

Appendix C

Data Used in Risk Assessment

Sources of Data Used in Risk Assessment

The sources of data used in the risk assessment are presented below.

- Data files received from Arcadis (*via* Michael Best & Friedrich LLP) on October 2, 2012 (ARCADIS U.S., Inc. 2012a). Files contain 2012 data for indoor air, sub-slab vapor, and soil.
- Data files received from Arcadis (*via* Michael Best & Friedrich LLP) on December 18, 2012 (ARCADIS U.S., Inc. 2012b). Files contain 2012 data for indoor air, sub-slab vapor, and soil.
- WDNR data received in three Excel files on November 13, 2012. Files contain data for indoor air, sub-slab depressurization exhaust, and sub-slab vapor:
 - SCS BT Squared. 2012a. "Table 1. Sub-Slab Vapor Analytical Results Summary, South Marquette Street." November 9.
 - SCS BT Squared. 2012b. "Table 2. Air Analytical Results Summary, South Marquette Street." October 29.
 - SCS BT Squared. 2012c. "Table 3. Sub-Slab Depressurization Exhaust Analytical Results Summary, South Marquette Street." October 26.
- 2011 data in individual files, containing data for indoor air, sub-slab vapor, soil vapor, and soil:
 - Nauta, RJ. [RJN Environmental Services, LLC]. 2011b. Email correspondence to T. Speerschneider (DeWitt Ross & Stevens S.C.) re: Kipp soil vapor. 2p., February 23. RJN004100 - RJN004101.
 - Nehls-Lowe, H. [Wisconsin Dept. of Health Services]. 2011. Letters to residents P. Uttech, *et al.* re: Results of February 2011 air testing. 30p., April 8. RJN002417 - RJN002446.
 - Anon. 2011. "Madison Kipp Public Meeting." 20p., October 15. RJN003196 - RJN003215.
 - Nauta, RJ. [RJN Environmental Services, LLC]. 2011c. Letter Report to M. Schmoller (Wisconsin Dept. of Natural Resources) re: Soil and Groundwater Sampling, Properties Adjacent to Madison-Kipp Corporation. 83p., July 19.
 - Wisconsin State Laboratory of Hygiene (WISLH). 2011a. "Laboratory report for Madison Kipp [Soil gas samples]." Report to RJN Environmental Services, LLC, Oregon, WI, 9p., October 17. RJN003701 - RJN003709.
 - Wisconsin State Laboratory of Hygiene (WISLH). 2011b. "Laboratory report [Soil vapor sampling]." Report to RJN Environmental Services, LLC, Oregon, WI, 19p., December 8. RJN003681 - RJN003699.
- 2012 data in individual files, containing data for sub-slab vapor:
 - Nehls-Lowe, H. [Wisconsin Dept. of Health Services]. 2012a. Letter to resident E. Reynolds re: Results of soil vapor sampling at 126 S. Marquette. 6p., March 26.
 - Nehls-Lowe, H. [Wisconsin Dept. of Health Services]. 2012b. Letter to resident K. Hennrich re: Results of soil vapor sampling at 142 S. Marquette." 4p., March 26.

Nehls-Lowe, H. [Wisconsin Dept. of Health Services]. 2012c. Letter to resident B. Carlsen re: Results of soil vapor sampling at 130 S. Marquette." 6p., March 26.

Nehls-Lowe, H. [Wisconsin Dept. of Health Services]. 2012d. Letter to residents E. Bott, *et al.* re: Results of soil vapor sampling at 110 S. Marquette." 4p., March 26.

- 2012 data for ambient outdoor air:

- Wisconsin State Laboratory of Hygiene (WISLH). 2012c. "Laboratory report [Indoor air sampling at Background Air #2]." WSLH Sample: OW004296, 4p., May 4.

- 2012 indoor air and sub-slab vapor data, 230 S. Marquette:

- Wisconsin State Laboratory of Hygiene (WISLH). 2012d. "Laboratory report [Ambient air sampling at 230 S. Marquette]." November 23.

