



DATE: 9/22/2011

Site Code: 401059 Site Name: Former Damshire Cleaners

City: Albany Town: Colonie
Region: 4 County: Albany

Current Classification: P Proposed Classification: 02

Estimated Size (acres): 0.39 Disposal Area: Significant Threat: Yes Site Type:

Priority ranking Score: Project Manager: Sheilla Paige

Summary of Approvals

Originator/Supervisor: Keith Goertz 08/11/2011

RHWRE: Keith Goertz: 08/11/2011

BEEI of NYSDOH: 09/08/2011

CO Bureau Director: Robert Cozzy, Director, BURB: 09/08/2011

Assistant Division Director: Robert W. Schick, P.E.: 09/22/2011

Basis for Classification Change

The property located at 1205 Central Ave in the Town of Colonie is a 0.39 acre parcel where Damshire Cleaners formerly conducted dry cleaning operations. The onsite building is currently vacant and used for storage. The source of contamination was caused most likely from poor housekeeping, since several non-compliance issues were identified between 1999 and 2000 during NYSDEC air quality inspections. Non-compliance issues included tetrachloroethene (PCE, dry cleaning chemical) leaks from dry cleaning equipment. Offsite groundwater data indicate that high levels of PCE and its degradation chemicals are migrating from an onsite source. Onsite soil vapor intrusion (SVI) investigation data indicate significant PCE and TCE (trichloroethene) vapor impacts to subslab and indoor air quality.

The offsite maximum PCE soil concentration is 830 mg/kg at 14 to 15-feet below ground surface (bgs) [Commercial Soil Cleanup Objective (SCO) = 150 mg/kg; Protection of Groundwater SCO = 1.3 mg/kg]. The offsite maximum PCE groundwater concentration is 48,000 μ g/L [NYSDEC Class GA Standard = 5 μ g/L]. The property owner did not grant the NYSDEC access to the site. Further onsite subsurface investigation is necessary to determine the source of chlorinated solvent contamination.

This site presents a significant threat to public health and the environment due to potential soil vapor intrusion issues caused by the contaminated groundwater migrating offsite and the ongoing release of





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contamination from source area(s) located onsite to groundwater.

Site Description - Last Review:

Location: The Former Damshire Cleaners site is located at 1205 Central Avenue in the Town of Colonie, Albany County and is about 0.39 acres in size (Tax Map No.: 53.06-06-35.1). The site is bordered by a church to the southeast, a commercial area to the northwest, a residential area to the northeast and commercial and residential areas to the southwest. Patroon Creek is about 3000-feet downgradient of the subject site.

Site Features: The currently vacant, concrete-block building is approximately 3600-square-feet in size and is surrounded by an asphalt parking lot to the northwest and southwest, a grassy area and a dirt driveway to the southeast and a wooded area to the northeast.

Current Zoning/Use: The site is currently inactive and is located in a mixed residential and commercial area in the Town of Colonie. The site is zoned Neighborhood Commercial Office Residential.

Historical Use: Damshire Cleaners conducted dry cleaning operations onsite until approximately 2001. Several notices of violation pertaining to fugitive air emission exceedances were issued to the dry cleaning facility in 1999 through 2000. Tetrachloroethene (PCE, a dry cleaning chemical) is reported to have been leaking on the floor below dry cleaning equipment for as long as a year prior to shutdown in 2001.

A fuel oil spill at the site was reported to the Spill Program in November of 2001. Chlorinated solvent contamination was discovered in the soil during the underground storage tank removal, which caused the spill project to remain open.

Ownership of the property was transferred in September of 2007. The current owner conducted a preliminary soil vapor intrusion study at the site in 2010. The study detected significant levels of chlorinated solvent contamination in both the subslab vapor and indoor air. The property owner was not willing to conduct further investigation of the onsite soil and groundwater, which resulted in the site being referred to the Superfund Program as a potential site. Additional subsurface investigation, limited to offsite areas, was conducted by the New York State Department of Environmental Conservation (NYSDEC) in 2011.

Site Geology and Hydrogeology: Based upon recent subsurface investigations conducted near the subject property, overburden in the area consists of silty-fine sand with clay lenses. Depth to groundwater is between 4.3 to 5.5-feet below ground surface (bgs) and flows to the southwest.

Refer to Spill # 0107674 for additional background information.

Contaminants of Concern (Including Materials Disposed)

Quantity Disposed

TETRACHLOROETHYLENE (PCE) TRICHLOROETHENE (TCE) DICHLOROETHYLENE

Analytical Data Available for: Groundwater, Soil, Soil Vapor, Indoor Air

Applicable Standards Exceeded for: Groundwater, Soil, Soil Vapor







DATE: 9/22/2011

Site Name: Former Damshire Cleaners 401059 Site Code:

Site Environmental Assessment- Last Review:

Nature and Extent of Contamination:

Prior to consideration as a potential Superfund site (P-site), a soil vapor intrusion study was conducted by the current property owner. The study detected significant levels of chlorinated solvent contamination in the subslab vapor and indoor air. Tetrachloroethene (PCE) concentrations were as high as 130,000 μg/m3 in the subslab vapor and 57 μg/m3 in the indoor air, which would qualify for mitigation according to the New York State Department of Health's (NYSDOH's) guidance criteria. Trichloroethene (TCE) concentrations were as high as 220 µg/m3 in the subslab vapor, which would qualify for monitoring according to NYSDOH's guidance criteria.

Onsite access was not granted to the New York State Department of Environmental Conservation (NYSDEC) during site characterization. Therefore, subsurface soil and groundwater sampling was conducted in the right-of-ways and on properties near or adjacent to the subject site.

Based upon environmental data collected to-date, the primary contaminants of concern in the offsite soil include PCE and TCE. PCE concentrations in the soil were highest directly southwest of the property and ranged from 24 to 830 mg/kg at 11 to 15-feet below ground surface (bgs) [Commercial Soil Cleanup Objective (SCO) = 150 mg/kg; Protection of Groundwater SCO = 1.3 mg/kg]. The highest concentration of TCE in the offsite soil was 12 mg/kg at a depth of 11 to 12-feet bgs [Commercial SCO = 200 mg/kg; Protection of Groundwater SCO = 0.47 mg/kg]. Further investigation is necessary onsite to define onsite contamination levels and source areas.

Groundwater directly downgradient (southwest) of the site exhibited significant chlorinated solvent contamination. The primary contaminants of concern in the offsite groundwater include PCE, TCE and cis/trans-1,2-dichloroethene (DCE). PCE concentrations ranged from 2 to 48,000 μg/L, TCE concentrations from 5 to 7,900 µg/L and DCE concentrations from 27 to 432 µg/L [NYSDEC Class GA Principal Organic Contaminant Standard = $5 \mu g/L$]. The chlorinated solvent plume is migrating beyond Central Avenue toward a commercial and residential neighborhood. Further investigation is necessary offsite to define the extent of migration and potential for impacts to the offsite residences.

Site Health Assessment - Last Update: 09/20/2011

Access to the site is unrestricted. However, contact with contaminated soil or groundwater is unlikely unless they dig below the ground surface. People are not drinking the contaminated groundwater since the area is served by a public water supply system that is not contaminated by the site. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern for the on-site building. The potential exists for soil vapor intrusion in off-site structures.

OVIA	Start		End				
OU 01 Site Characterization	1/18/11	ACT	10/31/11	PLN			





DATE: 9/22/2011

Site Code:

401059

Site Name: Former Damshire Cleaners

Remedy Description and Cost

Remedy Description for Operable Unit 01

Total Cost

 \mathbf{OU}

Site Management Plan Approval:

Status:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Form

9/22/2011

SITE DESCRIPTION

SITE NO.

