

**2009  
Periodic Review Report  
Mr. C's Dry Cleaners Site  
NYSDEC Site No. 9-15-157  
Village of East Aurora  
Erie County, New York**

**April 2010**

**Prepared for:**

**NEW YORK STATE  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION  
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## List of Abbreviations and Acronyms

AGC	annual guideline concentrations
AS	air sparging
ATDV	automatic tank drain valve
BGS	below ground surface
BTEX	benzene, toluene, ethyl benzene, and xylene
CRV	condensate removal valve
cVOC	chlorinated volatile organic compound
EEEPCC	Ecology and Environment Engineering, P.C.
EPA	(United States) Environmental Protection Agency
FS	Feasibility Study
GAC	granular activated carbon
gpm	gallons per minute
IAQ	indoor air quality
IC/EC	institutional controls and engineering controls
IO&MM	Inspection, Operations, Maintenance, and Monitoring
Iyer	Iyer Environmental Group, PLLC
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
Matrix	Matrix Environmental Technologies, Inc.
MBE	minority-owned business enterprise
Mitkem	Mitkem Corporation
MPI	Malcolm-Pirnie, Inc.
Mr. C's	Mr. C's Dry Cleaners Site
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
O & M	operation and maintenance

## List of Abbreviations and Acronyms (cont.)

OM&M	operations, maintenance, and monitoring
OMEI	O&M Enterprise, Inc.
PCE	perchloroethylene or tetrachloroethene
PLC	program logic controller
PRR	Periodic Review Report
PVC	polyvinyl chloride
RI	remedial investigation
ROD	record of decision
SGC	short-term guideline concentrations
SMP	Site Management Plan
SPDES	State Pollution Elimination Discharge System
SSDS	sub-slab depressurization system
STL	Severn-Trent Laboratories, Inc.
SVE	soil vapor extraction
SVII	Soil Vapor Intrusion Investigation
TAGM	Technical and Administrative Guidance Memorandum
TCE	trichloroethylene
TUO	temporary use and occupancy
Tyree	The Tyree Corporation
VOC	volatile organic compound

**Site Certification Forms  
(Enclosure 1)  
Mr. C's Dry Cleaners Site  
NYSDEC Site Number – 9-15-157**





NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Site Management Periodic Review Report Notice  
Institutional and Engineering Controls Certification Form



Site No.	Site Details	Box 1
915157		
<b>Site Name Mr. C's Dry Cleaners</b>		
Site Address: 586 Main Street	Zip Code: 14052	
City/Town: East Aurora		
County: Erie		
Current Use: Structure		
Intended Use:		

Verification of Site Details	Box 2	
	YES	NO
1. Are the Site Details above, correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, are changes handwritten above or included on a separate sheet?	<input type="checkbox"/>	NA
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment since the initial/last certification?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	<input type="checkbox"/>	
3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property since the initial/last certification?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	<input type="checkbox"/>	
4. Has a change-of-use occurred since the initial/last certification?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	<input type="checkbox"/>	
5. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment for offsite contamination are no longer valid ?	<input type="checkbox"/>	<input type="checkbox"/> NA
If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	<input type="checkbox"/>	
6. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years) ?	<input type="checkbox"/>	<input type="checkbox"/> NA
If NO, are changes in the assessment included with this certification?	<input type="checkbox"/>	

SITE NO. 915157

Box 3

**Description of Institutional Control**

**Control Certification**

Permanent Environmental Easements

YES  NO

for all Mr. C's Remedial Treatment Equipment

Box 4

**Description of Engineering Control**

**Control Certification**

Operation, Maintenance, and Monitoring  
of all Environmental Treatment Operations

YES  NO

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable.  
(Also see instructions)

**Control Description for Site No.**

915157

**Control Certification Statement**

For each Institutional or Engineering control listed above, I certify by checking "Yes" that all of the following statements are true:

- (a) the Institutional Control and/or Engineering Control employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (d) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control.
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

IC/EC CERTIFICATIONS  
SITE NO. 915157

Box 5

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I \_\_\_\_\_ at New York State Department of Environmental Conservation; 625 Broadway; Albany, NY 12233  
print name print business address

am certifying as \_\_\_\_\_ (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

\_\_\_\_\_  
Signature of Owner or Remedial Party Rendering Certification

\_\_\_\_\_  
Date

Box 6

**QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE**

I certify that all information and statements in Box 4 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Gerald A. Strobel at Ecology and Environment Engineering, P.C.  
368 Pleasant View Dr.; Lancaster, NY 14086  
print name print business address

am certifying as a Qualified Environmental Professional for the Mr. C's Dry Cleaners Site

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.



Gerald Strobel  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering  
Certification

Stamp (if Required)

4/19/10  
Date

# 1

## Introduction and Background

This Periodic Review Report (PRR) presents information on the operations, maintenance, monitoring, and compliance activities and associated costs for the Mr. C's Dry Cleaners site during calendar year 2009. This PRR also provides the Site Management Periodic Review Report Notice, Institutional and Engineering Controls Certification Form (see Enclosure 1). The chlorinated volatile organic compound (cVOC) contaminant plume (consisting mainly of tetrachloroethene and its degradation by-products) extends beyond the immediate Mr. C's treatment system facility. Therefore, this PRR was prepared for the following systems located in the village of East Aurora, Erie County, New York, which are collectively operated, maintained, and monitored under the overall Mr. C's Work Assignment:

- The Mr. C's remedial treatment system, located at 586 Main Street (see Figure 1-1)
- The groundwater pumping and monitoring network
- The former Agway Retail Store and Agway Energy Products site air sparging and soil vapor extraction unit (AS/SVE), located at 566 Main Street
- The First Presbyterian Church sub-slab depressurization system (SSDS), located at 9 Paine Street, and the 27 Whaley Avenue residence SSDS (see Figure 1-2, back pocket)

### 1.1 Site Description

#### Mr. C's Dry Cleaners Site

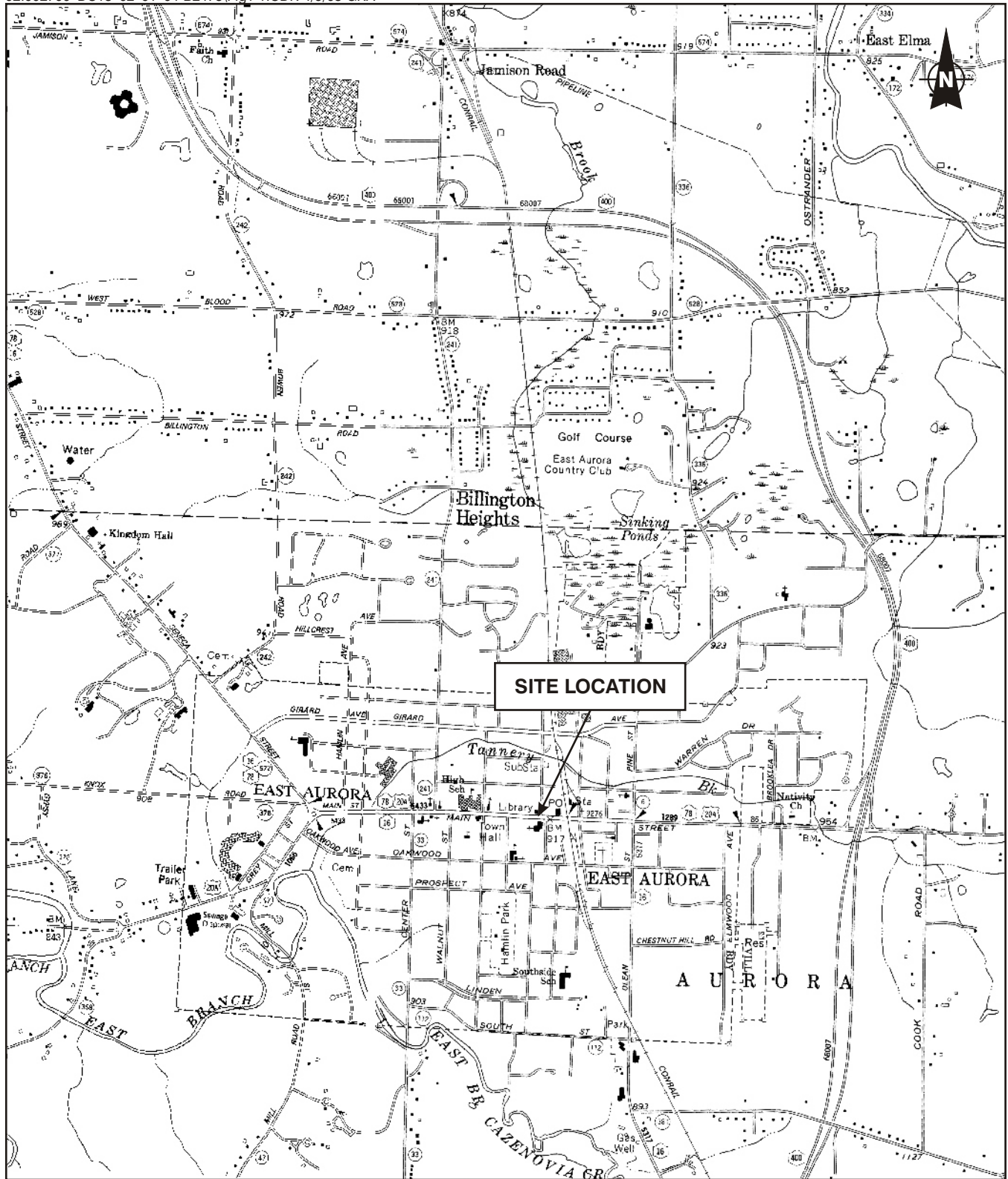
The remedial treatment system consists of nine groundwater-pumping wells, a treatment system, and appurtenances at the Mr. C's site. The groundwater wells pump contaminated groundwater to the treatment system located at the Mr. C's site. The treatment facility uses air stripping to treat the contaminated groundwater. The treated effluent is then discharged through 1,300 linear feet of double-walled PVC piping to Tannery Brook, a small tributary of the East Branch of Caenovia Creek that flows through the village of East Aurora.

**Agway and Agway Energy Products Site**

The existing remedial treatment system at the site includes eight air sparging (AS) points, nine fully screened vapor extraction points, and approximately 200 linear feet of soil-vapor extraction (SVE) collection piping that collects extracted vapor contaminants to a central location and discharges them at one central emission point into the atmosphere.

**First Presbyterian Church and 27 Whaley Avenue Residence**

Three SSDS units were installed at the First Presbyterian Church. One SSDS unit was installed in the 27 Whaley Avenue private residence. As a part of the installation program, the head custodian at First Presbyterian Church and the property owner at 27 Whaley Avenue were instructed on the general operations of the SSDS units and provided with contact information for EEEPC and the OM&M subcontractor in the event electrical or mechanical issues are encountered with the unit(s). The systems operate on a continuous basis. The access agreements for both SSDS unit inspections and maintenance are included in the Site Management Plan (SMP).



SOURCE: NYS Department of Transportation Raster Quadrangle, 1988.