- Wisconsin State Laboratory of Hygiene (WISLH). 2012e. "Laboratory report [Sub-slab sampling at 230 S. Marquette]." November 23.

- 2013 indoor air data at 249 Waubesa:

- Eurofins Air Toxics. 2013. "Analytical data report for Madison-Kipp Corporation Waubesa Street Facility, Madison, Wisconsin." Report to Arcadis. 20p. January 15.

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date	Units	Polychlorinated Biphenyls							Polycyclic Aromatic Hydrocarbons		
						Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene
102 S. Marquette	102-1	RJN	0-1	4/27/2012	µg/kg	1.49 U	15.4 U	5.74 U	6.2 U	3.9 U	3.67 U	1.95 U			
102 S. Marquette	102-2	RJN	0-1	4/27/2012	µg/kg	1.51 U	15.6 U	5.81 U	6.28 U	3.95 U	3.72 U	1.98 U			
102 S. Marquette	102-1	RJN	3-4	6/20/2012	µg/kg	6.5 U	8.1 U	8 U	6.1 U	7.3 U	4 U	9.1 U	18 U	47 U	11 U
102 S. Marquette	102-1	RJN	0-1	8/15/2012	µg/kg								18 U	48 U	12 J
102 S. Marquette	102-2	RJN	0-1	8/15/2012	µg/kg								19 U	50 U	12 U
106 S. Marquette	106-1	RJN	0-1	5/17/2012	µg/kg	1.69 U	17.5 U	6.52 U	7.04 U	4.43 U	4.17 U	2.22 U			
106 S. Marquette	106-2	RJN	0-1	5/17/2012	µg/kg	1.65 U	17 U	6.33 U	6.84 U	4.31 U	4.05 U	2.15 U			
106 S. Marquette	106-1	RJN	3-4	6/20/2012	µg/kg	6.7 U	8.3 U	8.3 U	6.2 U	7.5 U	4.1 U	9.3 U	18 U	47 U	11 U
106 S. Marquette	106-2	RJN	3-4	6/20/2012	µg/kg	7.1 U	8.9 U	8.8 U	6.6 U	7.9 U	4.4 U	9.9 U	20 U	52 U	12U
106 S. Marquette	106-1	RJN	0-1	8/15/2012	µg/kg								86	62 J	11U
106 S. Marquette	106-2	RJN	0-1	8/15/2012	µg/kg								26 J	48 U	11 U
106 S. Marquette	106-1	RJN	0-1	11/14/2012	µg/kg										
106 S. Marquette	106-1	RJN	1-2	11/14/2012	µg/kg										
106 S. Marquette	106-1	RJN	2-3	11/14/2012	µg/kg										
106 S. Marquette	106-1	RJN	3-4	11/14/2012	µg/kg										
110 S. Marquette	110-1	RJN	0-1	4/27/2012	µg/kg	1.34 U	13.9 U	5.17 U	5.58 U	3.52 U	3.31 U	1.76 U			
110 S. Marquette	110-2	RJN	0-1	4/27/2012	µg/kg	1.55 U	15.9 U	5.95 U	6.42 U	4.04 U	3.81 U	2.02 U			
110 S. Marquette	110-1	RJN	3-4	6/21/2012	µg/kg	6.4 U	7.9 U	7.9 U	5.9 U	7.1 U	3.9 U	18	18 U	47 U	11 U
110 S. Marquette	110-2	RJN	3-4	6/21/2012	µg/kg	6.4 U	8 U	7.9 U	5.9 U	7.1 U	3.9 U	96	18 U	47 U	17 J
110 S. Marquette	110-1	RJN	0-1	8/15/2012	µg/kg								19 U	48 U	11 U
110 S. Marquette	110-2	RJN	0-1	8/15/2012	µg/kg								19 U	49 U	11 U
