



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF ENVIRONMENTAL REMEDIATION
Site Classification Report



10/26/2010

Site Code:	837006	Site Name:	Haight Farm
City:	CLARENDON	Town:	Clarendon
Region:	8	County:	Orleans
Current Classification:	02	Proposed Classification:	04
Estimated Size (acres):	1.00	Extra Details:	Dump
Significant Threat:	Previously	Site Type:	
Priority ranking Score:		Project Manager:	Valerie Woodward

Summary of Approvals

Originator/Supervisor: Joseph White	06/10/2010
RHWRE: Bart Putzig:	08/10/2010
BEEI of NYSDOH:	07/28/2010
CO Bureau Director: Robert Knizek, Director, BURE:	08/12/2010
Assistant Division Director: Sal Ervolina:	10/01/2010

Site Description

Haight Farms is located at 4879 Upper Holley Road in the town of Clarendon in Orleans County. It is in a rural area with several homes neighboring it on three sides. The fenced property is sloped down toward the road to the west with a residence and farm field beyond. In 1969, the Haight Farm property was used to store approximately 40 barrels of a waste mixture that contained spent cutting oil and trichloroethylene (TCE) solvent from a manufacturing company located in the nearby Village of Holley. These drums were stored at the site for about 15 years and were continuously exposed to the elements. Over that time, many of the drums had deteriorated and developed leaks. In December of 1984, drums that could be moved without failure were removed and drums that were too seriously corroded to move were left at the site. It is speculated that nearly 200 gallons of contaminated waste oil spilled onto the ground surface during the move and prior to site discovery. The NYSDEC removed the remaining drums for disposal. The NYSDOH collected drinking water samples from nearby residential supply wells. TCE and related breakdown components were detected in three of the drinking water supply wells. As a precaution, carbon filters were installed on all of the nearby wells. A RI/FS Consent Order was signed in early 1989 and phase I of the RI/FS was completed in 1992. The second phase of the RI/FS was completed under State Superfund in 1998. A ROD was signed in March of 1998 and called for the excavation and off-site disposal of contaminated soils and the construction of a dual phase vapor extraction system to treat the contaminated groundwater in the spill source area. The dual phase vapor extraction (DVE) system was built in 1999 and operated from that time until May of 2001 in conjunction with a groundwater monitoring program. The NYSDOH collected drinking water samples from nearby residential supply wells in 2001 and did not detect any adverse impacts from the site. The remedial system is now shut down and groundwater monitoring continues. Hanson Quarry connected most home to public water in 2001-2003 because of possible impacts from the quarry dewatering operations. In the course of reissuing a permit to Hanson Quarry, NYSDEC has added 6 quarry wells and the quarry sump to the Site Management



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sampling plan for Haight Farms. In 2005 DEC conducted an indoor air investigation of three neighboring homes but could only access two. The resulting information indicated that there was no need for mitigation at the homes. Site Management groundwater sampling is on going. Starting in 2009 only annual Site Management sampling during Sept/Oct months is required.

Contaminants of Concern (Including Materials Disposed)	Quantity Disposed
OU 01 TRICHLOROETHENE (TCE)	0.00

Analytical Data Available for : Air, Groundwater, Surface Water, Soil, Sediment, Indoor Air

Applicable Standards Exceeded for: Groundwater, Drinking Water

Site Environmental Assessment

The primary contaminant of concerns is trichloroethylene (TCE). Both surface, subsurface soils and groundwater were contaminated by TCE and its breakdown products. Contaminated soils have been excavated and disposed off-site during the remedial activities. The Dual Vapor Extraction (DVE) system treated the contaminated groundwater until May of 2001. It has been determined that the goals of the DVE remediation have been reached to the extent practicable and the system has been decommissioned. Vapor Intrusion investigations of two neighboring homes has been completed and results indicate that no mitigation is needed. Site Management sampling of groundwater is on going to verify that natural attenuation of the groundwater continues.

Site Health Assessment

No one is expected to come into contact with contaminants in the groundwater from this site since public water is supplied to the area. Contact with contaminated soil at the site is not likely as the majority of the contamination is in the sub-surface material.

Remedy Description and Cost

Remedy Description for Operable Unit 01

Excavation and off-site treatment of Soils, DVE System to treat soils and Groundwater with groundwater monitoring monitor.

Total Cost \$667,000

Remedy Description for Operable Unit 01A

Removing approximately 40 barrels from the site that contained a waste mixture that contained spent cutting oil and TCE solvent from a manufacturing company located in the nearby Village of Holley.

Total Cost



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Remedy Description for Operable Unit 01B

One homeowner drinking water supply contained TCE from the site and was connected to public water.

Total Cost

Remedy Description for Operable Unit 01C

Design and construction of DVE system to treat the contaminated soil in the spill area, with a pilot study to determine whether this system could also treat the contaminated groundwater in the spill area.

Total Cost

Remedy Description for Operable Unit 01D

Indoor air investigation of homes surrounding site

Total Cost

OU 00 Site Management Plan Approval: 02/01/1990 Status: ACT

Basis for Classification Change

Contaminated soils have been excavated and disposed offsite during the remedial activities. The DVE system treated the contaminated groundwater until May of 2001. It has been determined that the goals of the DVE remediation have been reached to the extent particable and the system has been decommissioned. Vapor Intrusion investigations of two neighboring homes has been completed and results indicate that no mitigation is needed. Though it has greatly been diminished by remedial activities, a narrow plume of groundwater contamination still exists above NYSDEC standards but there are no downgradient receptors of groundwater. Monitoring of groundwarter will continue to be performed periodically into the future.