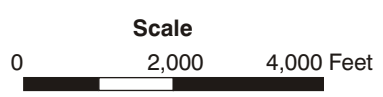


Figure 1-1 General Site Location Map

# 2

## Remedial Systems Compliance

The regulatory compliance requirements for the remedial treatment system deal primarily with the discharge of treated effluent waters from the Mr. C's site. The original State Pollution Elimination Discharge System (SPDES) Equivalency Permit for the Mr. C's site remedial treatment system was obtained in 2001 and expired in April 2006 and was not renewed. Continuance of the SPDES permit will be handled by the NYSDEC project manager.

In 2009, the remedial operating units associated with the Mr. C's site were in compliance with the operating requirements for remedial treatment. Information regarding each individual operating unit is presented in the following subsections.

### 2.1 Mr. C's Site

#### Water

In 2009, the remedial treatment system met the SPDES discharge permit requirements. The current effluent criteria used for the remedial treatment system at the Mr. C's site are presented in Table 2-1. Effluent criteria are based on an SPDES Equivalency Permit.

**Table 2-1 Mr. C's Dry Cleaners Site Remediation, Effluent Criteria**

Parameter/Analyte	Daily Maximum <sup>1</sup>	Units
Flow	216,000	gpd
pH	6.0 - 9.0	standard units
1,1 Dichloroethene	10	µg/L
1,2 Dichloroethane	10	µg/L
Trichloroethene	10	µg/L
Tetrachloroethene	10	µg/L
Vinyl Chloride	10	µg/L
Benzene	5	µg/L
Ethylbenzene	5	µg/L
Methylene Chloride	10	µg/L
1,1,1 Trichloroethane	10	µg/L
Toluene	5	µg/L
Methyl-t-Butyl Ether	NA	µg/L
o-Xylene	5	µg/L

**Table 2-1 Mr. C's Dry Cleaners Site Remediation, Effluent Criteria**

Parameter/Analyte	Daily Maximum <sup>1</sup>	Units
m, p-Xylene	10	µg/L
Total Xylenes	NA	µg/L
Iron, total <sup>2</sup>	600	µg/L
Aluminum <sup>2</sup>	4,000	µg/L
Copper <sup>2</sup>	48	µg/L
Lead <sup>2</sup>	11	µg/L
Manganese <sup>2</sup>	2,000	µg/L
Silver <sup>2</sup>	100	µg/L
Vanadium <sup>2</sup>	28	µg/L
Zinc <sup>2</sup>	230	µg/L
Total Dissolved Solids <sup>2</sup>	850	mg/L
Total Suspended Solids <sup>2</sup>	20	mg/L
Hardness	NA	mg/L
Cyanide, Free <sup>2</sup>	10	µg/L

Notes:

<sup>1</sup> "Daily Maximum" excerpted from Attachment E of Addendum 1 to the Construction Contract Document.

<sup>2</sup> Removed from the contaminant parameter list by NYSDEC Region 9 February 2005.

Key:

gpd = Gallons per day.

µg/L = Micrograms per liter.

mg/L = Milligrams per liter.

NA = Not applicable.

## Air

During the initial construction of the remedial treatment system in June 2002, two 6,500-pound vapor-phase GAC units were installed in series to absorb the residual contaminant-laden vapors after treatment from the air-stripping process. In September 2004, EEEPC prepared and submitted the *Review for the Necessity of Granular Activated-Carbon Units on the Influent Air Stream, Mr. C's Dry Cleaner's Site*, which evaluated the potential ambient air impacts resulting from the operation of the Mr. C's site air stripper without the vapor-phase GAC units. The results of the air modeling study demonstrated that the two vapor-phase GAC units were unnecessary. The results were subsequently evaluated and accepted by NYSDEC in October 2004. In January 2005, the two vapor-phase GAC units were decommissioned, removed from the Mr. C's remedial treatment system, and sent to another NYSDEC site for use.

Currently, no regulatory air cleanup guidance has been established for the treated off-gasses from the air stripper that exhaust through the roof of the Mr. C's remedial treatment facility.



## 2.2 Agway and Agway Energy Products Site

### Groundwater

The regulatory groundwater cleanup guidance that was established for the Mr. C's site is currently being used at the former Agway and Agway Energy Products site. A limited volume of contaminated groundwater is generated as part of the remedial treatment system's air/water separator. Once the unit is half full, the liquids are containerized, transported on site, and pumped into the Mr. C's equalization tank for treatment.

PCE and TCE have been identified as contaminants in the lower aquifer at the Agway site. A number of groundwater wells at the Agway Energy Products site are used for long-term monitoring and analysis to evaluate the cleanup of groundwater and movement of contaminants around the site. The Agway site monitoring wells have been incorporated into the long-term groundwater monitoring network for the Mr. C's site. The results from periodic sampling/analysis events indicate the groundwater contaminant concentrations are still above the groundwater cleanup guidance requirements.

### Air

Currently, no regulatory air cleanup guidance has been established for the former Agway and Agway Energy Products site. While sampling and analysis is performed on the single-point air discharge from the treatment shed under the long-term monitoring program, the effluent discharge is not under the regulatory permit program. The reported air analysis for this discharge point (June 2006 and January 2009) indicated that 1,600  $\mu\text{g}/\text{m}^3$  and 492  $\mu\text{g}/\text{m}^3$  of PCE were being discharged over the respective one-hour sampling periods.

## 2.3 First Presbyterian Church and 27 Whaley Avenue Residence

### Groundwater

Groundwater pumping and discharge are not a part of the remedial operations at the First Presbyterian Church or at 27 Whaley Avenue, East Aurora, New York. Therefore, no regulatory permit requirements for groundwater discharge compliance sampling or analysis have been established for these locations.

### Air

The New York State Department of Health (NYSDOH) has determined that the concentrations of PCE and TCE in indoor air should not exceed 100  $\mu\text{g}/\text{m}^3$ . NYSDEC and the NYSDOH have not established regulatory requirements for the discharge of sub-slab air into the atmosphere from any of the fan discharge points. Therefore, EEEPC has adopted the inspection, operation, maintenance, and monitoring (IOM&M) program established and approved at other NYSDEC SSDS installations in New York State. The most recent reported air analysis (November 2008) for the fan emissions below the basement floor slab in the educational wing indicated that for one fan, 410  $\mu\text{g}/\text{m}^3$  of PCE were being discharged.

# 3

## Evaluation of Site Institutional and Engineering Controls

Both site institutional controls and engineering controls are employed on the Mr. C's Site to support remedial operations.

### 3.1 Institutional Controls

The permanent easements, temporary use and occupancy (TUO) agreements, and access agreements obtained to secure access to nine private and public properties in order to facilitate operation of the Mr. C's site remedial treatment system and groundwater pumping locations are identified in Table 3-1. Recommendations for new controls and/or modifications to existing controls also are listed in Table 3-1.

One of the agreements encompasses a portion of the Agway site as part of the ICs for the Mr. C's remediation project. The permanent easements and TUO agreements are adequate at this time, but if additional pumping wells are installed as part of the groundwater pumping system, additional easements would be required. Information on all the permanent easements and occupancy agreements for the Mr. C's site remedial treatment facility and groundwater pumping locations is provided in Appendix H of the SMP for this site. Information on current ownership of properties where additional easements may be necessary is included in Appendix A of this PRR.

Regarding the Agway property and existing remedial treatment unit and ancillary equipment (monitoring wells and treatment unit building), no permanent environmental easements or deed restrictions were issued or entered into by the owner to NYSDEC upon the deactivation of the treatment unit by Matrix Environmental in June 2004. The remedial treatment unit was reactivated by NYSDEC in November 2005 under the OM&M work assignment with EEEPC.

Temporary access agreements have been obtained by EEEPC on behalf of NYSDEC for the First Presbyterian Church and 27 Whaley Avenue properties to facilitate the operation, maintenance, and monitoring of the SSDS units. Copies of the signed access agreements are provided in Appendix K of the SMP for this site.

There are 23 operable groundwater monitoring wells in the groundwater monitoring well network. Twelve of these wells are located on private property, and 11

### 3. Evaluation of Site Institutional and Engineering Controls

are in the right-of-way of village streets or are covered by permanent easements. It is unknown whether access agreements were previously obtained for the future maintenance and monitoring of the various wells located on private property. The locations of the 23 operable groundwater monitoring wells in the groundwater monitoring well network, including those on private property, are identified in the 2009 Long-term Groundwater Sampling and Data Summary Report.

**Table 3-1 Institutional Controls: Review of Easements/TUOs**

Location	Controls in Place?	Extent and Type of Control	Recommend:	
			New	Modify
Mr. C's Dry Cleaners site (586 Main St.) and the former Crawford property (584 Main St.), both owned by Deltora, LLC.	Y	TUO for piping and treatment facility	N	N
Agway Site (566 Main St.)	Y	TUO for drainage pipeline, construction easement for rectangular area north of pipeline (expired), temporary vehicle parking for library patrons (2001) (expired), and vehicular parking for Department and contractor employees for the duration of the agreement (expired).  <b>New or Modified Control:</b> No known easement for the existing wells on the corner of Whaley Avenue and Main Street. Propose TUO for MWs 1-14, MPI-103, PW-2, and PW-3 and proposed well EE-4 <sup>1</sup> .	Y	N
First Presbyterian Church (9 Paine St.)	Y	Temporary access agreement for inspection and maintenance on SVE systems.  <b>New or Modified Control:</b> No known easement for existing monitoring wells. Propose modification to TUO to include MPI-3S, MPI-1S, ESI-6, and MPI-12B and proposed well EE-3 <sup>1</sup> .	Y	Y <sup>2</sup>
27 Whaley Ave. (DeBois Property)	Y	Temporary access agreement for inspection and maintenance on SVE system.	N	N
East Aurora Public Library (550 Main St.)	Y	Permanent easement for the purposes of construction, reconstruction, and maintaining thereon of drainage pipeline, drainage structures, and appurtenances.  <b>New or Modified Control:</b> No known easement for the monitoring wells on the east side of the library property. Propose modification to easement or new TUO to include MPI-4S, MPI-4I, and MPI-4D.	Y	Y <sup>2</sup>
Pitt Property (19 Whaley Ave.)	Y	TUO for appurtenances on southeast corner of property (PW-5 and PZ5A-D).	N	N <sup>2</sup>

### 3. Evaluation of Site Institutional and Engineering Controls

**Table 3-1 Institutional Controls: Review of Easements/TUOs**

Location	Controls in Place?	Extent and Type of Control	Recommend:	
			New	Modify
Brownschidle Property (578 Main St.)	Y	TUO for drainage pipeline.	N	N
People, Inc., Property (538 Main St.)	Y	TUO for drainage line pipe on northeast corner of property.  <b>New or Modified Control:</b> No known easement for the appurtenances on the property. Propose TUO for EE-2, PW-8, and PZA-D.	Y	N
Village of East Aurora	Y	TUO for Ridge Road and outlet to Tannery Brook, and Whaley Avenue right-of-way.  <b>New or Modified Control:</b> No known easement for the monitoring wells on the Paine Street right-of-way (ESI-5, ESI-4, and EE-1) or Fillmore Avenue (MPI-13B and MPI-14B). Propose TUO for these wells.	Y	N
Railroad Property	N	<b>New or Modified Control:</b> Propose TUO for MW ESI-1.	Y	NA
Deltora Property (584 Main St.)	N	<b>New or Modified Control:</b> Propose TUO for MW MPI-2S.	Y	NA
Future Fitness Inc. Property (594 Main St.)	N	<b>New or Modified Control:</b> Propose TUO for MW ESI-2.	Y	NA
524 Main St.	N	No TUO for MW MPI-11B. Well has never been sampled.	N	NA
Krastev Property (510 Main St.)	N	<b>New or Modified Control:</b> Propose TUO for proposed replacement for MPI-11B.	Y	NA
Iwankow Property (511 Fillmore Ave.)	N	<b>New or Modified Control:</b> Propose TUO for MPI-15B.	Y	NA

Notes:

<sup>1</sup> Wells were proposed as part of Monitoring Well Network Upgrades in an email to NYSDEC in September 2009.