401059

SITE NAME

Former Damshire Cleaners

SITE ADDRESS: 1205 Central Avenue ZIP CODE: 12205

CITY/TOWN: Albany

COUNTY: Albany

ALLOWABLE USE:

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:

YES NO

IC/EC Certification Plan

Monitoring Plan

Operation and Maintenance (O&M) Plan

Periodic Review Frequency:

First Periodic Review Date:





DATE: 9/22/2011

Site Code:	401059	Site Name: Former Damshire Cleaners	
		Description of Institutional Control	
		Description of Engineering Control	
Not Applic	able/No EC's		

NEW YORK

state department of

Nírav R. Shah, M.D., M.P.H. Commissioner

HEALTH

Sue Kelly Executive Deputy Commissioner

September 8, 2011

Mr. Robert Cozzy Division of Environmental Remediation NYS Department of Environmental Conservation 625 Broadway Albany, NY 12233

> RE: Site Classification Report Former Damshire Cleaners 1205 Central Avenue Site# 401059 Colonie, Albany County

Dear Mr. Cozzy:

Staff reviewed the Site Classification Report and supporting documentation for the former Damshire Cleaners site in Colonie, Albany County. The site is a former stand alone dry cleaning business that operated for several decades and closed in 2001. The building is currently unoccupied. Based on our review I understand that the improper handling of the dry cleaning solvent tetrachloroethene (PCE) has resulted in the off-site contamination of groundwater in concentrations as high as 48,000 micrograms per liter. Additionally, PCE has been detected in the sub-slab vapor sample of the on-site structure at levels as high as 130,000 micrograms per cubic meter.

Based on the potential for exposures to site related contaminants of concern on-site and off-site, I believe that this site represents a significant threat to human health and I concur with listing it on the New York State Registry of Inactive Hazardous Waste Sites as a Class 2. If you have any questions, please contact me at (518) 402-7860.

Sincerely,

Steven Bates, Acting Director

Bureau of Environmental Exposure Investigation

ec: A. Salame - Alfie, Ph.D.

K. Anders/ J. Crua/file

K. Lewandowski - NYSDEC

K. Goertz – NYSDEC Region 4

R. Groves - ACHD

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SSF CLASSIFICATION WORKSHEET



Site	Name: Former Damshire Cleaners	Site IL	No. 401059						
City	Town: Colonie	Count	y: Albany						
1.	Has remediation been completed in accordance with a ROD including properly addressing institutional controls (ICs)?	□ Yes (go to 7)	☑ No (go to 2)						
2.	Has hazardous waste as defined in ECL §27-1301.1 been disposed at the Site?	✓ Yes (go to 3)	□ No (stop)	□ Unsure (go to 11)					
3.	Does the Site present a current or reasonably foreseeable significant threat to public health or the environment (complete Significant Threat Determination Worksheet)?	☑ Yes (go to 4)	□ No (go to 6)	□ Unsure (go to 11)					
4.	Is the significant threat causing or presenting an imminent danger of causing irreversible or irreparable damage to public health or the environment?	□ Yes (Class 1)	☑ No (go to 5)	□ Unsure (stop)					
5.	Is the Site presenting a significant but not imminent threat to public health or the environment?	☑ Yes (Class 2)	□ No (reevaluate)						
6.	Has hazardous waste been disposed but it does not present a significant threat to public health or the environment and the site is suitable for placement on the Registry?	□ Yes (Class 3)	□ No (go to 10)						
7.	Is the site properly remediated but still requires continued active site management to maintain/achieve protectiveness?	□ Yes (Class 4)	□ No (go to 8)	□ Unsure (stop)					
8.	Is the site properly remediated, does not require continued active site management, but is not suitable for delisting or a required IC is not yet in place?	□ Yes (Class 5)	□ No (go to 9)	□ Unsure (stop)					
9.	Is the site properly remediated, required ICs are in place, the site does not require continued active site management, and is suitable for delisting?	□ Yes (Class: C)	□ No (go to 10)	□ Unsure (stop)					
10.	Based upon investigation, is the degree of contamination such that the Site does not qualify to be placed on the Registry and that additional remedial work is not anticipated at this time?	□ Yes (Class: N)	□ No (reevaluate)	□ Unsure (stop)					
11.	Does insufficient information exist to properly classify the site?	□ Yes (Class P)	□ No (reevaluate)	□ Unsure (stop)					
	Current Classification: P Pro	oposed Classific	cation: 2	1					
En	Sheilla Paige Environmental Engineer 1 Project Manager Name/Title - Print Project Manager Name - Signature Date								
En	Keith Goertz, P.E. Environmental Engineer 3 Bureau Director/RHWRE Name/Title - Print Bureau Director/RHWRE Name - Signature Date								



SIGNIFICANT THREAT DETERMINATION WORKSHEET



 \checkmark

Site Name: Former Damshire Cleaners

State Superfund Program 6 NYCRR 375-2.7

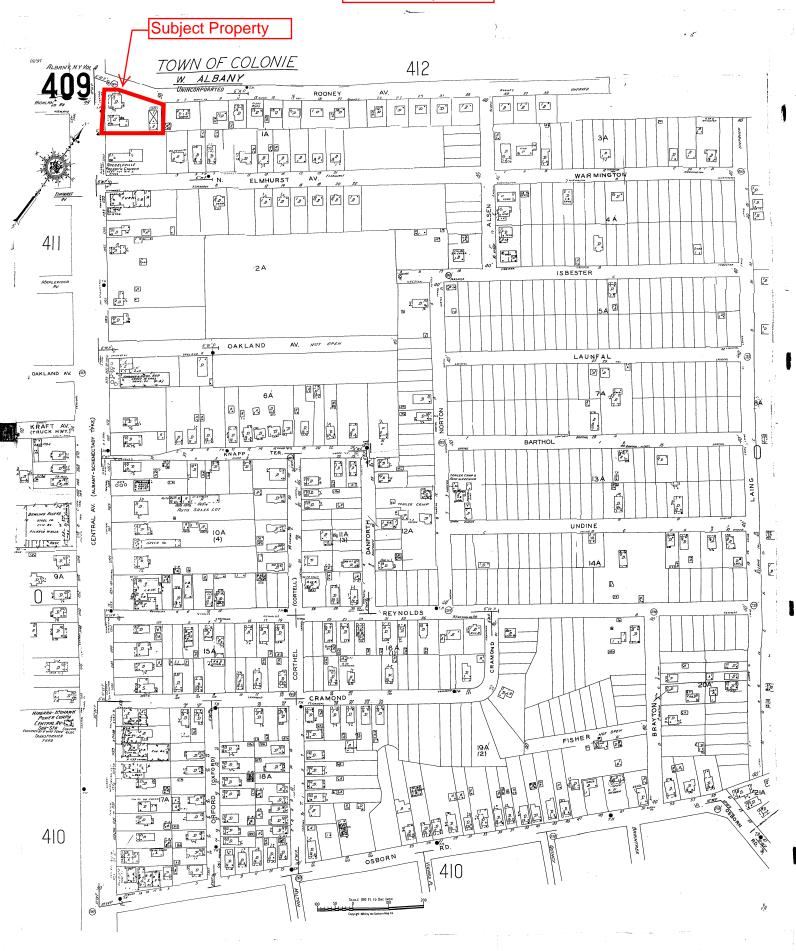
☐ Brownfield Cleanup Program ECL 27-1411.1(c)