114 S. Marquette	114-1			9/1/2011	µg/kg										
114 S. Marquette	114-2			9/1/2011	µg/kg										
114 S. Marquette	114-1	RJN	0-1	4/27/2012	µg/kg	1.62 U	16.7 U	6.22 U	6.72 U	4.23 U	3.98 U	2.11 U			
114 S. Marquette	114-2	RJN	0-1	4/27/2012	µg/kg	1.58 U	16.3 U	6.08 U	6.57 U	4.14 U	3.89 U	2.07 U			
114 S. Marquette	114-1	RJN	3-4	6/21/2012	µg/kg	6.6 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.2 U	18 U	47 U	11 U
114 S. Marquette	114-2	RJN	3-4	6/21/2012	µg/kg	6.5 U	8.1 U	8 U	6 U	7.2 U	4 U	9 U	18 U	48 U	11 U
114 S. Marquette	114-1	RJN	0-1	8/15/2012	µg/kg								19 U	49 U	11 U
114 S. Marquette	114-2	RJN	0-1	8/15/2012	µg/kg								17 U	45 U	10 U
118 S. Marquette	118-1			9/1/2011	µg/kg										
118 S. Marquette	118-2			9/1/2011	µg/kg										
118 S. Marquette	118-1	RJN	0-1	4/30/2012	µg/kg	1.61 U	16.6 U	6.18 U	6.68 U	4.2 U	3.96 U	2.1 U			
118 S. Marquette	118-2	RJN	0-1	4/30/2012	µg/kg	1.69 U	17.4 U	6.5 U	7.02 U	4.42 U	4.16 U	2.21 U			
118 S. Marquette	118-1	RJN	3-4	6/21/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.2 U	19 U	49 U	11 U
118 S. Marquette	118-2	RJN	3-4	6/21/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.3 U	4 U	9.1 U	19 U	49 U	11 U
118 S. Marquette	118-1	RJN	0-1	8/15/2012	µg/kg								18 U	48 U	13 J
118 S. Marquette	118-2	RJN	0-1	8/15/2012	µg/kg								19 U	49 U	11 U
126 S. Marquette	126-1			9/1/2011	µg/kg										
126 S. Marquette	126-2			9/1/2011	µg/kg										
126 S. Marquette	126-1	RJN	0-1	4/30/2012	µg/kg	1.71 U	17.7 U	6.59 U	7.12 U	4.48 U	4.22 U	2.24 U			
126 S. Marquette	126-2	RJN	0-1	4/30/2012	µg/kg	1.68 U	17.4 U	6.48 U	7 U	4.41 U	4.15 U	2.2 U			
126 S. Marquette	126-1	RJN	3-4	6/21/2012	µg/kg	7.4 U	9.2 U	9.1 U	6.8 U	8.2 U	4.5 U	10 U	20 U	53 U	12 U
126 S. Marquette	126-2	RJN	3-4	6/21/2012	µg/kg	6.8 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.4 U	19 U	50 U	11 U
126 S. Marquette	126-1	RJN	0-1	8/15/2012	µg/kg								33 J	48 U	11 U
126 S. Marquette	126-2	RJN	0-1	8/15/2012	µg/kg								19 U	48 U	11 U
128 S. Marquette	128-1			9/1/2011	µg/kg										
128 S. Marquette	128-2			9/1/2011	µg/kg										
128 S. Marquette	128-1	RJN	0-1	4/30/2012	µg/kg	1.65 U	17 U	6.34 U	6.84 U	4.31 U	4.06 U	2.15 U			
128 S. Marquette	128-2	RJN		4/30/2012	µg/kg	1.7 U	17.5 U	6.52 U	7.05 U	4.44 U	4.18 U	2.22 U			