List of Applicable Documents:

- 1) Haight Farm Site Annual Operation Maintenance & Monitor reports for years 2003-2009
- 2) Data from residential sampling 5//23/2001
- 3) Vapor Intrusion No Further Action letter.
- 4) 1998 ROD



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RHWRE: Bart Putzig:

BEEI of NYSDOH:

CO Bureau Director: Robert Knizek, Director, BURE:

Assistant Division Director: Sal Ervolina:

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Total Cost

OU 00

Site Management Plan Approval: 02/01/1990

Status: ACT

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List of Applicable Documents:

- 1) Height Farm Site Annual Operation Maintenance & Monitor reports for years 2003-2009
- 2) Data from residential sampling 5//23/2001
- 3) Vapor Intrusion no further action letter.
- 4) 1998 ROD



SITE INVESTIGATION INFORMATION

1. SITE NAME Haight Farms		2. SITE NUMBER 837006	3. TOWN/CITY/VILLAGE Clarendon	4. COUNTY Orleans
5. REGION 8	6. PROGRAM TYPE BCP <input type="checkbox"/> ERP <input type="checkbox"/> SPILL <input type="checkbox"/> SUPERFUND <input checked="" type="checkbox"/> If Superfund: Current <u>2</u> Proposed <u>4</u> Modification			
7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)				
a. Quadrangle		b. Site Latitude 43 10' 42"	Site Longitude -78 4' 18"	
c. Tax Map Numbers		d. Site Street Address 4879 UPPER HOLLEY ROAD		
8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)				
a. Area 1 ± acres		b. Completed: () Env. Property Assessment (<input checked="" type="checkbox"/>) Site Characterization () SI () ESI (<input checked="" type="checkbox"/>) IRM (<input checked="" type="checkbox"/>) RI (<input checked="" type="checkbox"/>) Construction () OM&M () Spill Response () Other _____		
9. Hazardous Waste Disposed ((Hazardous Waste, Petroleum, Other. Includes EPA Hazardous Waste Numbers)				
Multiple drums of chlorinated solvent waste from local industry were stored at the site. During a drum removal several of the drums were ruptured and a spill occurred. Removal of contaminated soil down to bedrock was completed resulting in a substantial drop in contamination in ground water. Residual contamination existed in the Bedrock and as a result a trench and DVE system were installed. Home owner down gradient was hook into Public water. Other homes were given the opportunity to connect to public water by Hanson Quarry. After several years the DVE system had little impact and any drops in TCE concentration were in fact natural seasonal fluctuation affects. Levels of contaminants are comparable to last several years and shows a slow decline over all.				
10. ANALYTICAL DATA AVAILABLE				
a. (<input checked="" type="checkbox"/>)Air (<input checked="" type="checkbox"/>)Groundwater ()Surface Water ()Sediment (<input checked="" type="checkbox"/>)Soil (X)Waste ()Leachate ()EPTox ()TCLP b. Contravention of Standards or Guidance Values				
See attached graphed values for TCE (5 ppb) in groundwater on and off site.				
11. CONCLUSION				
Soil contamination was removed and what contamination that is left is in the bedrock. The DVE System operated to the extent practicable and has been shut down. TCE Groundwater contamination plume shows signs of slow attenuation and shrinkage taking place. There are no down gradient groundwater receptors. Vapor intrusion investigation determination was No Further action warranted for offsite residences.				
12. SITE IMPACT DATA				
a. Nearest Surface Water: 1000 ft.		Direction W	Classification _____	
b. Nearest Groundwater: Depth 5 ft.		Flow Direction NW	()Sole Source ()Primary ()Principal	
c. Nearest Water Supply: _____ ft.		Direction _____	Active ()Yes ()No	
d. Nearest Building: Distance 100 ft.		Direction _____	Use _____	
e. Documented fish or wildlife mortality? ()Y (x)N		h. Exposed hazardous waste? ()Y (x)N		
f. Impact on special status fish or wildlife resource? ()Y (x)N		i. Site Priority Ranking Sheet --Impact Score _____		
g. Controlled Site Access? (X)Y ()N		j. EPA ID# _____ HRS Score _____		
13. SITE OWNER'S NAME Last Known Owner- Earl and Margaret Haight		14. ADDRESS currently unknown		15. TELEPHONE
16. PREPARER VALERIE WOODWARD, ENG. GEOLOGIST II, NYSDEC, ALBANY				



APPENDIX 2-1: SSF SITE CLASSIFICATION WORKSHEET

Site Name: Haight Farms Site.
City/Town: Clarendon

Site ID No. 837006
County: Orleans



1. Has remediation been completed in accordance with a ROD including properly addressing institutional controls (ICs)?	<input checked="" type="checkbox"/> Yes (go to 7)	<input type="checkbox"/> No (go to 2)	
2. Has hazardous waste as defined in ECL §27-1301.1 been disposed at the Site?	<input type="checkbox"/> Yes (go to 3)	<input type="checkbox"/> No (stop)	<input type="checkbox"/> 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)?	<input type="checkbox"/> Yes (go to 4)	<input type="checkbox"/> No (go to 6)	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes (Class 1)	<input type="checkbox"/> No (go to 5)	<input type="checkbox"/> Unsure (stop)
5. Is the Site presenting a significant but not imminent threat to public health or the environment?	<input type="checkbox"/> Yes (Class 2)	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes (Class 3)	<input type="checkbox"/> No (go to 10)	
7. Is the site properly remediated but still requires continued active site management to maintain/achieve protectiveness?	<input checked="" type="checkbox"/> Yes (Class 4)	<input type="checkbox"/> No (go to 8)	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes (Class 5)	<input type="checkbox"/> No (go to 9)	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes (Class: C)	<input type="checkbox"/> No (go to 10)	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes (Class: N)	<input type="checkbox"/> No (reevaluate)	<input type="checkbox"/> Unsure (stop)
11. Does insufficient information exist to properly classify the site?	<input type="checkbox"/> Yes (Class P)	<input type="checkbox"/> No (reevaluate)	<input type="checkbox"/> Unsure (stop)

Current Classification: 2

Proposed Classification: 4

Summary of Main Factors Contributing to this Determination:

Rod has been complied with at this site. Soil removal has been completed; DVE system installed / operated and subsequently shut down. All homes in the area are on public water and vapor intrusion investigations have been completed with no impacts found. Some residual contamination in bedrock exists which contribute to the current levels of groundwater contamination. Groundwater contamination plume has narrowed over time and is showing a slow drop in amount of contamination. At this time there are no down gradient receptors at this site.