Site ID No. 401059

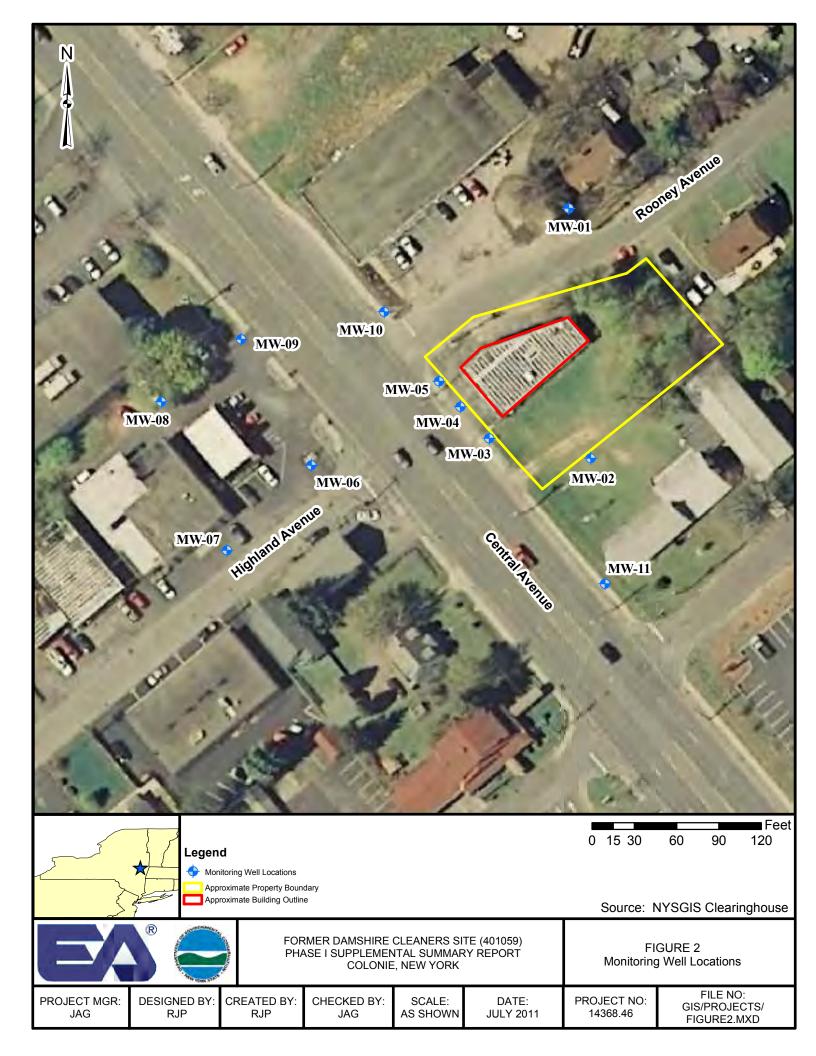
City/Town: Colonie	County: <u>A</u>	lbany			
Has all available and relevant evidence regarding the Site been reviewed and the factors in 375-2.7(a)(3) considered?	✓ Yes (go to 2)	□ No (stop)	☐ Unsure (stop)		
2. Does Site contamination result in significant adverse impacts (375-2.7(a)(1)) to	0:				
a. species that are endangered, threatened, or of concern?	□ Yes (go to b)	☑ No (go to b)	□ Unsure (go to b)		
 b. protected streams, tidal/freshwater wetlands, or significant fish and wildlife habitat? 	□ Yes (go to c)	☑ No (go to c)	☐ Unsure (go to c)		
c. flora or fauna from bioaccumulation or leads to a recommendation to limit consumption?	□ Yes (go to d)	☑ No (go to d)	□ Unsure (go to d)		
d. fish, shellfish, crustacea, or wildlife from concentrations that cause adverse/chronic effects?	□ Yes (go to e)	☑ No (go to e)	□ Unsure (go to e)		
e. the environment due to a fire, spill, explosion, or reaction that generates toxic gases, vapors, fumes, mists or dusts?	□ Yes (go to f)	☑ No (go to f)	Unsure (go to f)		
f. areas where individuals or water supplies may be present and NYSDOH has determined there to be a significantly increased risk to public health (including from soil vapor)?	✓ Yes (go to 3)	□ No (go to 3)	□ Unsure (go to 3)		
3. Does Site contamination result in significant environmental damage (375-2.7(a)(2))?	✓ Yes (go to 4)	□ No (go to 4)	□ Unsure (stop)		
4. If any box in items 2 or 3 have been checked "Yes," the site presents a significant threat to public health or the environment; check here.	Significant threat to: Public Health Environment				
5. If no boxes in items 2 or 3 have been checked "Yes," the site does not present a significant threat to public health or the environment; check here.	□ Not a S	Significant Threa	at		
Sheilla Paige Environmental Engineer 1 Project Manager Name/Title - Print Project Manager Name Signatur	re	8)11/11 Date	_		
Keith Goertz, P.E. Environmental Engineer 3 Bureau Director/RHWRE Name/Title - Print Bureau Director/RHWRE Name/	- Signature	8/11/1/ Date	_		

