03
11/25/03
12/23/03
1/29/04
2/26/04
3/25/04
4/22/04
5/25/04
6/25/04
7/22/04
8/31/04
9/22/04
8/1/03
9/1/03
10/1/03
11/1/03
12/1/03
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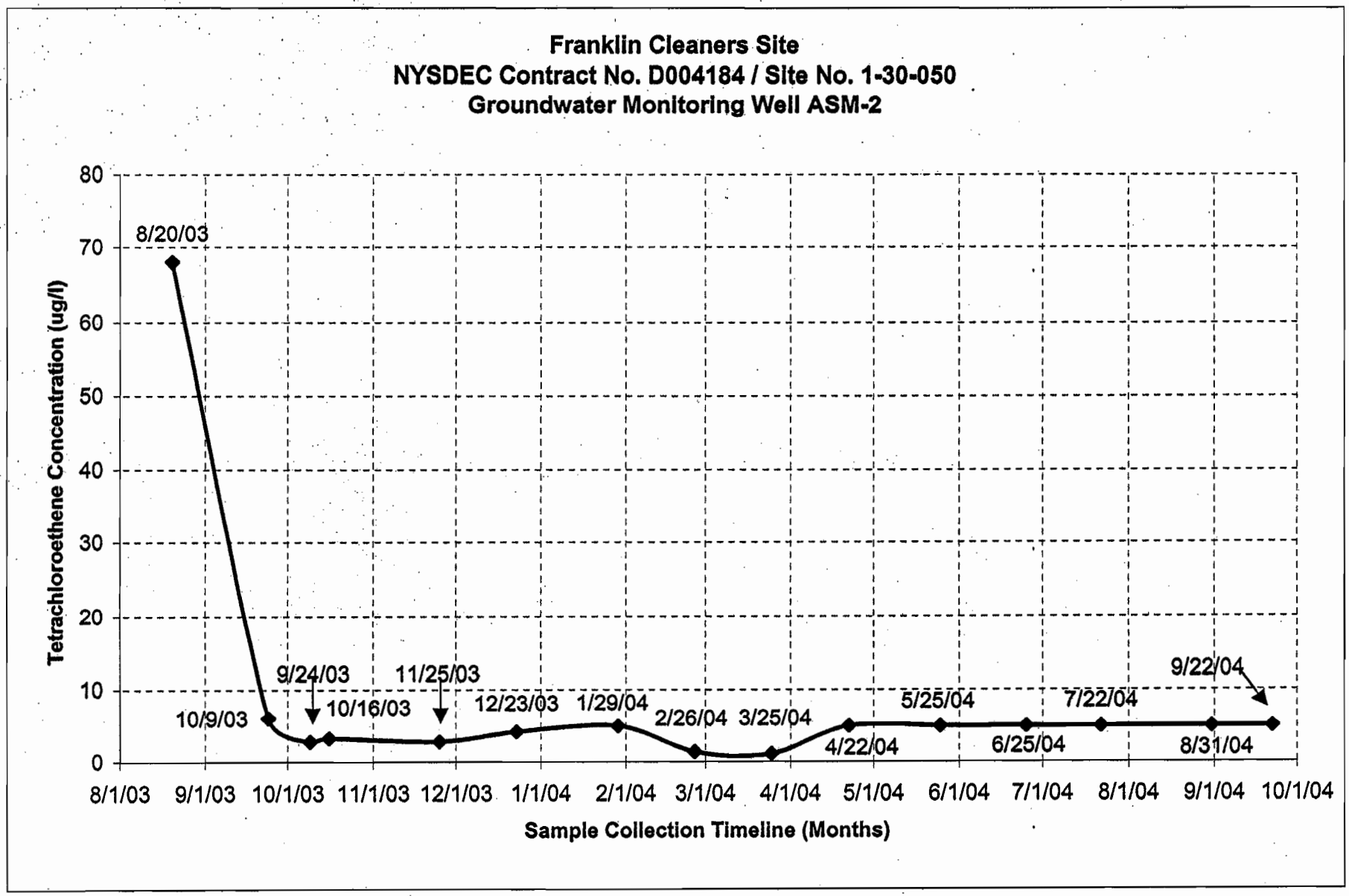
2/1/04
3/1/04
4/1/04
5/1/04
6/1/04
7/1/04
8/1/04
9/1/04
10/1/04
Sample Collection Timeline (Months)

GRAPH 3


Franklin Cleaners Site
NYSDEC Contract No. D004184 / Site No. 1-30-050
Groundwater Monitoring Well ASM-2
Tetrachloroethene Concentration (ug/l)
80
70
60
50
40
30
20
10
0
8/20/03
10/9/03
9/24/03
10/16/03
11/25/03
12/23/03
1/29/04
2/26/04
3/25/04
4/22/04
5/25/04
6/25/04
7/22/04
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9/22/04
8/1/03
9/1/03
10/1/03
11/1/03
12/1/03
1/1/04
2/1/04
3/1/04
4/1/04
5/1/04
6/1/04
7/1/04
8/1/04
9/1/04
10/1/04
Sample Collection Timeline (Months)

TABLES

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	20.0	6.94	13.1	9.06	5.27	13.7
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.006	0.004
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.002	0.039E	0.018E	0.025E
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.050	0.048E	0.063E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	2.72	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.002	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	<0.0005
Chloromethane	.71	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	0.001
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	0.003
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.002	0.089E	0.004	0.004
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.020E	0.146	0.008	0.019E
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.006	0.001	0.001
Tetrachloroethene	1.20	<0.5	<0.5	n/a	0.105E	0.163E	0.329E	1.191E
Toluene	<0.5	<0.5	<0.5	n/a	0.0010	0.016E	0.005	0.008
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	0.001
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	0.001	0.001	0.001
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.003	0.002	0.010E
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.001	0.003

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0011	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0010	<0.5	0.0199E	0.040E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0005	<0.5	0.0358	0.041E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0013	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	0.0017	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	<0.0005	0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.0030	<0.5	0.0017	0.009	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0082	0.006	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.1175E	<0.5	0.3596E	0.001	<0.5	0.87	<0.5	<0.5
Toluene	<0.0005	<0.5	0.0019	0.01	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0009	0.001	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	<0.0005	0.000	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	6.58
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	19.2	13.5	18.5	9.74	<5.00	15.6
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.001	0.040E	<0.0005	0.008
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.037E	0.013E	0.028E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.0005	0.001	0.001	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.0014	0.088E	<0.0005	0.001
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.002	0.122E	<0.0005	0.002
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.006	<0.0005	<0.0005
Tetrachloroethene	1.58	.963	<0.5	n/a	0.076E	0.232E	0.441E	0.392E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.017	0.001	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	0.002	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	0.001	0.001	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.003	<0.0005	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.001	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/2506)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0018	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.010E	<0.5	0.0290E	0.008	<0.5	<0.5	<0.5	<0.5
Benzene	0.006	<0.5	0.0240E	0.010E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0025	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	0.009	3.27	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.009	<0.5	0.0092	0.004	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0131E	0.006	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.040E	<0.5	0.3816E	<0.0005	<0.5	<0.5	<0.5	<0.5
Toluene	<0.0005	<0.5	0.0064	0.006	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0008	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0017	0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVE-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	1.15	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	0.86	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	16.2	13.4	19.9	11.7	23.2	52.8
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0015	0.001	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.004	0.0475E	<0.0005	0.003
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0342E	0.007	0.004
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0003	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	0.001
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.0011	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1.3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	0.0097	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.003	0.0161E	0.001	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.0050	<0.0005	<0.0005
Tetrachloroethene	1.05	1.09	.866	n/a	0.042E	0.2364E	0.425E	0.030E
Toluene	<0.5	<0.5	<0.5	n/a	0.0006	0.0163E	0.001	<0.0005
trans-1.2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0016	0.001	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0026	0.001	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0009	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04*	6/10/04*	6/23/04*
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	0.0011	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0008	0.0010	<0.5	<0.5	<0.5	<0.5
Acetone	<0.0005	<0.5	0.0279E	0.0151E	<0.5	<0.5	<0.5	<0.5
Benzene	<0.0005	<0.5	0.0312E	0.0194E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0008	0.0013	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	0.0008	0.0865E	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0007	0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	<0.0005	<0.5	0.0078	0.0034	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0214E	0.0030	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.0960E	<0.5	0.2238E	0.9127E	0.78	1.28	0.69	28.6
Toluene	<0.0005	<0.5	0.0083	0.0022	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	0.0045	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0019	0.0015	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	<0.0005	0.0008	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Inlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	14.2
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	15.4	12.9	13.6	14.4	24.2	63.0
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	0.009	0.0016	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	0.0018	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.025E	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.165E	0.0027	<0.0005	0.005
Benzene	<0.5	<0.5	<0.5	n/a	0.092E	0.0133E	0.001	0.006
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	0.005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	0.009	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	0.026E	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.020E	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	0.362E	0.0190E	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.010E	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	0.0037	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.667E	0.0092	<0.0005	0.001
MTBE	<0.5	<0.5	<0.5	n/a	0.042E	0.0030	<0.0005	<0.0005
Tetrachloroethene	.809	1.17	.934	n/a	0.755E	0.0392E	0.204E	0.062E
Toluene	<0.5	<0.5	<0.5	n/a	0.058E	0.0065	<0.0005	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.033E	0.0006	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	0.028E	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.053E	0.0009	<0.0005	0.001
Xylene, o	<0.5	<0.5	<0.5	n/a	0.023E	<0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapors	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04*	6/10/04*	6/23/04*
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.006	<0.5	0.0370E	0.0208E	<0.5	<0.5	<0.5	15.9
Benzene	0.005	<0.5	0.0330E	0.0218E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0016	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	3.57	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	<0.0005	<0.5	0.0017	0.0019	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0657E	0.0025	<0.5	<0.5	1.21	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.531E	0.51	0.6870E	0.0024	<0.5	<0.5	4.47	15.8
Toluene	<0.0005	<0.5	0.0019	0.0025	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0014	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 1 (CV-1) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	7.61	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	09/18/2003	09/24/2003	10/02/2003	10/08/2003	10/15/2003	10/23/2003
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	34.1
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	19.4	12.0	18.4	<5.00	36.3	37.5
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	13.1
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	1/14/04	1/30/04	2/11/04	2/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	0.0024	0.0007	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.0006	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.029	0.0164E	0.001	<0.0005
Benzene	<0.5	<0.5	<0.5	n/a	0.058E	0.0358E	0.002	<0.0005
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	0.0007	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.010	0.0016	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.0008	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.009	0.0014	<0.0005	<0.0005
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.011E	0.0043	<0.0005	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	0.006	0.0009	<0.0005	<0.0005
Tetrachloroethene	.912	1.06	.653	n/a	0.866E	0.3208E	0.345E	0.204E
Toluene	<0.5	<0.5	<0.5	n/a	0.012E	0.0024	<0.0005	<0.0005
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.051E	0.0009	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	0.0016	<0.0005	<0.0005	<0.0005

n/a = not available: ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	4/7/04	4/21/04	5/6/04*	5/24/04*	6/10/04*	6/23/04*
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	0.0005	0.0008	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0009	<0.5	0.0505E	0.0113E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0005	<0.5	0.0169E	0.0326E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0005	0.0021	<0.5	<0.5	<0.5	<0.5
Chloromethane	0.0163E	<0.5	0.0137E	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0017	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	<0.0005	<0.5	0.0089	0.0023	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0633E	0.0010	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	1.4169E	<0.5	0.6470E	0.9261E	<0.5	0.67	4.8	41.6
Toluene	<0.0005	<0.5	0.0713E	0.0035	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0016	0.0023	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0046	0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0016	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: Carbon Vessel 2 (CV-2) Outlet