<sup>2</sup> Modification would be needed for any other type of remedial work.

Key:

- MW = Monitoring Well.
- N = No.
- NA = Not Applicable.
- PW = Pumping Well.
- TUO = Temporary Use and Occupancy Agreement.
- Y = Yes.

### 3.2 Engineering Controls

The ECs that support remedial operations at each operable unit, including Mr. C's, Agway, First Presbyterian Church, and 27 Whaley Avenue are described in Tables 3-2 through 3-6. Routine inspections ensure that ECs are operating consistently. These OM&M service inspection requirements are provided in Appendix B of this PRR.

### 3. Evaluation of Site Institutional and Engineering Controls

**Table 3-2 Engineering Controls – Mr. C’s**

EC Description	In Place?	Operating?	Still Required?
Bag filters	Y	Y	Y
Air stripper	Y	Y	Y
Blowers	Y	Y	Y
Equalization tank	Y	Y	Y
Influent/effluent conveyance piping	Y	Y	Y
Groundwater pumping wells and pumps	Y	Y	Y
Sequestering agents and pumps	Y	Y	Y

**Table 3-3 Engineering Controls – Agway**

EC Description	In Place?	Operating?	Still Required?
Air sparge compressor	Y	Y	Y
Vacuum system blower	Y	Y	Y
Air sparge piping and injection points	Y	Y	Y
Vapor extraction points and piping	Y	Y	Y
Groundwater monitoring wells: MW 7, MPI 10B <sup>1</sup>	Y	Y	Y

<sup>1</sup> Monitoring wells located on the Agway site during the November inspection; other monitoring wells on the Agway site are included in Table 3-6.

**Table 3-4 Engineering Controls – First Presbyterian Church**

EC Description	In Place?	Operating?	Still Required?
SSDS units (3) and vapor extraction piping	Y	Y	Y

**Table 3-5 Engineering Controls – 27 Whaley Avenue**

EC Description	In Place?	Operating?	Still Required?
SSDS units (1) and vapor extraction piping	Y	Y	Y

### 3. Evaluation of Site Institutional and Engineering Controls

**Table 3-6 Engineering Controls – Area-wide Monitoring Well Network**

EC Description	In Place?	Operating?	Still Required?
Groundwater Monitoring Wells	Y <sup>1</sup>	Y <sup>1</sup>	Y <sup>1</sup>
Piezometers	Y	Y	Y

<sup>1</sup> Improvements to the monitoring well network were proposed in September 2009. These include formally decommissioning or abandoning 16 wells, replacing nine wells, and installing two new wells. These improvements will better define the contaminant plume and simplify the reporting to exclude non-critical or inoperable wells.

# 4

## Evaluation of Remedial Treatment Operations

The following section describes the remedial treatment system operations at the Mr. C's, Agway, First Presbyterian Church, and Whaley Avenue properties.

### 4.1 Mr. C's Dry Cleaners Site

A summary of the remedial treatment operations at the Mr. C's site for the 12 months from January 6, 2009, to January 5, 2010, is provided below.

#### System Operational Uptime in 2009

The operational uptime percentages are calculated based on actual monthly hours of treatment system operations in the reporting period divided by the potential hours of operation in the reporting period.

Local power outages or equipment failure do affect operations of the remedial treatment system. To limit these downtimes, the system has an auto-dialer that sends an alarm to the OM&M subcontractor and EEEPC if an equipment failure occurs. In addition, the treatment facility can be called at (716) 652-0094 to check on the status of the various operating equipment in the building.

In 2009, based on information from the weekly OM&M reports from the subcontractor, the remedial treatment system operated 8,616 hours out of a possible 8,760 hours, for an uptime operation of approximately 98.36%. This is a slight increase of 0.05% over the system uptime operations in 2008. Table 4-1 provides details on the monthly operation of the treatment system. The low operational uptime in the month of February is explained by corrective action cleaning and maintenance of the air stripper unit from February 26 to March 4, 2009.

#### Groundwater Processed and Discharged through the Remedial Treatment System in 2009

The amount of groundwater processed and discharged is directly read from the effluent discharge meter located after the air-stripper unit. Readings are taken weekly and then calculated for each monthly reporting period.

#### 4. Evaluation of Remedial Treatment Operations

**Table 4-1 Treatment System Uptime in 2009, Mr. C's Dry Cleaners Site**

Reporting Period	Reporting Hours/ Maximum Hours	Operational Uptime (%)
January 6, 2009 - February 2, 2009	672/672	100.00
February 2, 2009 - March 5, 2009	600/744	80.65
March 5, 2009 - April 2, 2009	672/672	100.00
April 2, 2009 - May 4, 2009	768/768	100.00
May 4, 2009 - June 2, 2009	696/696	100.00
June 2, 2009 - July 7, 2009	840/840	100.00
July 7, 2009- August 5, 2009	696/696	100.00
August 5, 2009 - September 2, 2009	672/672	100.00
September 2, 2009 - October 5, 2009	792/792	100.00
October 5, 2009 - November 3, 2009	696/696	100.00
November 3, 2009 - November 30, 2009	648/648	100.00
November 30, 2009 – January 5, 2010	864/864	100.00
<b>Total Hours of Operation in 2009</b>	<b>8,616</b>	
<b>Average Operational Up-time in 2009:</b>		<b>98.36</b>

Note: The air stripper was down for 144 hours for teardown and cleaning. This corrective action was necessary due to a non-compliance analytical result in February 2009.

In 2009, based on information obtained from the weekly monitoring reports from the OM&M subcontractor, the remedial treatment system processed and discharged 10,106,007 gallons of treated groundwater to Tannery Brook (see Table 4-2). This was an increase of approximately 33% over the 7,581,425 gallons groundwater processed and discharged in 2008. The increase in treated flows from the treatment system can be attributed to the reconditioning of pumping wells, inspecting, and cleaning or replacements of pumps performed by the OM&M subcontractor (IEG), as directed by EEEPC. Discussion of the equipment improvement program is provided in Section 5 of this PRR.

**Table 4-2 Volumes of Groundwater Processed and Discharged by the Remedial Treatment System in 2009**

Month	Actual Period	Gallons
January 2009	1/6/09 to 2/2/09	1,179,389
February 2009	2/2/09 to 3/5/09	1,076,674
March 2009	3/5/09 to 4/2/09	1,240,757
April 2009	4/2/09 to 5/4/09	1,182,657
May 2009	5/4/09 to 6/2/09	891,641
June 2009	6/2/09 to 7/7/09	599,957
July 2009	7/7/09 to 8/5/09	503,759
August 2009	8/5/09 to 9/2/09	594,592
September 2009	9/2/09 to 10/5/09	664,557
October 2009	10/5/09 to 11/3/09	684,816
November 2009	11/3/09 to 11/30/09	625,832
December 2009	11/30/09 to 1/5/09	861,376
<b>Total Gallons Treated in 2009:</b>		<b>10,106,007</b>



#### 4. Evaluation of Remedial Treatment Operations

##### Chlorinated Volatile Organic Compounds Removal in 2009

The estimated amount of cVOCs removed is based on the analytical results for influent and effluent samples and the total flow processed. In 2009, based on calculations prepared by EEEPC, approximately 94.87 pounds of cVOCs were removed from the groundwater by the remedial treatment system (see Table 4-3). This was an increase of 6.9% over the 88.71 pounds of cVOCs removed in 2008. The small increase can be explained by a combination of the increased average pumping rate and a 23% reduction in influent contaminant concentrations from 2008 to 2009. Low flows coupled with low influent cVOC concentrations affected the low-performing months of June and July 2009. The overall efficiency of the treatment system in removing influent cVOCs for 2009 was 98.36%.

**Table 4-3 cVOCs Removal in 2009, Mr. C's Dry Cleaners Site**

Month	Actual Period	Influent cVOCs (µg/L)	Effluent cVOCs (µg/L)	Removal Efficiency (%)	VOCs Removed (pounds)
January 2009	1/6/09 to 2/2/09	950	11.40	98.8	9.24
February 2009	2/2/09 to 3/5/09	1594	0.80	99.9	14.32
March 2009	3/5/09 to 4/2/09	1046	0.00	100	10.82
April 2009	4/2/09 to 5/4/09	ND(<10.0)	ND(<1.0)	100	8.59
May 2009	5/4/09 to 6/2/09	957	0.00	100	7.12
June 2009	6/2/09 to 7/7/09	732	53.00	92.8	3.40
July 2009	7/7/09 to 8/5/09	752	0.00	100	3.16
August 2009	8/5/09 to 9/2/09	1294	0.92	99.9	6.41
September 2009	9/2/09 to 10/5/09	1713	0.00	100	9.50
October 2009	10/5/09 to 11/3/09	1184	0.00	100	6.77
November 2009	11/3/09 to 11/30/09	1333	1.4	99.9	6.96
December 2009	11/30/09 to 1/5/10	1195	0.67	99.9	8.58
<b>Total Amount of cVOCs Removed in 2009:</b>					<b>94.87</b>

Key:

cVOC = Chlorinated volatile organic compound.

µg/L = Micrograms per liter.

VOC = Volatile organic compound.

##### Historical Chlorinated Volatile Organic Compounds Removal

Both the amount of cVOCs removed and the total process volume have generally been decreasing since 2002; however, in 2008, the process volume treated increased from 2007 (see Figure 4-1).

#### 4. Evaluation of Remedial Treatment Operations

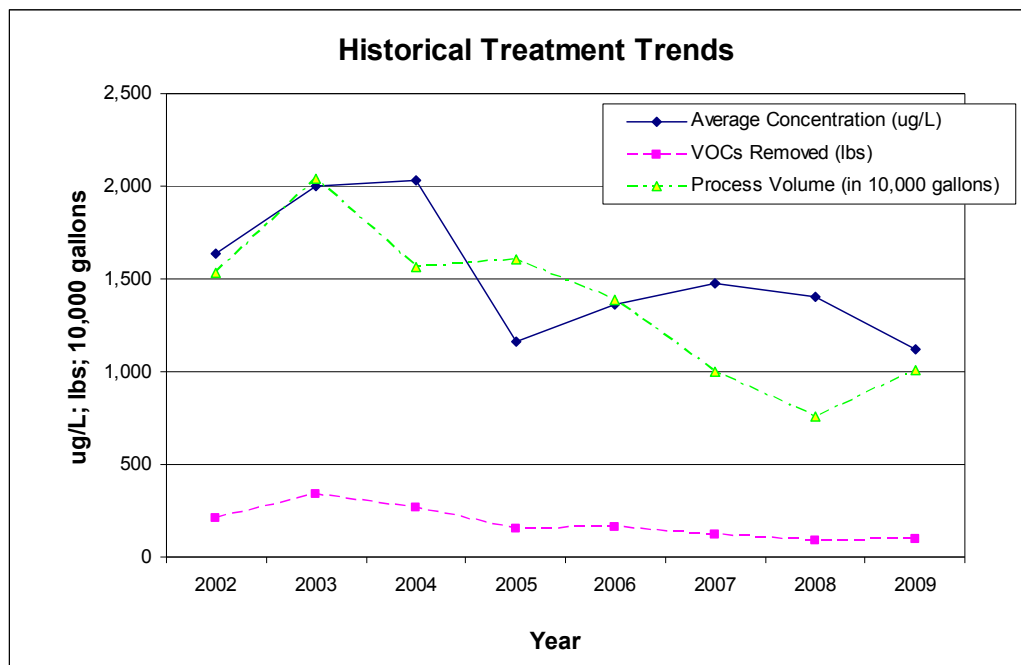


Figure 4-1 Historical Treatment Trends – Mr. C's Site

#### 4.2 Agway and Agway Energy Products Site

Air sampling of the system exhaust stack in January 2009 indicated that the AS/SVE system discharges about 492  $\mu\text{g}/\text{m}^3$  of PCE and 7.47  $\mu\text{g}/\text{m}^3$  of TCE per hour.

