

Table 2. Groundwater Analytical Results Summary - VOCs
351 Russell Street - Madison, WI / SCS Engineers Project #25215104
 (Results are in µg/L)

| Sample | Date | Lab Notes | cis-1,2-Dichloroethene | trans-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl Chloride | Other VOCs |
|--|------------|-----------|------------------------|--------------------------|---------------------|--------------------|-------------------|----------------|
| GP-1 | 12/14/2014 | -- | <u>590</u> | 7.3 | <u>1,100</u> | <u>350</u> | <u>14</u> | Toluene 1.8 J |
| GP-2 | 12/14/2014 | -- | <0.12 | <0.25 | <u>4.1</u> | <u>0.64</u> | <0.10 | Toluene 0.44 J |
| GB-1 (GW-1) | 4/4/2016 | (1)(2) | 0.42 J | <0.26 | <u>51.3</u> | <u>4.5</u> | <0.18 | ND |
| GB-2 (GW-2) | 4/4/2016 | (1) | <0.26 | <0.26 | <u>10.8</u> | <0.33 | <0.18 | Toluene 0.57 J |
| GB-3 (GW-3) | 4/4/2016 | (2) | <0.26 | <0.26 | <u>50.9</u> | 0.37 J | <0.18 | ND |
| MW-1 | 1/9/2017 | (4) | 1.3 | <0.35 | <u>37</u> | <u>8.4</u> | <0.20 | ND |
| MW-2 | 1/9/2017 | -- | <u>18</u> | <0.70 | <u>920</u> | <u>48</u> | <0.41 | ND |
| MW-3 | 1/9/2017 | (4) | 0.5 J | <0.35 | <0.37 | <0.16 | <u>0.8</u> | ND |
| Trip Blank | 12/4/2014 | (3) | <6.2 | <13 | <8.4 | <9.3 | <5.2 | ND |
| | 4/4/2016 | -- | <0.26 | <0.26 | <0.50 | <0.33 | <0.18 | ND |
| | 1/9/2017 | (4) | <0.41 | <0.35 | <0.37 | <0.16 | <0.20 | ND |
| NR 140 Enforcement Standards (ESs) | | | 70 | 100 | 5 | 5 | 0.2 | Toluene 800 |
| NR 140 Preventive Action Limits (PALs) | | | 7 | 20 | 0.5 | 0.5 | 0.02 | Toluene 160 |

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)
 ND = Not Detected

VOCs = Volatile Organic Compounds
 NE = No Standard Established

-- = Not Applicable

Notes:

NR 140 ESs - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from January 2012.

NR 140 PALs - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from January 2012.

Bold+underlined values meet or exceed NR 140 enforcement standards.

Italic+underlined values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantitation

- (1) Surrogate 4-Bromofluorobenzene (S) - Post-analysis pH measurement indicates insufficient VOA sample preservation.
- (2) Surrogate 4-Bromofluorobenzene (S) - Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm in diameter).
- (3) Chloromethane, Dichlorodifluoromethane, and Vinyl Chloride (*) - LCS or LCSD exceeds the control limits.
- (4) Hexachlorobutadiene (*) - LCS or LCSD is outside acceptance limits.

Created by: LMH

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Last revision by: AV

Date: 1/16/2017

Checked by: REL

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