Valerie Woodward / Eng. Geologist2
Project Manager Name/Title - Print

Valerie Woodward 4/9/10
Project Manager Name - Signature Date

Robert Knizek / Env. Eng 4
Bureau Director/RHWRE Name/Title - Print

Robert C. Knizek 6-9-10
Bureau Director/RHWRE Name - Signature Date

APPENDIX 2-2: SIGNIFICANT THREAT DETERMINATION WORKSHEET



X State Superfund Program
6 NYCRR 375-2.7

Brownfield Cleanup Program
ECL 27-1411.1(c)



Site Name: Haight Farms Site

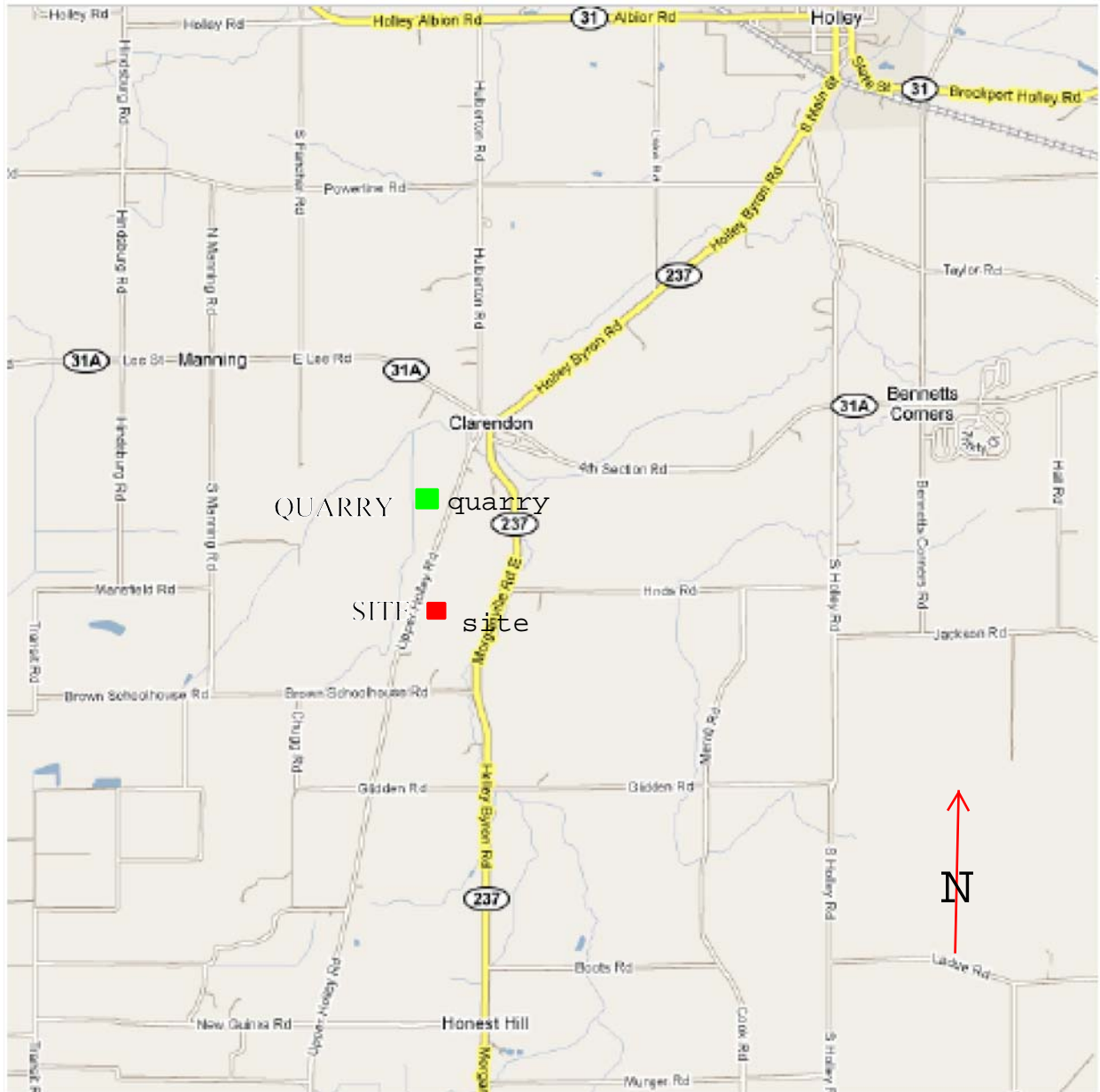
Site ID No. 837006

City/Town: Clarendon County: Orleans

1. Has all available and relevant evidence regarding the Site been reviewed and the factors in 375-2.7(a)(3) considered?	<input checked="" type="checkbox"/> Yes (go to 2)	<input type="checkbox"/> No (stop)	<input type="checkbox"/> Unsure (stop)
2. Does Site contamination result in significant adverse impacts (375-2.7(a)(1)) to:			
a. species that are endangered, threatened, or of concern?	<input type="checkbox"/> Yes (go to b)	<input checked="" type="checkbox"/> No (go to b)	<input type="checkbox"/> Unsure (go to b)
b. protected streams, tidal/freshwater wetlands, or significant fish and wildlife habitat?	<input type="checkbox"/> Yes (go to c)	<input checked="" type="checkbox"/> No (go to c)	<input type="checkbox"/> Unsure (go to c)
c. flora or fauna from bioaccumulation or leads to a recommendation to limit consumption?	<input type="checkbox"/> Yes (go to d)	<input checked="" type="checkbox"/> No (go to d)	<input type="checkbox"/> Unsure (go to d)
d. fish, shellfish, crustacea, or wildlife from concentrations that cause adverse/chronic effects?	<input type="checkbox"/> Yes (go to e)	<input checked="" type="checkbox"/> No (go to e)	<input type="checkbox"/> Unsure (go to e)
e. the environment due to a fire, spill, explosion, or reaction that generates toxic gases, vapors, fumes, mists or dusts?	<input type="checkbox"/> Yes (go to f)	<input checked="" type="checkbox"/> No (go to f)	<input type="checkbox"/> 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)?	<input type="checkbox"/> Yes (go to 3)	<input checked="" type="checkbox"/> No (go to 3)	<input type="checkbox"/> Unsure (go to 3)
3. Does Site contamination result in significant environmental damage (375-2.7(a)(2))?	<input type="checkbox"/> Yes (go to 4)	<input checked="" type="checkbox"/> No (go to 4)	<input type="checkbox"/> 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: <input type="checkbox"/> Public Health <input type="checkbox"/> 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.	<input checked="" type="checkbox"/> Not a Significant Threat		

Summary of Main Factors Contributing to this Determination: Rod has been complied with at this site. Soil removal has been completed; DVE system installed / operated and subsequently shut down. All homes in the area are on public water and vapor intrusion investigations have been completed with no impacts found. Some residual contamination in bedrock exists which contribute to the current levels of groundwater contamination. Groundwater contamination plume has narrowed over time and is showing a slow drop in amount of contamination. At this time there are no down gradient receptors at this site.