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date Units	Polychlorinated Biphenyls							Polycyclic Aromatic Hydrocarbons			
					Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	
128 S. Marquette	128-1	RJN	3-4	6/21/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.3 U	7.6 U	4.2 U	9.5 U	20 U	52 U	12 U
128 S. Marquette	128-2	RJN	3-4	6/21/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.3 U	19 U	48 U	11 U
128 S. Marquette	128-1	RJN	0-1	8/15/2012	µg/kg								18 U	48 U	11 U
128 S. Marquette	128-2	RJN	0-1	8/15/2012	µg/kg								18 U	48 U	11 U
130 S. Marquette	130-1			9/1/2011	µg/kg										
130 S. Marquette	130-2			9/1/2011	µg/kg										
130 S. Marquette	130-1	RJN	0-1	4/30/2012	µg/kg	1.72 U	17.7 U	6.61 U	7.14 U	4.5 U	4.23 U	2.25 U			
130 S. Marquette	130-1	RJN	3-4	6/22/2012	µg/kg	7.2 U	8.9 U	8.8 U	6.7 U	8 U	4.4 U	9.9 U	20 U	52 U	12 U
130 S. Marquette	130-1	RJN	0-1	8/15/2012	µg/kg								20 U	53 U	12 U
134 S. Marquette	134-1			9/1/2011	µg/kg										
134 S. Marquette	134-2			9/1/2011	µg/kg										
134 S. Marquette	134-1	RJN	0-1	4/30/2012	µg/kg	1.75 U	18.1 U	6.75 U	7.29 U	4.59 U	4.32 U	2.29 U			
134 S. Marquette	134-2	RJN	0-1	4/30/2012	µg/kg	1.65 U	17 U	6.34 U	6.84 U	4.31 U	4.06 U	2.15 U			
134 S. Marquette	134-1	RJN	3-4	6/22/2012	µg/kg	7.5 U	9.3 U	9.2 U	6.9 U	8.3 U	4.6 U	10 U	20 U	52 U	12 U
134 S. Marquette	134-2	RJN	3-4	6/22/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.3 U	7.6 U	4.2 U	9.5 U	19 U	50 U	11 U
134 S. Marquette	134-1	RJN	0-1	8/15/2012	µg/kg								20 U	51 U	12 U
134 S. Marquette	134-2	RJN	0-1	8/15/2012	µg/kg								19 U	50 U	11 U
138 S. Marquette	138-1			9/1/2011	µg/kg										
138 S. Marquette	138-2			9/1/2011	µg/kg										
138 S. Marquette	138-1	ARCADIS	0-1	7/20/2012	µg/kg	6.5 U	8.1 U	8 U	6 U	7.2 U	30	9 U	18 U	48 U	11 U
138 S. Marquette	138-1	ARCADIS	3-4	7/20/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.2 U	7.5 U	7 J	9.3 U	19 U	49 U	11 U
138 S. Marquette	138-2	ARCADIS	0-1	7/20/2012	µg/kg	7.1 U	8.9 U	8.8 U	6.6 U	8 U	72	9.9 U	20 U	52 U	12 U
138 S. Marquette	138-2	ARCADIS	3-4	7/20/2012	µg/kg	6.1 U	7.6 U	7.6 U	5.7 U	6.8 U	5 J	8.5 U	17 U	45 U	10 U
142 S. Marquette	142-1			9/1/2011	µg/kg										
