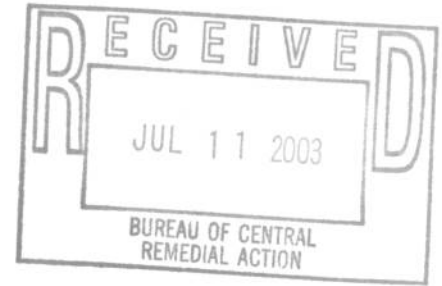


July 9, 2003

Mr. Thomas Gibbons
NYSDEC
Bureau of Eastern Remedial Action
625 Broadway 11th Floor
Albany, NY 12233-7015



RE: Pulsing Procedure Report # 1
Westbury Valet Cleaners
123 Post Ave
Westbury, NY 11590
Site ID# 130088

Dear Mr. Gibbons:

Anson Environmental Ltd. (AEL) began pulsing the soil vapor extraction system (SVES) remediation of Westbury Valet Cleaners, approved by the NYSDEC letter dated September 13, 2002, on June 18, 2003.

Work Completed During the Monitoring Period

AEL conducted monitoring as per instruction of the NYSDEC. On each visit AEL conducts the system check and collects air samples at extraction wells for analysis using an Organic Vapor Monitor (OVM).

AEL has performed system checks utilizing a dedicated O&M data sheet as well as keeping a log in a dedicated logbook of other activities that have occurred on site. Work completed at the site includes:

- The SVES wells RW1-S, RW2-S, RW3-S, and RW4-S have operated continuously at a full open position.
- Field screening of the pre-carbon, between carbons, and system exhaust air has been conducted utilizing an OVM. Carbon canisters were changed when OVM readings showed that breakthrough had occurred. A data sheet is attached in the Appendix A of this report.
- The wells have been monitored for flow and vacuum pressure. Data sheets for each well are attached in Appendix A.
- Field screening of the extraction wells has been conducted utilizing an OVM
- Remedial system performance air samples were collected by AEL utilizing Tedlar bags on June 18, 2003 at the pre-carbon (influent) and after the second carbon (effluent) locations.
- Quarterly Air Samples (perc badges) were collected on June 17-18, 2003 in the four locations surrounding the property by the AEL.

"Your Environmental Partner"

System Sampling Results

On June 18, 2003, AEL collected SVE air samples using five (5) liter Tedlar Bags. Using EPA Method 8260, samples were analyzed by Environmental Testing Laboratories (ETL) in Farmingdale, NY. Influent and effluent air samples of the SVE remediation system were collected and denoted as "Pre-Carbon" and "Post Carbon", respectively. Detected compounds for pre-carbon and post carbon samples are summarized in Table 1 and laboratory analytical data sheets are located in Appendix C. The levels detected are to be utilized as background readings for the remainder of the pulsing procedure.

Quarterly Air Monitoring of Surrounding Properties

AEL conducted quarterly air monitoring of the surrounding properties over the time period of June 17-18, 2003. A summary sheet of this data is attached in Appendix C. This data is to be utilized as the background data for the remainder of the pulsing procedure.

Anticipated July Work Items

- The SVES will be restarted the week of July 15, 2003 after the collection of indoor air samples (perc badges) in the surrounding properties by AEL.
- A system check including recording vacuum pressure and flow for all extraction wells, OVM readings for the carbon filtration system, OVM readings for each extraction well, and other pertinent system readings will be conducted approximately one week after the system has been restarted.
- Tedlar air bag samples will be collected during the system check at the pre-carbon and exhaust locations. They will be analyzed utilizing EPA Method 8260 by ETL.
- Semi Annual ground water sampling will be conducted on the three on-site monitoring wells the week of July 21, 2003.

Please feel free to call Dean Anson or myself should you wish to discuss the above-presented information.

Very truly yours,



Matthew F. Schieferstein
Environmental Scientist

Cc:
Robert Cozzy, PE NYSDEC
Gary Litwin NYSDOH
Alali M. Tamuno, Esq. NYSDEE
John V Soderberg, Esq.
Peter Park Westbury Cleaners
Won Ho Choe Westbury Cleaners
Joseph DeFranco NCDOH
Becky Mitchell NYSDOH

Table I Air Bag Data

Pre-Carbon 6-18-03

Compound	CFM	M3/min	PPM	mg/M3	lb/hour	lb/year
Tetrachloroethene	210	5.9472	0.064866	0.44	0.000346	3.032148
c-1,2-Dichloroethene	210	5.9472	0.146271	0.58	0.000456	3.996922
Trichloroethene	210	5.9472	0.011164	0.06	4.72E-05	0.413475
t-1,2-Dichloroethene	210	5.9472	0	0	0	0
1,1-Dichloroethane	210	5.9472	0	0	0	0
1,1,1,2-Tetrachloroethane	210	5.9472	0	0	0	0
1,1,1-Trichloroethane	210	5.9472	0	0	0	0

Post-Carbon 6-18-03

Compound	CFM	M3/min	PPM	mg/M3	lb/hour	lb/year
Tetrachloroethene	234	6.62688	0	0	0	0
c-1,2-Dichloroethene	234	6.62688	0.126096	0.5	0.000438	3.839408
Trichloroethene	234	6.62688	0.018607	0.1	8.77E-05	0.767882
t-1,2-Dichloroethene	234	6.62688	0	0	0	0
1,1-Dichloroethane	234	6.62688	0	0	0	0
1,1,1,2-Tetrachloroethane	234	6.62688	0	0	0	0
1,1,1-Trichloroethane	234	6.62688	0	0	0	0