<u>Valerie Woodward / Eng. Geologist2</u> Project Manager Name/Title (Print)	<u><i>Valerie Woodward</i></u> Project Manager Name (Signature)	<u>6/9/10</u> Date
<u>Robert Knizek/ Env. Eng 4</u> Bureau Director/RHWRE Name/Title (Print)	<u><i>Robert C. Knizek</i></u> Bureau Director/RHWRE Name (Signature)	<u>6-9-10</u> Date



Site Location



Upper Holley Road

108-2-17

109-1-37

109-1-42

108-2-18

SITE

109-1-38

109-1-41

108-2-19

109-1-40



Tax Map	Type	Property Owner	Address
109.0-1-41	Site Owner	Estate of Earl Haight	4879 Upper Holley road Holley, NY 14470
109.0-1-37 and 109-1-38	Adjacent	Wendall C Applegate	4893 Upper Holley road Holley, NY 14470
109.0-1-40	Adjacent	Jesse A Underwood	4885 Upper Holley road Holley, NY 14470
109.0-1-42	Adjacent	James R Gunn	4859 Upper Holley road Holley, NY 14470
108.0-2-17	Adjacent	Francis Yocono	4878 Upper Holley road Holley, NY 14470
108.0-2-17 and 108-2-19	Adjacent	Gerald Robinson	4828 Upper Holley road Holley, NY 14470