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	2.18	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	09/18/03	09/24/03	10/02/03	10/08/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	6.15	<5.00	7.57	<5.00	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0007	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.001	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.003	<0.0005	0.005	0.005
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0238	0.005	0.003
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0625E	<0.0005	0.002
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0007	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	0.023E	0.002
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.0013	0.0075	<0.0005	0.003
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	0.0023	<0.0005	<0.0005
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	0.004	0.2874E	0.009	0.335E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0126E	<0.0005	0.001
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0018	<0.0005	0.001
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0005	<0.0005	<0.0005

n/a = not available: ELS laboratory instrument failure
As of 1/14.04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0143E	<0.5	0.0017E	0.0089	<0.5	<0.5	<0.5	<0.5
Benzene	0.0199E	<0.5	0.0160E	0.0415E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	0.0058	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.1711E	<0.5	0.0019	0.0011	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	0.0006	<0.5	0.0030	0.0019	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.1746E	<0.5	0.1895E	<0.0005	<0.5	0.60	<0.5	<0.5
Toluene	0.0012	<0.5	0.0041	0.0017	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0019	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0008	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-1

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1.3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.0018	0.0226E	0.002	0.017E
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0032	0.003	0.019E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0010	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
cis-1.3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0016	<0.0005	0.001
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.0131	0.0883E	0.003	0.009
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.0008	<0.0005	<0.0005	0.007
MTBE	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	0.000
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	0.2395E	0.006	0.108E
Toluene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0069	<0.0005	0.002
trans-1.2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	<0.0005	0.0041	<0.0005	0.002
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	0.0013	<0.0005	0.001

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-2

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/10/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0646E	<0.5	0.0209E	0.0071	<0.5	<0.5	<0.5	<0.5
Benzene	0.0095	<0.5	0.0386E	0.0144E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	0.0026	<0.5	<0.5	<0.5	0.78
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.4832E	<0.5	0.0039	0.0022	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0034	<0.0005	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.0250E	<0.5	0.0488E	<0.0005	<0.5	<0.5	<0.5	<0.5
Toluene	0.0014	<0.5	0.0087	0.0020	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0013	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Tetrachloroethene	6.95	<5.00	<5.00	16.1	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	0.093E	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.055E	0.0640E	0.002	0.017E
Benzene	<0.5	<0.5	<0.5	n/a	0.046E	0.0521E	0.005	0.022E
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	0.004	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	0.0012	0.0007	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0006	<0.0005	0.002
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	0.050E	0.0008	<0.0005	0.001
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.022	0.1115E	0.003	0.002
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.011E	0.0174E	<0.0005	0.004
MTBE	<0.5	<0.5	<0.5	n/a	0.012E	0.0055	<0.0005	<0.0005
Tetrachloroethene	<0.5	<0.5	<0.5	n/a	0.031E	0.3028E	0.018E	0.075E
Toluene	<0.5	<0.5	<0.5	n/a	0.090E	0.0128E	0.001	0.002
trans-1.2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	0.009	0.0010	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	0.0010	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.210E	0.0021	<0.0005	0.002
Xylene, o	<0.5	<0.5	<0.5	n/a	0.102E	0.007	<0.0005	0.001

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0105E	<0.5	0.0214E	0.0233E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0162E	<0.5	0.0358E	0.0395E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.0125E	<0.5	0.0053	0.0040	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0064	0.0054	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.0394E	<0.5	0.1863E	<0.0005	<0.5	<0.5	<0.5	<0.5
Toluene	0.0009	<0.5	0.0041	0.0056	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0010	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.

E=result exceeds calibration range, estimated value.

*Analysis performed by Con-Test due to equipment failure at Chemtech

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-3

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Initial SVE Operating Period (42 Days: 9/9/03 thru 10/20/03)					
Matrix: Vapor	9/18/03	9/24/03	10/2/03	10/8/03	10/15/03	10/23/03
	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L	µg/10L
1,1,1-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2,2-Tetrachloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1,2-Trichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,1-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,2-Dichloropropane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,3-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
1,4-Dichlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Acetone	<5.00	<5.00	<5.00	<5.00	<5.00	9.20
Benzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Carbon Tetrachloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorobenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroform	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Ethylbenzene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methyl Ethyl Ketone (MEK)	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
MTBE	<5.00	<5.00	<5.00	<5.00	<5.00	9.68
Tetrachloroethene	13.8	5.36	5.48	5.22	<5.00	<5.00
Toluene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,2-Dichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichloroethene	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Trichlorofluoromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Vinyl Chloride	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, m+p	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Xylene, o	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Note: Results are reported per 10L (Tenax tube volume).

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	11/12/03	11/26/03	12/10/03	12/22/03	01/14/04	01/30/04	02/11/04	02/25/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,1-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichloropropane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Acetone	<0.5	<0.5	<0.5	n/a	0.010	<0.0005	0.003	0.008
Benzene	<0.5	<0.5	<0.5	n/a	<0.0005	0.0216E	0.008	0.005
Bromodichloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromoform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Bromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Carbon Tetrachloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorobenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chlorodibromomethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroethane	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloroform	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Chloromethane	<0.5	<0.5	<0.5	n/a	<0.0005	0.0064	<0.0005	<0.0005
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Ethylbenzene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
MEK (2-Butanone)	<0.5	<0.5	<0.5	n/a	0.002	0.2117E	0.010	0.003
Methylene Chloride	<0.5	<0.5	<0.5	n/a	0.005	0.0047	0.002	<0.0005
MTBE	<0.5	<0.5	<0.5	n/a	0.0006	0.0014	<0.0005	<0.0005
Tetrachloroethene	1.13	<0.5	<0.5	n/a	0.005	0.2774E	0.085E	0.043E
Toluene	<0.5	<0.5	<0.5	n/a	0.0018	0.0030	0.002	<0.0005
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichloroethene	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Trichlorofluoromethane	<0.5	<0.5	<0.5	n/a	<0.0007	<0.0007	<0.0007	<0.0007
Vinyl Chloride	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005
Xylene, m+p	<0.5	<0.5	<0.5	n/a	0.0007	0.0008	0.001	<0.0005
Xylene, o	<0.5	<0.5	<0.5	n/a	<0.0005	<0.0005	<0.0005	<0.0005

n/a = not available; ELS laboratory instrument failure
As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	3/11/04	3/24/04*	04/07/04	04/21/04	5/6/04*	5/24/04	6/10/04	6/23/04
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5
Acetone	0.0274E	<0.5	0.0137E	0.0188E	<0.5	<0.5	<0.5	<0.5
Benzene	0.0033	<0.5	0.0139E	0.0451E	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromoform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Bromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloroethane	<0.0005	<0.5	<0.0005	0.0007	<0.5	<0.5	<0.5	<0.5
Chloroform	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Chloromethane	0.0027	<0.5	0.0150E	<0.0005	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.0005	<0.5	0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
MEK (2-Butanone)	0.6183E	<0.5	0.0019	0.0029	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<0.0005	<0.5	0.0055	0.0021	<0.5	<0.5	<0.5	<0.5
MTBE	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.3146E	<0.5	0.0785E	<0.0005	0.5	<0.5	<0.5	<0.5
Toluene	<0.0005	<0.5	0.0103E	0.0030	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichloroethene	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	<0.0007	<0.5	<0.0007	<0.0007	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	<0.0005	<0.5	<0.0005	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, m+p	<0.0005	<0.5	0.0014	<0.0005	<0.5	<0.5	<0.5	<0.5
Xylene, o	<0.0005	<0.5	0.0006	<0.0005	<0.5	<0.5	<0.5	<0.5

As of 1/14/04, vapor samples analyzed by Chemtech.
E=result exceeds calibration range, estimated value.
*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 1

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Vapor Analytical Results: SVM-4

Volatile Organic Compounds Method T0-1	Routine SVE Operating Period (34 Months: 10/21/03 thru 8/25/06)							
Matrix: Vapor	7/7/04*	7/21/04*	8/12/04*	8/30/04*	9/9/04*	9/22/04*		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,1-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,3-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
1,4-Dichlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Acetone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromodichloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromoform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Bromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Carbon Tetrachloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorobenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chlorodibromomethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloroform	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Chloromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MEK (2-Butanone)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Methylene Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MTBE	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Tetrachloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Trichlorofluoromethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Vinyl Chloride	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, m+p	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Xylene, o	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

As of 1/14/04, vapor samples analyzed by Chemtech.