142 S. Marquette	142-2			9/1/2011	µg/kg										
142 S. Marquette	142-3			9/1/2011	µg/kg										
142 S. Marquette	142-4			9/1/2011	µg/kg										
142 S. Marquette	142-1	RJN	0-1	4/30/2012	µg/kg	1.66 U	17.1 U	6.38 U	6.89 U	4.34 U	4.08 U	2.17 U			
142 S. Marquette	142-2	RJN	0-1	4/30/2012	µg/kg	1.64 U	16.9 U	6.3 U	6.8 U	4.28 U	4.03 U	2.14 U			
142 S. Marquette	142-1	RJN	3-4	6/22/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.3 U	7.5 U	9.7 J	9.4 U	18 U	48 U	11 U
142 S. Marquette	142-2	RJN	3-4	6/22/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.2 U	7.5 U	16 J	9.3 U	19 U	49 U	11 U
142 S. Marquette	142-1	RJN	0-1	8/15/2012	µg/kg								18 U	48 U	11 U
142 S. Marquette	142-2	RJN	0-1	8/15/2012	µg/kg								19 U	50 U	11 U
146 S. Marquette	146-1	RJN	0-1	6/25/2012	µg/kg	6.6 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.2 U	19 U	49 U	11 U
146 S. Marquette	146-1	RJN	3-4	6/25/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.3 U	4 U	9.2 U	19 U	49 U	11 U
146 S. Marquette	146-2	RJN	0-1	6/25/2012	µg/kg	6.1 U	7.6 U	7.5 U	5.7 U	6.8 U	110	8.5 U	18 U	47 U	11 U
146 S. Marquette	146-2	RJN	3-4	6/25/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.3 U	18 U	48 U	11 U
150 S. Marquette	HA-105			6/7/2011	µg/kg										
150 S. Marquette	HA-106			6/7/2011	µg/kg										
150 S. Marquette	150-1	RJN	0-1	6/25/2012	µg/kg	6.5 U	8.1 U	8 U	94	7.3 U	79	9 U	17 U	45 U	12 J
150 S. Marquette	150-1	RJN	3-4	6/25/2012	µg/kg	6.8 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.4 U	19 U	49 U	11 U
150 S. Marquette	150-2	RJN	0-1	6/25/2012	µg/kg	6.2 U	7.7 U	7.6 U	20	6.9 U	36	8.6 U	17 U	44 U	10 U
150 S. Marquette	150-2	RJN	3-4	6/25/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.3 U	19 U	50 U	12 U
154 S. Marquette	HA-103			6/7/2011	µg/kg										
154 S. Marquette	HA-104			6/7/2011	µg/kg										
154 S. Marquette	154-1	RJN	0-1	6/25/2012	µg/kg	6.6 U	8.2 U	8.2 U	6.2 U	7.4 U	19	9.2 U	18 U	48 U	11 U
154 S. Marquette	154-1	RJN	3-4	6/25/2012	µg/kg	6.6 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.2 U	19 U	50 U	11 U
162 S. Marquette	HA-101			6/7/2011	µg/kg										
162 S. Marquette	HA-102			6/7/2011	µg/kg										