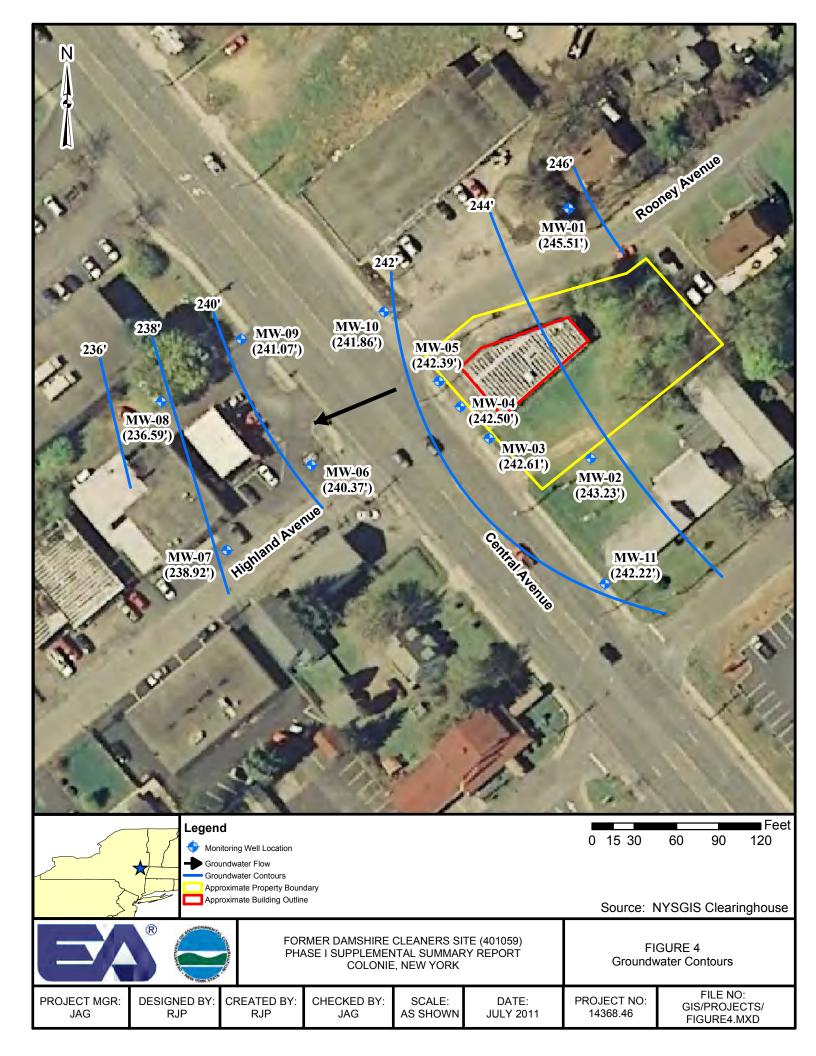
07/29/10

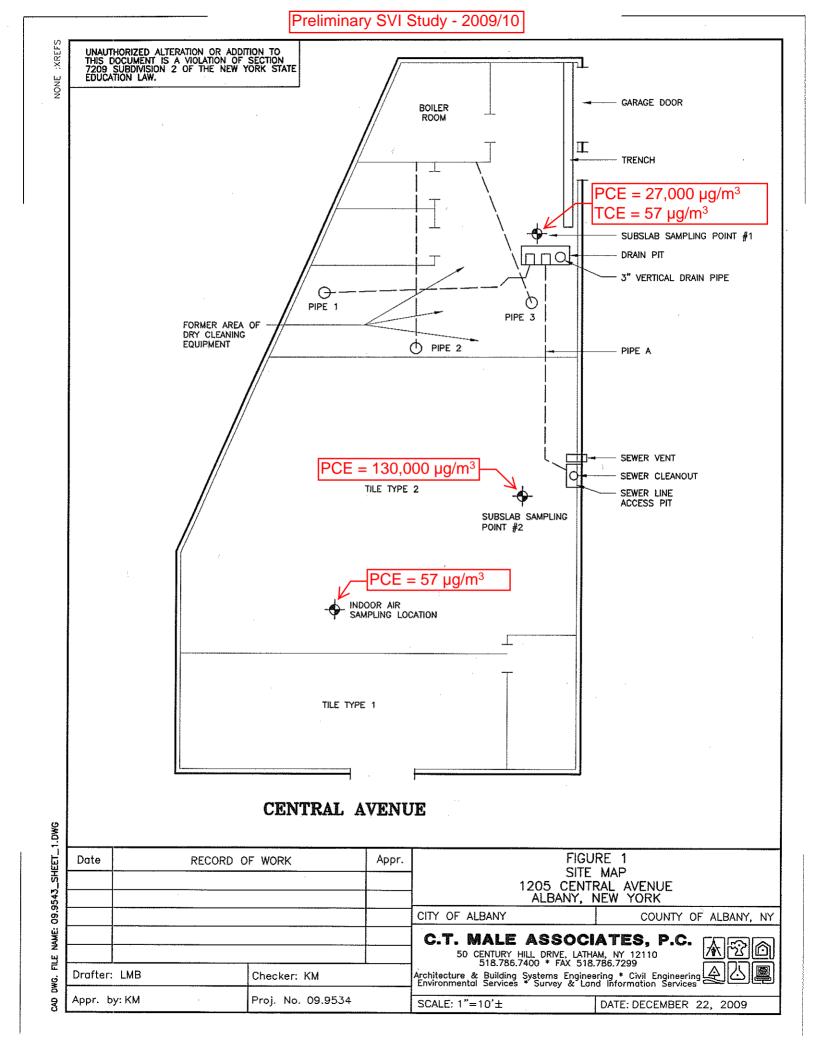
Sanborn Map - 1953











Preliminary SVI Study - 2009/10

Table 1 Analytical Summary Indoor Air and Sub Slab Vapor 1205 Central Avenue Albany, New York

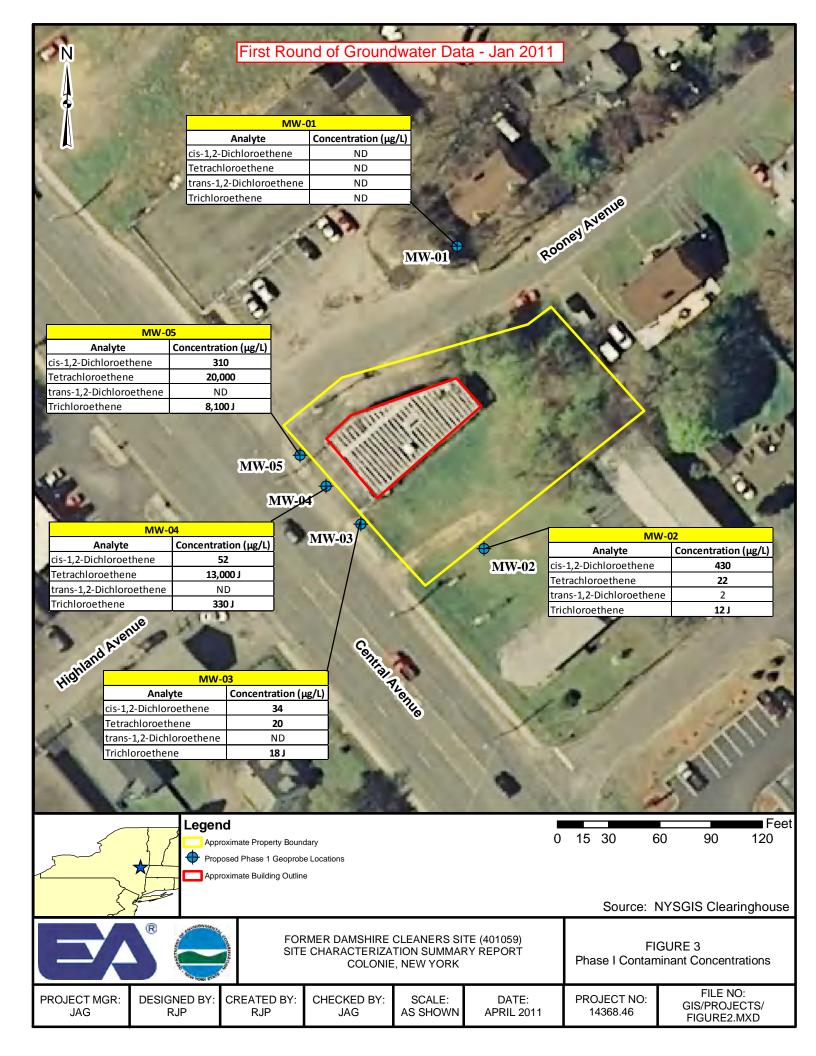
Parameter	HOA220481-001	HOA220481-002	HOA220481-003
	Indoor Ambient	Sub Slab 1	Sub Slab 2
Ethylbenzene	0.50	ND (140)	ND (490)
Trichlorofluoromethane	1.7	230	ND (640)
Methylene chloride	ND (0.69)	2,100	ND (990)
Benzene	1.4	ND (110)	ND (360)
Tetrachloroethene (PCE)	57	27,000	130,000
Toluene	2.8	160	ND (430)
Trichloroethene (TCE)	ND (0.21)	220	ND (310)
1,1,2-Trichloro-1,2,2-	0.72	ND (250)	ND (870)
trifluoroethane			
1,2,4-Trimethylbenzene	0.43	ND (160)	ND (560)
o-Xylene	0.49	ND (140)	ND (490)
m-Xylene & p-Xylene	1.5	ND (140)	ND (490)
Carbon tetrachloride	0.75	ND (210)	ND (710)
Chloromethane	4.4	ND (170)	ND (300)
Dichlorodifluoromethane	3.4	ND (160)	ND (560)
Cis-1,2-Dichloroethene	ND (0.32)	260	ND (450)