*Analysis performed by Con-Test due to equipment failure at Chemtech

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-1

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	7/22/04
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dichlorodifluromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
,1,2-Trichlorotrifluoroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	<25	<25	<25	<25	5.7JB	<25	<25	<25	<25
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl Ether	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl Acetate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
rans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
-Butanone	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
is-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
romodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
-Methyl-2-Pentanone	<25	<25	<25	<25	<25	<25	<25	<25	<25
oluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
s-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexanone	<25	<25	<25	<25	<25	<25	<25	<25	<25
ibromochloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Dibromoethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
etrachloroethene	2.5J	1.0J	<5.0	0.59J	1.0J	<5.0	<5.0	<5.0	<5.0
hlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
hylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
/P-Xylenes	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-1

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	7/22/04
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
O-Xylene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichalorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-Chloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Metals Analyses Method 200.7	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Iron	838	96.4	550	520	342	21700	3020	3850	2450
Manganese	34.3	6.0	22.5	27.4	18.2	885	116	805	327

NA = Not Analyzed
J = estimated detection above specified detection
*samples collected on October 24, 2003

NA = Not Analyzed
J = estimated detection above specified detection limit
B = analyte found in trip blank

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-1

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	8/31/04	9/22/04							
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dichlorodifluromethane	<5.0	<5.0							
Chloromethane	<5.0	<5.0							
Vinyl Chloride	<5.0	<5.0							
Bromomethane	<5.0	<5.0							
Chloroethane	<5.0	<5.0							
Trichlorofluoromethane	<5.0	<5.0							
1,1,2-Trichlorotrifluoroethane	<5.0	<5.0							
1,1-Dichloroethene	<5.0	<5.0							
Acetone	<25	<25							
Carbon Disulfide	<5.0	<5.0							
Methyl tert-butyl Ether	<5.0	<5.0							
Methyl Acetate	<5.0	<5.0							
Methylene Chloride	<5.0	<5.0							
trans-1,2-Dichloroethene	<5.0	<5.0							
1,1-Dichloroethane	<5.0	<5.0							
Cyclohexane	<5.0	<5.0							
2-Butanone	<25	<25							
Carbon Tetrachloride	<5.0	<5.0							
cis-1,2-Dichloroethene	<5.0	<5.0							
Chloroform	<5.0	<5.0							
1,1,1-Trichloroethane	<5.0	<5.0							
Methylcyclohexane	<5.0	<5.0							
Benzene	<5.0	<5.0							
1,2-Dichloroethane	<5.0	<5.0							
Trichloroethene	<5.0	<5.0							
1,2-Dichloropropane	<5.0	<5.0							
Bromodichloromethane	<5.0	<5.0							
4-Methyl-2-Pentanone	<25	<25							
Toluene	<5.0	<5.0							
t-1,3-Dichloropropene	<5.0	<5.0							
cis-1,3-Dichloropropene	<5.0	<5.0							
1,1,2-Trichloroethane	<5.0	<5.0							
2-Hexanone	<25	<25							
Dibromochloromethane	<5.0	<5.0							
1,2-Dibromoethane	<5.0	<5.0							
Tetrachloroethene	<5.0	<5.0							
Chlorobenzene	<5.0	<5.0							
Ethylbenzene	<5.0	<5.0							
M/P-Xylenes	<5.0	<5.0							

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-1

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	8/31/04	9/22/04							
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
O-Xylene	<5.0	<5.0							
Styrene	<5.0	<5.0							
Bromoform	<5.0	<5.0							
Isopropylbenzene	<5.0	<5.0							
1,1,2,2-Tetrachloroethane	<5.0	<5.0							
1,3-Dichlorobenzene	<5.0	<5.0							
1,4-Dichlorobenzene	<5.0	<5.0							
1,2-Dichalorobenzene	<5.0	<5.0							
1,2-Dibromo-3-Chloropropane	<5.0	<5.0							
1,2,4-Trichlorobenzene	<5.0	<5.0							
Metals Analyses Method 200.7	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Iron	24300	1850							
Manganese	901	175							

NA = Not Analyzed
J = estimated detection above specified detection
*samples collected on October 24, 2003

NA = Not Analyzed
J = estimated detection above specified detection limit
B = analyte found in trip blank

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-2

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	7/22/04
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dichlorodifluromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichlorotrifluoroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	<25	<25	<25	<25	6.3JB	<25	<25	<25	<25
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl tert-butyl Ether	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl Acetate	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
rans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylcyclohexane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-Pentanone	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	2.8J	4.2J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
M/P-Xylenes	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-2

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	11/25/03	12/23/03	1/29/04	2/26/04	3/25/04	4/22/04	5/25/04	6/25/04	7/22/04
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
O-Xylene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichalorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-Chloropropane	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Metals Analyses Method 200.7	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Iron	2170	285	179	158	115	11500	3820	2770	3920
Manganese	77.0	189	5.3	12.6	3.8J	587	110	607	1340

NA = Not Analyzed

J = estimated detection above specified detection

samples collected on October 24, 2003

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-2

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	8/31/04	9/22/04							
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dichlorodifluromethane	<5.0	<5.0							
Chloromethane	<5.0	<5.0							
Vinyl Chloride	<5.0	<5.0							
Bromomethane	<5.0	<5.0							
Chloroethane	<5.0	<5.0							
Trichlorofluoromethane	<5.0	<5.0							
1,1,2-Trichlorotrifluoroethane	<5.0	<5.0							
1,1-Dichloroethene	<5.0	<5.0							
Acetone	<25	<25							
Carbon Disulfide	<5.0	<5.0							
Methyl tert-butyl Ether	<5.0	<5.0							
Methyl Acetate	<5.0	<5.0							
Methylene Chloride	<5.0	<5.0							
trans-1,2-Dichloroethene	<5.0	<5.0							
1,1-Dichloroethane	<5.0	<5.0							
Cyclohexane	<5.0	<5.0							
2-Butanone	<25	<25							
Carbon Tetrachloride	<5.0	<5.0							
cis-1,2-Dichloroethene	<5.0	<5.0							
Chloroform	<5.0	<5.0							
1,1,1-Trichloroethane	<5.0	<5.0							
Methylcyclohexane	<5.0	<5.0							
Benzene	<5.0	<5.0							
1,2-Dichloroethane	<5.0	<5.0							
Trichloroethene	<5.0	<5.0							
1,2-Dichloropropane	<5.0	<5.0							
Bromodichloromethane	<5.0	<5.0							
4-Methyl-2-Pentanone	<25	<25							
Toluene	<5.0	<5.0							
t-1,3-Dichloropropene	<5.0	<5.0							
cis-1,3-Dichloropropene	<5.0	<5.0							
1,1,2-Trichloroethane	<5.0	<5.0							
2-Hexanone	<25	<25							
Dibromochloromethane	<5.0	<5.0							
1,2-Dibromoethane	<5.0	<5.0							
Tetrachloroethene	<5.0	<5.0							
Chlorobenzene	<5.0	<5.0							
Ethylbenzene	<5.0	<5.0							
M/P-Xylenes	<5.0	<5.0							

Table 2

NYSDEC Contract No. D004184
Franklin Cleaners, Hempstead, NY
Summary of Groundwater Analytical Results: ASM-2

Matrix: Groundwater	Routine AS Operating Period (34 Months: 10/21/03 thru 8/25/06)								
	8/31/04	9/22/04							
Volatile Organic Compounds Method OLM04-2	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
O-Xylene	<5.0	<5.0							
Styrene	<5.0	<5.0							
Bromoform	<5.0	<5.0							
Isopropylbenzene	<5.0	<5.0							
1,1,2,2-Tetrachloroethane	<5.0	<5.0							
1,3-Dichlorobenzene	<5.0	<5.0							
1,4-Dichlorobenzene	<5.0	<5.0							
1,2-Dichalorobenzene	<5.0	<5.0							
1,2-Dibromo-3-Chloropropane	<5.0	<5.0							
1,2,4-Trichlorobenzene	<5.0	<5.0							
Metals Analyses Method 200.7	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Iron	19000	2310							
Manganese	598	198							

NA = Not Analyzed

J = estimated detection above specified detection

*samples collected on October 24, 2003

ATTACHMENT A

SOIL VAPOR EXTRACTION
SYSTEM DOWNTIME FORMS

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Ray Lopez (1) Performance Test (2) Initial (3) Routine
Company: Envirospect

System down on arrival? No (Yes) Date 8/16/04 Time 14:55

SVE Blower Run Time (hours): _____ at _____ (EXTREMELY IMPORTANT!!!)
Current Reading (Cumulative) time

Down-time Begins: **Date:** 8/15/04 **Time:** 13:34 (System page)

Description of Cause(s):

Power outage due to weather. (Hurrican Charlie residual effects.)

34 min (0.0166) = 0.56 hrs.

24.00
-13.56 hrs run time
10.44 hrs down time

Corrective Action(s) Taken:
Ray reset the systems & checked site/wells, and monitored system.

24.00
-15.23 hrs. down time
8.77 hrs runtime 8/16/04

10.44
15.23
25.67 total down time

System down on departure? No Yes: Date _____ Time _____

Down-time Ends: **Date:** 8/16/04 **Time:** 15:14

SVE Blower Run Time (hours): _____ at _____ (EXTREMELY IMPORTANT!!!)
Current Reading (Cumulative) time

Total Down-Time for this period: 25.67 (hours) 8/15/04 to 8/16/04

Completed form must be included in each SVE Report (when applicable).

NYSDEC - Franklin Cleaners
Soil Vapor Extraction (SVE) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: _____ (1) Performance Test (2) Initial (3) Routine

Company: Envirospect

System down on arrival? No (Yes:) Date 9/27/04 Time _____

SVE Blower Run Time (hours): 08739.6 (Current Reading (Cumulative)) at 12:57 (time) (EXTREMELY IMPORTANT!!!)

Down-time Begins: **Date:** 9/26/04 **Time:** 12:18 *

Description of Cause(s):
Low voltage message from system.

(* estimated date + time of shut down - will be confirmed when system auto dialer phone bill becomes available to view page-out date and time.)

Corrective Action(s) Taken:
Shut off main power switch to system, waited 10 seconds + restarted SVE system only. (AS system is to remain off!)
- waited one hour + system remained running. LIPA advised that problems were reported in the area (transformer out of service, overload.); will dispatch a service call to check it out.

System down on departure? No Yes: Date _____ Time _____

Down-time Ends: **Date:** 9/27/04 **Time:** 12:51

SVE Blower Run Time (hours): 08740.6 (Current Reading (Cumulative)) at 13:51 (time) (EXTREMELY IMPORTANT!!!)

Total Down-Time for this period: 24.55 (hours)

Completed form must be included in each SVE Report (when applicable).

