



Status Report
Little Valley Superfund Site
Cattaraugus Cutlery Area
300 Sixth Street
Little Valley, New York

Date: June 3, 2010

Reporting Period: **March 26-May 28, 2010**

For:

Louis DiGuardia, OSC

U.S. EPA Region II

Emergency & Remedial Response Division
Removal Action Branch

2890 Woodbridge Avenue (MS-211)

Edison, New Jersey 08837-3679

John DiMartino, RPM

U.S. EPA Region II

Emergency & Remedial Response Division
New York Remedial Branch

290 Broadway

New York, NY 10007-1866

A. **Summary of Actions Conducted During Reporting Period**

- Week of May 25, 2010
 1. System was on upon arrival.
 2. Performed soil vapor extraction/sub-slab system air monitoring.
Note: Wells SVE 7-10, 24, 30, 32 and 34 and all sub-slabs except SDS-01 are closed. SS-1 cannot be monitored because the roof above it has collapsed.
 3. Ensured that the wells located in the areas that had the highest TCE concentrations (based on the latest soil sampling data) were open. Opened SVE-10 (after monitoring) and SVE-25. In order to increase the flow of these wells, closed wells SVE-6, 12 and 13.
 4. Contacted Kelly Anderson concerning the sub-slab located in the Salamanca residence. She responded on May 21 and referred to her father, Tim Anderson. Mr. Anderson called on Monday the 24th and said that the only work that he wanted completed was moving the sub-slab piping because it would be in the way of a roof for a new deck. He called again on Tuesday the 25th and said that his daughter (Kelly Anderson) informed him that a roof would no longer be built with the new deck and therefore moving the sub-slab piping would not be necessary. When asked if he was happy with the current set-up of the sub-slab system, he replied that he was and that no one should stop by. He was given contact



information and told to call should he change his mind in the future.

5. Repeatedly contacted Jackie Chapman, the Little Valley resident with a sub-slab, for a period of over two weeks. She was unresponsive.
6. Paid multiple visits to the Little Valley Volunteer Fire Department to discuss the site and give contact information in response to the recent arson attacks on vacant buildings in the area. Left a detailed message with Chad Gallman (Fire Police Lieutenant) for Fire Chief Ron Bridenbaker, who was away during all visits. (See Appendix 3).
7. Left a detailed message with Paula Bullers at the Cattaraugus County Sheriff's Office for Captain Buchhardt discussing information about the site and giving contact information in response to the recent arson attacks on vacant buildings in the area (See Appendix 3).
8. Cleaned approximately 3 pounds of rust from the bottom of the knockout tank.
9. Performed site cleanup including weeding
10. Changed the system oil and grease.
11. Performed a walk-through of the site building to ensure that there were no locations where entry could be gained by anyone not authorized to be inside. Found no such locations.
12. On May 26th at approximately 4:00 PM, Jody Spalding, the daughter of Ms. Ellison, the owner of the building, was onsite. She said she had periodically been checking up on the site because of the recent arson attacks on vacant buildings in the area. She was given WRS contact information.

B. **Monitoring, Sampling, Test Results and Figures**

See Appendix 1 for SVE/Sub-Slab Monitoring Log for May 26, 2010; Appendix 2 for SVE/Sub-Slab Well Locations Map and SVE/Sub-Slab System Piping Map and Appendix 3 for Little Valley Fire/Sheriff Department Information

C. **Communications Transmitted to EPA**

None

D. **Summary of Actions Scheduled for Next Reporting Period**

- SVE system O&M, site maintenance



- Continue SVE system monitoring
- Installation of new knockout tank pump
- Update of SVE/sub-slab recovery rates

E. **Other Information Relating to Progress of Completion**

F. **Project Progress**

Continued monitoring of SVE and sub-slab system and data evaluation.