Appendix A

Database Information Well and Carbon Readings Graphs for OVM Readings

Extraction Well Data June 2003 First Pulsing

RW1-S
Field Data

Date	Vac (in H2O)	Flow (CFM)	PID (PPM)	Valve	Notes
6/18/03	8	43	0	Open	

RW2-S
Field Data

Date	Vac (in H2O)	Flow (CFM)	PID (PPM)	Valve	Notes
6/18/03	8	65	0	Open	

RW3-S
Field Data

Date	Vac (in H2O)	Flow (CFM)	PID (PPM)	Valve	Notes
6/18/03	15	>65	5.4	Open	

RW4-S
Field Data

Date	Vac (in H2O)	Flow (CFM)	PID (PPM)	Valve	Notes
5/29/03	12	52	1.6	Open	

Exhaust System Readings

June 2003 First Pulsing

Pre-Carbon

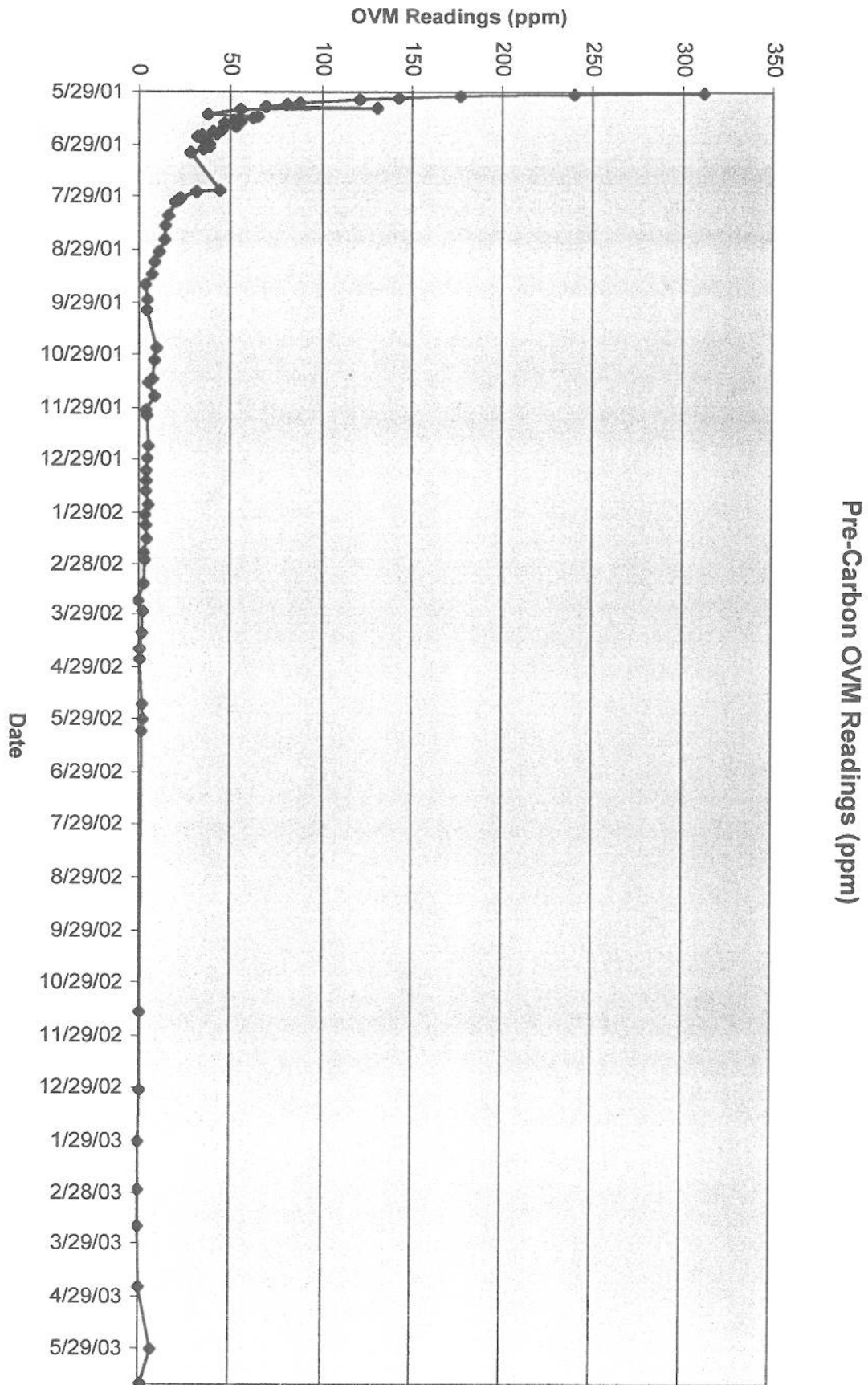
Date	Flow (CFM)	OVM (PPM)	Temp	PSI (psi)	Notes
6/18/03	210	1.6	65	13	

Between Carbon

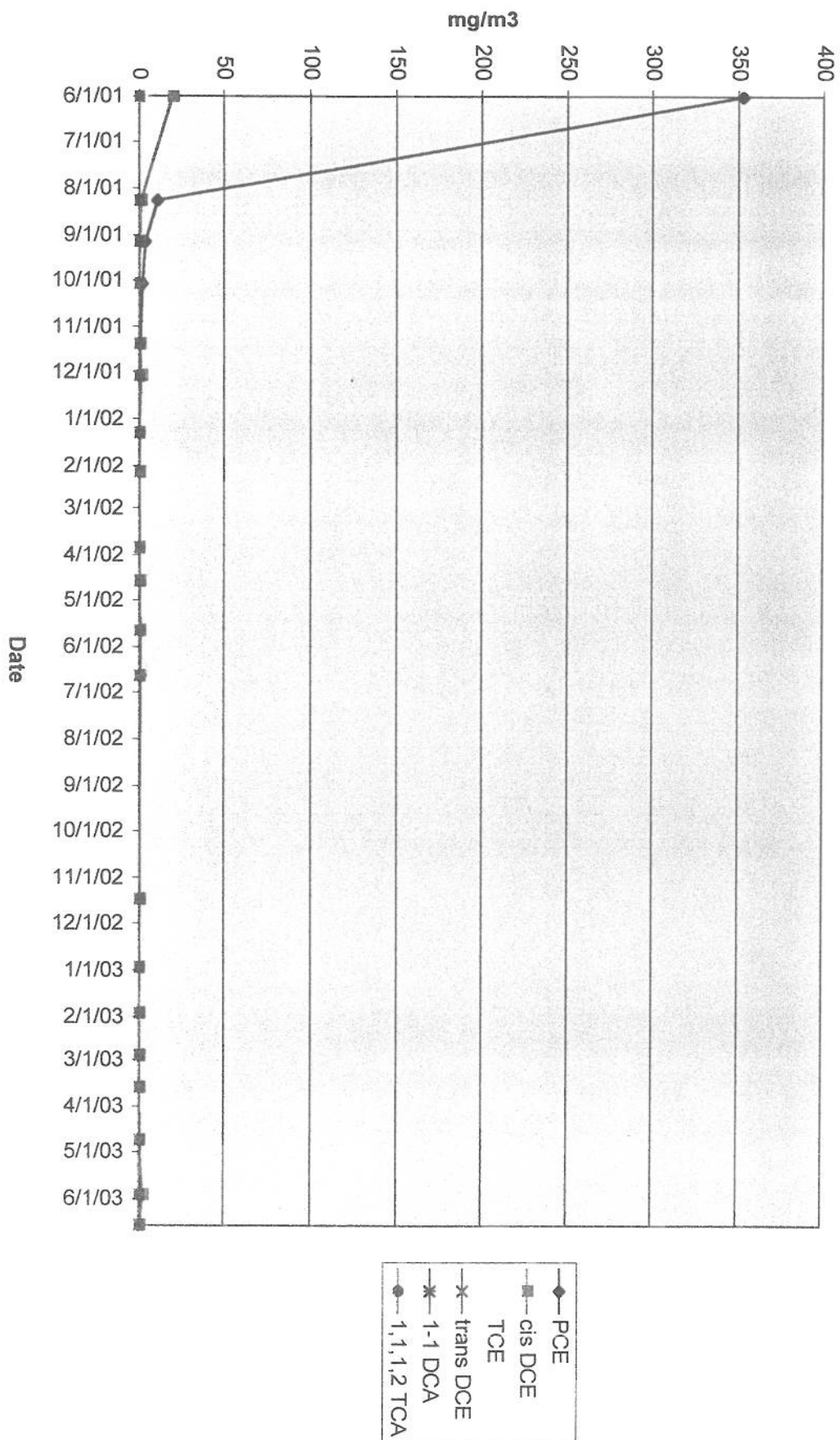
Date	OVM (ppm)	Temp	Notes
6/18/03	1.1	65	