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* MW6 S & D

* MW3 S&D

* MW4 S&D

site

* MW 2S

* MW 5S

* MW7S

* MW 8S

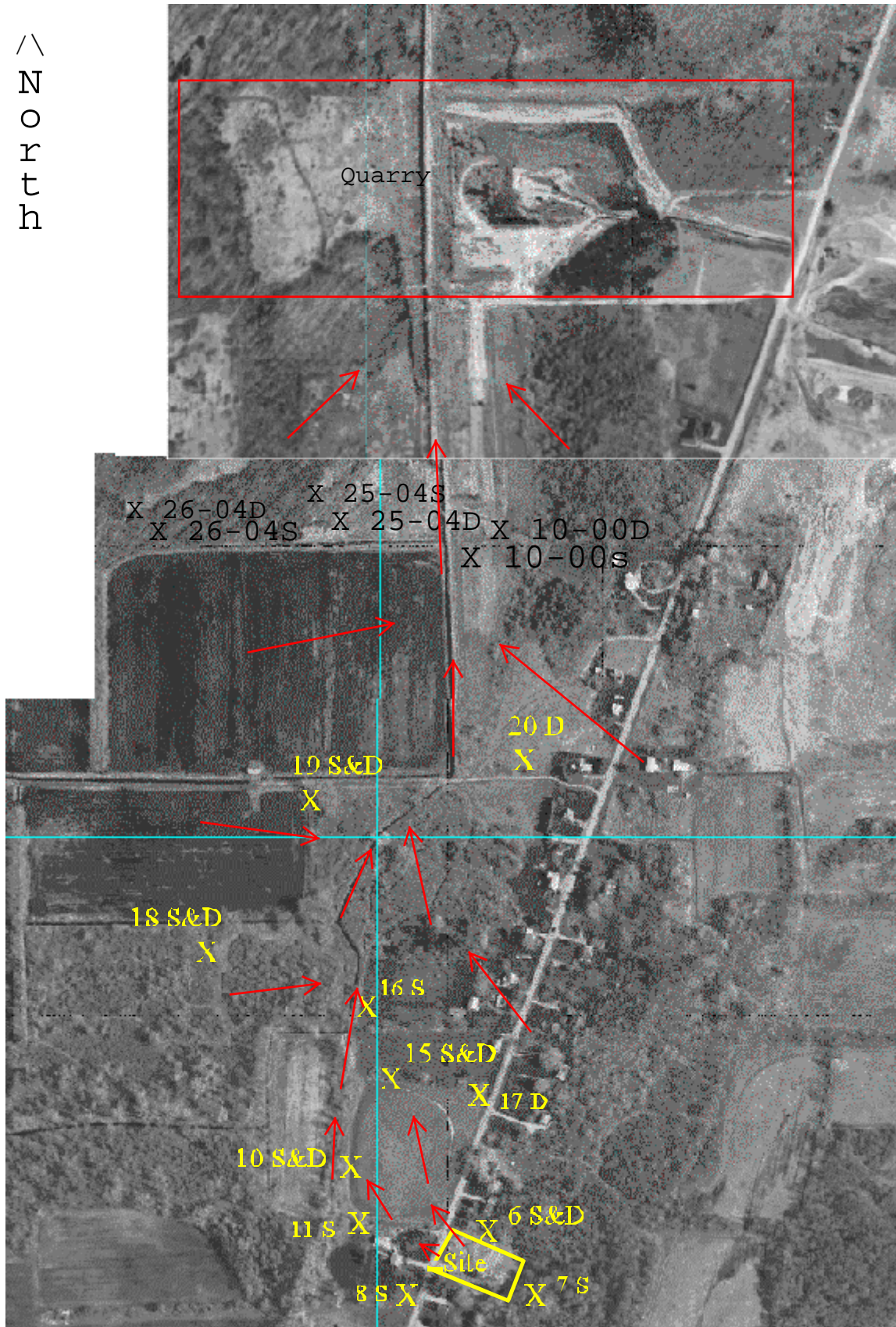
↑
groundwater flow
direction

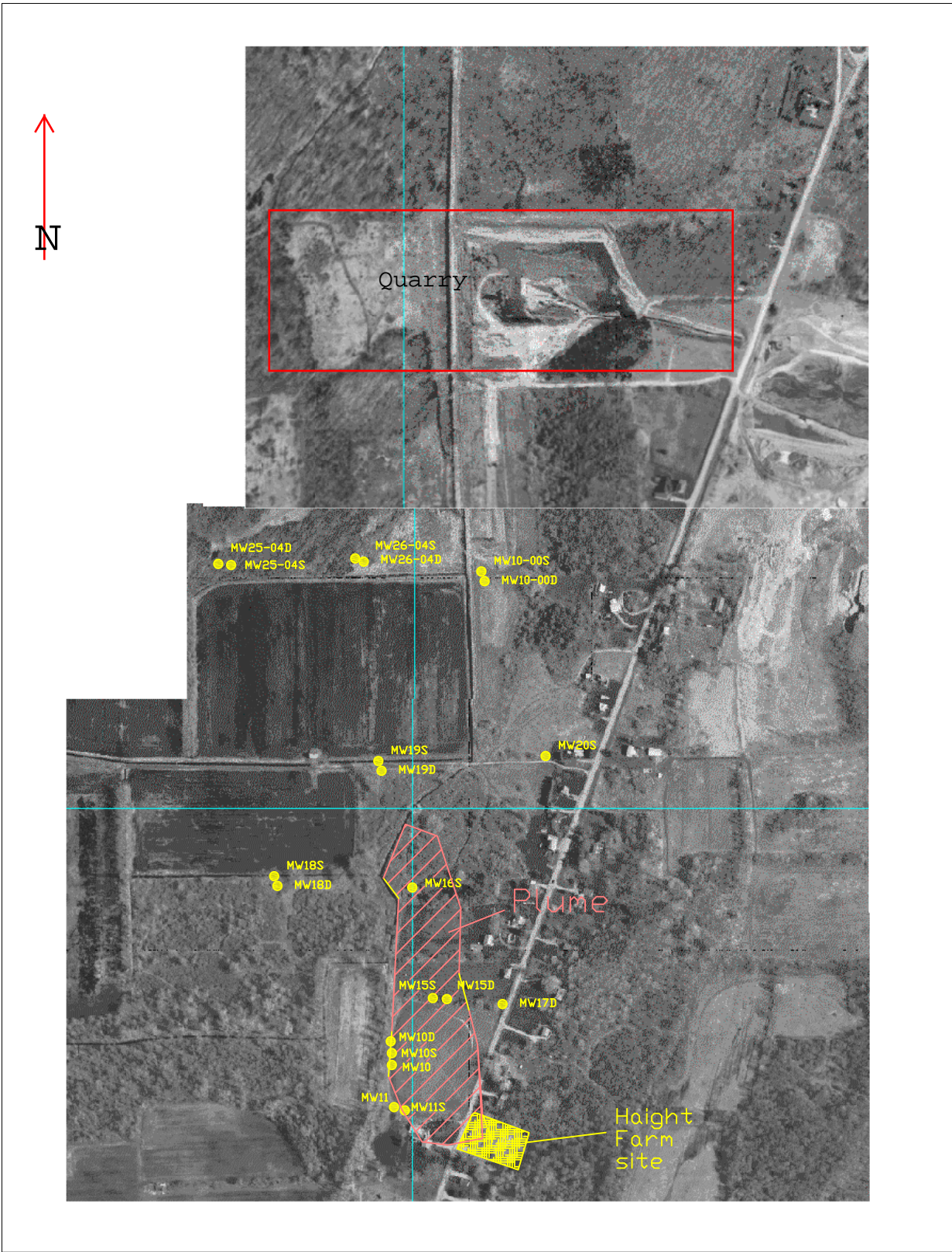
monitor wells on and near site

↑ groundwater flow

Air Photo View

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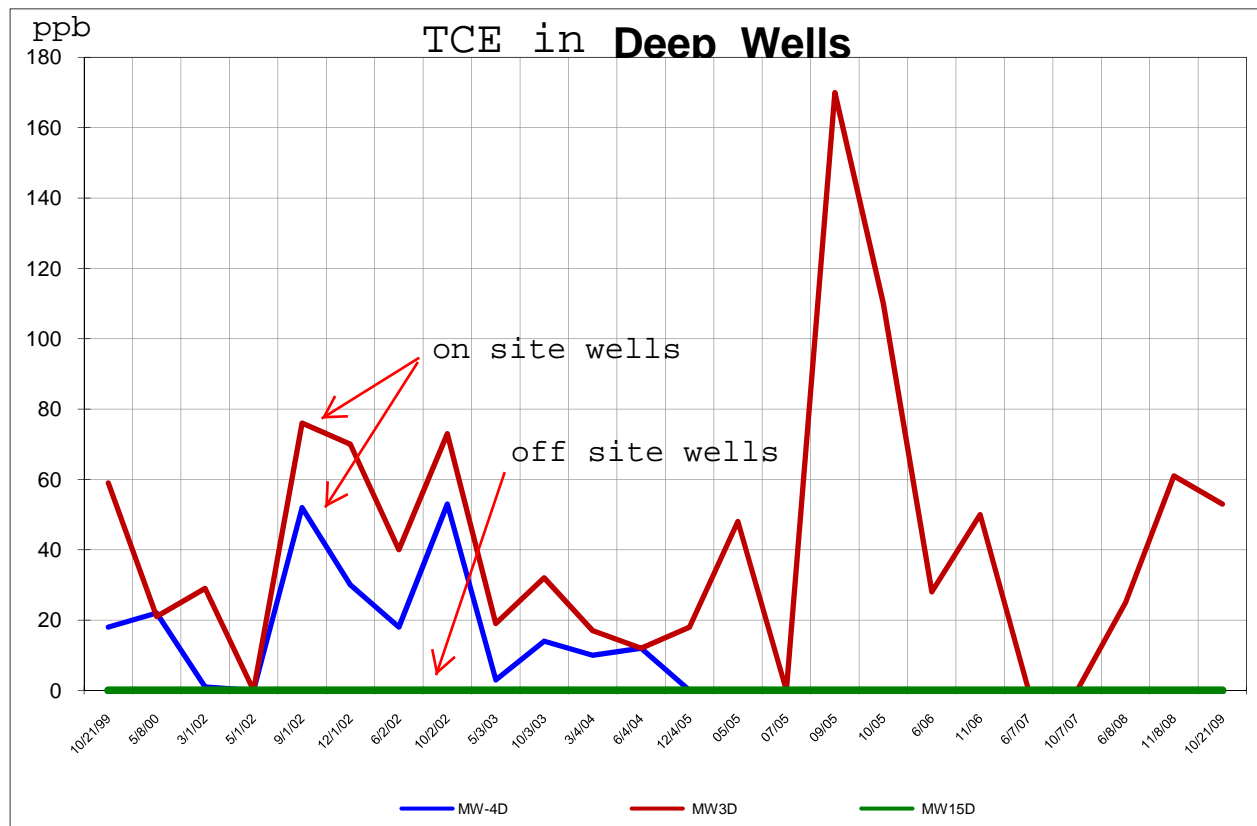
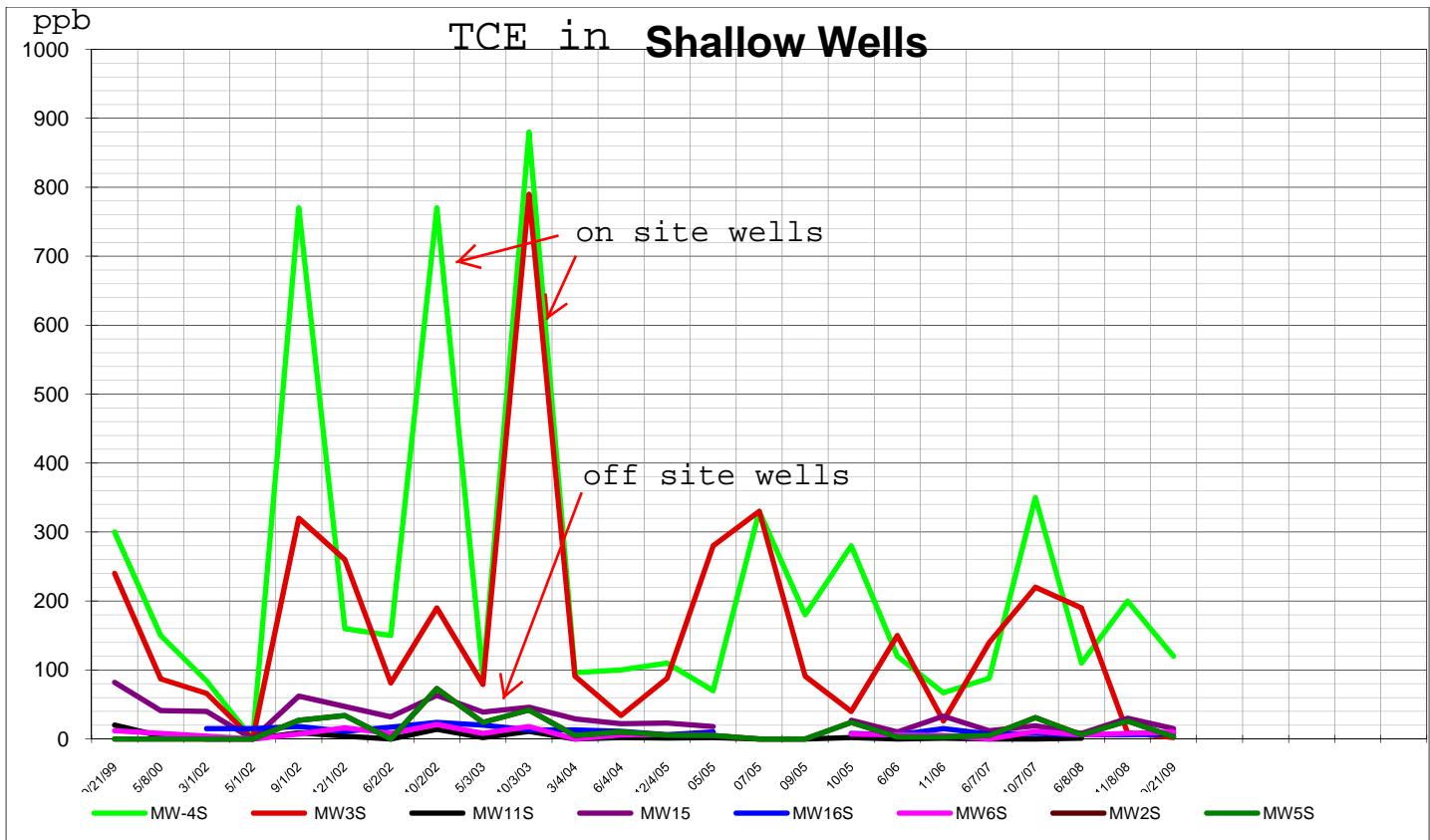
Extent of Groundwater Plume

Haight Farms	11/29/1990	5/30/1991	7/10/1991	10/21/1999	3/8/1900	4/7/1900	5/8/2000	3/1/2002	5/1/2002	9/1/2002	12/1/2002	6/2/2002	10/2/2002	5/3/2003	10/3/2003
DATE															
Shallow															
MW2S		3.17	1.27							27	34		73	24	42
MW3S	1800 D	171	1950	240			87	66		320	260	81	190	79	790
MW4S		3500	1210	2640	300		150	84		770	160	150	770	90	880
MW5S		59	38.9	50	24		7	5		12	13	6	22	5	32
MW6S			198	12	68.9	98	8	4		7	16	8	21	8	18
MW-7S				0			0.5	0		0	0	0	0	0	
MW-8S										4					0
MW10				10			6	2				0			
MW-10S				17			4	0		6	12	0	10	3	9
MW-11				13			12	5			1	7			1
MW11S				20			4	0		9	4	0	14	2	11
MW15S				63			41	40		62	47	32	63	39	46
MW-16S								15	15	18	11	17	24	20	13
MW18S															
MW19S															
10-00S															
25-04S															
26-04S															
Deep															
MW-3D				59			21	29		76	70	40	73	19	32
MW-4D				18			22	1		52	30	18	53	3	14
MW-6D				0.8			0	0		0	0	0	0	0	0
MW-10D				0			0	0		0	0	0	0	0	0
MW-11D															
MW-15D				0			0	0		0	0	0	0	0	0
MW17D															
MW18D															
MW19D															
10-00D															
25-04D															
26-04D															