G. **Deviations to the Project Schedule**

None



Appendix 1:

Soil Vapor Extraction/Sub-Slab System Air Monitoring Log



**Little Valley Superfund Site (Cattaraugus Cutlery Area)
Soil Vapor Extraction/Sub Slab Air Monitoring Log**

May 26, 2010

WRS Project #: 33-64-090018

Well	Well Depth (Ft bgs*)	MultiRAE Plus PID					Pipe Diameter	Veloci-Calc 9555-B				McMaster Gauge
		VOC (ppm)	Oxygen	H ₂ S	LEL	CO		Flow	Humidity	Temp.	Dew Pt.	Vacuum
1	7	0.0	20.9	0	0	0	2"	9.35	82.9	69.6	64.2	9.0
2	7	0.0	20.9	0	0	0	2"	15.50	75.0	70.8	62.4	9.0
3	7	0.0	20.9	0	0	0	2"	11.00	76.0	73.2	65.1	9.5
4	7	0.0	20.9	0	0	0	2"	12.00	80.0	69.4	63.0	10.0
5	12	0.0	20.9	0	0	0	2"	3.75	92.0	62.8	60.4	10.0
6*	12	0.0	20.9	0	0	0	2"	2.50	88.4	64.2	60.6	10.0
7*	7											
8*	7						2"					
9*	7						2"					
10*	7						2"					
11	12	0.0	20.9	0	0	0	2"	12.10	70.0	75.6	65.3	9.0
12*	7	0.0	20.9	0	0	0	2"	12.25	82.4	63.4	58.0	8.0
13*	7	0.0	20.9	0	0	0	2"	2.00	87.3	64.5	60.6	8.0
16	12	0.0	20.9	0	0	0	2"	8.65	82.1	68.1	62.3	9.0
18	12	0.0	20.9	0	0	0	2"	16.50	88.0	66.7	63.0	8.0
19	7	0.0	20.9	0	0	0	2"	20.00	89.0	71.0	64.7	6.5
20	12	0.0	20.9	0	0	0	2"	13.50	90.7	65.0	62.1	8.0
24*	7						2"					
25	12	0.0	20.9	0	0	0	2"	20.00	81.0	67.9	61.9	8.0
26	7	0.0	20.9	0	0	0	2"	12.75	79.9	66.6	60.3	8.0
27	7	0.0	20.9	0	0	0	2"	7.50	83.6	68.3	63.2	8.0
28	7	0.0	20.9	0	0	0	2"	15.00	91.6	63.2	60.6	10.0
29	7	0.0	20.9	0	0	0	2"	3.50	79.1	65.7	59.1	8.0
30*	7	-					2"					

*Wells 7-10, 24 and 30 were closed at the time of monitoring. Wells 10 and 25 were opened on 5-26-10; wells 6, 12 and 13 were closed on 5-26-10, after monitoring.

Please note flow is measured in SCFM or ACFM.

Readings Performed by: Robert Derrick

FID: Flame Ionization Detector

VOC: Volatile Organic Compounds (in ppm)

CO: Carbon Monoxide

LEL: Lower Explosive Limit

ppm: parts per million

Temperature: measured in degrees Fahrenheit

Vacuum: measured in inches of water

Humidity: percent relative Humidity

Flow: Actual Cubic Feet per Minute at existing Temperature and Pressure at time of measurement.



**Little Valley Superfund Site (Cattaraugus Cutlery Area)
Soil Vapor Extraction/Sub Slab Air Monitoring Log (Continued)**

