

**TABLE 2
SULFOLANE GROUNDWATER ANALYTICAL SUMMARY &
CLEANUP CRITERIA COMPARISON - MONITOR WELLS**

Hartland 36 Gas Plant
SE/NE/NW Section 36, T03N-R06E,
Hartland Township, Livingston County, Michigan
ECT Project #13-0685-2000

Sample Location	Screened Interval (ft bgs)	Sulfolane by EPA Method 8270D (µg/L)											
		10/15/2015	11/4-5/2015	11/13/2015	1/27/2016	6/3/2016	8/3-4/2016 ⁹	9/21-22/2016	10/12/2016	11/3/2016	12/8/2016	12/21-23/16	2/14/2017
W-Pit	---	20,000	---	14,000	---	---	---	---	---	---	---	---	---
MW-1	20.1 - 25.1	---	ND	---	ND	ND	---	ND (ND)	---	---	---	---	---
MW-2	19.1 - 24.1	---	ND	---	ND	ND	---	ND	---	---	---	---	---
MW-3	22.0 - 27.0	---	ND	---	---	ND	---	ND	---	---	---	ND	---
MW-3D	30 - 32	---	---	---	---	---	---	---	---	---	---	---	ND
MW-4	23.1 - 28.1	---	ND	---	ND	ND	ND	ND	ND	ND	---	ND	---
MW-5	18.0 - 23.0	---	ND	---	ND	ND	---	ND	ND	---	---	ND	---
MW-6	25.4 - 30.4	---	ND	---	ND	ND	ND	ND	ND	ND	---	ND	---
MW-6D	39.4 - 44.4	---	---	---	---	---	ND (ND)	ND	ND	ND	---	ND	---
MW-7	22.5 - 27.5	---	880	---	44	450 (510)	ND	210	---	---	---	ND	---
MW-7D	41 - 46 ¹⁰	---	---	---	---	---	---	---	---	---	3,100	---	---
MW-8	24.6 - 29.6	---	---	---	---	---	ND	ND	---	---	---	ND	---
MW-9	23.6 - 28.6	---	---	---	---	---	ND	ND	---	---	---	ND	---
MW-10	21.2 - 26.2	---	---	---	---	---	ND	ND	---	---	---	ND (ND)	---
MW-11	18.8 - 23.8	---	---	---	---	---	ND	ND	---	---	---	ND	---
MW-12S	20.5 - 25.5	---	---	---	---	---	ND	ND	ND	ND	---	ND	---
MW-12D	39.7 - 44.7	---	---	---	---	---	ND	ND (ND)	ND	ND	---	ND	---
MW-13	19.1 - 24.1	---	---	---	---	---	6,600	8,800	---	---	---	3,500	---
MW-13D	27.7 - 29.7	---	---	---	---	---	---	---	---	7,200 (7,800)	---	8,300	---
MW-14S	18.6 - 23.6	---	---	---	---	---	---	---	---	46	---	460	---
MW-14D	36.7 - 41.7	---	---	---	---	---	---	---	---	7,900	---	10,000	---
MW-15	19.3 - 24.3	---	---	---	---	---	ND	ND	---	---	---	ND	---
MW-15D	38 - 43	---	---	---	---	---	---	---	---	---	---	---	4,600 (4,500)
MW-16	19.5 - 24.5	---	---	---	---	---	ND	ND	---	---	---	ND	---
MW-16D	32 - 34	---	---	---	---	---	---	---	---	---	---	---	ND
MW-17S	19.9 - 24.9	---	---	---	---	---	---	---	---	3,900	---	5,100 (3,200)	---
MW-17D	35.4 - 37.4	---	---	---	---	---	---	---	---	440	---	510	---
MW-18	19.9 - 24.9	---	---	---	---	---	---	---	---	6,800	---	6,800	---
MW-19S	22.6 - 27.6	---	---	---	---	---	---	---	---	2,700	---	1,500	---
MW-19D	43.0 - 48.0	---	---	---	---	---	---	---	---	7,000	---	7,600	---
MW-20S	18 - 23 ¹⁰	---	---	---	---	---	---	---	---	---	25	---	---
MW-20D	31 - 33 ¹⁰	---	---	---	---	---	---	---	---	---	8,700	---	---
MW-21D	52 - 57 ¹⁰	---	---	---	---	---	---	---	---	---	ND	---	---
MDEQ-OOGM Cleanup Criteria		90											
Collection Method		Grab	LF	Grab	LF	Bailer/PP	LF	LF	LF	LF	LF	LF	LF

Notes

- 1) ft bgs - Feet below ground surface.
- 2) Collection method - Grab, peristaltic pump (PP), low flow (LF), Bailer.
- 3) µg/L - Micrograms per liter, equivalent to parts per billion (ppb).
- 4) (---) - Not sampled.
- 5) ND - Concentration not detected above reporting limit.
- 6) (###) - Concentration is for duplicate sample.
- 7) Cleanup criteria for sulfolane established by MDEQ-Office of Oil, Gas, and Minerals (MDEQ-OOGM).
- 8) Concentrations that are shaded and bold exceed cleanup criteria.
- 9) MW-7 analyzed from 8/11/2016 sample collection date.
- 10) Screened interval from well installation activities. Actual screened interval to be determined following updated survey.