In 2009, the reconstruction of US Route 20A (Main Street) in East Aurora was completed. The current property owner, DelTora, Inc., allowed the road reconstruction contractor to utilize the Agway property for equipment and material storage. Issues with the Agway remedial treatment equipment were encountered, such as excess water entering into the soil vapor extraction system, and the covering of monitoring wells and air sparge heads with equipment and materials. In addition, the property frontage was disturbed by the relocation of gas, water, and sanitary sewer lines.

An inspection of the Agway site appurtenances in November 2009, after the reconstruction of Main Street, show that MW-4 has been destroyed. In addition, several J-boxes and wells have minor damage and have the potential for additional damage due to compaction, since uneven surfaces could lead to damage from snow plows. The vapor extraction and sparge points could not be easily evaluated, since they are underground, but sparge point SP-1 was visibly damaged but still functioning. Bubbling was observed in standing water above its location.

#### 4.3 First Presbyterian Church and 27 Whaley Avenue Residence

Routine inspections of the sub-slab depressurization systems, performed in November 2009, indicated the systems were operating as originally designed. The inspection forms completed for these locations in 2009 are provided in Appendix



#### ***4. Evaluation of Remedial Treatment Operations***

C. No air sampling was performed in 2009. Air sampling of one fan unit emission stack in November 2008 indicated that the SSDS system discharges about 416  $\mu\text{g}/\text{m}^3$  of PCE and 26.5  $\mu\text{g}/\text{m}^3$  of TCE per hour.

# 5

## General Status of Remedial Treatment Equipment Oversight Activities and Replacement Program

Operation and maintenance for the Mr. C's Dry Cleaners and Agway sites is performed on a weekly basis by EEEPC's OM&M subcontractor (IEG). In the event of a major component system malfunction, an auto-dialer primary contact alarm for the Mr. C's treatment system alerts IEG of the problem and a secondary alarm alerts EEEPC. Auto-dialer alarms are not connected to the Agway site treatment system, the SSDS units at the First Presbyterian Church, or the residential home at 27 Whaley Avenue. When equipment repairs are required, IEG reports them to EEEPC, and EEEPC reports them to NYSDEC. Information regarding all repairs performed on any of the four remedial systems is provided in the weekly OM&M report submitted to EEEPC and in a monthly report submitted to NYSDEC.

Analytical support services for groundwater and air analyses for all site and unit requirements are currently provided by Mitkem. The analytical frequency matrix is provided in Table 5-1.

**Table 5-1 Analytical Frequency Matrix, Mr. C's Dry Cleaners Site**

	Groundwater	Air	Schedule
■ Mr. C's Compliance Requirements			
a. Treatment System	X		Monthly
b. Groundwater Monitoring Wells Network	X		Two years
■ Agway Site		X	Two years
■ First Presbyterian Church		X	Two years
■ 27 Whaley Avenue Site		X	Two years

Equipment is inspected on a periodic basis, as needed. SSDS units are routinely inspected every year. The need for any additional adjustments to the systems or equipment replacement is evaluated on a case-by-case basis.

### 5.1 Remedial Treatment Condition, Replacement, and Repairs in 2009

The general condition of equipment and equipment replacements and repairs made in 2009 are summarized below.

## **5. General Status of Remedial Treatment Equipment Oversight Activities and Replacement Program**

### **5.1.1 Mr. C's Dry Cleaners Site**

Major components of the remedial treatment operations, including the chemical sequestering system, equalization tank, bag filters, blowers, air-stripping unit, and groundwater pumping system, continue to operate at a high rate of efficiency as a result of the weekly monitoring and maintenance program.

The groundwater pumping network remains in working condition. Items that have had higher maintenance requirements over the last few years have been the pumps and the level transducers for the groundwater pumping system. These two active components have been in operation for over five years and are subject to harsh conditions. The groundwater pumps and transducers have an anticipated life expectancy of approximately two to three years. Replacement pumps and replacement transducers are, therefore, kept on hand for quick replacement after failure or for pre-emptive replacement.

The repair and replacement work performed on the Mr. C's Dry Cleaners site treatment system in 2009 is identified in Table 5-2.

**Table 5-2 Mr. C's Dry Cleaners Site Equipment Repair and Replacement Program, 2009**

Activity
Replaced bag filter baskets and added braces on bottom.
Cleaned air stripper trays and rebuilt effluent line with PVC pipe unions to facilitate future cleanings.
Replaced pumps in wells PW-7 and PW-8 and old flexible pipes in PW-6, PW-7, and PW-8.
Replaced transducer tubes with Aneroid Bellows for wells PW-6, PW-2, PW-4; shortened transducer wire on PW-4.
Replaced pitless adaptor O-rings on PW-3 to PW-8, as needed.
Replaced level transducer at PW-6; raised transducer at PW-5.
Maintained groundwater pumps PW-2 to PW-8 by retraction, inspection, and cleaning.
Replaced broken and old plastic hose clamps with metal ones on Jesco America Corp. (JAC) Redux pump.
Replaced leaking effluent vent vacuum release with new vent valve, and cut vent pipe shorter to reduce motion when pump turns on.
Replaced corroded "T" fitting and hose clamps that join the pickup line and measuring gauge line to the JAC pump.
Aaron Bender Plumbing tested the backflow prevention device in the Mr. C's treatment room.

### **5.1.2 Agway and Agway Energy Products Site**

In 2009, some equipment of the AS/SVE system, including the blower and compressor of the standalone system, required replacement and repairs. Reconstruction of Main Street in 2009 resulted in increased truck traffic across the site and some additional repairs.

## **5. General Status of Remedial Treatment Equipment Oversight Activities and Replacement Program**

The repair and replacement work performed on the Agway remedial treatment system in 2009 is identified in Table 5-3.

**Table 5-3 Agway Site Equipment Repair and Replacement Program, 2009**

Activity Performed
Installed anchors to prevent movement of the condensate removal line, and cleaned and unstuck the condensate removal valve.
Repaired defective pressure switch on compressor.
Installed “No Parking” signs.
Adjusted piezometer parts of PZ-2B, which is on the Agway site (heavy equipment had pushed down the casing ring until the metal top cover was in contact with the riser cap).

### **5.1.3 Groundwater Monitoring Well Network**

As part of the long-term groundwater monitoring program, groundwater samples were collected in 2009. Nine VOCs were detected in the groundwater samples, including PCE and all of its daughter products (TCE, cis-1,2-DCE, trans-1,2-DCE, and VC), which is a good indicator that natural degradation is occurring. Based on the isopleths modeled using 2004 and 2007 data, the contaminant plume is moving in a northwesterly direction, along the direction of groundwater flow.

On September 10, 2009, recommendations were submitted via email to NYSDEC for upgrading the groundwater monitoring network in order to better define the contaminant plume and for formally decommissioning inoperable or missing wells. Recommended upgrades included replacing key wells, decommissioning unnecessary monitoring wells, and installing new monitoring wells in a better monitoring location to improve the network. A decision regarding these recommendations will be made after the options are thoroughly discussed with the NYSDEC project manager.

EEEP’s OM&M subcontractor continued repairs of the groundwater monitoring wells. Well maintenance issues include replacing missing or stripped bolts, replacing existing or installing new asphalt/concrete pads, replacing existing well covers, installing a new water-tight well cap, and removal or replacement of a portion of a cracked casing. The OM&M subcontractor will continue to address these maintenance issues in 2010.

### **5.1.4 First Presbyterian Church and 27 Whaley Avenue Residence**

The three SSDS units and piping systems at the First Presbyterian Church were in very good condition in 2009. The only operating parts of the system are the three fans. The SSDS unit at the 27 Whaley Avenue residence also was in very good condition during 2009. No repairs at either location were required in 2009, but routine system inspections were performed.



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## **5. General Status of Remedial Treatment Equipment Oversight Activities and Replacement Program**

For SSDS fan units, the only movable parts of the units are the fans and fan bearings. Over time, the fan bearings become worn and the units become noisy. Eventually the units do not operate. Replacement units can readily be obtained in three to four days. Both property owners have been instructed to contact EEEPC if any unusual noises or system shutdown are encountered. In February 2010, the manufacturer's warranty on the SSDS fan at the 27 Whaley residence expired. All warranties on SSDS fans at the First Presbyterian church have already expired.

# 6

## Actions to Support Eventual Site Closure

The overall project goal is to reduce the concentrations of cVOCs in the contaminated groundwater plume to the concentrations established by NYSDEC. Attaining these concentrations will allow for the eventual closure of the groundwater recovery and treatment systems. Suggested future actions or modifications that would improve the individual operations and shorten the time required to attain the target cVOC concentrations are presented below.

### 6.1 Mr. C's Treatment System Modifications to Support Site Closure

The groundwater treatment system continued to operate efficiently throughout 2009. Based on long-term groundwater monitoring program reporting, cVOC concentrations are declining and the contaminant plume is migrating to the northwest of the Mr. C's site. Enhanced bioremediation should be considered as a way to accelerate contaminant degradation at the site in 2010. While contaminant capture continues at existing individual groundwater pumping locations, adding or moving some groundwater pumping locations should be considered as a way to maximize the capture of higher-concentration contaminants and to minimize uncertainty in the definition of the plume.

### 6.2 Agway and Former Agway Energy Products Site

The AS/SVE system, monitoring wells, and pumping wells on the Agway site remediated petroleum contamination from 1987-2003. These systems have been incorporated into the OM&M work assignment for the Mr. C's site because of elevated levels of VOCs detected in borehole samples collected in 2003. The system has successfully cleaned up the upper aquifer. In the lower aquifer, cVOCs continue to be extracted. In 2009, the SVE system continued to capture cVOCs for collection and discharge to the atmosphere. However, due to Main Street reconstruction and corrosion of the SVE vacuum drum, the system has experienced some disrupted operation, including a "bubbling" sparge point during a high groundwater event. The system will be reviewed and repaired in the spring of 2010.





### **6.3 SSDS Units – First Presbyterian Church and 27 Whaley Avenue Sites**

No modifications to the SSDS units at these locations are currently recommended. Both SSDS units continue to operate as designed and are protective of the health and safety of the public.