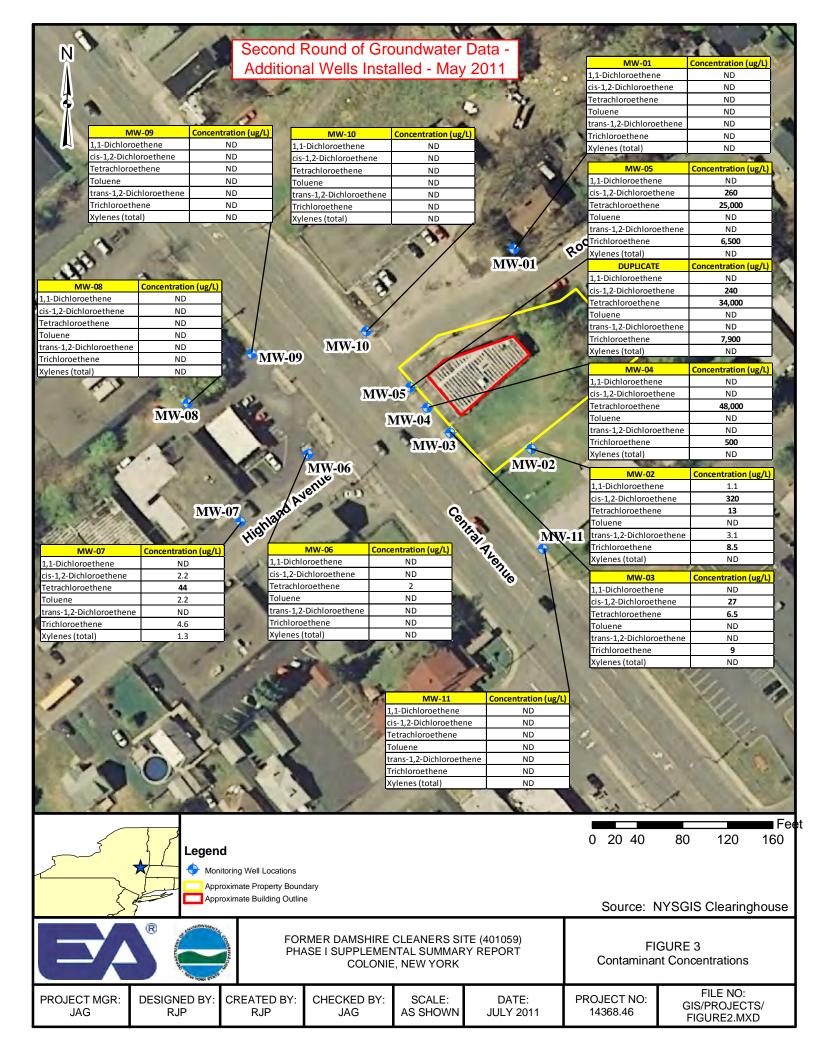
Notes:

All results presented in ug/m3 (parts per billion)

ND denotes not detected above method detection limit. The number in the parentheses are the laboratory reporting limits in ug/m3.

Samples Sub Slab 1 &2 required dilution by a factor of 414.3 and 1,419.1, respectively.





EA Engineering P.C. and Its Affiliate EA Science and Technology

EA Project No.: 14368.46 Revision: FINAL Table 1, Page 1 of 1 May 2011

TABLE 1 VOLATILE ORGANIC COMPOUND DETECTIONS IN SUBSURFACE SOIL

Parameter List	Sample Location	SB-01		SB-02		SB-03		SB-03		SB-04		SB-04		SB-05		Groundwater Protection Part 375
USEPA Method 8260B	Sample Date	1/18/201	11	1/18/20	11	1/18/20	11	1/18/20	11	1/18/20	11	1/18/20	11	1/19/20	11	Soil Cleanup
	Sample Depth (ft bgs)	2' - 3'		5' - 6'		1' - 2'	1	7' - 8'		2' - 3'	1	14' - 1	5'	11' - 1:	2'	Objectives (ppm)
cis-1,2-Dichloroethene	mg/kg		U		U		U	0.0059			U		U		U	0.25
Tetrachloroethene	mg/kg		UJ		UJ	0.0013	J	0.18	J	0.031	J	830		24		1.3
Trichloroethene	mg/kg		U		U		U	0.033		0.002			U	12		0.47

NOTE: USEPA = United States Environmental Protection Agency

og s = Below ground surface

ppm = Parts Per Million

m g/kg = Milligrams per kilogram

U = Indicates the compounds was analyzed but was not detected.

J = Indicates an estimated value.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

--- = No applicable standard

D = Identifies all compounds identified in an analysis at a secondary dilution factor.

Bold values indicate exceedence of standard

Standards taken from Groundwater Protection Part 375 Soil Cleanup Objectives

Second Round of Soil Data -Additional Wells Installed - May 2011

EA Project No.: 14368.46 Revision: DRAFT Table 1, Page 1 of 1 July 2011

TABLE 1 VOLATILE ORGANIC COMPOUND DETECTIONS IN SUBSURFACE SOIL

Parameter List USEPA Method 8260B	Sample Location Sample Date Sample Depth (ft bgs)	MW-0 5/16/20 4' - 5'	11	MW-0 5/16/20 10' - 1	11	MW-0 5/16/20 6' - 7'	11	MW-0 5/16/20 14' - 1:	11	MW-0 5/17/20 11' - 12	11	MW-09 5/17/20 5' - 6'	11	MW-09 5/17/20 6' - 7'	11	Groundwater Protection Part 375 Soil Cleanup Objectives (mg/kg)
Acetone	mg/kg		U		UJ		U		UJ	0.21			U		U	0.05
2-Butanone	mg/kg		U		U		U		U	0.048			U		U	
cis-1,2-Dichloroethene	mg/kg		U		U		U	0.018		0.043			U		U	0.25
Tetrachloroethene	mg/kg	0.041		0.7		0.085		0.67			U		U		U	1.3
Trichloroethene	mg/kg		U	0.043	J	0.011		0.056	J	0.01			U		U	0.47
Parameter List USEPA Method 8260B	Sample Location Sample Date Sample Depth (ft bgs)	MW-1 5/18/20 7' - 8'	11	MW-1 5/18/20 5' - 6'	11	MW-1 5/18/20 13' - 1-	11	Duplicat 5/18/20 13' - 14	11							Groundwater Protection Part 375 Soil Cleanup Objectives (mg/kg)
Acetone	mg/kg		U		U		UJ		UJ							0.05
2-Butanone	mg/kg		U		U		U		U							
cis-1,2-Dichloroethene	mg/kg		U		U		U		U							0.25
Tetrachloroethene	mg/kg		U	0.0047			U		U							1.3
Trichloroethene	mg/kg		U		U		UJ		UJ							0.47

(a) Duplicate sample was collected from MW-10 (7-8)

NOTE: USEPA = United States Environmental Protection Agency

 $bg\ s = Below\ ground\ surface$ $m\ g/kg = Milligrams\ per\ kilogram$

U = Indicates the compounds was analyzed but was not detected.

--- = No applicable standard

Standards taken from Groundwater Protection Part 375 Soil Cleanup Objectives

First Round of Groundwater Data - Jan 2011

EA Project No.: 14368.46 Revision: FINAL Table 2, Page 1 of 1 May 2011

TABLE 2 VOLATILE ORGANIC COMPOUND DETECTIONS IN GROUNDWATER

Parameter List	Sample Location Sample Date	MW-0 1/20/20		MW-0 1/20/20		MW-0		MW-0 1/20/20		MW-0 1/20/20		NYSDEC Ambient Water Quality Standard
USEPA Method 8260B	Sample Type	Grab	1	Grab		Grat)	Grab		Grab		Class GA (µg/L)
cis-1,2-Dichloroethene	μg/L		U	430		34		52		310		5
Methyl tert-butyl Ether	μg/L		UJ	0.7	J		UJ		U		UJ	
Tetrachloroethene	μg/L		U	22		20		13,000	J	20,000		5
trans-1,2-Dichloroethene	μg/L		U	2.0			U		U		U	5
Trichloroethene	μg/L		UJ	12	J	18	J	330	J	8,100	J	5

NOTE: USEPA = United States Environmental Protection Agency

NYSDEC = New York State Department of Environmental Conservation

 μ g/L = Micrograms per liter

U = Indicates the compound was analyzed for but was not detected.