AIR SPARGING SYSTEM DOWNTIME FORMS

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one): (1) Performance Test (2) Initial **(3) Routine** (circled)

Technician: Tom Gmmacai

Company: Envirospect

System down on arrival? **No** (circled) Yes: Date ______ Time ______

Hour Meter Reading: 6235.2 at 1342 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Down-time Begins: **Date:** 07/21/04 **Time:** 1342
(this may have to be determined by office if not known on site)

Description of Cause(s)

Routine shut down for groundwater event.

42 min (0.0166) = 0.70 hrs

24.00
−13.70 run time

10.30 hrs down time 7/21/04

Corrective Action(s) Taken:

N/A

(restarted system after gw event on July 22, 2004)

System down on departure? No **Yes** (circled): Date 07/21/04 Time 1342

Down-time Ends: **Date:** 07/22/04 **Time:** 1121

Hour Meter Reading: 6235.3 at 1121 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Total Down-Time for this period: 21.65 *(hours)*

(12.65 hrs run time on 7/22)

Completed form must be included in each Air Sparging Report (when applicable).

21 min (0.0166) = 0.35 hrs 24.00
−11.35

NYSDEC - Franklin Cleaners

Air Sparging (AS) System

Down-Time Form

System Phase / Operating Period (circle one):

Technician: Ray Lopez (1) Performance Test (2) Initial (3) Routine

Company: Envirospect

System down on arrival? No Yes: Date 8/16/04 Time 14:55

Hour Meter Reading: _____ at _____ (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Down-time Begins: **Date:** 8/15/04 **Time:** 13:34
(this may have to be determined by office if not known on site) (page-out)

Description of Cause(s)

power outage due to weather (storms)

34 min (0.0167) = 0.56 hrs
(13.56 hrs run time) 8/15/04

24.00
-13.56
10.44 hrs down time 8/15/04

Corrective Action(s) Taken:

reset the systems

24.00
-15.23 down time
8.77 run time 8/16/04

10.44
15.23
25.67 total down time

System down on departure? No Yes: Date _____ Time _____

Down-time Ends: **Date:** 8/16/04 **Time:** 15:14

Hour Meter Reading: _____ at _____ (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Total Down-Time for this period: 25.67 (8/15 to 8/16)
(hours)

Completed form must be included in each Air Sparging Report (when applicable).

NYSDEC - Franklin Cleaners

Air Sparging (AS) System

Down-Time Form

Technician: THOMAS GRIMALDI
Company: ENVIROSPECT

System Phase / Operating Period (circle one):
(1) Performance Test (2) Initial (3) Routine

System down on arrival? (No) Yes: Date _____ Time _____

Hour Meter Reading: 7156.4 at 1733 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

Down-time Begins: **Date:** 08/30/04 **Time:** 1733
(this may have to be determined by office if not known on site)

Description of Cause(s)

ROUTINE SHUT DOWN FOR GROUND WATER EVENT OCCURRING 08/31/04.

AS SYSTEM SHALL REMAIN OFF AS PER MICHELLE SWIDOWSKI.

Corrective Action(s) Taken:

System down on departure? No (Yes: Date) 08/31/04 Time 1730

Down-time Ends: **Date:** N/A **Time:**

Hour Meter Reading: 7156.4 at 08/31/04 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

1200 Hrs.

Total Down-Time for this period: 30.50 (hours)

Aug 15/16 = 25.67
Aug 30/31 = 30.50
56.17 total Aug 2004

Completed form must be included in each Air Sparging Report (when applicable).

NYSDEC - Franklin Cleaners
Air Sparging (AS) System
Down-Time Form

System Phase / Operating Period (circle one):

Technician: Jon Sommo (1) Performance Test (2) Initial (3) Routine

Company: Envirosperf

System down on arrival? No (Yes:) Date 9/22/04 Time 11:00

Hour Meter Reading: 7156.4 at 11:10 (EXTREMELY IMPORTANT!!!!)
(AS blower) Current Reading (Cumulative) time

***Down-time Begin* Date:** Aug. 30, 2004 **Time:** 17:33
(this may have to be determined by office if not known on site)

Description of Cause(s)
AS System turned off Aug 30, 2004 per NYSDEC + Engineer's instructions.
AS System to remain off until further notice.

Corrective Action(s) Taken:
none. (n/a)

System down on departure? No (Yes:) Date 9/22/04 Time 14:00

***Down-time Ends:* Date:** n/a **Time:** n/a

Hour Meter Reading: 7156.4 at 14:00 (EXTREMELY IMPORTANT!!!!)
AS blower) Current Reading (Cumulative) time

Total Down-Time for this period: 720 (hours)
Sept. 1 to 30, 2004

Completed form must be included in each Air Sparging Report (when applicable).

Project #K0122

Dvirka and Bartilucci
CONSULTING ENGINEERS

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516-364-9890 • 718-460-3634 • Fax: 516-364-9045
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April 16, 2007

Jeffery E. Trad, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Franklin Cleaners Site (Site No. 1-30-050)
D&B Work Assignment No. D004446-01
Source Area Active Sub-Slab Depressurization System
Construction Inspection Report
D&B No. 2603

Dear Mr. Trad:

The purpose of this letter is to summarize activities completed in support of the installation of the active sub-slab depressurization (SSD) system at the Franklin Cleaners Site Source Area Property, located at 206-208 South Franklin Street in the Incorporated Village of Hempstead, Nassau County, New York. As per the direction of the NYSDEC, the active sub-slab depressurization system was installed to address concentrations of volatile organic compounds (VOCs) that were detected in the soil vapor immediately beneath the basement building floor slab following the decommissioning of the soil vapor extraction system at the site. Presented below is a summary of all activities conducted during the installation of the active SSD system, including installation, start-up and performance testing of the system.

Construction Oversight

Installation of the active sub-slab depressurization system was performed under subcontract to EnviroTrac, Ltd. during the period of January 9, 2007 through January 19, 2007. Dvirka and Bartilucci Consulting Engineers (D&B) was on-site for the entire duration of the installation to ensure all construction was performed in compliance with the design specifications and the subcontractor's approved System Implementation Plan. Daily construction reports were prepared by D&B throughout duration of the work documenting daily construction activities, on-site visitors and important conversations, Contractor's on-site

personnel, material and equipment utilized to perform the Work, and any unusual circumstances encountered such as weather conditions, differing site conditions and environmental issues. Copies of the daily construction reports are provided in Attachment A. Construction photographs taken throughout the installation process to document existing site condition, work progression and work completion are provided in Attachment B.

Suction Point Installation

A total of four sub-slab depressurization suction points (SDP-1 through SDP-4) were installed through the existing concrete floor slab. The location of each sub-slab depressurization point was pre-determined based on data collected during a pre-installation pilot test, conducted October 9, 2006, defining radius of influence given the respective air flow and vacuum at each well head. Refer to Figure 1 in Attachment C for approximate locations of each suction point.

All the points were installed by core drilling a 6-inch diameter hole through the concrete to the sub-slab soil beneath the basement floor slab. The soil beneath each point was then excavated to a total depth of approximately 18-inches from the top of the basement floor slab. Each installed suction point includes the following: Schedule (SCH) 40 polyvinyl chloride (PVC) dome cap; 3-inch diameter, 0.02 slot SCH 40 PVC screen; 3-inch diameter SCH 40 PVC pipe and fitting; a 3-inch diameter SCH 40 PVC ball valve; and a liquid filled manometer. The space around the below grade piping was filled with No. 2 well gravel to the bottom of the basement floor slab and the annular space between the suction point piping and the floor slab was sealed with 5,000 pounds per square inch (psi), fast-setting, Sakrete concrete. Refer to Figure 2 in Attachment C for an as-built suction point well head detail.

Discharge Piping and Equipment Installation

Each of the suction points were connected to common discharge headers installed horizontally along the bottom of the basement ceiling joists. Each common header (total of two) was routed to the building exterior through a penetration on the eastern foundation wall, directly above the basement stairwell. Each header was equipped with a centrifugal fan (Model No. HP190 as manufactured by Fantech) mounted on the exterior building wall. Each fan was equipped with flexible connections to allow for easy access if maintenance is required and condensate bypass fittings to prevent condensate from entering into the fan. All horizontal and vertical discharge pipe runs were secured with uni-strut channel and straps every 6-feet and 8-feet, respectively, and routed such that it would not interfere with normal operations in the basement. Additionally, horizontal pipe runs were sloped in a manner to ensure that condensate drains downward into the ground beneath the slab.

Each common header was joined together after the fans into a 4-inch diameter SCH 40 PVC discharge pipe. The discharge pipe was routed along the exterior of the building and terminated approximately 1-foot above the highest extent of the roof. A 4-inch diameter rain cap was installed at the discharge point. The location for the discharge stack was installed in accordance with all requirements stated in the design specifications.

Electrical Work

The electrical work was completed to provide power to the fans mounted on the exterior side of the basement wall. Flexible electrical conduit and wire was routed from the building owner's electric distribution panel, located in the northwest corner of the basement, to the two blowers located on the exterior basement wall. A disconnect switch with locking cover was then installed on the interior side of the rear basement wall, as a means for disconnecting the fans in the event of an emergency or maintenance event.

Concrete Restoration

Upon completion of the system installation the entire extent of the existing concrete floor slab was inspected to identify all holes and cracks. All holes and cracks identified were filled with 5000 psi, fast-setting, Sakrete concrete to ensure an adequate seal throughout the basement floor slab, therefore minimizing the potential for short-circuiting of the active SSD system.

System Start-Up and Testing

Prior to starting up the active sub-slab depressurization system, all components of the system were inspected to verify the integrity of the installation and ensure that all parts of the system would operate as expected. After the system was inspected, both fans were turned on and operated for a minimum period of two hours. A total of ten temporary vacuum monitoring points were then installed through the basement concrete floor slab, to monitor and ensure that the SSD system was achieving a minimum required vacuum of 0.004 inches of water column (1 pascal). Each temporary monitoring point was constructed of 3/8-inch diameter PVC tubing and sealed at the surface of the floor slab with urethane based caulking.

Each point was monitored using a hand held digital manometer. Based on the results of the post-installation monitoring, each point successfully sustained a minimum negative pressure of 0.004 inches of water. Refer to Figure 3 in Attachment C for results of post-installation monitoring documenting negative pressures recorded at each monitoring point.