# 7

## Annual Remedial Action Costs

The total 2009 cost for NYSDEC, EEEPC, and IEG for the remedial treatment program for the Mr. C's site, including all the operating units, was \$190,671.72. The approximate 2009 costs of OM&M are detailed in Table 7-1.

**Table 7-1 2009 Remedial Action Costs, Mr. C's Dry Cleaners Site**

Description	WA DC13 (\$)
<b>A. Mr. C's Remedial Treatment System</b>	
NYSDEC Operations	19,534.50
Sub - OM&M Services	39,043.92
Sub - Analytical Services	5,500.00
Utilities - Electric	10,185.75
Utilities - Gas	458.45
Utilities - Telephone	437.05
Replacement Equipment	6,215.53
Long-term Monitoring Program	6,000.00
EEEEPC Admin and Reporting	55,765.88
<b>Subtotal A:</b>	<b>143,141.08</b>
<b>B. Agway and Former Agway Energy Products Site</b>	
Sub - OM&M Services	13,014.64
Sub - Analytical Services	1,300.00
Utilities - Electric	3,086.78
Replacement Equipment	1,500.00
EEEEPC Admin and Reporting	19,521.96
<b>Subtotal B:</b>	<b>38,423.38</b>
<b>C. First Presbyterian Church SSDS Units</b>	
Sub - OM&M Services	1,561.45
Sub - Analytical Services	1,300.00
Replacement Equipment	0.00
EEEEPC Admin and Reporting	2,342.18
<b>Subtotal C:</b>	<b>5,203.63</b>



**7. Annual Remedial Action Costs**

**Table 7-1 2009 Remedial Action Costs, Mr. C's Dry Cleaners Site**

<b>Description</b>	<b>WA DC13 (\$)</b>
<b>D. 27 Whaley Avenue SSDS Unit</b>	
Sub - OM&M Services	1,561.45
Sub - Analytical Services	0.00
Replacement Equipment	0.00
EEEEPC Admin and Reporting	2,342.18
<b>Subtotal D:</b>	<b>3,903.63</b>
<b>Grand Total (Items A-D):</b>	<b>190,671.72</b>

# 8

## Local Public Reporting in 2009

Local newspaper articles printed in 2009 that have provided information that have had or could have an impact on the Mr. C's site and the collective operating units include the following:

- **Expansion of the Town of Aurora Library.** It was reported in November 2009 that the town library's plan to expand the building and parking lot along with the acquisition of the property at 19 Whaley Avenue will be revisited.
- **A Fact Sheet was prepared by EEEPC for use by NYSDEC to provide the local residents with information regarding the status of the current operations of the system and various remedial treatment units. A copy of the draft Fact Sheet is provided as Appendix D.**

# A

## Property Ownership of Current and Potential Easements

- A-1 578 Main Street – Brownschidle Property
- A-2 538 Main Street – People, Inc., Property
- A-3 594 Main Street – Future Fitness, Inc., Property
- A-4 510 Main Street – Krastev Property
- A-5 511 Fillmore Avenue – Iwankow Property
- A-6 572 Main Street – Doeing Property
- A-7 586 Main Street – Mr. C’s Site – Deltora, LLC
- A-8 584 Main Street – Deltora, LLC
- A-9 566 Main Street – Agway Site
- A-10 550 Main Street – East Aurora Public Library
- A-11 19 Paine Street – First Presbyterian Church
- A-12 27 Whaley Avenue - Dubois Property
- A-13 19 Whaley Avenue – Pitt Property
- A-14 Map Summary



**A-1**  
**578 Main Street – Brownschidle Property**



164.20-7-22  
Browschidle, Lee A  
578 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 31.00 x 120.00

Active  
Det row bldg

R/S:1 School: East Aurora Un  
Land AV: 13,000  
Total AV: 56,600

- Parcel 164.20-7-22
  - History
  - Assessment
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Bldg 1 Sec
    - Com Use
    - Valuation
  - Sale12/30/97
  - Sale03/14/96
    - Site (1) Co
      - Land(s)
      - Bldg 1
      - Com U
      - Valuat

Owner	Tax Bill Mailing Address	3rd Party Address	Bank
<b>Total 1 Owners: To open, click the appropriate row (Right Click to Add)</b>			
Lee A Brownschidle		Owner Type: Primary	Default
Last Name / Company: <b>Browschidle</b> First Name: <b>Lee</b> MI: <b>A</b> Jr., Sr., etc:			
Attention To / In Care Of:		Additional Address:	
Street No: <b>2065</b>	Prefix Dir: <b>W</b>	Street / Rural Route: <b>River</b>	St Suffix: <b>Rd</b> Post Dir: UnitName: Unit No:
Po Box No:	City/Town: <b>Grand Island</b>	State: <b>NY</b>	Zip Code: <b>14072-</b>
Country: enter if not "USA"	Bar Cd:	Ownership: e.g. Life Use	Owner Type: <b>P = Primary</b>

Prints the screen



**A-2**  
**538 Main Street – People, Inc., Property**





164.20-7-31      142401 East Aurora      Active      R/S: 8      School: East Aurora Un  
 People Inc.      Roll Year: 2010 Curr Yr      1 Family Res      Land AV: 7,100  
 538 Main St      Land Size: 70.00 x 262.00      Total AV: 81,700

- Parcel 164.20-7-31
  - Notes
  - History
  - Assessment
    - Exempt(s)
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Res
    - Land(s)
    - Bldg
    - Imprvmt(s)
    - Valuation

**Owner** Tax Bill Mailing Address 3rd Party Address Bank

**Total 1 Owners: To open, click the appropriate row (Right Click to Add)**

Parcel ID	Owner Name	Primary	Legal Status
164.20-7-31	People Inc.		

Last Name / Company: **People Inc.** First Name: MI: Jr., Sr., etc:

Attention To / In Care Of: Additional Address:

Street No: **1219** Prefix Dir: **N** Street / Rural Route: **Forest** St Suffix: **Rd** Post Dir: UnitName: Unit No:

Po Box No: City/Town: **Williamsville** State: **NY** Zip Code: **14221-**

Country: enter if not "USA" Bar Cd: Ownership: e.g. Life Use Owner Type: **P = Primary**

Prints the screen



**A-3**  
**594 Main Street – Future Fitness, Inc., Property**



164.20-7-25  
Future Fitness Inc  
594 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 116.48 x 220.00

Active  
Health spa

R/S: 1 School: East Aurora Un  
Land AV: 70,000  
Total AV: 223,900

- Parcel 164.20-7-25
  - History
  - Assessment
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sed
    - Com Use
    - Valuation
  - Sale02/07/02
  - Sale06/11/96
    - Site (1) Co
      - Land(s)
      - Imprvmt(s)
      - Bldg 1
      - Com U
      - Valuat
  - Sale06/10/96
  - Sale06/01/92
    - Site (1) Co
      - Land(s)
      - Imprvmt(s)
      - Bldg 1
      - Com U
      - Valuat

**Owner** | Tax Bill Mailing Address | 3rd Party Address | Bank

**Total 1 Owners: To open, click the appropriate row (Right Click to Add)**

Future Fitness Inc | 594 Main St | 142401 East Aurora | 142401 East Aurora

---

Last Name / Company: **Future Fitness Inc** | First Name: | MI: | Jr., Sr., etc:

Attention To / In Care Of: | Additional Address:

Street No: | Prefix Dir: | Street / Rural Route: | St Suffix: | Post Dir: | UnitName: | Unit No:

Po Box No: **90** | City/Town: **Orchard Park** | State: **NY** | Zip Code: **14127-**

Country: enter if not "USA" | Bar Cd: | Ownership: e.g. Life Use | Owner Type: **P = Primary**

Prints the screen



**A-4**  
**510 Main Street – Krastev Property**



164.20-7-34.2  
Krastev, Steven  
510 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 0.39 acres

Active  
Diner/lunch

R/S: 1 School: East Aurora Un  
Land AV: 32,100  
Total AV: 76,600

- Parcel 164.20-7-34
- Notes
- History
- Assessment
  - Exempt(s)
  - Spec Dist
- Description
- Owner(s)
- Images
- Gis
- Site (1) Com
  - Land(s)
  - Imprvmt(s)
  - Bldg 1 Sed
  - Com Use
  - Valuation
  - Sale 07/17/98

Owner	Tax Bill Mailing Address	3rd Party Address	Bank
<b>Total 1 Owners: To open, click the appropriate row (Right Click to Add)</b>			
Steven Krastev			

Last Name / Company: **Krastev**      First Name: **Steven**      MI:      Jr., Sr., etc:

Attention To / In Care Of:      Additional Address:

Street No: **510**      Prefix Dir: **Main**      Street / Rural Route:      St Suffix: **St**      Post Dir:      UnitName:      Unit No:

Po Box No:      City/Town: **East Aurora**      State: **NY**      Zip Code: **14052-**

Country: enter if not "USA"      Bar Cd:      Ownership: e.g. Life Use      Owner Type: **P = Primary**

Prints the screen



**A-5**  
**511 Fillmore Avenue – Iwankow Property**



164.20-7-8	142401 East Aurora	Active	R/S:1	School: East Aurora Un
Iwankow, Bobby	Roll Year: 2010 Curr Yr	1 Family Res		Land AV: 6,300
511 Fillmore Ave	Land Size: 63.35 x 231.00			Total AV: 68,700

- Parcel 164.20-7-8
  - History
  - Assessment
    - Exempt(s)
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Res
    - Land(s)
    - Bldg
    - Imprvmt(s)
    - Valuation

**Owner** Tax Bill Mailing Address 3rd Party Address Bank

**Total 1 Owners: To open, click the appropriate row (Right Click to Add)**

<b>Iwankow, Bobby</b>	<b>142401 East Aurora</b>	<b>Active</b>	<b>R/S:1</b>	<b>School: East Aurora Un</b>
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Last Name / Company: **Iwankow** First Name: **Bobby** MI: Jr., Sr., etc:

Attention To / In Care Of: Additional Address:

Street No: **511** Prefix Dir: **Fillmore** Street / Rural Route: **Ave** St Suffix: Post Dir: UnitName: Unit No:

Po Box No: City/Town: **East Aurora** State: **NY** Zip Code: **14052-1721**

Country: enter if not "USA" Bar Cd: Ownership: e.g. Life Use Owner Type: **P = Primary**

Prints the screen



**A-6**  
**572 Main Street – Doeing Property**





164.20-7-21  
Doeing, Dennis  
572 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 50.00 x 144.00

Active  
Att row bldg

R/S: 1 School: East Aurora Un  
Land AV: 7,700  
Total AV: 90,600

- Parcel 164.20-7-21
  - History
  - Assessment
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Bldg 1 Sec
    - Com Use
    - Valuation
  - Sale02/01/88
    - Site (1) Co
      - Land(s)
      - Bldg 1
      - Com U
      - Valuat