J = Indicates an estimated value.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

--- = No applicable standard

Bold values indicate exceedence of standard

Standards taken from Part 375 Unrestricted Soil Cleanup Objectives

Standards taken from NYSDEC Part 703

Second Round of Groundwater Data -Additional Wells Installed - May 2011

EA Project No.: 14368.46 Revision: DRAFT Table 2, Page 1 of 1 July 2011

TABLE 2 VOLATILE ORGANIC COMPOUND DETECTIONS IN GROUNDWATER

1,1-Dichloroethene μg/L U 320 27 U 260 5	Parameter List USEPA Method 8260B	Sample Location Sample Date Sample Type	MW-0 5/25/20 Grab)11	MW-0 5/25/20 Grab		MW-(5/25/20 Grab)11	MW-0 5/25/20 Grab	11	MW-0 5/25/20 Grab)11	NYSDEC Ambient Water Quality Standard Class GA (µg/L)
Tetrachloroethene μg/L U 13 6.5 48,000 25,000 5	1,1-Dichloroethene	μg/L		U	1.1			U		U		U	5
Totuene	cis-1,2-Dichloroethene	μg/L		U						U			5
Trichloroethene μg/L U 3.1 U U U U 5	Tetrachloroethene	μg/L		U	13		6.5		48,000		25,000		
Trichloroethene		μg/L		U		U		_		_			5
Nyspec	trans-1,2-Dichloroethene	μg/L		U				U		U		U	5
Sample Location MW-06 MW-07 MW-08 MW-09 MW-10 Water Quality Standard (Liss 12,-2) Lil-1-Dichloroethene μg/L U U U U U U U U U	Trichloroethene	μg/L		_	8.5		9.0		500		6,500		5
Sample Location MW-06 MW-07 MW-08 MW-09 MW-10 Sample Type Sample Date 5/25/2011 5	Xylenes (total)	μg/L		U		U		U		U		U	5
USEPA Method 8260B Sample Type Grab Grab Grab Grab Grab Grab Grab Grab Class GA (μg/L)													Water Quality
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						11							
cis-1,2-Dichloroethene μg/L U 2.2 U U U 5 Tetrachloroethene μg/L 2.0 44 U U U U 5 Toluene μg/L U 2.2 U U U U 5 Trichloroethene μg/L U U U U U U 5 Xylenes (total) μg/L U 4.6 U U U U 5 Xylenes (total) μg/L U 4.6 U U U 5 Xylenes (total) μg/L U 4.6 U U U 5 Xylenes (total) μg/L U 5.25/2011 MW-11 DUPLICATE NYSDEC Ambient Water Quality Standard Class GA (μg/L) Class GA (μg/L) Standard Class GA (μg/L) Standard Class GA (μg/L) 5 Tetrachloroethene μg/L U 240 5 5 Tetrachloroethene μg/			Grab		Grab		Grat		Grab		Grab		
Tetrachloroethene	-,			_		U		_		_		_	
Toluene	, , , , , , , , , , , , , , , , , , , ,			U				_		_			
trans-1,2-Dichloroethene μg/L U U U U U U U Sample Location MW-11 DUPLICATE NYSDEC Ambient NYSDEC Ambient Water Quality Standard Class GA (μg/L) Standard Standard Class GA (μg/L) Standard Class GA (μg/L) Standard Class GA (μg/L) Standard Standard Class GA (μg/L) Standard Standard <t< td=""><td></td><td></td><td>2.0</td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td></t<>			2.0					_					
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Xylenes (total) μg/L 1.3 U U U U 5 Parameter List USEPA Method 8260B Sample Date Sample Date USEPA Method 8260B 5/25/2011 Sample Type 5/25/2011 Grab 5/25/2011 Grab 5/25/2011 Grab 1.3 U U U NYSDEC Ambient Water Quality Standard Class GA (μg/L) 1,1-Dichloroethene μg/L U U U 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 5 6 5 6 5 6	, , , , , , , , , , , , , , , , , , , ,			_		U		_					
Parameter List Sample Location MW-11 DUPLICATE Parameter List Sample Date 5/25/2011 5/25/2011 USEPA Method 8260B Sample Type Grab Grab 1,1-Dichloroethene μg/L U U cis-1,2-Dichloroethene μg/L U 240 Tetrachloroethene μg/L U 34,000 Toluene μg/L U U trans-1,2-Dichloroethene μg/L U U Trichloroethene μg/L U Toluene trans-1,2-Dichloroethene μg/L U Toluene trans-1,2-Dichloroethene μg/L U Toluene Trichloroethene μg/L U Toluene Trichloroethene μg/L U Toluene Trichloroethene μg/L U Toluene Trichloroethene μg/L U Toluene Toluene Toluene Toluene Toluene Toluene Toluene Toluene Toluene<				U						_		_	
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Fig. 1		Sample Date	5/25/20	11	5/25/20								Water Quality Standard
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,1-Dichloroethene	μg/L		U		U							5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	cis-1,2-Dichloroethene			U	240								5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tetrachloroethene			U	34,000								5
Trichloroethene μg/L U 7,900 5	Toluene	μg/L		U		U							5
Trichloroethene μg/L U 7,900 5	trans-1,2-Dichloroethene	μg/L		U		U							5
Xylenes (total) μg/L U U 5	Trichloroethene			U	7,900								5
	Xylenes (total)	μg/L		U		U							5

NOTE: USEPA = United States Environmental Protection Agency

NYSDEC = New York State Department of Environmental Conservation

 μ g/L = Micrograms per liter

U = Indicates the compound was analyzed for but was not detected.

J = Indicates an estimated value.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

--- = No applicable standard

Bold values indicate exceedence of standard

Standards taken from Part 375 Unrestricted Soil Cleanup Objectives

Standards taken from NYSDEC Part 703

Duplicate sample collected at MW-05.

New York State Department of Environmental Conservation Division of Environmental Remediation

Bureau of Technical Support, 11th Floor 625 Broadway, Albany, NY 12233-7020

Phone: (518) 402-9553 • Fax: (518) 402-9547

Website: www.dec.ny.gov



September 26, 2011

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Ms. Nina Crisafulli 4232 Albany Street Albany, New York 12205

Dear Ms. Crisafulli:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), the New York State Department of Environmental Conservation (Department) must maintain a registry of all inactive disposal sites suspected or known to contain hazardous wastes. The ECL also mandates that this Department notify, by certified mail, the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites.

Our records indicate that you are the owner or part owner of the site listed below. Therefore, this letter constitutes notification of the inclusion of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State. Once listed in the Registry, the site becomes subject to certain restrictions prescribed by provisions of 6 NYCRR Part 375. These regulations may be found at the following DEC website address: http://www.dec.ny.gov/regs/4373.html.

DEC Site No.:

401059

Site Name:

Former Damshire Cleaners

Site Address:

1205 Central Avenue, Colonie, New York 12205

Site Classification: 2

Enclosed is a copy of the Department's Inactive Hazardous Waste Disposal Site Report form as it will appear in the Registry. An explanation of the site classification is available at http://www.dec.ny.gov/chemical/8663.html. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition.



Such petition may be addressed to:

Honorable Joseph J. Martens Commissioner New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-1010

For additional information, please contact Michael MacCabe, the Project Manager, at 518-402-9687.

Sincerely,

Kelly A. Lewandowski, P.E.