Haight Farms	3/4/2004	6/4/2004	12/4/2005	05/05	07/05	09/05	10/05	6/06	11/06	6/7/2007	10/7/2007	6/8/2008	11/8/2008	10/21/2009
DATE														
Shallow														
MW2S	5	10	5.5	5			24	3	3	5	31	6	26	3.2
MW3S	91	34	88	280	330	91	40	150	26	140	220	190	9	2
MW4S	96	100	110	70	330	180	280	120	67	88	350	110	200	120
MW5S	10	4	10	6			17	5	6	0	0	3	14	11
MW6S		6	6	6			7	6	5	0	11	6	8	9.8
MW-7S		0	0	0			0	0	0	0	0	0	0	0
MW-8S		2	2.8	0			2	0	0	0	1	1	2	0
MW10		0	0											
MW-10S	0	2	0	0			3	0	0	1	1	1	5	3.5
MW-11		0	0											
MW11S	0	2	1.3	2			2	0	1	0	0	1		1
MW15S	29	22	23	18			27	10	33	12	19	8	30	15
MW-16S	13	11	6.2	10			8	6	15	7	8	6	6	7.3
MW18S			0	0			0	0						
MW19S			0	0			0	0	0	0	0	0	0	0
10-00S	0	0	1.6	2			2	2	1	1	1	1	3	3.5
25-04S	0	0	0	0			0	0	0	0	0	0	0	0
26-04S	0	0	0	0			0	0	0	0	0	0	0	0
Deep														
MW-3D	17	12	18	48	0	170	110	28	50	0	0	25	61	53
MW-4D	10	12	0	0	0	0	0	0	0	0	0	0	0	0
MW-6D		0	0	0			0	0	0	0	0	0	0	0
MW-10D	0	0	0	0			3	2	0	0	0	0	0	0
MW-11D														
MW-15D	0	0	0	0			0	0	0	0	0	0	0	0
MW17D			0	0			0	0	0	0	0	0	0	0
MW18D			0	0			0	0	0					
MW19D			0	0			0	0	0	0	0	0	0	0
10-00D	0	0	1.4	2			2	1	1	0		1	2	3.6
25-04D	0	0	0	0			0	0	0	0	0	0	0	0
26-04D	0	0	0	0			0	0	0	0	0	0	0	0

- 0-5
- 6 to 20
- 20-50
- 50-100
- over 100
- no well

not sampled





Site from MW-3s & MW-3d.



Site from back fence.

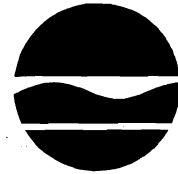


Looking across street from wells MW-4s & MW-4d.



Looking at MW-3s & MW-3d from wells MW-4s & MW-4d.

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Alexander B. Grannis
Commissioner

MEMORANDUM

TO: Sal Ervolina, Assistant Director, Division of Environmental Remediation

FROM: Robert C. Knizek, Director, Remedial Bureau E, NYSDEC

Alexander B. Grannis
3/26/09

SUBJECT: Soil Vapor Intrusion Evaluation Determination
Investigation Complete - No Action Recommended
Legacy Site: Haight Farm, Site No. 837006

DATE: May 5, 2009

NYSDEC Program Policy DER-13 states that soil vapor intrusion evaluations will be completed at all remedial sites with known or likely subsurface volatile organic chemical (VOC) contamination where remedial decisions were made prior to January 1, 2003. This memorandum documents that a soil vapor intrusion (SVI) investigation has been completed at the subject legacy site in accordance with Program Policy DER-13 and the state's "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (NYSDOH, 2006). A summary of the SVI investigation findings was previously provided (August 9, 2007).

SVI Investigation Complete Determination

Based on the results of the investigation, the Department, in consultation with the NYSDOH, has concluded that all potential soil vapor intrusion pathways on- and off-site have been evaluated and:

No additional on-site or off-site environmental sampling is needed and no actions are needed on-site or off-site to address exposures related to soil vapor intrusion.

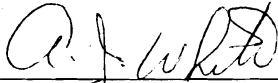
This determination is based on the agencies' review of the results of environmental sampling completed to date at the site, including the more recent sampling of groundwater, sub-slab vapor and indoor and outdoor air.

Summary of SVI Investigation Findings

Semi annual O&M groundwater samples have shown a decrease in TCE concentrations and a narrowing of the TCE plume over the years since 1999 in both overburden and bedrock aquifers and terminates at farm drainage ditches to the west of site. All wells that were installed northwest of 6 S& D, 15 S&D and south of 2S and 5S were non-detect for TCE and were subsequently decommissioned. The soil vapor intrusion investigation was conducted in April 2006 on behalf of the Department by Empire Geo-Services, Inc and included sub-slab, basement air, first floor air and outdoor ambient air sampling. It was agreed between DOH and DEC that four homes would be approached for VI sampling. Two out of four adjacent homes volunteered to sampling and they were #4878 and #4859. Of those not volunteering, #4651 was owned and targeted for demolition by the town and #4885 volunteered but then remained unresponsive in obtaining site access making it impossible for sampling to take place. Based on groundwater flow direction, narrowness of plume, lack of detections for TCE in the most likely impacted homes and in consultation with NYSDOH, no further sampling was warranted and no further action is required.