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date Units	Polychlorinated Biphenyls							Polycyclic Aromatic Hydrocarbons			
					Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	
162 S. Marquette	162-1	RJN	0-1	6/26/2012	µg/kg	8.4 U	10 U	10 U	7.8 U	9.4 U	5.1 U	12 U	23 U	61 U	14 U
162 S. Marquette	162-2	RJN	0-1	6/26/2012	µg/kg	6.5 U	8 U	8 U	6 U	7.2 U	3.9 U	9 U	18 U	47 U	11 U
162 S. Marquette	162-2	RJN	3-4	6/26/2012	µg/kg	6.5 U	8.1 U	8 U	6 U	7.2 U	4 U	9 U	18 U	48 U	11 U
166 S. Marquette	166-1	RJN	0-1	6/26/2012	µg/kg	6.1 U	7.6 U	7.5 U	5.7 U	6.8 U	3.7 U	8.5 U	17 U	45 U	10 U
166 S. Marquette	166-1	RJN	3-4	6/26/2012	µg/kg	6.5 U	8.1 U	8 U	6 U	7.2 U	4 U	9 U	19 U	48 U	11 U
166 S. Marquette	166-2	RJN	0-1	6/26/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.3 U	4 U	9.2 U	18 U	48 U	11 U
202 S. Marquette	202-1	RJN	0-1	6/26/2012	µg/kg	6.4 U	8 U	7.9 U	6 U	7.2 U	3.9 U	8.9 U	17 U	45 U	21 J
202 S. Marquette	202-1	RJN	3-4	6/26/2012	µg/kg	6.8 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.4 U	19 U	49 U	11 U
202 S. Marquette	202-2	RJN	0-1	6/26/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.3 U	19 U	48 U	11 U
202 S. Marquette	202-2	RJN	3-4	6/26/2012	µg/kg	6.9 U	8.5 U	8.5 U	6.4 U	7.7 U	4.2 U	9.5 U	30 J	50 U	100
206 S. Marquette	206-1	RJN	0-1	8/22/2012	µg/kg	6.3 U	7.8 U	7.7 U	5.8 U	7 U	3.8 U	8.7 U	19 J	45 U	48
206 S. Marquette	206-1	RJN	3-3.7	8/22/2012	µg/kg	6.6 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.2 U	18 U	48 U	11 U
206 S. Marquette	206-2	RJN	0-1	8/22/2012	µg/kg	6.4 U	8 U	7.9 U	6 U	7.2 U	24	9 U	18 U	48 U	12 J
206 S. Marquette	206-2	RJN	3-4	8/22/2012	µg/kg	6.3 U	7.8 U	7.7 U	5.8 U	7 U	3.8 U	8.7 U	17 U	45 U	10 U
210 S. Marquette	210-1	RJN	0-1	8/17/2012	µg/kg	6.6 U	8.3 U	8.2 U	6.2 U	7.4 U	4 U	9.2 U	19 U	48 U	22 J
210 S. Marquette	210-1	RJN	3-4	8/17/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.2 U	7.5 U	4.1 U	9.3 U	19 U	49 U	11 U
210 S. Marquette	210-2	RJN	0-1	8/17/2012	µg/kg	6.5 U	8.1 U	8.1 U	6.1 U	7.3 U	4 U	9.1 U	22 J	47 U	28 J
210 S. Marquette	210-2	RJN	1.5-2	8/17/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.3 U	7.6 U	4.2 U	9.5 U	18 U	48 U	11 U
214 S. Marquette	214-1	RJN	0-1	8/17/2012	µg/kg	7.2 U	8.9 U	8.9 U	6.7 U	8 U	4.4 U	10 U	20 J	51 U	30 J
214 S. Marquette	214-1	RJN	3-4	8/17/2012	µg/kg	6.7 U	8.3 U	8.3 U	6.2 U	7.5 U	4.1 U	9.3 U	19 U	51 U	12 U
214 S. Marquette	214-2	RJN	0-1	8/17/2012	µg/kg	6.5 U	8.1 U	8 U	6.1 U	7.3 U	4 U	9.1 U	19 U	49 U	11 U
214 S. Marquette	214-2	RJN	3-4	8/17/2012	µg/kg	6.9 U	8.5 U	8.5 U	6.4 U	7.6 U	4.2 U	9.5 U	19 U	50 U	12 U
222 S. Marquette	222-1	ARCADIS	0-1	8/17/2012	µg/kg	6.3 U	7.9 U	7.8 U	5.9 U	7 U	3.9 U	8.8 U	19 J	47 U	22 J