Owner	Tax Bill Mailing Address	3rd Party Address	Bank																																								
<b>Total 1 Owners: To open, click the appropriate row (Right Click to Add)</b>																																											
<table border="0"> <tr> <td>Last Name / Company:</td> <td>First Name:</td> <td>MI:</td> <td>Jr., Sr., etc:</td> </tr> <tr> <td><b>Doeing</b></td> <td><b>Dennis</b></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Attention To / In Care Of:</td> <td colspan="2">Additional Address:</td> </tr> <tr> <td colspan="2">Street No:</td> <td>Prefix Dir:</td> <td>Street / Rural Route:</td> </tr> <tr> <td><b>289</b></td> <td></td> <td><b>Walnut</b></td> <td></td> </tr> <tr> <td colspan="2">Po Box No:</td> <td>City/Town:</td> <td>State:</td> </tr> <tr> <td></td> <td></td> <td><b>East Aurora</b></td> <td><b>NY</b></td> </tr> <tr> <td colspan="2">Country: enter if not "USA"</td> <td>Bar Cd:</td> <td>Ownership: e.g. Life Use</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Owner Type:</td> </tr> <tr> <td></td> <td></td> <td></td> <td><b>P = Primary</b></td> </tr> </table>				Last Name / Company:	First Name:	MI:	Jr., Sr., etc:	<b>Doeing</b>	<b>Dennis</b>			Attention To / In Care Of:		Additional Address:		Street No:		Prefix Dir:	Street / Rural Route:	<b>289</b>		<b>Walnut</b>		Po Box No:		City/Town:	State:			<b>East Aurora</b>	<b>NY</b>	Country: enter if not "USA"		Bar Cd:	Ownership: e.g. Life Use				Owner Type:				<b>P = Primary</b>
Last Name / Company:	First Name:	MI:	Jr., Sr., etc:																																								
<b>Doeing</b>	<b>Dennis</b>																																										
Attention To / In Care Of:		Additional Address:																																									
Street No:		Prefix Dir:	Street / Rural Route:																																								
<b>289</b>		<b>Walnut</b>																																									
Po Box No:		City/Town:	State:																																								
		<b>East Aurora</b>	<b>NY</b>																																								
Country: enter if not "USA"		Bar Cd:	Ownership: e.g. Life Use																																								
			Owner Type:																																								
			<b>P = Primary</b>																																								

Prints the screen



**A-7**  
**586 Main Street – Mr. C's Site – Deltora, LLC**



164.20-7-24  
Deltora, LLC  
586 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 46.90 x 216.70

Active  
Det row bldg

R/S:1  
School: East Aurora Un  
Land AV: 33,400  
Total AV: 111,400

- [ ] Parcel 164.20-7-24
  - [ ] Notes
  - [ ] History
  - [ ] Assessment
    - [ ] Spec Dist
  - [ ] Description
  - [x] Owner(s)
  - [ ] Images
  - [ ] Gis
  - [ ] Site (1) Com
    - [ ] Land(s)
    - [ ] Bldg 1 Sec
    - [ ] Com Use
    - [ ] Valuation
  - Sale12/20/06
  - [ ] Sale07/15/04
  - [ ] Sale03/01/88
    - [ ] -Site (1) Co
      - [ ] Land(s)
      - [ ] Bldg 1
      - [ ] Com U
      - [ ] Valuat

Owner	Tax Bill Mailing Address	3rd Party Address	Bank
<b>Total 1 Owners: To open, click the appropriate row (Right Click to Add)</b>			
Deltora, LLC			
Last Name / Company: <b>Deltora, LLC</b> First Name: MI: Jr., Sr., etc:			
Attention To / In Care Of:		Additional Address:	
Street No:	Prefix Dir:	Street / Rural Route:	St Suffix: Post Dir: UnitName: Unit No:
673	▼ Main		St ▼ Ste ▼ 4
Po Box No:	City/Town:	State:	Zip Code:
	East Aurora	NY ▼	14052-
Country: enter if not "USA"		Bar Cd: Ownership: e.g. Life Use	Owner Type:
			P = Primary ▼

Prints the screen



**A-8**  
**584 Main Street – Deltora, LLC**



164.20-7-23  
Deltora, LLC  
584 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 40.10 x 120.00

Active  
Parking lot

R/S: 1 School: East Aurora Un  
Land AV: 12,600  
Total AV: 14,400

- Parcel 164.20-7-23
  - History
  - Assessment
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Valuation
  - Sale12/20/06
    - Site (1) Co
      - Land(s)
      - Imprvmt
      - Valuat
  - Sale07/15/04
    - Site (1) Co
      - Land(s)
      - Imprvmt
      - Valuat
  - Sale03/01/88
    - Site (1) Co
      - Land(s)
      - Imprvmt
      - Valuat

**Owner** Tax Bill Mailing Address 3rd Party Address Bank

**Total 1 Owners: To open, click the appropriate row (Right Click to Add)**

Deltora, LLC		Owner of Parcel		Deltora, LLC	
Last Name / Company:		First Name:		MI: Jr., Sr., etc:	
Deltora, LLC					
Attention To / In Care Of:		Additional Address:			
Street No:	Prefix Dir:	Street / Rural Route:	St Suffix:	Post Dir:	UnitName: Unit No:
673	Main		St	Ste	4
Po Box No:	City/Town:	State:	Zip Code:		
	East Aurora	NY	14052-		
Country: enter if not "USA"	Bar Cd:	Ownership: e.g. Life Use	Owner Type:		
			P = Primary		

Prints the screen



**A-9**  
**566 Main Street – Agway Site**



164.20-7-20  
Deltora, LLC  
566 Main St

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 0.62 acres

Active  
Com vac w/imp

R/S: 1 School: East Aurora Un  
Land AV: 57,500  
Total AV: 57,500

- Parcel 164.20-7-20
  - History
  - Assessment
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Valuation
  - Sale12/20/06
    - Site (1) Co
      - Imprvmt
      - Valuat
  - Sale02/02/05
    - Site (1) Co
      - Imprvmt
      - Valuat
  - Sale11/21/96

Owner | Tax Bill Mailing Address | 3rd Party Address | Bank

Total 1 Owners: To open, click the appropriate row (Right Click to Add)

Deltora, LLC Owner Type: Primary Desig Status:

Last Name / Company: First Name: MI: Jr., Sr., etc:

Deltora, LLC

Attention To / In Care Of: Additional Address:

Street No: Prefix Dir: Street / Rural Route: St Suffix: Post Dir: UnitName: Unit No:

673 Main St 4

Po Box No: City/Town: State: Zip Code:

East Aurora NY 14052-

Country: enter if not "USA" Bar Cd: Ownership: e.g. Life Use Owner Type:

P = Primary

Prints the screen





**A-10**  
**550 Main Street – East Aurora Public Library**



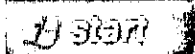


164.20-7-30      142401 East Aurora      Active      R/S: 8      School: East Aurora Un  
 Aurora Town Public Library      Roll Year: 2010 Curr Yr      Library      Land AV: 61,200  
 550 Main St      Land Size: 186.90 x 263.50      Total AV: 281,900

- [x] Parcel 164.20-7-30
  - [x] Notes
  - [x] History
  - [x] Assessment
    - [x] Exempt(s)
    - [x] Spec Dist
  - [x] Description
  - [x] Owner(s)
  - [x] Images
  - [x] Gis
  - [x] Site (1) Com
    - [x] Land(s)
    - [x] Imprvmt(s)
    - [x] Bldg 1 Sec
    - [x] Com Use
    - [x] Valuation

Owner	Tax Bill Mailing Address	3rd Party Address	Bank
<b>Total 1 Owners: To open, click the appropriate row (Right Click to Add)</b>			
<b>Aurora Town Public Library</b>			<b>Owner Type: Primary      Desig Status:</b>
Last Name / Company: <b>Aurora Town Public Library</b> First Name:      MI:      Jr., Sr., etc:			
Attention To / In Care Of:		Additional Address:	
Street No:	Prefix Dir:	Street / Rural Route:	St Suffix:      Post Dir:      UnitName:      Unit No:
550	▼ Main		St ▼      ▼      ▼      ▼
Po Box No:	City/Town:	State:	Zip Code:
	East Aurora	NY ▼	14052-1705
Country: enter if not "USA"	Bar Cd:	Ownership: e.g. Life Use	Owner Type:
			P = Primary ▼

Prints the screen





**A-11**  
**9 Paine Street – First Presbyterian Church**



164.20-9-7      142401 East Aurora      Active      R/S: 8      School: East Aurora Un  
 First Presbyterian Church      Roll Year: 2010 Curr Yr      Religious      Land AV: 97,700  
 Main St      Land Size: 1.80 acres      Total AV: 1,196,000

- Parcel 164.20-9-7
  - History
  - Assessment
    - Exempt(s)
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec
    - Com Use
    - Valuation

Owner | Tax Bill Mailing Address | 3rd Party Address | Bank

**Total 1 Owners: To open, click the appropriate row (Right Click to Add)**

First Presbyterian Church	Owner Type: Primary	Desig Status:
<p>Last Name / Company: <u>First Presbyterian Church</u>      First Name: _____      MI: _____      Jr., Sr., etc: _____</p> <p>Attention To / In Care Of: _____      Additional Address: _____</p> <p>Street No: <u>9</u>      Prefix Dir: <u>Paine</u>      Street / Rural Route: _____      St Suffix: <u>St</u>      Post Dir: _____      UnitName: _____      Unit No: _____</p> <p>Po Box No: _____      City/Town: <u>East Aurora</u>      State: <u>NY</u>      Zip Code: <u>14052-2355</u></p> <p>Country: enter if not "USA" _____      Bar Cd: _____      Ownership: e.g. Life Use _____      Owner Type: <u>P = Primary</u></p>		

Prints the screen





**A-12**  
**27 Whaley Avenue – Dubois Property**



164.20-7-28      142401 East Aurora      Active      R/S:1      School: East Aurora Un  
 Dubois, David      Roll Year: 2010 Curr Yr      2 Family Res      Land AV: 6,000  
 27 Whaley Ave /      Land Size: 60.00 x 258.26      Total AV: 68,800

- Parcel 164.20-7-28
  - History
  - Assesmer
    - Exemp
    - Spec I
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Re:
    - Land(s)
    - Bldg
    - Imprvr
    - Valuat
  - Sale09/29.
    - Site (1)
      - Lai
      - Blc
      - Imp
      - Va
  - Sale08/16.
    - Site (1)
      - Lai
      - Blc
      - Imp
      - Va
  - Sale11/23.
    - Site (1)
      - Lai
      - Blc
      - Imp
      - Va
  - Sale06/08.
    - Site (1)
      - Lai

Owner	Tax Bill Mailing Address	3rd Party Address	Bank
<b>Total 1 Owners: To open, click the appropriate row (Right Click to Add)</b>			
<b>David Dubois</b>			<b>Owner Type: Primary      Desig Status:</b>
Last Name / Company: <u>Dubois</u> First Name: <u>David</u> MI:      Jr., Sr., etc:			
Attention To / In Care Of:      Additional Address:			
Street No: <u>27</u> Prefix Dir: <u>Whaley</u> Street / Rural Route: <u>Ave</u> St Suffix:      Post Dir:      UnitName:      Unit No:			
Po Box No:      City/Town: <u>East Aurora</u> State: <u>NY</u> Zip Code: <u>14052-</u>			
Country: enter if not "USA"      Bar Cd:      Ownership: e.g. Life Use      Owner Type: <u>P = Primary</u>			