Out of Scope Work

- ***Condensate Trap***

  Approximately 7 days after successfully starting up the system, a build-up of condensate was observed within the installed discharge piping, ultimately hindering the performance of the system. As a result, per the approval of the NYSDEC, a condensate trap was installed at the low point of the discharge piping to allow condensate to drain downward into the ground beneath the slab. The condensate trap was constructed with ½-inch SCH 80 PVC pipe in an S-type configuration secured to the existing foundation wall with a uni-strut channel, uni-strut straps and concrete wedge anchors. The space between the pipe and the concrete floor slab was sealed with a silicone based sealant.

- ***Electric Work***

  After successfully wiring the fans to the electric panel originally designated for the installation of the active SSD system, the building owner requested that the wiring be relocated to an alternate electric panel located in the northwest corner of the building basement. As a result, per the approval of the NYSDEC, new flexible electrical conduit and wire was run from the fan disconnect switches to the alternate electric panel.

Performance Monitoring

After approximately one-month of operation, a visual inspection of the complete system was conducted on February 28, 2007 to identify any leaks in the system, as well as to verify that no air intakes were installed within the vicinity of the system discharge point. Results of the inspection did not identify any leaks in the complete system, nor where there any air intakes located in the vicinity of the system discharge point. At the time of this inspection, indoor air quality was also measured using passive air sampling devices in select locations throughout the existing building. A letter report documenting the results of the indoor air sampling will be submitted under separate cover.

Attached for your records, please find enclosed a copy of the Operations and Maintenance (O&M) Manual, as prepared by EnviroTrac, Ltd. in accordance with the design specifications, documenting the general system description, system operating procedures, emergency shut down procedures, deviations from the original design, as well as warrantees for both the system construction and the system fans.

Please do not hesitate to call me at (516) 364-9890 if you have any questions.

Very truly yours,

Frank DeVita
Project Manager

FD/PSM(t)/tp
Attachments
cc: P. Martorano (D&B)
♦2603\FD03307JT-LTR(R02)

ATTACHMENT A

DAILY CONSTRUCTION REPORTS

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 09, 2007

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun X	Clear	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	1
HUMIDITY	Dry X	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	SSD System Installer; Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks
08:30	Frank DeVita	D&B Engineers (Project Manager)	

EQUIPMENT AT THE SITE:

6" diameter core drill

MATERIALS:

4" and 3" SCH 40 PVC Charlotte Pipe NE TrueFit System, 7300, Type 1, ASTM D-2665 (3" PVC cap, 3" PVC coupling)
3" SCH40 PVC, 0.02 slot, well screen
U.S. Silica Company Filpro Superior Quartz Filtration Sand

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 1

NYSDEC # 1-30-050 DATE 1/09/2007

CONSTRUCTION ACTIVITIES:
08:30 - Lock on building door will not open. Building owner came down to open.
- Was told by owner that someone would come @ 9:30 to open the door.
- EnviroTrac decommissioning 2" PVC exhaust for temporary blower in basement.
- Decided to route effluent piping up chimney, then along roof 10' West, then up at least 12-inches above roof.
- Got access to basement; scope out work to be completed.
- Marked all holes to be sealed throughout basement.
10:30 – Core drilled SDP-2 (~4.5" concrete to subsoil), 6" diameter hole
- First hole seemed to have additional concrete below foundation. Moving SDP-2 NW of initial hole.
- Core drilled through concrete at second hole. Concrete ~4.5". Sub-soil is very compacted.
11:30 – Removed ~ 14" soil (18" total depth from top of slab) for SDP-2.
- Installed point w/3" cap, 1 foot 3" screen, 3" coupling, and 3" PVC to ceiling.
11:45 – Drilled SDP-1 (typical to SDP-2)
12:00 – Drilled SDP-4 (typical to SDP-2)
12:30 – Drilled SDP-3 (typical to SDP-2)
12:40 – Resetting SDP-2 (not level)
12:45 – Excavating soil for SDP-1. Remove ~14" (18" total depth from top of slab). Installed Point w/3" cap, 1 foot 3" screen, 3" coupling, 3" PVC to ceiling.
13:10 – Excavated soil for SDP-3. Installed point similar to others.
13:30 – Installed SDP-4 similar to others.
14:30 – EnviroTrac scope out piping runs from extraction points.
- Going to install part of 4" PVC exhaust piping on the roof.
- Attached 4" PVC exhaust pipe to roof, chimney and upper roof. ~15 feet from chimney and ~12 feet from the adjacent house. Exhaust stack 3.5' from top of roof.
- P.Martorano offsite @ 15:30

DISTRIBUTION 1 Proj. Mgr.
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3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 10, 2007

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	2
HUMIDITY	Dry X	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	SSD System Installer; Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

(4) 3" PVC IPS 150 PSI Water ball valve – Buna.

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 2

NYSDEC # 1-30-050 DATE 1/10/2007

CONSTRUCTION ACTIVITIES:
09:00 – Talked to Steve Gregoretti (building owner) about old exhaust duct in rear of basement.
He said it was OK to remove so EnviroTrac can install piping.
09:30 – EnviroTrac prepping to install piping. Plan to run 3" piping from each point.
- Installing vertical pipe supports every 6' to floor joist using Kindorf.
11:30 – Installed 3" PVC piping from SDP-1 and SDP-2. Running common pipe from SDP-1 "T"
to exterior of the building.
12:30 – Started to run 3" PVC piping from SDP-3 and SDP-4.
15:00 – Cut and removed old exhaust duct. Also cut and removed old exhaust tubing from
temporary blower. Started to measure and route piping to the outside, above rear basement
Door.
16:00 – Finished running 3" PVC from SDP-3 and SDP-4 to exterior. Plan to finish piping
tomorrow.
16:40 – P.Martorano offsite

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 11, 2007

DAY	S	M	T	W	TH	F	S
					X		

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	3
HUMIDITY	Dry X	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	SSD System Installer; Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

MINE RALLAC 7 3" Rigid clamps
POWER STRUT 3" STD. wall support clamps
(2) Fantech HP190 Radon Fans
(6) VM2 Manometers

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1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 3

NYSDEC # 1-30-050 DATE 1/11/2007

CONSTRUCTION ACTIVITIES:
08:30 – Talked to Steve Gregoretti to have him send someone to unlock basement door.
09:00 – EnviroTrac called; running late and will be here in ~30 minutes.
- Plan is to finish piping today and install fans. Electric and concrete work should be tomorrow.
Also will be starting fence removal for SVE/AS system removal.
11:15 – Finished routing interior 3" PVC piping. Going to run piping up side, install fans and then
"T" into 4" piping to the exhaust stack.
12:30 – Installed the Fantech HP190 Radon Fans with flexible couplings. Installed 3" to 4" "T"
After both fans to connect with 4" PVC exhaust stack.
14:30 – Installing manometers at each vapor point and at each fan.
- Plan to run electric and patch concrete tomorrow.
- Also will install test points. Most likely will test system on Monday.
14:45 – P. Martorano offsite; EnviroTrac finishing manometers and will lock up when done.

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 12, 2007

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast X	Rain X	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	4
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	SSD System Installer; Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks
09:30	Steven Gregoretti	Building owner	On-site to deliver detergents to laundromat.

EQUIPMENT AT THE SITE:

MATERIALS:

Flexible electric conduit.
Eiectric junction boxes
Disconnect switches w/locking cover

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2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 4

NYSDEC # 1-30-050 DATE 1/12/2007

CONSTRUCTION ACTIVITIES:

09:00 – EnviroTrac is going to install electric wiring from electric panel near grease trap to each Fan. They will also install a locked disconnect switch to the right of the rear basement door.

09:30 – Steven Gregoretti onsite with worker to unlock basement door. Ask him about patching Concrete near basement toilet. He said he would be OK with us patching concrete.

- Scoped out location for sub-slab vapor test points with Dale. Will install nine points, as such:

- Concrete patching may be this afternoon, though most likely Monday.
- P. Martorano offsite to D&B. EnviroTrac will call this afternoon w/ a status update.
- Talked to F. DeVita in office about vapor points. Will remove once testing is complete.

14:00 – EnviroTrac called; ran all electric conduits and installed the 9 test points. Installed a 10th point due to difficulties installing one. Will be on-site Monday to patch concrete and start-up System/testing. Dale also mentioned that system was started and is currently running.

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 16, 2007

DAY	S	M	T	W	TH	F	S
			X				

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear	Overcast X	Rain	Snow
TEMP.	To 32	32-50 X	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	5
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	SSD System Installer; Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

Sakrete Concrete; Fast-Setting, Ultra-High Strength Concrete Mix; Exceeds 5000 psi after 28 days.

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2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 5

NYSDEC # 1-30-050 DATE 1/16/2007

CONSTRUCTION ACTIVITIES:
08:10 – P. Martorano onsite; Will inspect system piping and electric installation w/ F. DeVita
- EnviroTrac will patch concrete today and start removing rear fence for SVE/AS system removal.
08:25 – Talk with Steve Gregoretti to open basement. He mentions on the phone that the SSD system can't be hooked up to deli electric panel and needs to be hooked up instead to the meter in the NW corner of the laundromat basement. Will discuss with F. DeVita
08:30 – EnviroTrac onsite; tell Dale Konas about electric and he will be able to re-route. Show him the electric panels and he says there is room in one to install the required breakers.
08:45 – F. DeVita onsite; looks over system installation with EnviroTrac. F. DeVita thinks piping in Southern portion of basement is too low. Also informed F. DeVita about electric re-route.
09:00 – EnviroTrac Concrete workers on-site; showed them the location of all concrete patches and wells.
10:00 – F. DeVita talked with NYSDEC about additional costs for electric and NYSDEC is OK with the additional costs. Dale will try to schedule the work ASAP.
10:30 – Dale Konas talked with Steve Gregoretti on the phone to confirm the location of the electric breaker box to wire the SSD system into.
- F. DeVita talks with EnviroTrac about piping installation under deli and asks if piping can be routed through ceiling joists. EnviroTrac is OK with changing the piping to run through the joists.
10:50 – Crew off-site to purchase supplies at Home Depot.
11:30 – Reviewed again the locations of the concrete patch work to be completed.
- P. Martorano off-site to D&B. Dale Konas will call at the end of the day regarding tomorrow.
15:00 – Talked with Dale Konas. He will be on-site tomorrow at 7:30 to do system testing and will also re-route electric and fix system piping under deli.