222 S. Marquette	222-1	ARCADIS	3-4	8/17/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.4 U	7.6 U	4.2 U	9.5 U	19 U	50 U	12 U
222 S. Marquette	222-2	ARCADIS	0-1	8/17/2012	µg/kg	6.2 U	7.7 U	7.6 U	5.7 U	6.9 U	3.8 U	8.6 U	18 U	47 U	12 J
222 S. Marquette	222-2	ARCADIS	3-4	8/17/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.3 U	4 U	9.1 U	19 U	49 U	11 U
226 S. Marquette	226-1	RJN	0-1	8/22/2012	µg/kg	6.4 U	8 U	7.9 U	6 U	7.2 U	3.9 U	8.9 U	18 U	47 U	12 J
226 S. Marquette	226-1	RJN	3-4	8/22/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.2 U	7.5 U	4.1 U	9.3 U	19 U	49 U	11 U
226 S. Marquette	226-2	RJN	0-1	8/22/2012	µg/kg	6.5 U	8 U	8 U	6 U	7.2 U	3.9 U	21	18 J	46 U	11 U
226 S. Marquette	226-2	RJN	3-4	8/22/2012	µg/kg	6.8 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.4 U	19 U	49 U	11 U
233 Waubesa	233-2	RJN	0-1	6/25/2012	µg/kg	7.3 U	9.1 U	9 U	6.8 U	8.1 U	22	10 U	20 U	52 U	12 U
233 Waubesa	233-2	RJN	3-4	6/25/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.3 U	7.6 U	4.2 U	9.5 U	19 U	50 U	11 U
233 Waubesa	233-1	RJN	0-1	6/26/2012	µg/kg	7 U	8.7 U	8.7 U	6.5 U	7.8 U	47	9.7 U	20 U	51 U	21 J
233 Waubesa	233-1	RJN	3-4	6/26/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.3 U	7.6 U	4.2 U	9.5 U	19 U	50 U	11 U
233 Waubesa	233-N	RJN	0-1	11/1/2012	µg/kg	7.7 U	9.6 U	9.5 U	7.1 U	8.6 U	64	11 U			
233 Waubesa	233-S	RJN	0-1	11/1/2012	µg/kg	7.5 U	9.3 U	9.2 U	7 U	8.3 U	63	10 U			
233 Waubesa	233-S	RJN	3-4	11/1/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.3 U			
241 Waubesa	241-1	RJN	0-1	6/26/2012	µg/kg	6.3 U	7.8 U	7.8 U	5.8 U	7 U	63	8.7 U	63	54 J	110
241 Waubesa	241-1	RJN	3-4	6/26/2012	µg/kg	6.9 U	8.6 U	8.5 U	6.4 U	7.7 U	4.2 U	9.6 U	19 U	51 U	12 U
241 Waubesa	241-2	RJN	0-1	6/26/2012	µg/kg	6.2 U	7.7 U	7.7 U	5.8 U	6.9 U	94	8.6 U	17 U	45 U	14 J
241 Waubesa	241-2	RJN	3-4	6/26/2012	µg/kg	6.4 U	8 U	7.9 U	6 U	7.1 U	3.9 U	8.9 U	18 U	47 U	11 U
241 Waubesa	241-N	RJN	0-1	11/1/2012	µg/kg	70 U	87 U	86 U	65 U	78 U	700	97 U			
241 Waubesa	241-N	RJN	3-4	11/1/2012	µg/kg	6.9 U	8.5 U	8.5 U	6.4 U	7.6 U	81	9.5 U			
241 Waubesa	241-S	RJN	0-1	11/1/2012	µg/kg	7.1 U	8.8 U	8.7 U	6.6 U	7.9 U	23	9.8 U			
241 Waubesa	241-S	RJN	3-4	11/1/2012	µg/kg	6.8 U	8.4 U	8.3 U	6.3 U	7.5 U	13 J	9.4 U			
245 Waubesa	245-1	ARCADIS	0-1	7/20/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.3 U	7.6 U	54	9.5 U	19 U	49 U	11 U
245 Waubesa	245-1	ARCADIS	3-4	7/20/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.3 U	18 U	48 U	11 U
245 Waubesa	245-2	ARCADIS	0-1	7/20/2012	µg/kg	6.8 U	8.4 U	8.4 U	6.3 U	7.5 U	140	9.4 U	19 U	49 U	11 U
245 Waubesa	245-2	ARCADIS	3-4	7/20/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	14 J	9.3 U	19 U	49 U	11 U