May 26, 2010

WRS Project #: 33-64-090018

		MultiRAE Plus PID						Veloci-Calc 9555-B				McMaster Gauge
Well	Well Depth (Ft bgs*)	VOC (ppm)	Oxygen	H ₂ S	LEL	CO	Pipe Diameter	Flow	Humidity	Temp.	Dew Pt.	Vacuum
32*	7						2"					
33	7	0.0	20.9	0	0	0	2"	25.00	46.5	84.0	61.6	9.50
34*	12					0	2"					
35	12	0.0	20.9	0	0	0	2"	3.80	80.0	64.5	58.4	9.00
36	12	0.0	20.9	0	0	0	2"	16.00	87.3	62.0	58.2	8.50
37	12	0.0	20.9	0	0	0	2"	16.50	90.0	63.1	60.3	9.00
38	12	0.0	20.9	0	0	0	2"	15.00	85.0	63.6	59.1	9.00
39	12	0.0	20.9	0	0	0	2"	22.50	90.7	69.0	61.3	8.50
40	12	0.0	20.9	0	0	0	2"	4.15	81.2	71.8	65.9	9.00
41	9.5	0.0	20.9	0	0	0	2"	0.80	85.9	65.9	61.6	8.00
42	12	0.0	20.9	0	0	0	2"	1.00	73.8	64.7	56.1	8.00
43	12	0.0	20.9	0	0	0	2"	6.00	72.0	66.4	57.2	8.00
44	7	0.0	20.9	0	0	0	2"	5.00	84.2	66.3	61.5	10.00
SDS-01	N/A	0.0	20.9	0	0	0	2"	57.00	96.0	59.8	58.7	6.00
SDS-02*	N/A											
SDS-05*	N/A											
SDS-07*	N/A											
SDS-09*	N/A											
SDS-10*	N/A											
SDS-11*	N/A											
SDS12*	N/A											
SS-1*	N/A											
Effluent	N/A	0.0	20.9	0	0	0	6"	475.00	31.9	94.0	59.8	N/A
Combined	N/A	0.0	20.9	0	0	0	6"	560.00	20.1	104.0	55.2	12.0
Background	N/A	0.0	20.9	0	0	0	N/A	N/A	82.1	69.4	63.6	N/A

*SVE-32, SVE-34 and all of the sub-slabs but SDS-01 are currently closed. For safety reasons, SS-1 can no longer be monitored

Please note flow is measured in SCFM or ACFM. Readings Performed by: Robert Derrick

SVE Readings from control panel (digital readings):

Blower hrs: 13120

Air Flow: 246 CFM Inlet Vacuum: 6" H₂O (gauge)

Discharge Pressure: -12" H₂O

FID: Flame Ionization Detector

VOC: Volatile Organic Compounds (in ppm)

CO: Carbon Monoxide

LEL: Lower Explosive Limit

ppm: parts per million

Temperature: measured in degrees Fahrenheit

Pressure: measured in inches of water (taken with a McMaster vacuum diaphragm gauge)