Post Carbon

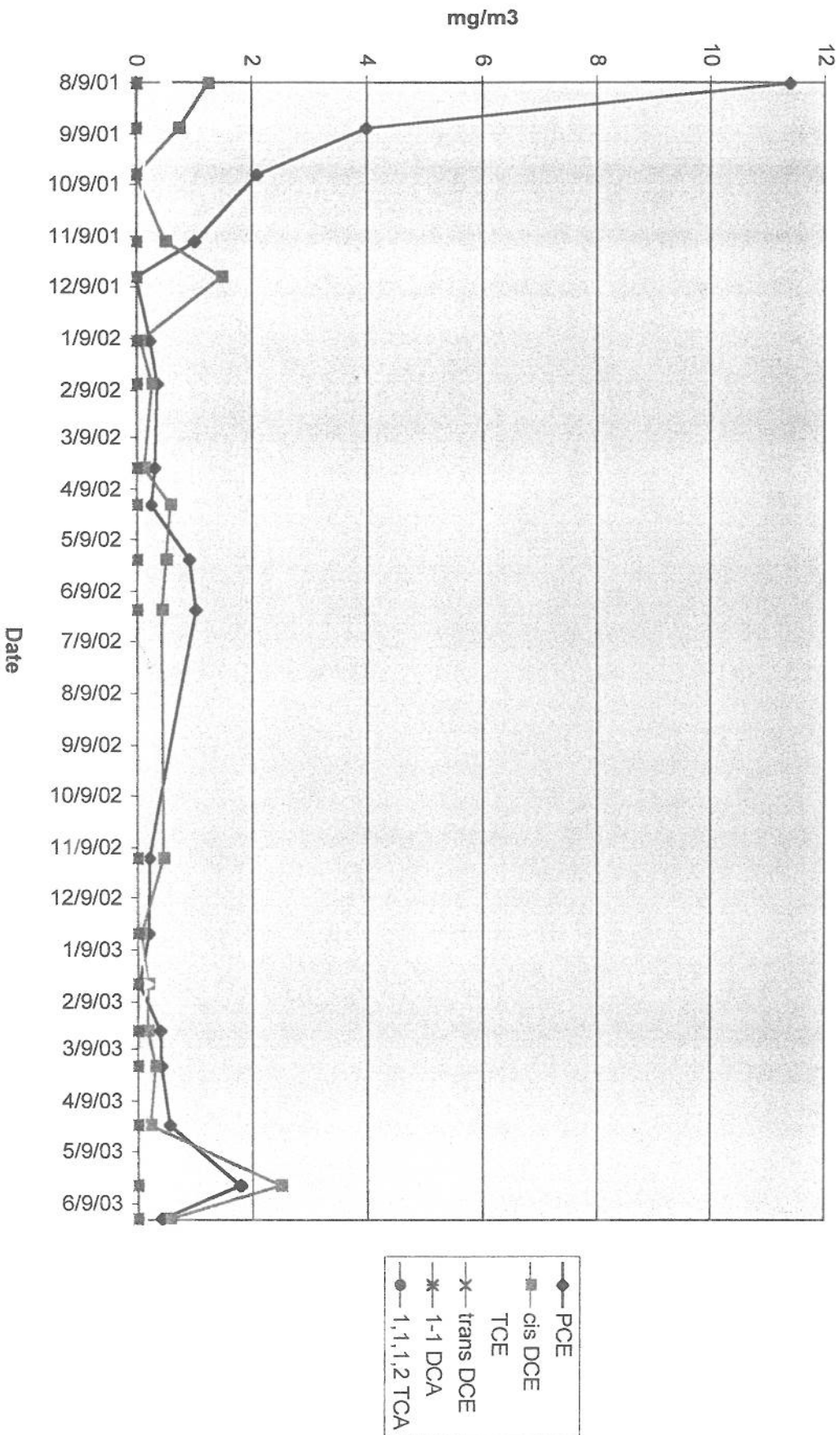
Date	OVM (PPM)	Flow (CFM)	Temp	Notes
6/18/03	0	234	65	



Air Bag Chart (mg/m³)
June 2001 thru June 18, 2003



Air Bag Pre-Carbon Chart (mg/m³)
August 9, 2001 thru June 18, 2003



Appendix B

Laboratory Analytical Data Sheets

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Custody Document: L5818

Received: 06/18/2003 11:10

Sampled by: N/A

Client: Anson Environmental Inc

771 New York Avenue

Huntington,

NY 11743

Project: Westbury Cleaners

123 Post Avenue

Westbury,

NY

Manager: Dean Anson

Respectfully submitted,

Patricia Werner-Els

Quality Assurance Officer

NYS Lab ID # 10969

NJ Cert. # 73812

CT Cert. # PH0645

MA Cert. # NY061

PA Cert. # 68-535

NH Cert. # 252592-BA

RI Cert. # 161

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Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Volatiles - EPA 8260B in AIR