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 17, 2007

DAY	S	M	T	W	TH	F	S
				X			

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32 X	32-50	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	6
HUMIDITY	Dry X	Moder.	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	SSD System Installer; Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks
08:55	Frank DeVita	D&B Engineer's Project Manager	

EQUIPMENT AT THE SITE:

DAEWOO 450 Bobcat; Forklift; Flatbed Truck

MATERIALS:

Dwyer 465 Mark III Manometer

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2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 6

NYSDEC # 1-30-050 DATE 1/17/2007

CONSTRUCTION ACTIVITIES:
07:45 – Paul Martorano onsite; EnviroTrac already on-site. Plan to test performance of SSD System, inspect concrete work, re-route electric, re-do piping under deli and also remove SVE/AS system.
08:00 – Called Steve Gregoretti to unlock basement door.
08:10 – Inspect all concrete patches. All look good. However, it looks like a spot was missed in middle portion of basement. Informed EnviroTrac and they will patch.
8:30 – Start testing sub-slab vacuum pressure with handheld digital manometer (Dwyer 465 Mark III). All test points registered a vaccuum pressure less than the required -0.004 inches of water. All sub-slab depressurization vapor points reading a vacuum pressure of less than -2.0 inches of water (all less than the calculated -0.75 inches of water to achieve the required ROI).
8:40 – Asked EnviroTrac about drain in NW corner of basement. He said the drain to install is 4 inches deep. Will cut out drain and install Grainger unit on Friday.
08:55 – F. DeVita onsite; Discussed testing and labeling. Mentioned the low vaccum reading from the northern corner. When we looked at the area (near boiler), a hole was found under boiler. EnviroTrac was informed, and they will patch with concrete on Friday.
09:45 – F. DeVita offsite; EnviroTrac has all fencing in the back of the building removed to facilitate removal of the SVE/AS system. EnviroTrac plans to remove system today.
10:10 – EnviroTrac setting supports for new piping run in southern portion of the basement and installing pipe above floor joists.
11:00 – EnviroTrac finished moving pipe; also starting to move SVE/AS system. Pulling system Toward Marvin Avenue with a bobcat; rolled system on metal piping behind pharmacy/Chinese restaurant.
13:00 – EnviroTrac successfully loaded SVE/AS system onto payloader flatbed truck and will secure it for transfer.
13:30 – Took another round of sub-slab vacuum readings with EnviroTrac to ensure system still operating sufficiently. All readings are approximately the same as this morning, and still less than -0.004 inches of water.
14:00 – P. Martorano and EnviroTrac offsite.

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE January 19, 2007

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32 X	32-50	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	7
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	Decommissioning SVE/AS System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

MATERIALS:

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 7

NYSDEC # 1-30-050 DATE 1/19/2007

CONSTRUCTION ACTIVITIES:
0800 – Paul Martorano onsite; EnviroTrac already onsite.
- Called Steve Gregoretti on the way to the site to have him open basement door.
- EnviroTrac dug up piping where SVE/AS system was and patched with asphalt.
- EnviroTrac decommissioned the two air sparge wells and three SVE wells. Also decommissioned SVM wells in basement and outside.
- Indoor piping was cut at floor and inside well. All openings in wells were capped.
- Removed indoor piping up to exterior wall and capped.
- Outside wells were cut inside the well head and all openings were capped.
- EnviroTrac also patched two additional holes in concrete floor and decommissioned sub-slab vacuum test points.
10:45 - Restoring rear fence to previous conditions.
- Waiting till 11:00 to get access to pharmacy basement.
11:10 – Pharmacy still not open. EnviroTrac will come back to remove SVM well in pharmacy Basement at another time.
- P.M. and EnviroTrac offsite.

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci
CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

DATE February 23, 2007

DAY	S	M	T	W	TH	F	S
						X	

PROJECT Franklin Cleaners Site (on-site)
NYSDEC SITE NO. 1-30-050
NYSDEC CONTRACT NO. D004446
CONTRACTOR EnviroTrac, Ltd.
PROJECT MANAGER Frank DeVita

WEATHER	Brite Sun	Clear X	Overcast	Rain	Snow
TEMP.	To 32	32-50 x	50-70	70-85	85+up
WIND	Still	Moder. X	High	Report No.	8
HUMIDITY	Dry	Moder. X	Humid		

AVERAGE FIELD FORCE

Name of Contractor	Function	Remarks
EnviroTrac, Ltd.	Modifying SSD System	
Dvirka and Bartilucci	Engineer	

VISITORS

Time	Name	Representing	Remarks

EQUIPMENT AT THE SITE:

Hammer drill, misc. tools

MATERIALS:

½" schedule 80 PVC pipe, steel strut channel, ½" strut channel pipe clamps
Fanguard by-pass (2)

DISTRIBUTION
1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

Dvirka and Bartilucci CONSULTING ENGINEERS

DAILY CONSTRUCTION REPORT

PROJECT Franklin Cleaners Site (on-site) REPORT NO. 8

NYSDEC # 1-30-050 DATE 2/23/2007

CONSTRUCTION ACTIVITIES:

9:50 – Paul Martorano on-site; Dale Konas with EnviroTrac already on-site and working in Basement.

- EnviroTrac will be installing condensate drain and fanguards on SSD system.
- Inspected SSD system on deli side of basement. Fan is still running OK (~ 2.2" H2O), SDP-4 reading ~2.2 "H2O and SDP-3 reading ~ 2.0" H2O. Both point still operating at initial starting pressures on January 19, 2007.
- Inspected signs installed. EnviroTrac sign installed near electrical panel and near disconnect switch.

11:30 – EnviroTrac having trouble drilling through foundation at approximately 3-inches away From the wall. Decide to move point more to the north and off the wall approximately 12-inches.

- EnviroTrac successfully drills through concrete to the subslab soil.

12:00 – Went over scope of installation for Fanguards with EnviroTrac. They will be cutting pipe below fan in order to fit Fanguard above the fan.

12:15 – PM offsite to D&B. Will inspect installation of drain and Fanguard when on-site for PCE passive indoor air sampling event.

DISTRIBUTION 1 Proj. Mgr.
2 Field Office
3 File

BY Paul Martorano TITLE Engineer

ATTACHMENT B

CONSTRUCTION PHOTOGRAPHS

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Installation of discharge piping on roof of laundromat.

Photograph No.: 1

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Existing conditions, View of laundromat basement prior to system installation

Photograph No.: 2

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Existing conditions, Hole in laundromat basement near basement stairs

Photograph No.: 3

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Existing conditions, Sump pit in laundromat basement

Photograph No.: 4

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Installation of suction point SDP-2

Photograph No.: 5

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Installation of suction point SDP-2

Photograph No.: 6

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Drilled hole for suction point SDP-2. Approximately 4.5" concrete (typical for all points).

Photograph No.: 7

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Existing conditions, Hole in concrete for future installation of toilet.

Photograph No.: 8

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Existing conditions, Holes in concrete in deli basement.

Photograph No.: 9

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Existing conditions, Hole in concrete near rear basement door.

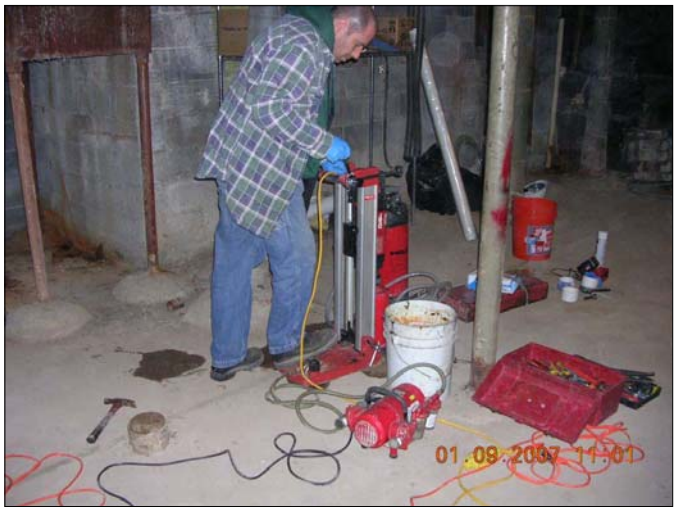
Photograph No.: 10

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Existing conditions, Hole in concrete in deli basement.

Photograph No.: 11

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Existing conditions, Holes in concrete of deli basement.

Photograph No.: 12



Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of suction point SDP-1.

Photograph No.: 13

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of second suction point for SDP-2. First suction point unsuccessful due to refusal beneath concrete.

Photograph No.: 14

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Screened PVC pipe for suction points (typical for all suction points).

Photograph No.: 15

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Gravel used to backfill around suction point screens.

Photograph No.: 16

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-2 and associated suction point piping.

Photograph No.: 17

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of suction point SDP-4.

Photograph No.: 18

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of suction point SDP-3..

Photograph No.: 19

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-1 and associated piping.

Photograph No.: 20

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-3 and associated piping.

Photograph No.: 21

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-4 and associated piping.

Photograph No.: 22

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of discharge piping to roof.

Photograph No.: 23

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of pipe supports on chimney for discharge piping.

Photograph No.: 24

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of discharge piping to roof.

Photograph No.: 25

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-2 and with PVC ball valve.

Photograph No.: 26

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installing pipe support for horizontal discharge pipe.

Photograph No.: 27

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of discharge pipe from SDP-1.

Photograph No.: 28

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-1.

Photograph No.: 29

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-2 and associated piping.

Photograph No.: 30

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-2.

Photograph No.: 31

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-2 and junction with discharge piping from SDP-1.

Photograph No.: 32

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-1 and SDP-2 installed in floor joists.

Photograph No.: 33

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-1 and SDP-2 installed in floor joists and above rear concrete block wall and door.

Photograph No.: 34

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Suction point SDP-4 and associated piping and ball valve.

Photograph No.: 35

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-3 and SDP-4 installed along concrete block wall in deli basement.

Photograph No.: 36

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-3 and junction with discharge piping.

Photograph No.: 37

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping penetration through rear basement wall.

Photograph No.: 38

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping penetration through rear basement wall.

Photograph No.: 39

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-3 and SDP-4 installed along concrete block wall in deli basement.

Photograph No.: 40

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-3 and SDP-4 near rear of basement.

Photograph No.: 41

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-3 and SDP-4 and penetration through rear basement wall.