Concurrence/Signatures

DER SECTION CHIEF



A. J. White
Section C, Remedial Bureau E
New York State Department of Environmental Conservation

Date 5/5/09

DEPARTMENT OF HEALTH



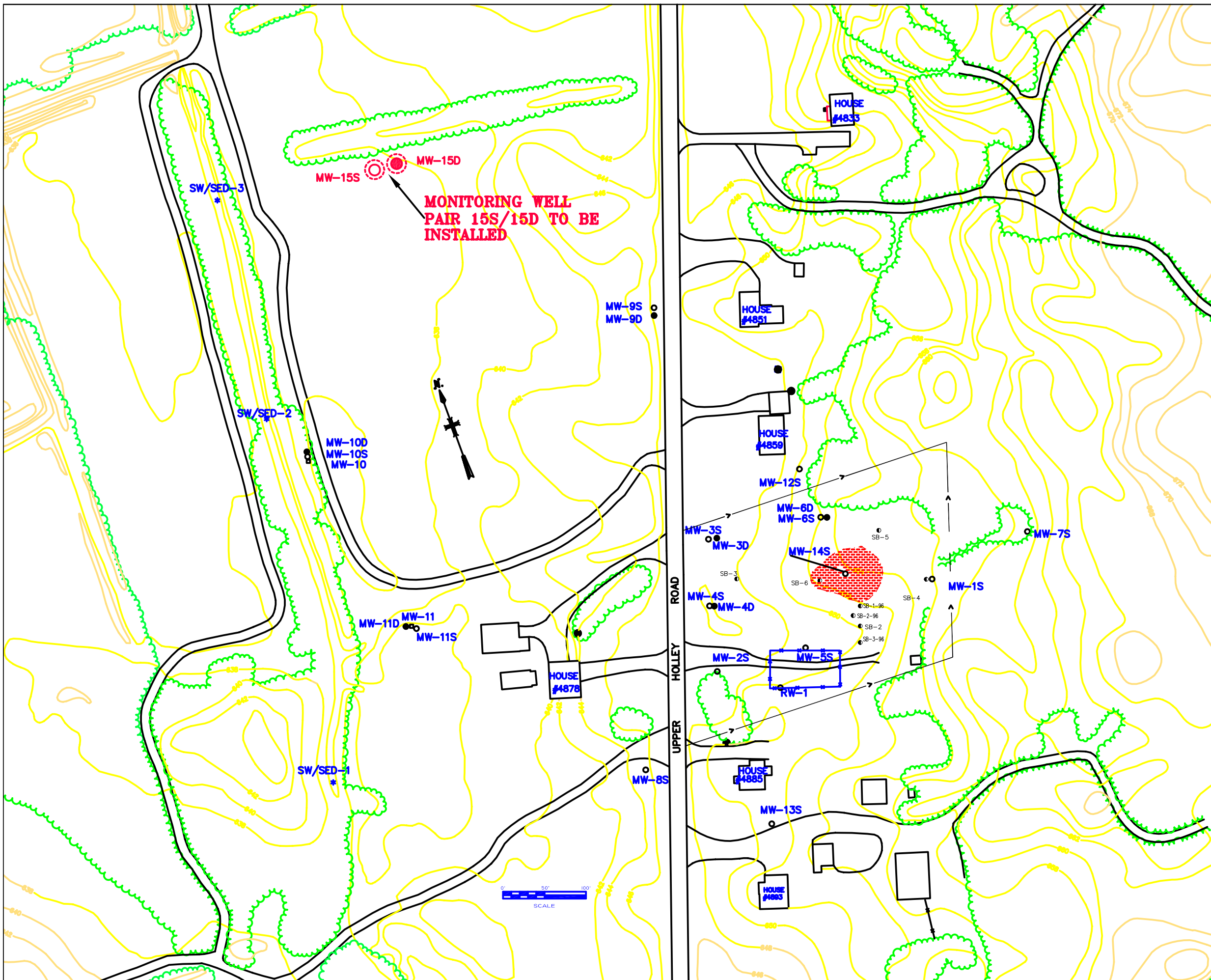
Geoff Lacetti
Central Section, Bureau of Environmental Exposure Investigation
New York State Department of Health

Date 5/13/09

ecc: D. Desnoyers
(w/att) R. Knizek
AJ White
V. Woodward
E. Hausamann
K. Comerford - NYSDOH
(w/att) K. Anders - NYSDOH

Attachments:

- Site Investigation Summary Report (NYSDEC, December 2006)
- Vapor Intrusion Result Letters to Home Owners (NYSDOH, July 2007)



**MONITORING WELL
PAIR 15S/15D TO BE
INSTALLED**



LEGEND	
○	MONITORING WELL TO BE DECOMMISSIONED
● SB-1	SOIL BORING
□ MW-11	OVERBURDEN MONITORING WELL
○ MW-11S	SHALLOW BEDROCK MONITORING WELL
● MW-11D	DEEP BEDROCK MONITORING WELL
● SVE-1	SOIL VAPOR EXTRACTION WELL
⊗	RESIDENTIAL WELL
⊗ MW-15S	NEW MONITORING WELL
*SW/SED-1	SURFACE WATER/SEDIMENT SAMPLES
—→	HAIGHT PROPERTY BOUNDARY
- - - - -	AGRICULTURAL DRAINAGE DITCH
- - - - -	SPILL AREA

HAIGHT FARM SITE
Clarendon, Orleans County, New York
Site No. 8-37-006

**New York State Department of
Environmental Conservation**

FILE: SITE.DWG DRAWING: Base Map by Malcolm Pirnie
Modified by NYSDEC

SITE MAP

DATE: 01/12/00 SHEET 1

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Revised 06/7/10

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James W. Clyne, Jr.
Executive Deputy Commissioner

July 28, 2010

Mr. Robert Knizek
Division of Environmental Remediation
NYS Dept. of Environmental Conservation
625 Broadway – 12th Floor
Albany, NY 12233-7011

Re: **Site Classification Report**
Haight Farms Site #837006
Clarendon (T), Orleans County


Dear Mr. Knizek:

Staff reviewed the Classification Package for the Haight Farms Site located in Clarendon, Orleans County. In accordance with the Record of Decision, contaminated soils were excavated and disposed of off-site at an approved facility. In addition, the Dual Phase Vapor Extraction (DVE) system has been effective in treating contaminated groundwater, in conjunction with a groundwater monitoring program. It was determined that the goals of the DVE have been met and the system has been decommissioned. Soil vapor intrusion investigations have been conducted at adjacent residences and the results indicate that no further action is necessary. Since the site is in the Site Management phase, annual sampling will continue to demonstrate that monitored natural attenuation is taking place.

Based on this information, the required remedial actions are in place and are protective of public health. Therefore, I concur with the recommendation to reclassify the Haight Farms site from a Class 2 to a Class 4 site on the Registry of Inactive Hazardous Waste Disposal sites.

If you have any questions, please contact Mr. Geoffrey Laccetti at 518-402-7860.

Sincerely,



Steven M. Bates
Assistant Bureau Director
Bureau of Environmental Exposure Investigation

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

G. Litwin / G. Laccetti – NYSDOH Central
R. Van Houten - WRO
J. White - NYSDEC
B. Putzig - NYSDEC Reg. 8

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