Sample: L5818-1

Client Sample ID: Pre-Carbon

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 06/23/2003

Type: Grab

Collected: 06/18/2003 10:30

Volume: 5.32 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1010-1264	0.018	0.018	mg/M3	U
74-87-3	Chloromethane	C 1010-1264	0.012	0.012	mg/M3	U
75-01-4	Vinyl Chloride	C 1010-1264	0.012	0.012	mg/M3	U
74-83-9	Bromomethane	C 1010-1264	0.017	0.017	mg/M3	U
75-00-3	Chloroethane	C 1010-1264	0.020	0.020	mg/M3	U
75-69-4	Trichlorofluoromethane	C 1010-1264	0.0054	0.0054	mg/M3	U
75-35-4	1,1-Dichloroethene	C 1010-1264	0.0079	0.0079	mg/M3	U
75-09-2	Methylene Chloride	C 1010-1264	0.039	0.039	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C 1010-1264	0.012	0.012	mg/M3	U
75-34-3	1,1-Dichloroethane	C 1010-1264	0.012	0.012	mg/M3	U
590-20-7	2,2-Dichloropropane	C 1010-1264	0.0085	0.0085	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C 1010-1264	0.012	0.58	mg/M3	
67-66-3	Chloroform	C 1010-1264	0.0073	0.0073	mg/M3	U
74-97-5	Bromochloromethane	C 1010-1264	0.016	0.016	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C 1010-1264	0.0087	0.0087	mg/M3	U
563-58-6	1,1-Dichloropropene	C 1010-1264	0.031	0.031	mg/M3	U
56-23-5	Carbon Tetrachloride	C 1010-1264	0.0085	0.0085	mg/M3	U
107-06-2	1,2 Dichloroethane	C 1010-1264	0.013	0.013	mg/M3	U
71-43-2	Benzene	C 1010-1264	0.0062	0.0062	mg/M3	U
79-01-6	Trichloroethene	C 1010-1264	0.0096	0.060	mg/M3	
78-87-5	1,2-Dichloropropane	C 1010-1264	0.0076	0.0076	mg/M3	U
75-27-4	Bromodichloromethane	C 1010-1264	0.0045	0.0045	mg/M3	U
74-95-3	Dibromomethane	C 1010-1264	0.0065	0.0065	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C 1010-1264	0.023	0.023	mg/M3	U
108-88-3	Toluene	C 1010-1264	0.0059	0.0059	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C 1010-1264	0.022	0.022	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C 1010-1264	0.0048	0.0048	mg/M3	U
142-28-9	1,3-Dichloropropane	C 1010-1264	0.0087	0.0087	mg/M3	U
127-18-4	Tetrachloroethene	C 1010-1264	0.0048	0.44	mg/M3	
124-48-1	Dibromochloromethane	C 1010-1264	0.0051	0.0051	mg/M3	U
106-93-4	1,2-Dibromoethane	C 1010-1264	0.0048	0.0048	mg/M3	U
108-90-7	Chlorobenzene	C 1010-1264	0.0045	0.0045	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1010-1264	0.0054	0.0054	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Volatiles - EPA 8260B in AIR

Sample: L5818-1

Client Sample ID: Pre-Carbon

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 06/23/2003

Type: Grab

Collected: 06/18/2003 10:30

Volume: 5.32 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
100-41-4	Ethylbenzene	C1010-1264	0.0048	0.0048	mg/M3	U
108-38-3	m,p-xylene	C1010-1264	0.0073	0.0073	mg/M3	U
95-47-6	o-xylene	C1010-1264	0.0059	0.0059	mg/M3	U
100-42-5	Styrene	C1010-1264	0.0034	0.0034	mg/M3	U
98-82-8	Isopropylbenzene	C1010-1264	0.0028	0.0028	mg/M3	U
75-25-2	Bromoform	C1010-1264	0.0062	0.0062	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C1010-1264	0.0090	0.0090	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C1010-1264	0.020	0.020	mg/M3	U
103-65-1	n-Propylbenzene	C1010-1264	0.0062	0.0062	mg/M3	U
108-86-1	Bromobenzene	C1010-1264	0.0085	0.0085	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C1010-1264	0.0048	0.0048	mg/M3	U
95-49-8	2-Chlorotoluene	C1010-1264	0.0056	0.0056	mg/M3	U
106-43-4	4-Chlorotoluene	C1010-1264	0.0090	0.0090	mg/M3	U
99-87-6	4-Isopropyltoluene	C1010-1264	0.0042	0.0042	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C1010-1264	0.0045	0.0045	mg/M3	U
135-98-8	sec-Butylbenzene	C1010-1264	0.0056	0.0056	mg/M3	U
98-06-6	tert-Butylbenzene	C1010-1264	0.0042	0.0042	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C1010-1264	0.0054	0.0054	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C1010-1264	0.0068	0.0068	mg/M3	U
104-51-8	n-Butylbenzene	C1010-1264	0.0062	0.0062	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C1010-1264	0.0031	0.0031	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C1010-1264	0.0068	0.0068	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C1010-1264	0.0068	0.0068	mg/M3	U
87-68-3	Hexachlorobutadiene	C1010-1264	0.0034	0.0034	mg/M3	U
91-20-3	Naphthalene	C1010-1264	0.0059	0.19	mg/M3	
87-61-6	1,2,3-Trichlorobenzene	C1010-1264	0.024	0.024	mg/M3	U
1634-04-4	MTBE	C1010-1264	0.017	0.017	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Volatiles - EPA 8260B in AIR

Sample: L5818-1

Client Sample ID: Pre-Carbon

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 06/23/2003

Type: Grab

Collected: 06/18/2003 10:30

Volume: 5.32 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1010-1264	100.0 %	(77 - 128)	
4774-33-8	DIBROMOFLUOROMETHANE	C1010-1264	110.0 %	(69 - 157)	
2037-26-5	TOLUENE-D8	C1010-1264	97.6 %	(70 - 124)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Volatiles - EPA 8260B in AIR