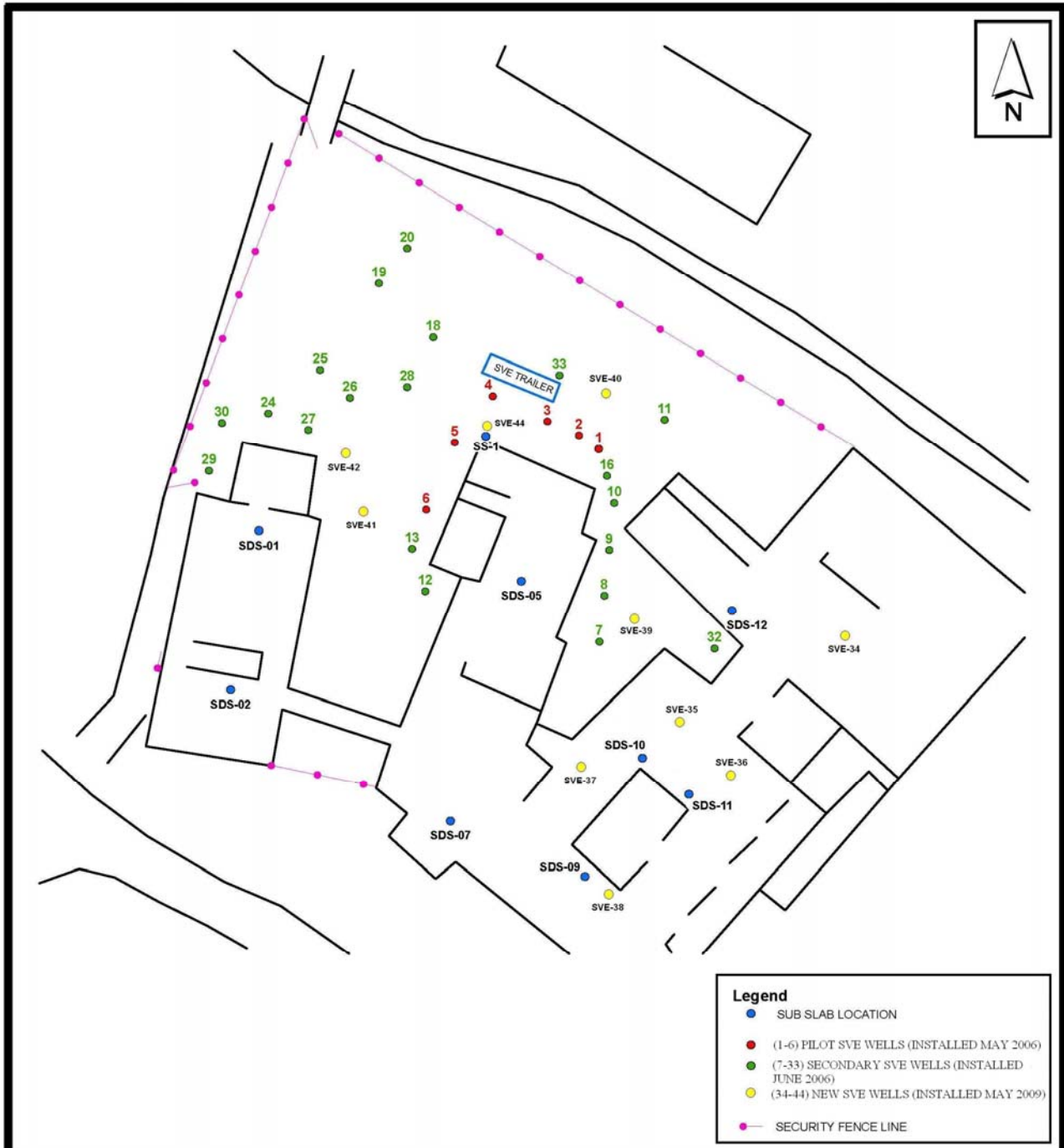
Humidity: percent relative Humidity

Flow: Actual Cubic Feet per Minute at existing Temperature and Pressure at time of measurement.



Appendix 2:

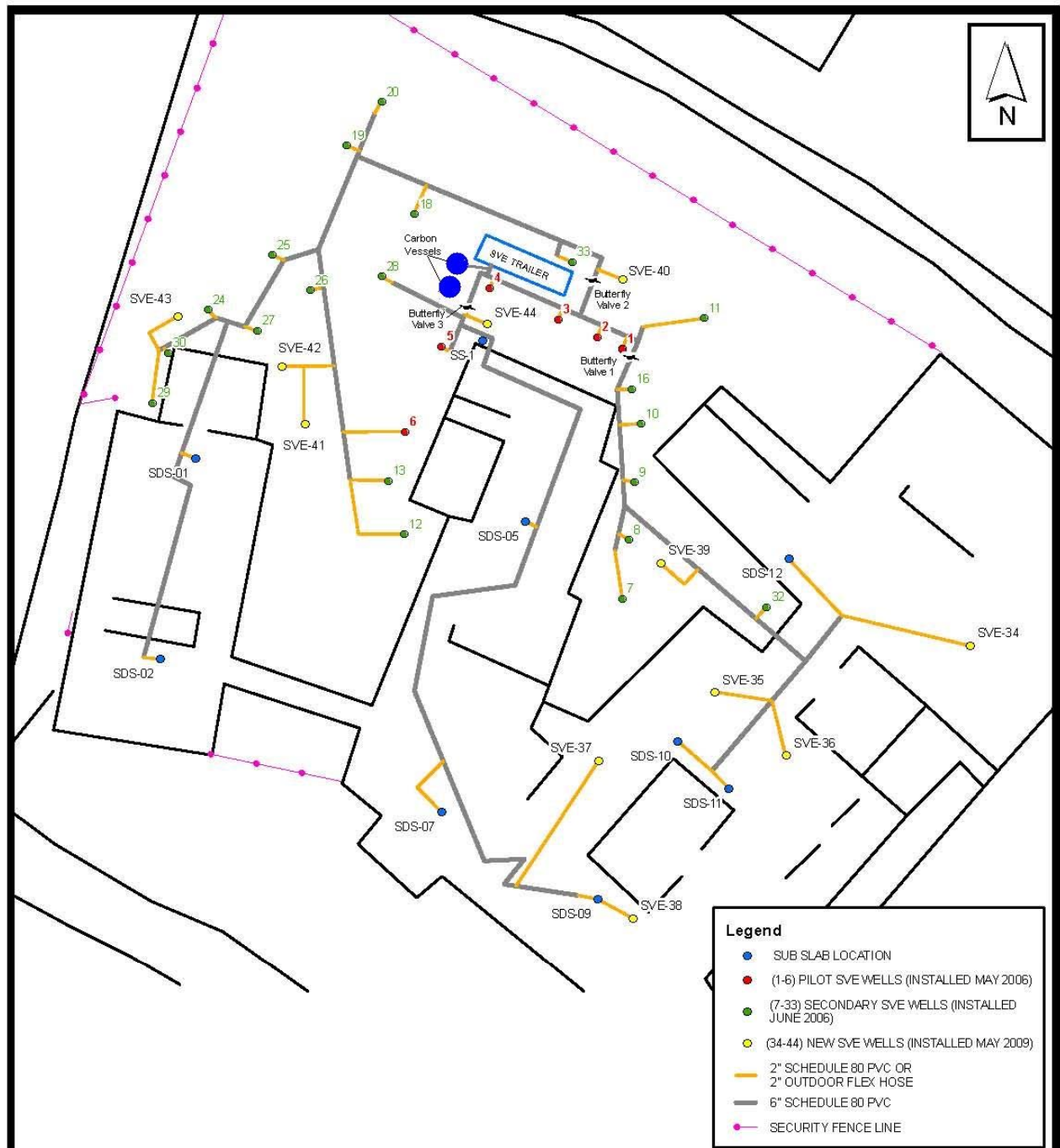
SVE/Sub-Slab Well Locations Map and
SVE/Sub-Slab System Piping Map