Chief

Site Control Section

Enclosures

bec: w/o Enclosures

- D. Desnoyers
- D. Weigel
- A. English
- K. Lewandowski
- P. Humphrey
- M. MacCabe, Project Manager
- J. Moras, Section Chief
- S. Bates, NYSDOH
- A. DeMarco, Project Manager, NYSDOH
- R. Cozzy, Chief, Remedial Bureau B
- R. Ostrov, Regional Attorney, Region 4
- K. Goertz, RHWRE, Region 4
- W. Clarke, Regional Permit Administrator, Region 4
- S. Heigel, Site Control Section



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL REMEDIATION Inactive Hazardous Waste Disposal Report



Site Code

401059

Site Name

Former Damshire Cleaners

Address

County

1205 Central Avenue

Classification

City

Albany

Zip

12205

Region

4

Albany

Town Colonie

Latitude

42 degrees, 41 minutes, 42.00 seconds

Estimated Size

0.3900

Longitude

-73 degrees, 48 minutes, 24.00 seconds

Site Type

Disposal Area

Site Description

Location: The Former Damshire Cleaners site is located at 1205 Central Avenue in the Town of Colonie, Albany County and is about 0.39 acres in size (Tax Map No.: 53.06-06-35.1). The site is bordered by a church to the southeast, a commercial area to the northwest, a residential area to the northeast and commercial and residential areas to the southwest. Patroon Creek is about 3000-feet downgradient of the subject site.

Site Features: The currently vacant, concrete-block building is approximately 3600-square-feet in size and is surrounded by an asphalt parking lot to the northwest and southwest, a grassy area and a dirt driveway to the southeast and a wooded area to the northeast.

Current Zoning/Use: The site is currently inactive and is located in a mixed residential and commercial area in the Town of Colonie. The site is zoned Neighborhood Commercial Office Residential.

Historical Use: Damshire Cleaners conducted dry cleaning operations onsite until approximately 2001. Several notices of violation pertaining to fugitive air emission exceedances were issued to the dry cleaning facility in 1999 through 2000. Tetrachloroethene (PCE, a dry cleaning chemical) is reported to have been leaking on the floor below dry cleaning equipment for as long as a year prior to shutdown in 2001.

A fuel oil spill at the site was reported to the Spill Program in November of 2001. Chlorinated solvent contamination was discovered in the soil during the underground storage tank removal, which caused the spill project to remain open.

Ownership of the property was transferred in September of 2007. The current owner conducted a preliminary soil vapor intrusion study at the site in 2010. The study detected significant levels of chlorinated solvent contamination in both the subslab vapor and indoor air. The property owner was not willing to conduct further investigation of the onsite soil and groundwater, which resulted in the site being referred to the Superfund Program as a potential site. Additional subsurface investigation, limited to offsite areas, was conducted by the New York State Department of Environmental Conservation (NYSDEC) in 2011.

Site Geology and Hydrogeology: Based upon recent subsurface investigations conducted near the subject property, overburden in the area consists of silty-fine sand with clay lenses. Depth to groundwater is between 4.3 to 5.5-feet below ground surface (bgs) and flows to the southwest.

Refer to Spill # 0107674 for additional background information.

Contaminants of Concern (Including Materials Disposed)

Quantity

OU 01

TETRACHLOROETHYLENE (PCE) TRICHLOROETHENE (TCE) **DICHLOROETHYLENE**

Analytical Data Available for:

Groundwater, Soil, Soil Vapor, Indoor Air

Applicable Standards Exceeded for:

Groundwater, Soil, Soil Vapor

9/23/2011

Site Environmental Assessment

Nature and Extent of Contamination:

Prior to consideration as a potential Superfund site (P-site), a soil vapor intrusion study was conducted by the current property owner. The study detected significant levels of chlorinated solvent contamination in the subslab vapor and indoor air. Tetrachloroethene (PCE) concentrations were as high as $130,000~\mu\text{g/m3}$ in the subslab vapor and $57~\mu\text{g/m3}$ in the indoor air, which would qualify for mitigation according to the New York State Department of Health's (NYSDOH's) guidance criteria. Trichloroethene (TCE) concentrations were as high as $220~\mu\text{g/m3}$ in the subslab vapor, which would qualify for monitoring according to NYSDOH's guidance criteria.

Onsite access was not granted to the New York State Department of Environmental Conservation (NYSDEC) during site characterization. Therefore, subsurface soil and groundwater sampling was conducted in the right-of-ways and on properties near or adjacent to the subject site.

Based upon environmental data collected to-date, the primary contaminants of concern in the offsite soil include PCE and TCE. PCE concentrations in the soil were highest directly southwest of the property and ranged from 24 to 830 mg/kg at 11 to 15-feet below ground surface (bgs) [Commercial Soil Cleanup Objective (SCO) = 150 mg/kg; Protection of Groundwater SCO = 1.3 mg/kg]. The highest concentration of TCE in the offsite soil was 12 mg/kg at a depth of 11 to 12-feet bgs [Commercial SCO = 200 mg/kg; Protection of Groundwater SCO = 0.47 mg/kg]. Further investigation is necessary onsite to define onsite contamination levels and source areas.

Groundwater directly downgradient (southwest) of the site exhibited significant chlorinated solvent contamination. The primary contaminants of concern in the offsite groundwater include PCE, TCE and cis/trans-1,2-dichloroethene (DCE). PCE concentrations ranged from 2 to 48,000 μ g/L, TCE concentrations from 5 to 7,900 μ g/L and DCE concentrations from 27 to 432 μ g/L [NYSDEC Class GA Principal Organic Contaminant Standard = 5 μ g/L]. The chlorinated solvent plume is migrating beyond Central Avenue toward a commercial and residential neighborhood. Further investigation is necessary offsite to define the extent of migration and potential for impacts to the offsite residences.

Site Health Assessment

Access to the site is unrestricted. However, contact with contaminated soil or groundwater is unlikely unless they dig below the ground surface. People are not drinking the contaminated groundwater since the area is served by a public water supply system that is not contaminated by the site. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern for the on-site building. The potential exists for soil vapor intrusion in off-site structures.

Owners Operators

Current Owner(s)

Ms. Nina Crisafulli

4232 Albany Street

Albany NY 12205

PUBLIC NOTICE

State Superfund Program

Receive Site Information by Email. See "For More Information" to Learn How.

Site Name: Former Damshire Cleaners

October 17, 2011

Site No. 401059 Tax Map No. 53.06-06-35.1

Site Location: 1205 Central Avenue, Town of Colonie, New York 12205

Inactive Hazardous Waste Disposal Site Classification Notice

The Inactive Hazardous Waste Disposal Site Program (the State Superfund Program) is the State's program for identifying, investigating, and cleaning up sites where the disposal of hazardous waste may present a threat to public health and/or the environment. The New York State Department of Environmental Conservation (Department) maintains a list of these sites in the Registry of Inactive Hazardous Waste Disposal Sites (the "Registry"). The site identified above, and located on a map on the reverse side of this page, was recently added to the Registry as a Class 2 site that presents a significant threat to public health and/or the environment for the following reason(s):

The site is a former dry cleaning business that operated for several decades and closed in 2001. The building is currently unoccupied. The improper handling of the dry cleaning solvent tetrachloroethene (PCE) has resulted in on-site groundwater contamination. PCE was detected in a sub-slab vapor sample in the on-site structure. The site presents a significant threat to public health and the environment due to the on-site groundwater contamination, the potential for soil vapor intrusion issues caused by possible groundwater contamination migrating off-site and ongoing release(s) of contamination to groundwater from source area(s) located on-site.

The Department will keep you informed throughout the investigation and cleanup of the site.

If you own property adjacent to this site and are renting or leasing your property to someone else, please share this information with them. If you no longer wish to be on the contact list for this site or otherwise need to correct our records, please contact the Department's Project Manager listed below.

FOR MORE INFORMATION

Additional information about this site can be found using the Department's "Environmental Site Remediation Database" Search" engine which is located on the internet at: www,dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

Comments and questions are always welcome and should be directed as follows:

Project Related Questions Michael MacCabe, Project Manager NYS Department of Environmental Conservation 625 Broadway Albany, New York 12233-7016 518-402-9687 mdmaccab@gw.dec.state.ny.us

Health Related Questions Albert DeMarco New York State Department of Health 547 River Street Troy, NY 12180-2216 518-402-7880 beei@health.state.ny.us

The Department is sending you this notice in accordance with Environmental Conservation Law Article 27, Title 13 and its companion regulation (6 NYCRR 375-2.7(b)(6)(ii)) which requires the Department to notify all parties on the contact list for this site of this recent action.