Sample: L5818-2

Client Sample ID: Post-Carbon

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 06/23/2003

Type: Grab

Collected: 06/18/2003 10:30

Volume: 4.51 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1010-1265	0.021	0.021	mg/M3	U
74-87-3	Chloromethane	C 1010-1265	0.014	0.014	mg/M3	U
75-01-4	Vinyl Chloride	C 1010-1265	0.014	0.014	mg/M3	U
74-83-9	Bromomethane	C 1010-1265	0.021	0.021	mg/M3	U
75-00-3	Chloroethane	C 1010-1265	0.023	0.023	mg/M3	U
75-69-4	Trichlorofluoromethane	C 1010-1265	0.0063	0.0063	mg/M3	U
75-35-4	1,1-Dichloroethene	C 1010-1265	0.0093	0.0093	mg/M3	U
75-09-2	Methylene Chloride	C 1010-1265	0.046	0.046	mg/M3	U
156-60-5	t-1,2-Dichloroethene	C 1010-1265	0.014	0.014	mg/M3	U
75-34-3	1,1-Dichloroethane	C 1010-1265	0.014	0.014	mg/M3	U
590-20-7	2,2-Dichloropropane	C 1010-1265	0.010	0.010	mg/M3	U
156-59-2	c-1,2-Dichloroethene	C 1010-1265	0.014	0.50	mg/M3	
67-66-3	Chloroform	C 1010-1265	0.0087	0.0087	mg/M3	U
74-97-5	Bromochloromethane	C 1010-1265	0.019	0.019	mg/M3	U
71-55-6	1,1,1-Trichloroethane	C 1010-1265	0.010	0.010	mg/M3	U
563-58-6	1,1-Dichloropropene	C 1010-1265	0.037	0.037	mg/M3	U
56-23-5	Carbon Tetrachloride	C 1010-1265	0.010	0.010	mg/M3	U
107-06-2	1,2 Dichloroethane	C 1010-1265	0.016	0.016	mg/M3	U
71-43-2	Benzene	C 1010-1265	0.0073	0.0073	mg/M3	U
79-01-6	Trichloroethene	C 1010-1265	0.011	0.10	mg/M3	
78-87-5	1,2-Dichloropropane	C 1010-1265	0.0090	0.0090	mg/M3	U
75-27-4	Bromodichloromethane	C 1010-1265	0.0053	0.0053	mg/M3	U
74-95-3	Dibromomethane	C 1010-1265	0.0077	0.0077	mg/M3	U
10061-01-5	c-1,3-Dichloropropene	C 1010-1265	0.027	0.027	mg/M3	U
108-88-3	Toluene	C 1010-1265	0.0070	0.0070	mg/M3	U
10061-02-6	t-1,3-Dichloropropene	C 1010-1265	0.026	0.026	mg/M3	U
79-00-5	1,1,2-Trichloroethane	C 1010-1265	0.0057	0.0057	mg/M3	U
142-28-9	1,3-Dichloropropane	C 1010-1265	0.010	0.010	mg/M3	U
127-18-4	Tetrachloroethene	C 1010-1265	0.0057	0.0057	mg/M3	U
124-48-1	Dibromochloromethane	C 1010-1265	0.0060	0.0060	mg/M3	U
106-93-4	1,2-Dibromoethane	C 1010-1265	0.0057	0.0057	mg/M3	U
108-90-7	Chlorobenzene	C 1010-1265	0.0053	0.0053	mg/M3	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1010-1265	0.0063	0.0063	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Volatiles - EPA 8260B in AIR

Sample: L5818-2

Client Sample ID: Post-Carbon

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 06/23/2003

Type: Grab

Collected: 06/18/2003 10:30

Volume: 4.51 L

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
100-41-4	Ethylbenzene	C 1010-1265	0.0057	0.0057	mg/M3	U
108-38-3	m,p-xylene	C 1010-1265	0.0087	0.0087	mg/M3	U
95-47-6	o-xylene	C 1010-1265	0.0070	0.0070	mg/M3	U
100-42-5	Styrene	C 1010-1265	0.0040	0.0040	mg/M3	U
98-82-8	Isopropylbenzene	C 1010-1265	0.0033	0.0033	mg/M3	U
75-25-2	Bromoform	C 1010-1265	0.0073	0.0073	mg/M3	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1010-1265	0.011	0.011	mg/M3	U
96-18-4	1,2,3-Trichloropropane	C 1010-1265	0.024	0.024	mg/M3	U
103-65-1	n-Propylbenzene	C 1010-1265	0.0073	0.0073	mg/M3	U
108-86-1	Bromobenzene	C 1010-1265	0.010	0.010	mg/M3	U
108-67-8	1,3,5-Trimethylbenzene	C 1010-1265	0.0057	0.0057	mg/M3	U
95-49-8	2-Chlorotoluene	C 1010-1265	0.0067	0.0067	mg/M3	U
106-43-4	4-Chlorotoluene	C 1010-1265	0.011	0.011	mg/M3	U
99-87-6	4-Isopropyltoluene	C 1010-1265	0.0050	0.0050	mg/M3	U
95-63-6	1,2,4-trimethylbenzene	C 1010-1265	0.0053	0.0053	mg/M3	U
135-98-8	sec-Butylbenzene	C 1010-1265	0.0067	0.0067	mg/M3	U
98-06-6	tert-Butylbenzene	C 1010-1265	0.0050	0.0050	mg/M3	U
541-73-1	1,3 Dichlorobenzene	C 1010-1265	0.0063	0.0063	mg/M3	U
106-46-7	1,4-Dichlorobenzene	C 1010-1265	0.0080	0.0080	mg/M3	U
104-51-8	n-Butylbenzene	C 1010-1265	0.0073	0.0073	mg/M3	U
95-50-1	1,2-Dichlorobenzene	C 1010-1265	0.0037	0.0037	mg/M3	U
96-12-8	1,2-Dibromo-3-chloropropane	C 1010-1265	0.0080	0.0080	mg/M3	U
120-82-1	1,2,4-Trichlorobenzene	C 1010-1265	0.0080	0.0080	mg/M3	U
87-68-3	Hexachlorobutadiene	C 1010-1265	0.0040	0.0040	mg/M3	U
91-20-3	Naphthalene	C 1010-1265	0.0070	0.042	mg/M3	
87-61-6	1,2,3-Trichlorobenzene	C 1010-1265	0.028	0.028	mg/M3	U
1634-04-4	MTBE	C 1010-1265	0.021	0.021	mg/M3	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Volatiles - EPA 8260B in AIR

Sample: L5818-2

Client Sample ID: Post-Carbon

Matrix: Air

Remarks: See Case Narrative

Analyzed Date: 06/23/2003

Type: Grab

Collected: 06/18/2003 10:30

Volume: 4.51 L

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1010-1265	101.0 %	(77 - 128)	
4774-33-8	DIBROMOFLUOROMETHANE	C1010-1265	111.0 %	(69 - 157)	
2037-26-5	TOLUENE-D8	C1010-1265	97.1 %	(70 - 124)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

06/24/2003

Case Narrative

EPA 8260:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.