Prints the screen



**A-13**  
**19 Whaley Avenue – Pitt Property**



164.20-7-29  
Pitt, Michael D  
19 Whaley Ave

142401 East Aurora  
Roll Year: 2010 Curr Yr  
Land Size: 100.00 x 158.26

Active  
1 Family Res

R/S: 1 School: East Aurora Un  
Land AV: 8,900  
Total AV: 66,600

- Parcel 164.20-7-29
  - History
  - Assessment
    - Exempt(s)
    - Spec Dist
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Res
    - Land(s)
    - Bldg
    - Imprvmt(s)
    - Valuation

Owner	Tax Bill Mailing Address	3rd Party Address	Bank
<b>Total 2 Owners: To open, click the appropriate row (Right Click to Add)</b>			
<b>Michael D Pitt</b>			Owner Type: <b>Primary</b> Desig Status:
<b>Maria T Pitt</b>			Owner Type: <b>Additional</b> Desig Status:

Last Name / Company: Pitt First Name: Michael MI: D Jr., Sr., etc:

Attention To / In Care Of: \_\_\_\_\_ Additional Address: \_\_\_\_\_

Street No: 19 Prefix Dir: Whaley Street / Rural Route: Ave St Suffix:  Post Dir:  UnitName:  Unit No:

Po Box No: \_\_\_\_\_ City/Town: East Aurora State: NY Zip Code: 14052-1728

Country: enter if not "USA" \_\_\_\_\_ Bar Cd: \_\_\_\_\_ Ownership: e.g. Life Use \_\_\_\_\_ Owner Type: P = Primary

Prints the screen





# **A-14**

## **Map Summary**





# B

## Groundwater Treatment System Performance Monitoring Parameters and Minimum Frequencies

Appendix B  
Mr. C's Dry Cleaners Site Remediation  
NYSDEC Site # 9-15-157

Groundwater Treatment System Performance Monitoring Parameters and Minimum Frequencies

Engineering Control	Service Inspection Requirements and Frequencies								
	Temperature	pH	Pressure	Flow Rate	Groundwater Elevations	VOCs Concentrations	Total VOCs removed	Hardness	Damage Check
Groundwater Pumping Wells and Pumps(Each)	-	-	Weekly	-	Monthly	-	Calculate	-	Monthly
Piezometers (Each)	-	-	-	-	Monthly	-	-	-	Monthly
Groundwater Monitoring Wells (Each)	-	-	Weekly	-	Monthly	-	-	-	Monthly
Mr. C's Treatment Facility Influent	-	-	-	Weekly	-	-	-	-	-
Bag Filters	-	-	Weekly	-	-	-	-	-	Weekly
Air Stripper Influent (Water)	-	Monthly	Weekly	-	-	Monthly	Calculate	Monthly	-
Blower Inlet (Air)	-	-	Weekly	-	-	-	-	-	-
Air Stripper Air Discharge	-	-	-	Weekly	-	Monthly	Calculate	-	-
Air Stripper Effluent (Water)	Weekly	Monthly	Weekly	Weekly	-	Monthly	Calculate	Monthly	-
Influent/Effluent Conveyance Piping	-	-	-	-	-	-	-	-	Weekly
Sequestering Agent and Pumps	-	-	Weekly	Weekly	-	-	-	-	Weekly
Air Sparge Compressor	-	-	-	-	-	-	-	-	-
SSDS Units	-	-	Annual, As needed	-	-	Biannual	-	-	Annual, As reported
Vapor Extraction Piping	-	-	Annual, As needed	-	-	-	-	-	Annual, As reported

# C

## Completed SSDS Unit Inspection Forms – Presbyterian Church and 27 Whaley

- C-1 Routine, Non-Routine, and Post-Commissioning Inspection Log
- C-2 Inspection Forms – 9 Payne Street
- C-3 Inspection Forms – 27 Whaley Avenue



# **C-1 Routine Inspection/Post Commissioning Review Log**





**C-2**  
**SSDS Routine Inspection Forms 2008**  
**9 Paine Street**

System Inspection Field Form  
Soil Vapor Mitigation Systems  
Mr. C's Dry Cleaner Site  
Village of East Aurora, Erie County, New York 14052  
NYSDEC Site #9-15-157

PIPING, SLAB, AND WALL INSPECTION FORM

Post Commissioning, Routine or Non-Routine Inspections (circle one)

Address: First Presbyterian Church  
9 Paine Ave. East Aurora, NY Tracking Number: RI-004

Date of Inspection: 11/05/2009

	As Found		As Left	
	Yes	No	Yes	No
<b>Piping Check</b>				
Is glue evident at joints?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are system suction points sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is piping system properly supported?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are valves and manometers installed at proper locations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is excessive noise heard in piping joints?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were piping modifications and 10% of old joints smoke tested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter joints?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes: Was joint re-sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter re-sealed joint?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Slab Check</b>				
Was each identified slab crack, repair, or modification smoke tested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes: Was area re-sealed with approved sealant*?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter re-sealed area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check/clean drain(s)/Dranjer(s) <sup>TM</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were drain(s)/Dranjer(s) <sup>TM</sup> smoke-tested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Wall Check</b>				
Was each visible wall crack smoke tested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is movement observed at wall cracks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes: Was crack was re-sealed with approved sealant*?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter re-sealed crack?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the open course of top wall smoke tested?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter top course?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes: Open block re-sealed with approved sealant*?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does smoke enter open block tops?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Deviations/Comments**

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Performed by: R. Moxley & P. Kirchikulla Date: 11/05/2009

\* approved sealant shall be an odorless, non-toxic, non-flammable, environmentally safe product



**System Inspection Field Form**  
**Soil Vapor Mitigation Systems**  
**Mr. C's Dry Cleaner Site**  
**Village of East Aurora, Erie County, New York 14052**  
**NYSDEC Site #9-15-157**

**TEST DATA AND BACKDRAFT**

Post Commissioning, Routine or Non-Routine Inspections (circle one)

Address: First Presbyterian Church  
9 Paine Ave, East Aurora, NY Tracking Number: R1-004

Inspection Date: 11/6/2009

**Manometer Reading at Fan Inlet**

Prior Visit: \_\_\_\_\_ Date: \_\_\_\_\_  
 As found: \_\_\_\_\_  
 As left: \_\_\_\_\_

**Manometer Reading at Suction Points (SSD#)**

SSD#	1	2	3	4	5	6	7	8
Manometer Reading (Prior)								
Manometer Reading (As Found)	2.50	1.75	3.75					
Manometer Reading (As Left)								

Valves and manometers installed at proper location? Yes

**Communication Test (\* See Comments)**

Fan On	Suction Points							
	Point A	Point B	Point C	Point D	Point E	Point F	Point G	Point H
Test point identifier	—	—	—	—				
Micromanometer Reading	—	—	—	—				
Distance to Closest SSP (ft)	—	—	—	—				
Smoke Test	—	—	—	—				

Fan Off	Suction Points							
	Point A	Point B	Point C	Point D	Point E	Point F	Point G	Point H
Test point identifier								
Micromanometer Reading								
Distance to Closest SSP (ft)								
Smoke Test								

	As Found*		As Left*	
	Yes	No	Yes	No
All fans in operation?	X	—	—	—
Winter conditions simulated?	—	X	—	—
Each test point tested?	NA	—	—	—
Each test point sealed after testing?	NA	—	—	—
Vacuum <-0.004 observed at each test point?	NA	—	—	—
Smoke entered each test point?	NA	—	—	—
All valves set prior to re-commissioning comm. test?	NA	—	—	—

System Inspection Field Form  
 Soil Vapor Mitigation Systems  
 Mr. C's Dry Cleaner Site  
 Village of East Aurora, Erie County, New York 14052  
 NYSDEC Site #9-15-157

**STRUCTURE INSPECTION FORM**

Post Commissioning (Routine) or Non-Routine Inspections (circle one)

Address: First Presbyterian Church  
9 Paine Ave, East Aurora, NY Tracking Number: R1-004

Date of Inspection: 11/05/09

Date of Last Inspection: 11/14/08

Have the following items changed since the last visit?

	No	Yes	If yes, explain...
Building Footprint	<u>X</u>		
Basement/Slab Occupancy	<u>X</u>		
Heating/Ventilating Systems		<u>X</u>	<u>New Furnace in Dining Area</u> <u>(Boiler room)</u>
Basement Finish	<u>X</u>		
Crawlspace	<u>NA</u>		<u>No crawl spaces below livable areas</u>
Drains, Sumps, Floor Cracks	<u>X</u>		
Wall Penetrations, Cracks	<u>X</u>		
Appliances (in basement)	<u>X</u>		
Ownership	<u>X</u>		
Siding	<u>X</u>		

*If any of these items have changed, a redesign may be required.  
 Contact the maintenance supervisor for field review.*

Deviations/Comments

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Performed by: R. Maxley & P. Kuchukulla Date: 11/05/2009



**C-3**  
**SSDS Routine Inspection Forms 2008**  
**27 Whaley Avenue**

System Inspection Field Form  
 Soil Vapor Mitigation Systems  
 Mr. C's Dry Cleaner Site  
 Village of East Aurora, Erie County, New York 14052  
 NYSDEC Site #9-15-157

PIPING, SLAB, AND WALL INSPECTION FORM

Post Commissioning, Routine or Non-Routine Inspections (circle one)

Address: 27 Whaley Ave Tracking Number: R1-003

Date of Inspection: 11/05/2009

**Piping Check**

	As Found		As Left	
	Yes	No	Yes	No
Is glue evident at joints?	X			
Are system suction points sealed?	X			
Is piping system properly supported?	X			
Are valves and manometers installed at proper locations?	X			
Is excessive noise heard in piping joints?		X		
Were piping modifications and 10% of old joints smoke tested?	X			
Does smoke enter joints?		X		
If yes: Was joint re-sealed?				
Does smoke enter re-sealed joint?	NA			

**Slab Check**

Was each identified slab crack, repair, or modification smoke tested?	NA			
Does smoke enter?	NA			
If yes: Was area re-sealed with approved sealant*?	NA			
Does smoke enter re-sealed area?	NA			
Check/clean drain(s)/Dranjer(s) <sup>TM</sup> ?	NA			
Were drain(s)/Dranjer(s) <sup>TM</sup> smoke-tested?	NA			

**Wall Check**

Was each visible wall crack smoke tested?	NA			
Is movement observed at wall cracks?	NA			
If yes: Was crack was re-sealed with approved sealant?	NA			
Does smoke enter re-sealed crack?	NA			
Was the open course of top wall smoke tested?	NA			
Does smoke enter top course?	NA			
If yes: Open block re-sealed with approved sealant?	NA			
Does smoke enter open block tops?	NA			

**Deviations/Comments**

Noticed ~~water~~ evidence of standing water (no currently no wal  
on the floor (in the fruit cellar) doesn't  
affect the system.