DRAWING STATUS	DRAFT	FINAL	Approximate Scale	0	25	50	100 Feet
PROJECT NO.:	33-64-060026	PROJECT MANAGER:	JOHN LEE				
PROJECT ID:	3364060026A_004	SCALE:	AS SHOWN	PLOT DATE:	02/26/2009	CHK BY:	JL
REVISION NO.:		REVISION DATE:		DRN DATE:	02/26/2009	APPVD BY:	JL
		DRAWN BY:	JPR			APPVD DATE:	02/26/2009



SOIL VAPOR EXTRACTION WELLS
AND SUB SLABS LOCATIONS
LITTLE VALLEY SITE
USEPA REGION 2
LITTLE VALLEY, CATTARAUGUS COUNTY, NEW YORK



DRAWING STATUS	DRAFT		FINAL	<input checked="" type="checkbox"/>	Approximate Scale								
PROJECT NO.: 33-64-060026					PROJECT MANAGER: JOHN LEE								
PROJECT ID: 3364060026A_004			SCALE: AS SHOWN		PLOT DATE: 05/28/2009		CHK BY: JL		CHK DATE: 02/27/2009				
REVISION NO.: 01		REVISION DATE:		DRAWN BY: JPR		DRN DATE: 02/27/2009		APPVD BY: JL		APPVD DATE: 02/27/2009			



SOIL VAPOR EXTRACTION
AND SUB SLAB SYSTEM MAP
LITTLE VALLEY SITE
USEPA REGION 2
LITTLE VALLEY, CATTARAUGUS COUNTY, NEW YORK



Appendix 3:

Little Valley Local Fire/Sheriff's Department Information



Little Valley Local Fire/Sheriff's Department Information

1. Little Valley Volunteer Fire Department

Address: 101 Third Street
Little Valley, NY 14755

Fire Chief Ron Bridenbaker

Contact: Chad Gallman (Fire Police Lieutenant)

Phone #: 718-938-6646 (Department Phone)

Email: bridenbaker.ron@lvvfd.com

Website: www.lvvfd.com

2. Cattaraugus County Sheriff's Department

Address: 301 Court Street
Little Valley, NY 14755

Sheriff Timothy Whitcomb

Contact: Captain Robert Buchhardt, Patrol Division

Phone #: 716-938-9191 (Administrative)
716-938-2216 (Sheriff Whitcomb)
716-938-2264 (Captain Buchhardt)

Email: N/A

Website: www.sheriff.cattco.org/

Both departments were given contact information and information about the site. Both were told that it was acceptable to gain entry to the site in case of emergency.