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06/24/2003

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is a non-detect.
- J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.
- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- U - Entered when the analyte was analyzed for, but not detected.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- A - Flame AA
- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- F - Furnace AA
- P - ICP
- T - Titrimetric

OTHER QUALIFIERS

- ND - Not Detected
- NA - Not Applicable
- NR - Not Required
- * - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x - Outside Expected Range

OTHER

- All soil and sediment samples are reported on a dry weight basis.



ETL

Environmental Testing Laboratories, Inc.
208 Route 109 • Farmingdale • New York 11735
631-249-1456 • Fax: 631-249-8344

CHAIN OF CUSTODY DOCUMENT

L 5918

Project Name: <u> </u>		Project Manager: <u> </u>		Sampler (Signature): <u> </u>		(Print): <u> </u>	
Project Address: <u> </u>		J/N: <u> </u>		418.1 - TRPH		PH/Flash/React	
Client: <u> </u>		Type: <u> </u>		RCRA Metals		Pet. Prods./B100M	
SAMPLE INFO		Matrix: <u> </u>		PCB/Pesticides		625/8270/BN	
ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.	601602
1							BTX/BTEX
2							624/8260/8021
3							MTBE
4							
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6601 K Road, LEBRON
BAHNS, NY 12087
(813) 577-5227
Fax: (813) 577-0571
www.galson-lab.com

Mr. Matt Schieferstein
Anson Environmental Ltd.
771 New York Avenue
Huntington, NY 11743

June 26, 2003

DOH ELAP# 11626

Account# 13658

Login# L94097

Dear Mr. Schieferstein:

Enclosed are the analytical results of the samples received by our laboratory June 19, 2003. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report.

Results in this report are based on the sampling data provided by the client and refer only to items tested. Unless otherwise requested, all samples will be discarded thirty days from the date of this report.

Please contact your client service representative, Mike Palmer at (888) 577-5227, extension 232, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst
Laboratory Director

Enclosure(s)

**Galson**

Laboratories

6601 Kirkville Road

P.O. Box 369

E. Syracuse, NY 13057-0369

Tel: (315) 437-7252 888-577-Labs (5227)

Fax: (315) 437-0571

Request For Industrial Hygiene AnalysisCompany Name: Ansen Environmental Ltd. Account #: 13653Site Name: Westbury Valet CleanersSampled By: M. Schieferstein Project #: 03011☐ Check if
Change of
AddressReport to: Ansen Environmental LtdInvoice to: Same as reportc/o Matt Schieferstein771 New York AveHuntington NY 11743Phone: (631) 351-3553Phone: ()☐ Purchase order number: _____☒ Verbal Authorization: Matt Schieferstein☐ Credit Card (type): _____

Card #: _____

Exp Date: _____

☒ Standard Turn-Around Time (5 business days)☐ Same Day (SD)

Next Day (ND)

☐ 12PM☐ 5PM☐ 2 Day☐ 3 Day☐ 4 Day

Surcharges: SD = 200%

ND by 12PM = 150%

ND by 5PM = 100%

2 Day = 75%

3 Day = 50%

4 Day = 35%

☒ Fax Results to: Matt SchiefersteinFax #: (631) 351-3615☒ Email Results to: Staff@ansentel.com

Sample Identification	Date Sampled	Sample Medium Catalog # / Lot #	Air Sample Volume (liters)*	Analysis Requested	Method Reference
Sup. Bedroom AZ 2720	6/17 - 6/18	3M 3500	24 hours	Perchloroethylene	NYS DOH 311-9 NIOSH 1003
Common Basement AZ 2456	↓	↓	↓	↓	Per Matt 6/12
Sup. Living Room AZ 2696	↓	↓	↓	↓	
Chiropractor AZ 2605	↓	↓	20 hours	↓	
Blank AZ 2564	-	↓	-	↓	↓

If blanks are not submitted, our policy states that a laboratory blank will be added for each analyte and it will be charged at the normal rate. IF YOU DO NOT WANT A LABORATORY BLANK ADDED PLEASE CHECK BOX ☐

*For passive monitors please list time exposed in minutes.

Comments (Please list any known interferences present in sampling area): _____

Chain of Custody

Print Name

Signature

Date/Time

Relinquished by:

Matthew F. Schieferstein

6/14/03

Received by LAB:

A. Graf

Samples received after 3pm will be considered as next day's business.



600 Kew-Forest Road
East Rutherford, NJ 07073
Tel: 201-437-5027
Fax: 201-437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Anson Environmental Ltd.
Site : Westbury Valet Cleaners
Project No. : 03011

Date Sampled : 17-JUN-03 - 18-JUN-03 Account No.: 13658
Date Received : 19-JUN-03 Login No. : L94097
Date Analyzed : 25-JUN-03

Perchloroethylene

Sample ID	Lab ID	Time minutes	Total ug	Conc ug/m3
SUP. BEDROOM AZ 2720	L94097-1	1440	0.51	12
CMN BASEMENT AZ 2456	L94097-2	1440	0.8	19
LIVING RM. AZ 2696	L94097-3	1440	0.53	13
CHIROPRACTOR AZ 2605	L94097-4	1200	0.43	12
BLANK AZ 2564	L94097-5	NA	<0.03	NA

REMARKS: Total ug corrected for a desorption efficiency of 103%.