Photograph No.: 42

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Hanging pipe support for horizontal discharge pipe (typical throughout basement).

Photograph No.: 43

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Wall pipe support for horizontal discharge pipe installed on walls (typical throughout basement).

Photograph No.: 44

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Pipe support for horizontal discharge pipe in floor joists (typical throughout basement).

Photograph No.: 45

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-1 and SDP-2 near rear of basement.

Photograph No.: 46

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Discharge piping from SDP-1 and SDP-2 and penetration through rear basement wall.

Photograph No.: 47

Site Name: Franklin Cleaners Site (on-site)

Site No.: 1-30-050

Description of View: Installation of discharge piping on exterior rear wall.

Photograph No.: 48

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of discharge piping, flexible couplings and fans on exterior rear wall.

Photograph No.: 49

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Installation of discharge piping, flexible couplings and fans on exterior rear wall. Piping tees into common 4" PVC piping.

Photograph No.: 50

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: 4" PVC discharge pipe penetration through awning.

Photograph No.: 51

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in laundromat basement, near SDP-2.

Photograph No.: 52

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in laundromat basement, near SDP-2.

Photograph No.: 53

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete around sump pit in laundromat basement, near SDP-1.

Photograph No.: 54

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in rear of basement.

Photograph No.: 55

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in rear of basement.

Photograph No.: 56

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in deli basement.

Photograph No.: 57

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in deli basement.

Photograph No.: 58

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in deli basement.

Photograph No.: 59

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Electric disconnect switch for SSD fans installed near rear basement door.

Photograph No.: 60

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Electric disconnect switch, with locking cover, for SSD fans installed near rear basement door.

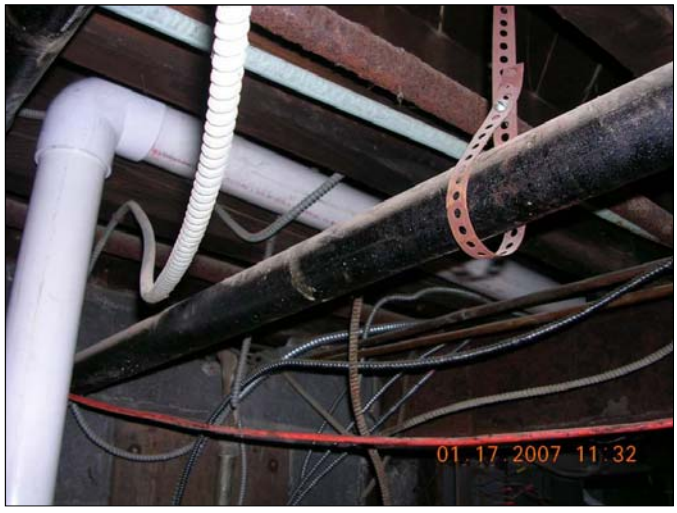
Photograph No.: 61

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete in deli basement.

Photograph No.: 62

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-4 and associated ball valve and discharge piping.

Photograph No.: 63



Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-4 installed through floor joists.

Photograph No.: 64

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-4 installed through floor joists.

Photograph No.: 65

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-4 installed through floor joists.

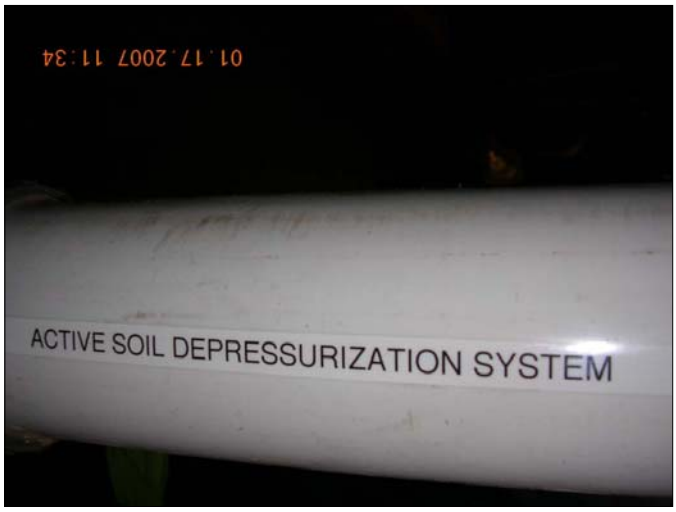
Photograph No.: 66

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-4 installed through floor joists.

Photograph No.: 67

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Suction point SDP-3 and associated discharge piping.

Photograph No.: 68



Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Labeling for system piping (typical for all labels).

Photograph No.: 69

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Labeling in electric panel.

Photograph No.: 70

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Manometer installed on suction point (typical for all suction points).

Photograph No.: 71

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Test point installed through concrete floor (typical for all test points).

Photograph No.: 72

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Manometer installed on suction point and starting vacuum label (typical for all suction points).

Photograph No.: 73

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: 4" PVC discharge piping installed on roof and effluent stack with rain cap.
Date Taken: 01/11/07

Photograph No.: 74

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: 4" PVC discharge piping installed on roof.
Date Taken: 01/11/07

Photograph No.: 75

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: 4" PVC discharge piping installed on roof and along chimney.
Date Taken: 01/11/07

Photograph No.: 76

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: 4" PVC discharge piping installed on roof through awning.
Date Taken: 01/11/07

Photograph No.: 77

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-3 and SDP-4 and manometer installed to monitor fan vacuum.
Date Taken: 01/17/07

Photograph No.: 78

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Discharge piping from SDP-3 and SDP-4 and manometer installed to monitor fan vacuum.
Date Taken: 01/17/07

Photograph No.: 79

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Patched concrete near boiler.

Photograph No.: 80

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Emergency contact sign installed near electric panel.
Date Taken: 02/23/07

Photograph No.: 81

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Emergency contact sign.
Date Taken: 02/23/07

Photograph No.: 82

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Emergency contact sign installed near disconnect switches.
Date Taken: 02/23/07

Photograph No.: 83

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Fans installed on rear of building with condensate bypass.
Date Taken: 03/01/07

Photograph No.: 84

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Condensate trap installed at discharge piping low point in rear of basement.
Date Taken: 03/01/07

Photograph No.: 85

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Condensate trap installed at discharge piping low point in rear of basement.
Date Taken: 03/01/07

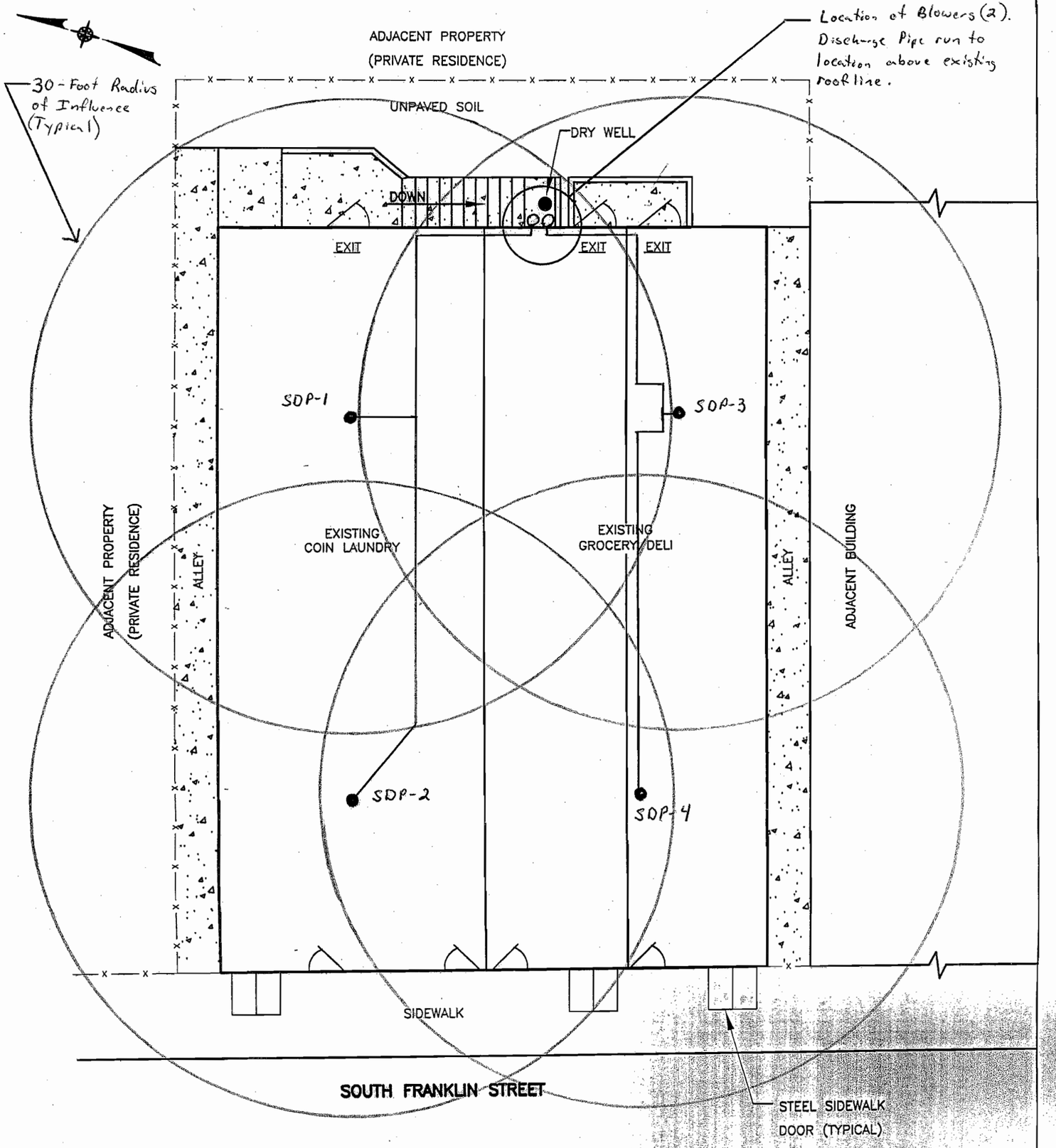
Photograph No.: 86

Site Name: Franklin Cleaners Site (on-site)
Site No.: 1-30-050
Description of View: Condensate trap penetration through concrete floor.
Date Taken: 03/01/07

Photograph No.: 87

ATTACHMENT C

AS-BUILT RECORD DRAWINGS



LEGEND:

LIMITS OF ACTIVE SUB-SLAB DEPRESSURIZATION SYSTEM INFLUENCE (2)

FENCING

CONCRETE PAVEMENT

Key

● SDP - Soil Depressurization Point

— 3" ø Sch 40 PVC Pipe

NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND PERFORM HIS/HER OWN INVESTIGATION TO DETERMINE EXISTING CONDITIONS. THIS DRAWING IS INTENDED TO SHOW THE GENERAL NATURE OF THE WORK AND IS NOT INTENDED TO SHOW ALL EXISTING CONDITIONS.
2. CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND SUSTAIN A MINIMUM NEGATIVE PRESSURE OF 1 PASCAL (0.004 INCHES OF WATER COLUMN) WITHIN THE LIMITS SHOWN, AS SPECIFIED.

