



Proposed Well/Sample Locations	Figure	Date	Scale	Project No.
85 Myron Street Ortonville, Michigan	1	2016	As Shown	14-5171F-102

Soil Sample Analytical Results (December 2016, January 2017)

Soil Samples	Detected VOCs in Soil		
	Cis 1,2 DCE	Trans 1,2 DCE	TCE
SB-24 (3')	ND	ND	ND
SB-24 (30')	ND	ND	ND
SB-24 (32')	ND	ND	ND
SB-24 (32')	ND	ND	ND
SB-24 (40')	ND	ND	ND
SB-25 (3')	ND	ND	ND
SB-25 (35')	ND	ND	ND
SB-26 (4')	ND	ND	ND
SB-26 (34')	ND	ND	ND
SB-27 (3')	ND	ND	ND
SB-27 (34')	ND	ND	ND
SB-28 (6')	ND	ND	ND
SB-28 (24')	ND	ND	ND
SB-28 (36')	ND	ND	ND
SB-29 (4')	ND	ND	ND
SB-29 (8')	148	151	ND
SB-30* (16')	1,330	602	520 DW
SB-30* (34')	ND	ND	ND
SB-31 (6')	ND	ND	ND
SB-31 (34')	ND	ND	ND
SB-32 (6')	ND	ND	ND
SB-32 (34')	ND	ND	ND
SB-33 (4')	ND	ND	ND
SB-33 (35')	ND	ND	ND

Analytes	Cleanup Criteria					
	DW	GSI	VIA	VOA	PI	DC
Cis 1,2 DCE	1,400	12,000	22,000	1.8 E+5	2.3 E+9	2.5 E+6
Trans 1,2 DCE	2,000	30,000	23,000	2.8 E+5	8.3 E+5	3.8 E+6
TCE	100	4,000	1,000	11,000	1.3 E+8	5.0 E+5

- All values reported in ug/kg (parts per billion)
- Cis 1,2 DCE = cis-1,2-Dichloroethylene
- Trans 1,2 DCE = trans-1,2-Dichloroethylene
- TCE = Trichloroethylene
- DW = Drinking water protection
- GSI = Groundwater to surface water interface protection
- VIA = Volatilization to indoor air
- VOA = Volatilization to outdoor air
- PI = Particulate inhalation
- DC = Direct contact
- ND = Not Detected
- *The samples were erroneously labeled "SB-20" when submitted for laboratory analysis
- Values in RED exceed the noted criteria.
- Cleanup criteria are as published by the Michigan Department of Environmental Quality (MDEQ) on December 30, 2013.

Groundwater Sample Analytical Results (December 2016, January 2017)

Groundwater Samples	Detected VOCs in Groundwater		
	Cis 1,2 DCE	Trans 1,2 DCE	TCE
MW-11 (shallow)	ND	ND	ND
MW-12 (mid)	ND	ND	ND
MW-13 (deep)	ND	ND	ND
SB-25/TMW-3 (22')	ND	ND	ND
MW-14 (deep)	ND	ND	ND
MW-15	ND	ND	ND
SB-27/TMW-4 (8')	ND	ND	ND
SB-27/TMW-5 (22')	ND	ND	ND
MW-16 (deep)	ND	ND	ND
SB-28/TMW-6 (22')	13	5	ND
MW-17 (deep)	ND	ND	ND
SB-29/TMW-7 (8')	61	58	ND
MW-18 (shallow)	42	34	21 DW
MW-19 (mid)	137 DW	71	1
MW-20 (deep)	6	3	ND
SB-34/TMW-10 (5')	ND	ND	ND
SB-35/TMW-11 (5')	ND	ND	ND
SB-36/TMW-12 (5')	ND	ND	ND
MW-31	ND	ND	ND
MW-32	5	ND	ND
MW-33	ND	ND	ND

Analytes	Cleanup Criteria		
	DW	GSI	VIA
Cis 1,2 DCE	70	620	93,000
Trans 1,2 DCE	100	1,500	85,000
TCE	5	200	2,200

- All values reported in ug/l (parts per billion)
- Cis 1,2 DCE = cis-1,2-Dichloroethylene
- Trans 1,2 DCE = trans-1,2-Dichloroethylene
- TCE = Trichloroethylene
- DW = Drinking water
- GSI = Groundwater to surface water interface
- VIA = Volatilization to indoor air
- ND = Not Detected
- Values in **RED** exceed the noted criteria.
- Cleanup criteria are as published by the Michigan Department of Environmental Quality (MDEQ) on December 30, 2013.