Level of quantitation: 0.03 ug
Analytical Method : NYS DOH 311-9
OSHA PEL (TWA) : 100 ppm
Collection Media : OVM

Submitted by: AS
Approved by : JMT
Date : 26-JUN-03
QC by: 
NYS DOH #: 11626

-Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
-Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
-Not Applicable	ND -Not Detected	ppm -Parts per Million	

Appendix C

Indoor Air Sampling Data

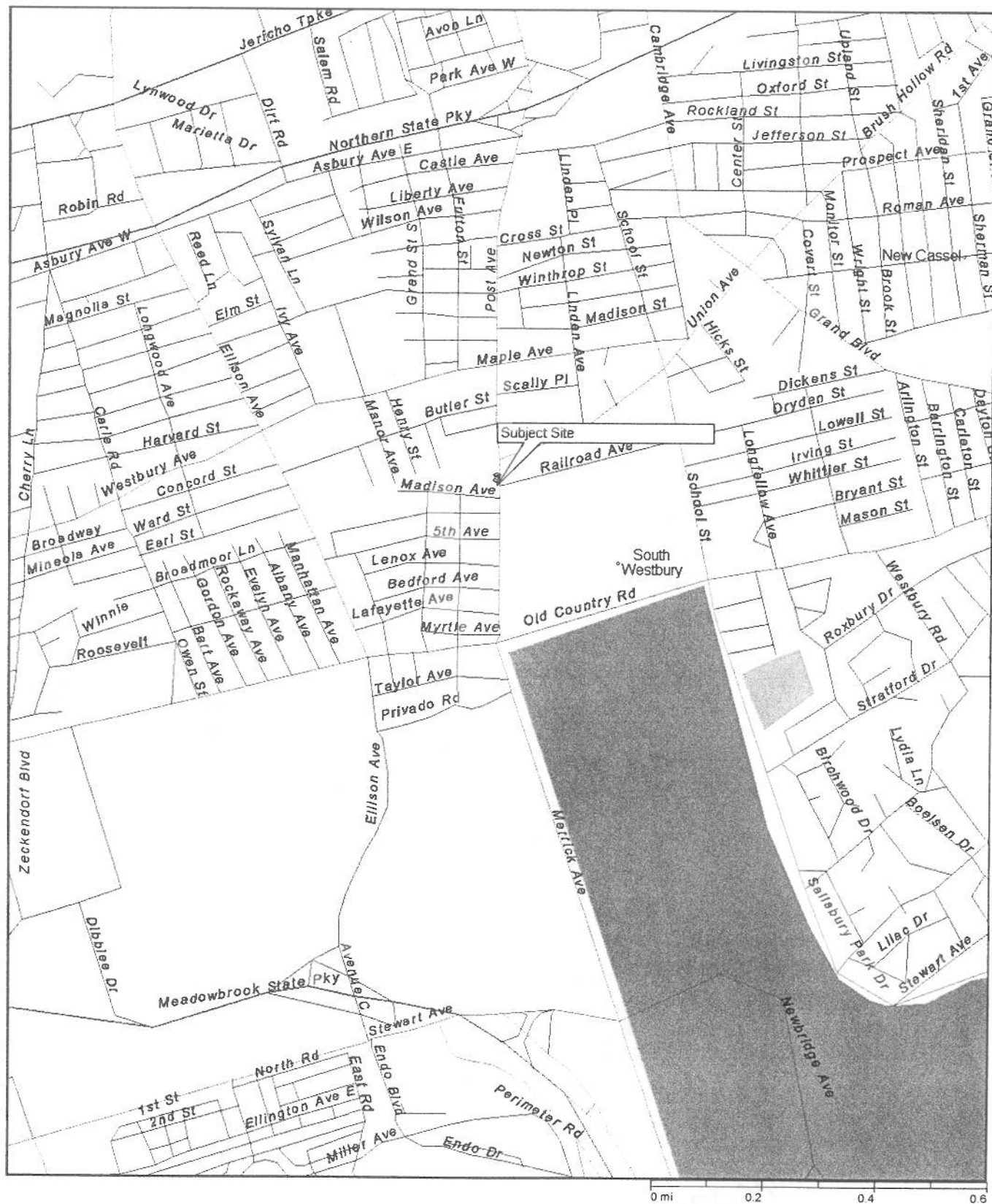
123 Post Avenue (Si
Indoor Air Sampling for

Sampling location		Result (mcg/m ³)					9/10-11/01
		02/20-21/2001	3/27-28/2001	4/18-19/2001	5/16-17/2001	6/27-28/2001	
		DOH/NCDH	DOH/NCDH	DOH/NCDH	DOH/NCDH	DOH/NCDH	DOH/NCDH
Westbury Chiropractic Center	125 Post Ave.						
1st Floor Waiting Room		1,520 and 1,580	NS	NS	192	44	NS
1st Floor Rear Office		1,770	NS	NS	192	50	NS
Super Super Convenience Store	129 Post Ave.						
1st Floor Counter Area		400	NS	NS	NS	14	NS
Rear of Store		NS	NS	NS	45.3	NS	NS
Common Basement		1,900 and 1,930	NS	NS	831 and 1,020	86 and 96	NS
John's Custom Tailor	127 Post Ave.						
1st Floor Work Room		NS	1540	NS	203	NS	NS
1st Floor Near Counter		NS	NS	NS	NS	51	NS
Westbury Terrace Condominiums	135 Post Ave.						
1st Floor - Manager's Office		NS	500	NS	NS	NS	NS
1st Floor Workshop		NS	NS	29.3	3.2	NS	NS
1st Floor - Hall Outside Supt's Apt.		NS	NS	664	NS	NS	NS
Boiler Room, South Wing		NS	< 5	NS	NS	NS	NS
1st Floor Lobby		NS	95	NS	61.6	5 [PL]	NS
6th Floor Stairwell Landing		NS	NS	NS	93.6	5 [PL]	NS
Hallway outside Apt. 3R		NS	NS	NS	66.4	5 [PL]	NS
Apt. 2R - Living Room		NS	NS	NS	5.1	NS	NS
1st Floor Meter Room		NS	NS	NS	6.3 and 5.4	NS	NS
Gomez Residence	135 Post Ave.						
1st Floor - Supt's Living Room		NS	7,300	7,400	464	12	10
1st Floor - Daughter's Bedroom		NS	NS	NS	233	NS	12
1st Floor - Supt's Master Bedroom		NS	NS	4,800	NS	17	12
1st Floor - 3rd (Far) Bedroom		NS	NS	NS	NS	11	NS
Selassei Residence	125A Post Ave.						
2nd Floor Kitchen		NS	750	NS	98.8	7	NS
2nd Floor Living Room		NS	NS	NS	NS	NS	NS
Hernandez Residence	125B Post Ave.						
2nd Floor Bedroom		NS	700	NS	NS	18	NS
Outdoor sample		15	15 and 16	NS	1.4	5 [PL]	NS
Trip Blank		0.008 mcg	0.01 mcg	0.17 mcg	0.015	0.01 mcg	0.02

Notes: The symbol "<" means "less than." A concentration preceded by this symbol means that the compound was not detected in the sample.
The [PL] notation indicates that the compound was present in the sample, but at a concentration less than the detection limit.
The [SU] notation indicates that the reported concentration is suspect.
* Duplicate sample.