Performed by: Rachael Moxley & Date: 11/05/09  
Preetam Kuchikulla

\* approved sealant shall be an odorless, non-toxic, non-flammable, environmentally safe product

System Inspection Field Form  
 Soil Vapor Mitigation Systems  
 Mr. C's Dry Cleaner Site  
 Village of East Aurora, Erie County, New York 14052  
 NYSDEC Site #9-15-157

TEST DATA AND BACKDRAFT

Post Commissioning, (Routine) or Non-Routine Inspections (circle one)

Address: 27 Whaley Ave

Tracking Number: RA-003

Inspection Date: 11/05/2009

**Manometer Reading at Fan Inlet**

Prior Visit: \_\_\_\_\_  
 As found: \_\_\_\_\_  
 As left: \_\_\_\_\_

Date:

11/15/09

**Manometer Reading at Suction Points (SSD#)**

SSD#	Suction Points							
	1	2	3	4	5	6	7	8
Manometer Reading (Prior)								
Manometer Reading (As Found)								
Manometer Reading (As Left)								

Valves and manometers installed at proper location? Yes

**Communication Test (\* See Comments)**

Fan On	Suction Points							
	Point A	Point B	Point C	Point D	Point E	Point F	Point G	Point H
Test point identifier								
Micromanometer Reading								
Distance to Closest SSP (ft)								
Smoke Test								

Fan Off	Suction Points							
	Point A	Point B	Point C	Point D	Point E	Point F	Point G	Point H
Test point identifier								
Micromanometer Reading								
Distance to Closest SSP (ft)								
Smoke Test								

	As Found*		As Left*	
	Yes	No	Yes	No
All fans in operation?	<u>X</u>			
Winter conditions simulated?		<u>X</u>		
Each test point tested?		<u>X</u>		
Each test point sealed after testing?	<u>NA</u>	<u>X</u>		
Vacuum <-0.004 observed at each test point?	<u>NA</u>			
Smoke entered each test point?	<u>NA</u>			
All valves set prior to re-commissioning comm. test?	<u>NA</u>			

System Inspection Field Form  
 Soil Vapor Mitigation Systems  
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 NYSDEC Site #9-15-157

**STRUCTURE INSPECTION FORM**

Post Commissioning (Routine) or Non-Routine Inspections (circle one)

Address: 27 Whaley Ave Tracking Number: R1-003

Date of Inspection: 11/05/2009

Date of Last Inspection: 1/21/2009

Have the following items changed since the last visit?

	No	Yes	If yes, explain...
Building Footprint	<u>X</u>		
Basement/Slab Occupancy	<u>X</u>		
Heating/Ventilating Systems	<u>X</u>		
Basement Finish	<u>X</u>		
Crawlspace	<u>X</u>		
Drains, Sumps, Floor Cracks	<u>X</u>		
Wall Penetrations, Cracks	<u>X</u>		
Appliances (in basement)	<u>X</u>		
Ownership	<u>X</u>		
Siding	<u>X</u>		

*If any of these items have changed, a redesign may be required.  
 Contact the maintenance supervisor for field review.*

Deviations/Comments

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Performed by: Rachael Moxley Date: 11/05/2009  
Preetam Kuchikulla

**D**

**2009 News Articles – Mr. C’s Site**

# The Buffalo News : City & Region

Wednesday, December 2, 2009

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## New building on Main St. expected to be Aurora governmental choice

By Karen Robinson

NEWS STAFF REPORTER

November 09, 2009, 7:09 AM / 0 comments

**Story tools:**

**Share this story:**



A committee studying three options for a joint government facility in the Town of Aurora tonight is expected to recommend constructing a new building on Main Street in the Village of East Aurora.

The Shared Municipal Services Committee tonight will give a detailed presentation to town officials about its long study of three options for a joint government building to house town and village offices, including the expansion of the Aurora Library now at Main Street and Whaley Avenue.

Sources say the six-member committee last week unanimously backed the new-build option for a municipal center at Main and Whaley.

Aurora Councilman James F. Collins and East Aurora Mayor Clark W. Crook, both members of the committee, said that it backed the new-build plan, though no one would disclose the cost figures prior to the presentation at 6 this evening during the town's work session at 300 Gleed Ave.

However, the cost estimates will be based on a detailed, 25- year comparative analysis that includes operating costs for each of the options.

"They are big numbers," Crook said. "We are satisfied with the approach we took."

Collins said: "We're leaning toward the new build. It's exciting to bring it to the public."

Also in the running had been a second option to house all town and village services at 300 Gleed Ave., the town's recently purchased building for a new Town Hall, along with moving the library there.

A third option had called for relocating town and village offices to the Gleed building but keeping the library on Main and expanding it by 6,000 square feet.

Throughout the debate, library officials have been adamant that the library must stay on Main.

The study has been the core of a nearly \$400,000 state grant looking at sharing municipal services between the town and the village under one roof.



As the debate comes to a head, Crook last week announced his plan to carry petitions to dissolve the village government structure as a way to save taxpayers money and streamline government services. Some have questioned the timing of his plan, yet Crook says that it couldn't be better.

"It all fits together. People are having the conversation now," Crook said.

Aurora Councilman Jeff Harris is critical of building a new facility on Main.

"I don't think people will pay \$25 million for a new building when they're worried about how to pay their water bills," he said.

Harris said there's nothing wrong with using the Gleed site for combined services.

"The huge renovation cost numbers for Gleed are not true," he said.

Aurora Supervisor-elect Jolene M. Jeffe said she wants a referendum on the issue, but is uncertain of community support for a big project.

"I believe the residents will have a hard time voting for such a huge project," she said. "It's an expensive alternative — a new build on Main."

**krobinson@buffnews.com**

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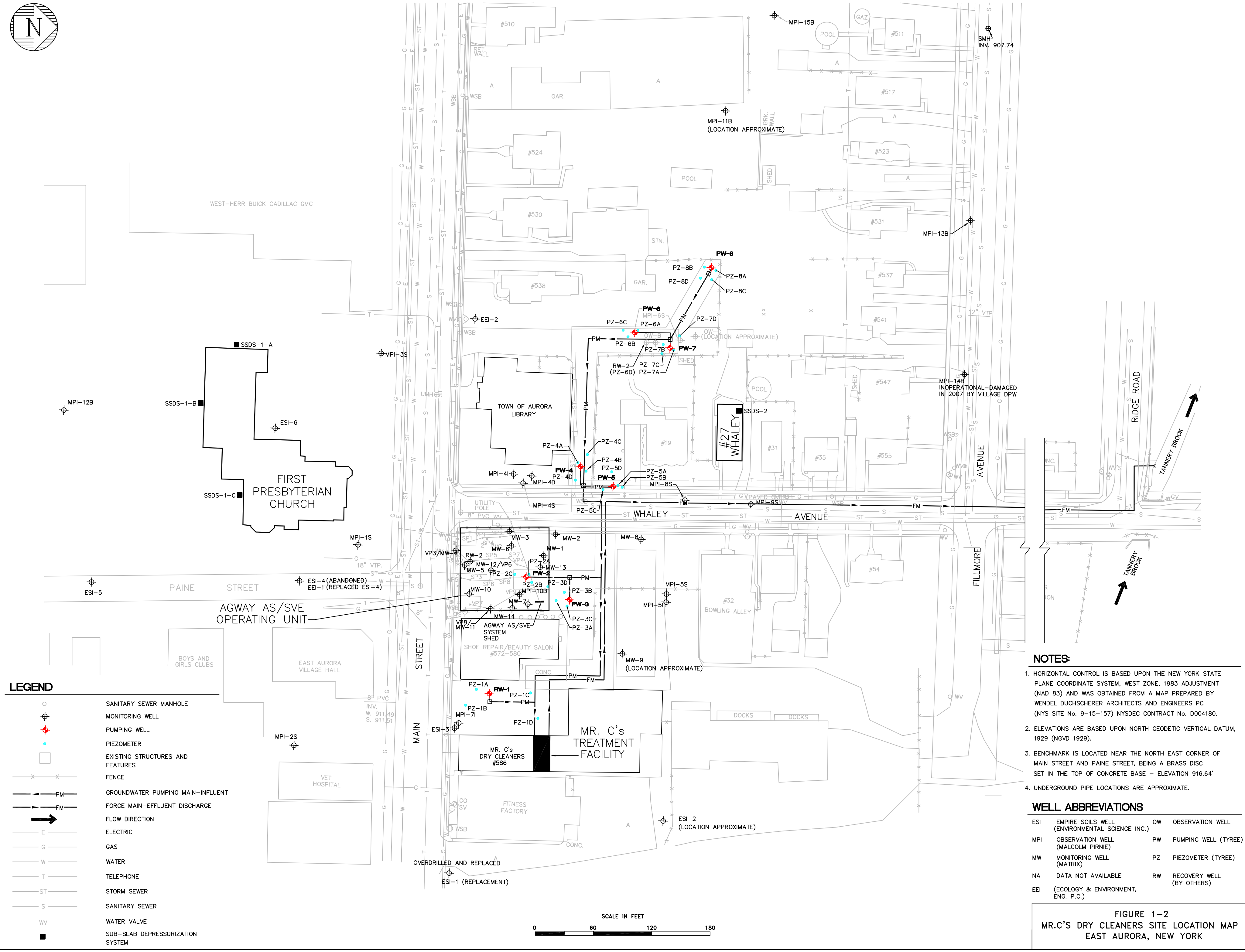
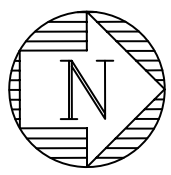
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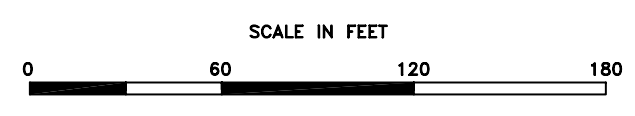
**LEGEND**

	SANITARY SEWER MANHOLE
	MONITORING WELL
	PUMPING WELL
	PIEZOMETER
	EXISTING STRUCTURES AND FEATURES
	FENCE
	GROUNDWATER PUMPING MAIN-INFLUENT
	FORCE MAIN-EFFLUENT DISCHARGE
	FLOW DIRECTION
	ELECTRIC
	GAS
	WATER
	TELEPHONE
	STORM SEWER
	SANITARY SEWER
	WATER VALVE
	SUB-SLAB DEPRESSURIZATION SYSTEM

- NOTES:**
- HORIZONTAL CONTROL IS BASED UPON THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1983 ADJUSTMENT (NAD 83) AND WAS OBTAINED FROM A MAP PREPARED BY WENDEL DUCHSCHERER ARCHITECTS AND ENGINEERS PC (NYS SITE No. 9-15-157) NYSDEC CONTRACT No. D004180.
  - ELEVATIONS ARE BASED UPON NORTH GEODETIC VERTICAL DATUM, 1929 (NGVD 1929).
  - BENCHMARK IS LOCATED NEAR THE NORTH EAST CORNER OF MAIN STREET AND PAINE STREET, BEING A BRASS DISC SET IN THE TOP OF CONCRETE BASE - ELEVATION 916.64'
  - UNDERGROUND PIPE LOCATIONS ARE APPROXIMATE.

**WELL ABBREVIATIONS**

ESI	EMPIRE SOILS WELL (ENVIRONMENTAL SCIENCE INC.)	OW	OBSERVATION WELL
MPI	OBSERVATION WELL (MALCOLM PIRNIE)	PW	PUMPING WELL (TYREE)
MW	MONITORING WELL (MATRIX)	PZ	PIEZOMETER (TYREE)
NA	DATA NOT AVAILABLE	RW	RECOVERY WELL (BY OTHERS)
EEI	(ECOLOGY & ENVIRONMENT, ENG. P.C.)		



**FIGURE 1-2**  
MR.C'S DRY CLEANERS SITE LOCATION MAP  
EAST AURORA, NEW YORK

F:\Mrc\well analysis dec 2003\mrc well map figure 1-2.dwg  
 BUFPLOT: 3/5/08 WAB