10 0 10
SCALE IN FEET

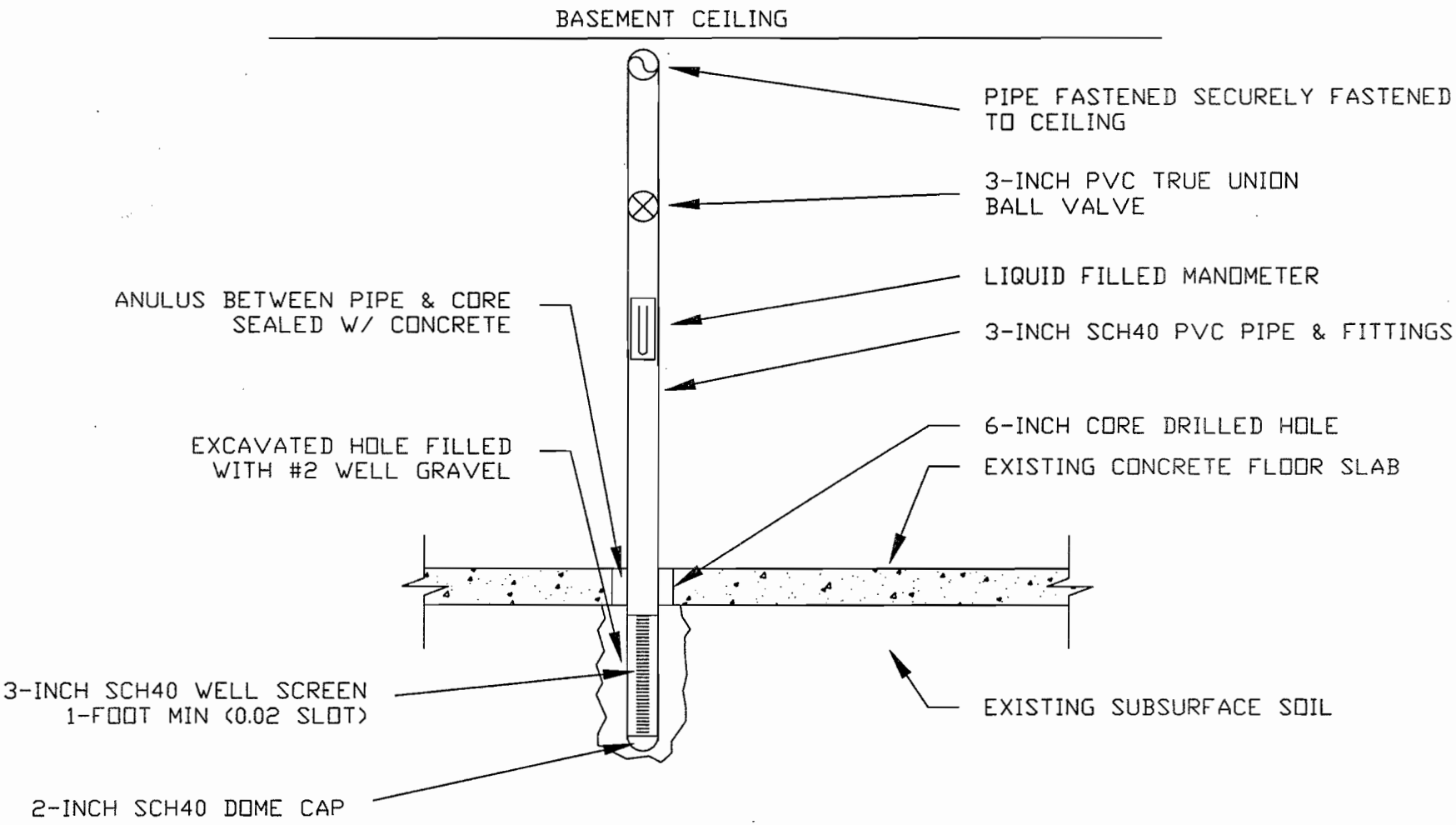
FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

Dvirka and Bartilucci Consulting Engineers

SUCTION POINT LOCATION MAP

Figure 1

F:\18511\Workplan Amendment No. 2\FIG-02.dwg, FIG-02, 07/25/06 03:25:36 PM, FDeVita



EnviroTrac
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

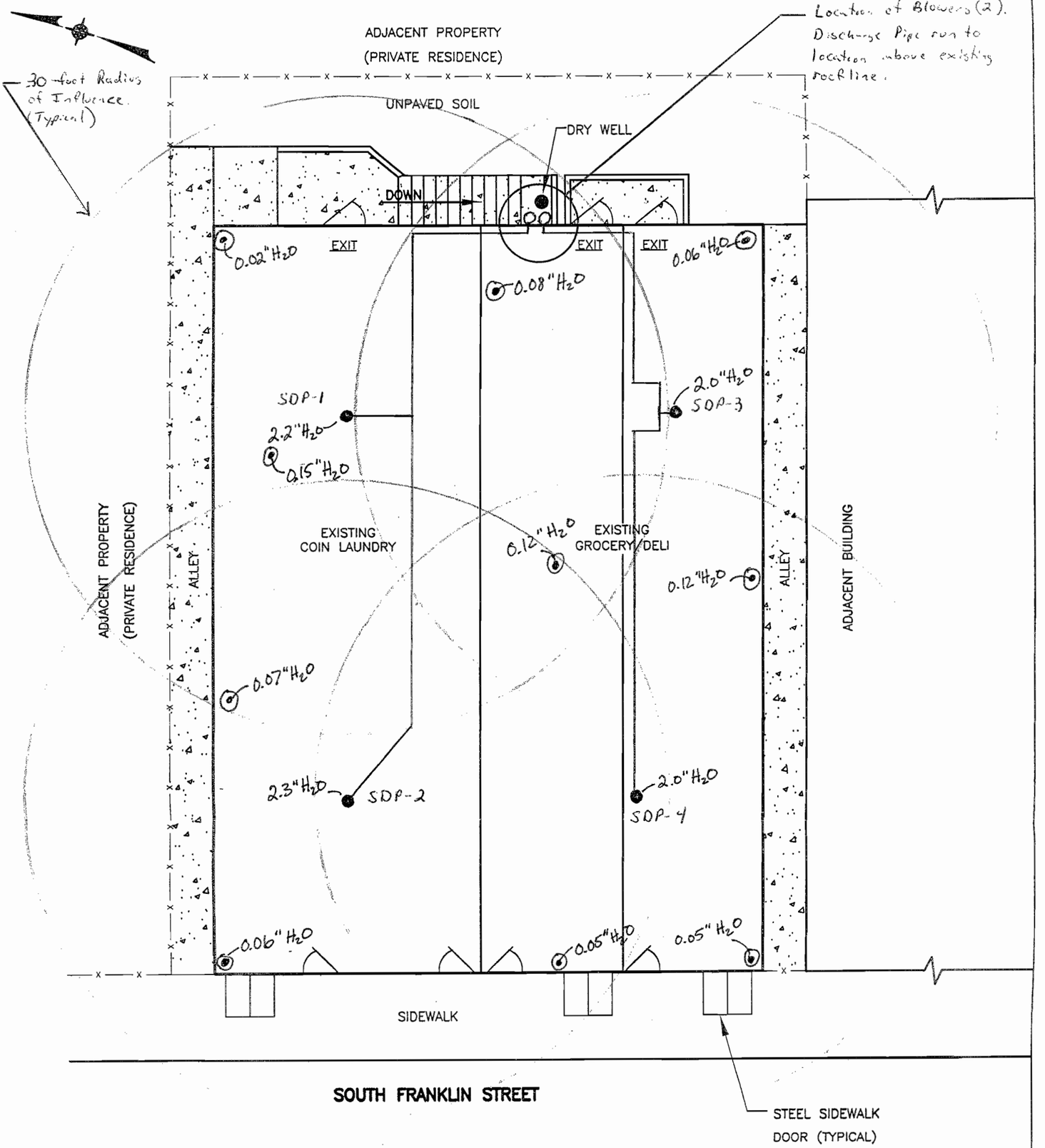
NOT TO SCALE

REVISION DATE: Mar 07, 2007 | REVISED BY: DK

FRANKLIN CLEANERS
HEMPSTEAD, NEW YORK

AS-BUILT: WELLHEAD DETAIL

FIGURE # 2



LEGEND:

LIMITS OF ACTIVE SUB-SLAB DEPRESSURIZATION SYSTEM INFLUENCE (2)

FENCING

CONCRETE PAVEMENT

Key

SDP Sub Depressurization Point

Monitoring Point

3" ø Sch 40 PVC Pipe

NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND PERFORM HIS/HER OWN INVESTIGATION TO DETERMINE EXISTING CONDITIONS. THIS DRAWING IS INTENDED TO SHOW THE GENERAL NATURE OF THE WORK AND IS NOT INTENDED TO SHOW ALL EXISTING CONDITIONS.
2. CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND SUSTAIN A MINIMUM NEGATIVE PRESSURE OF 1 PASCAL (0.004 INCHES OF WATER COLUMN) WITHIN THE LIMITS SHOWN, AS SPECIFIED.

10 0 10
SCALE IN FEET

FRANKLIN CLEANERS SITE
HEMPSTEAD, NEW YORK

Dvirka and Bartilucci Consulting Engineers

POST-INSTALLATION MONITORING RESULTS

Figure 3

F:\11851\Workplan Amendment No. 2\FIG-02.dwg, FIG-02, 07/25/06 03:25:36 PM, FDeVita