Appendix D

Maps and Distances



MICROSOFT AUTOCAP
Streets Plus

Figure # 1
Westbury Valet Dry Cleaners, 123 Post Avenue, Westbury, NY 11590

Distances Based on Maps

New Well Locations

RW1-P1	24 ft
RW1-P2	36 ft
RW1-P3	45 ft
RW1-P4	55 ft
RW1-P5	70 ft
RW1-P6	37 ft
RW1-RW2	64 ft
RW1-RW3	79 ft
RW1-RW4	85 ft
RW1-MW1	33 ft
RW1-MW2	77 ft
RW1-MW3	62 ft

RW2-P1	78.5 ft
RW2-P2	87 ft
RW2-P3	96 ft
RW2-P4	104.5 ft
RW2-P5	8 ft
RW2-P6	27.5 ft
RW2-RW1	64 ft
RW2-RW3	20 ft
RW2-RW4	69.5 ft
RW2-MW1	84 ft
RW2-MW2	17.5 ft
RW2-MW3	3.5 ft

RW3-P1	96 ft
RW3-P2	105.5 ft
RW3-P3	114.5 ft
RW3-P4	123.5 ft
RW3-P5	12 ft
RW3-P6	43 ft
RW3-RW1	79 ft
RW3-RW2	20 ft
RW3-RW4	60 ft
RW3-MW1	102.5 ft
RW3-MW2	2.5 ft
RW3-MW3	23.5 ft

RW4-P1	108.5 ft
RW4-P2	120.5 ft
RW4-P3	129.5 ft
RW4-P4	139.5 ft
RW4-P5	65 ft
RW4-P6	67.5 ft
RW4-RW1	85 ft
RW4-RW2	69.5 ft
RW4-RW3	60 ft
RW4-MW1	117 ft
RW4-MW2	66 ft
RW4-MW3	71.5 ft
RW4-129 Post Ave NW Corner	65 ft

Appendix E

Field Logs and Data Sheets

* NEED WD40 FOR BOLTS *

4/23/03 Matt off-site @ 1315 to

conduct Monthly dam and collect Air Data

no water in MS

Off site @ 1341

5/29/03 Dan & Anthony on-site @ 1245

Monthly O+M & collect Air Data

Off site @ 1250 no key

5/30/03 Dan on-site @ 1130

Monthly O+M

Off site @ 1215

6/17/03

DA on-site. System still so far and on.
installed PEE badges at supervisor's
office apartment (Mr. Gomez). One badge
in living room and one in bedroom.
Installed on lights at 1030 am. Installed
badge in basement of deli and fireplace
at 1050 am.

John installed badge near TV in
chiropractors office at 3pm.

6/18/03 Matt on-site @ 0915

Picked up PEE Badges from sup. living room
& Bedroom @ 1000. Picked up PEE Badges from
common basement @ 1010.

Conducting dam procedures & then
shutting down SUE for 1st Poling Period.
System off @ 1040

Collected PEE Data from ch. operator @ 1041

AEI off-site @ 1042

123 Post Ave
Westbury, NY

O&M CHECKLIST FOR SVE/AIR SPARGE SYSTEM

Date 6/14/03

Inspected By: Matt Schickelstein

Control Panel	Arrival	Departure
System	<u>On</u> / Off	On / <u>Off</u>
SVE Relief Valve	Open / <u>Closed</u>	<u>O</u> cfm

SVE SYSTEM INSIDE TRAILER

Was Moisture Separator Emptied?	Yes / <u>No</u>
Moisture Disposal Drum	F / 75 / 50 / <u>25</u> / E

SVE WELL READINGS (INSIDE TRAILER)

SVE WELL #	Flow	PID Readings	Vacuum	Ball Valve
RW1-S	<u>43</u> cfm	<u>0.0</u> ppm	<u>8</u> inches of Water	<u>O</u> / 75 / 50 / 25 / C
RW2-S	<u>65</u> cfm	<u>0.0</u> ppm	<u>8</u> inches of Water	<u>O</u> / 75 / 50 / 25 / C
RW3-S	<u>465</u> cfm	<u>5.4</u> ppm	<u>15</u> inches of Water	<u>O</u> / 75 / 50 / 25 / C
RW4-S	<u>52</u> cfm	<u>1.6</u> ppm	<u>12</u> inches of Water	<u>O</u> / 75 / 50 / 25 / C
	cfm	ppm	inches of Water	O / 75 / 50 / 25 / C
	cfm	ppm	inches of Water	O / 75 / 50 / 25 / C
	cfm	ppm	inches of Water	O / 75 / 50 / 25 / C
	cfm	ppm	inches of Water	O / 75 / 50 / 25 / C

SVE SYSTEM FLOW

	Pre-Blower	Post Blower	Exhaust	Moisture Separ.
Vacuum	<u>40</u> inch of water			<u>38</u> inch of Water
Pressure		<u>13</u> inches of water		
Flow	<u>196</u> cfm	<u>210</u> cfm	<u>234</u> cfm	

CARBON SYSTEM

	Pre-Carbon	Between Carbon	Post Carbon	Notes
PID	<u>1.6</u> ppm	<u>1.1</u> ppm	<u>0.0</u> ppm	
Gastec	<u>/</u> ppm	<u>/</u> ppm	<u>/</u> ppm	
Temp	<u>65</u> degrees F	<u>65</u> degrees F	<u>65</u> degrees F	

SVE Radius of Influence

Piezometer ID	Vacuum (inches of water)	Piezometer ID	Vacuum (inches of water)	Notes
P-1	<u>/</u>	P-6	<u>/</u>	
P-2	<u>/</u>			
P-3	<u>/</u>			
P-4	<u>/</u>			
P-5	<u>/</u>			