Approximate Site Location

Former Damshire Cleaners Site ID 401059 1205 Central Avenue, Town of Colonie, NY 12205



Receive Site Updates by Email

Have site information such as this public notice sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you better informed.



As a listsery member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

You may continue also to receive paper copies of site information for a time after you sign up with a county listsery, until the transition to electronic distribution is complete.

Note: Please disregard if you received this notice by way of a county email listserv.

Electronic copies:

D. Desnoyers, Director, Division of Environmental Remediation

A. English, Director, Bureau of Technical Support

K. Lewandowski, Chief, Site Control Section

R. Cozzy, Director, Remedial Bureau B

K. Goertz, RHWRE, Region 4

W. Clarke, Regional Permit Administrator, Region 4

R.Georgeson, Regional CPS, Region 4

S. Bates, NYSDOH

A. DeMarco, NYSDOH

J. Crua, NYSDOH

M. Schuck, NYSDOH

L. Ennist, DER, Bureau of Program Management

J. Moras, Section Chief

M. MacCabe, Project Manager

S. Heigel, Site Control Section

The Spotlight The Daily Gazette The Times Union 2345 Maxon Road 125 Adams Street News Plaza, P.O. Box 15000 Schenectady, NY 12308 Delmar, NY 12054 Alabny, NY 12212 Town of Colonie Town of Colonie Memorial Town Hall Division of Environmental Services Colonie Town Supervisor Town Clerk 534 Loudon Road Memorial Town Hall 1319 Loudon Road Latham, NY 12210 534 Loudon Road Cohoes, NY 12047 Newtonville, NY 12128 William K. Sanford Town Library Albany County Health Dept. Albany County DPW Commissioner Commissioner 629 Albany Shaker Road 175 Green Street 449 New Salem Road Loudonville, NY 12211 Albany, NY 12202 Voorheesville, NY 12168 Albany County Legislature Albany County Executive County Clerk Attn: Michael G. Breslin Albany County Chair Albany County 112 State Street, RM 200 32 North Russell Road 112 State Street, RM 710 Albany, NY 12207 Albany, NY 12206 Albany, NY 12207 Dept. of Eco Dev't, Cons. and Plng. Office of Senator Neil D. Breslin Office of Assemblyman Bob Reilly Albany County Sen. Neil D. Breslin Assemblyman Bob Reilly Assembly District 109 Office 112 State Street, Room 720. D-District 46, Capitol Room 413 172 State Street 3 Halfmoon Executive Park Drive Albany, NY 12207 Clifton Park, NY 12065 Albany, NY 12247 Office of Congressman Paul D. Tonko Office of Senator Kirsten Gillibrand Office of Senator Charles E. Schumer Congressman Paul D. Tonko Senator Kirsten Gillibrand Senator Charles E. Schumer 21st Congressional District New York City Office New York City Office 780 Third Avenue, Suite 2601 757 Third Avenue, Suite 17-02 422 Cannon HOB New York, NY 10017 New York, NY 10017 Washington, DC 20515 Citizens Environmental Coalition Current Occupant Current Occupant 1205 Central Avenue 1225 Central Avenue Director 33 Central Avenue Albany, NY 12205 Albany, NY 12205 Albany, NY 12210 Current Occupant Current Occupant Current Occupant 10 Wilson Avenue 12 Wilson Avenue 8 Wilson Avenue Albany, NY 12205 Albany, NY 12205 Albany, NY 12205

Current Occupant 14 Wilson Avenue Albany, NY 12205

Current Occupant

12 Rooney Avenue

Albany, NY 12205

Current Occupant 3 Lorini Court Albany, NY 12205

Current Occupant 10 Rooney Avenue Current Occupant 10 Lorini Court Albany, NY 12205

Albany, NY 12205

Current Occupant 8 Rooney Avenue Albany, NY 12205

Current Occupant	Current Occupant	Current Occupant
6 Rooney Avenue	5 Rooney Avenue	9 Rooney Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant 11 Rooney Avenue Albany, NY 12205	Current Occupant 11 N. Elmhurst Avenue Albany, NY 12205	Current Occupant 7 N. Elmhurst Avenue Albany, NY 12205
Current Occupant 5 N. Elmhurst Avenue Albany, NY 12205	Current Occupant 3 N. Elmhurst Avenue Albany, NY 12205	Current Occupant 1201 Central Avenue Albany, NY 12205
Roessleville Presbyterian Church 1 N. Elmhurst Avenue Albany, NY 12205	Green's Appliances Attn: Al Green 1207 Central Avenue Albany, NY 12205	1207 Central Realty, LLC 1207 Central Avenue Albany, NY 12205
Nan Nails Attn: Nan To 1210 Central Avenue Albany, NY 12205	Current Occupant 3 Highland Avenue Albany, NY 12205	Current Occupant 9 Highland Avenue Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
1218 Central Avenue	1220 Central Avenue	12 Arcadia Court
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
10 Arcadia Court	8 Arcadia Court	1224 Central Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
1197 Central Avenue	6 N. Elmhurst Avenue	8 N. Elmhurst Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
10 N. Elmhurst Avenue	12 N. Elmhurst Avenue	8 Highland Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
6 Highland Avenue	1204 Central Avenue	1208 Central Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
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Current Occupant 1200 Central Avenue Albany, NY 12205	Current Occupant 1 Elmhurst Avenue Albany, NY 12205	Current Occupant 3 Elmhurst Avenue Albany, NY 12205
Current Occupant 5 Elmhurst Avenue Albany, NY 12205	Current Occupant 7 Elmhurst Avenue Albany, NY 12205	Current Occupant 9 Elmhurst Avenue Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
10 Elmhurst Avenue	8 Elmhurst Avenue	6 Elmhurst Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
4 Elmhurst Avenue	2 Elmhurst Avenue	2A Elmhurst Avenue
Albany, NY 12205	Albany, NY 12205	Albany, NY 12205
Current Occupant 1198 Central Avenue Albany, NY 12205	P&J Computers Attn: Paul Joralemon 1 Highland Avenue Albany, NY 12205	P&J Computers Attn: Jeff Thomas 1 Highland Avenue Albany, NY 12205
Snyder Neon & Plastic Signs	Current Occupant	Current Occupant
5 Highland Avenue	302 NW 1st Street	1217 Central Avenue
Albany, NY 12205	Del Ray Beach, FL 33444	Albany, NY 12205
Current Occupant 288 Whitehall Road Albany, NY 12209	Current Occupant 7 Arden Court Albany; NY 12205	Current Occupant 7 Rooney Avenue Albany, NY 12205
Current Occupant	Current Occupant	Current Occupant
1890 Central Avenue	7359 Church Road	205 Shaker Park Drive
Albany, NY 12205	Schenectady, NY 12306	Albany, NY 12211
Town of Colonie	Kerslakes Budget Motel	1197 Central Realty, LLC
P.O. Box 508,	14311 Route 9W	3 Fernwood Drive
Albany, NY 12205	Ravena, NY 12143	Loudonville, NY 12211
AJS Highland, LLC	Herbert Reilly Living Trust	Current Occupant
2763 New Scotland Road	22 Voorheesville Avenue	P.O. Box 5282,
Voorheesville, NY 12186	Voorheesville, NY 12186	Albany, NY 12205

.

Current Occupant 1277 Central Avenue Albany, NY 12205 Cumberland Farms Inc. 777 Dedham Street Canton, MA 02021 Current Occupant 4232 Albany Street Albany, NY 12205