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date Units	Polychlorinated Biphenyls							Polycyclic Aromatic Hydrocarbons			
					Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	
245 Waubesa	245-N	RJN	0-1	11/1/2012	µg/kg	71 U	89 U	88 U	66 U	1500	44 U	99 U			
245 Waubesa	245-N	RJN	3-4	11/1/2012	µg/kg	35 U	43 U	43 U	32 U	480	21 U	48 U			
245 Waubesa	245-S	RJN	0-1	11/1/2012	µg/kg	740 U	920 U	910 U	690 U	23000	450 U	1000 U			
245 Waubesa	245-S	RJN	3-4	11/1/2012	µg/kg	320 U	400 U	400 U	300 U	5300	200 U	450 U			
249 Waubesa	249-1	RJN	0-1	6/26/2012	µg/kg	6.2 U	7.7 U	7.7 U	5.8 U	6.9 U	36	8.6 U	17 U	44 U	18 J
249 Waubesa	249-1	RJN	3-4	6/26/2012	µg/kg	6.1 U	7.6 U	7.6 U	5.7 U	6.8 U	3.7 U	8.5 U	17 U	46 U	11 U
249 Waubesa	249-2	RJN	0-1	6/26/2012	µg/kg	6 U	7.5 U	7.4 U	5.6 U	6.7 U	3.7 U	8.3 U	18 U	46 U	63
249 Waubesa	249-2	RJN	3-4	6/26/2012	µg/kg	6.5 U	8.1 U	8 U	6 U	7.2 U	3.9 U	9 U	18 U	47 U	11 U
249 Waubesa	249-N	RJN	0-1	11/1/2012	µg/kg	7.4 U	9.2 U	9.1 U	6.8 U	8.2 U	81	10 U			
249 Waubesa	249-N	RJN	3-4	11/1/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.4 U	4 U	9.2 U			
249 Waubesa	249-S	RJN	0-1	11/1/2012	µg/kg	7.2 U	8.9 U	8.8 U	6.7 U	210	4.4 U	10 U			
249 Waubesa	249-S	RJN	2-3	11/1/2012	µg/kg	6.9 U	8.6 U	8.6 U	6.4 U	7.7 U	4.2 U	9.6 U			
253 Waubesa	253-1	RJN	0-1	6/26/2012	µg/kg	6.5 U	8.1 U	8 U	6 U	7.2 U	46	9 U	19 U	48 U	11 U
253 Waubesa	253-1	RJN	3-4	6/26/2012	µg/kg	6.9 U	8.6 U	8.6 U	6.5 U	7.7 U	4.2 U	9.6 U	19 U	50 U	12 U
253 Waubesa	253-2	RJN	0-1	6/26/2012	µg/kg	6.3 U	7.8 U	7.7 U	5.8 U	7 U	3.8 U	8.7 U	18 U	46 U	11 U
253 Waubesa	253-2	RJN	3-4	6/26/2012	µg/kg	6.8 U	8.4 U	8.4 U	6.3 U	7.6 U	4.1 U	9.4 U	19 U	50 U	12 U
253 Waubesa	253-N	RJN	0-1	11/1/2012	µg/kg	7.5 U	9.3 U	9.2 U	6.9 U	240	4.5 U	10 U			
253 Waubesa	253-N	RJN	3-4	11/1/2012	µg/kg	7.1 U	8.8 U	8.7 U	6.6 U	35	4.3 U	9.8 U			
253 Waubesa	253-S	RJN	0-1	11/1/2012	µg/kg	7 U	8.7 U	8.6 U	6.5 U	7.8 U	4.3 U	9.7 U			
253 Waubesa	253-S	RJN	3-4	11/1/2012	µg/kg	7 U	8.7 U	8.6 U	6.5 U	7.8 U	4.3 U	9.7 U			
257 Waubesa	257-1	RJN	0-1	6/26/2012	µg/kg	6.2 U	7.7 U	7.6 U	5.7 U	6.9 U	3.8 U	8.5 U	17 U	44 U	11 J
257 Waubesa	257-1	RJN	3-4	6/26/2012	µg/kg	6.9 U	8.6 U	8.5 U	6.4 U	7.7 U	4.2 U	9.6 U	20 U	51 U	12 U
257 Waubesa	257-2	RJN	0-1	6/26/2012	µg/kg	6.1 U	7.6 U	7.5 U	5.6 U	6.8 U	3.7 U	8.4 U	17 U	44 U	10 U
257 Waubesa	257-2	RJN	3-4	6/26/2012	µg/kg	6.8 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.4 U	18 U	47 U	11 U
257 Waubesa	257-N	RJN	0-1	11/1/2012	µg/kg	35 U	43 U	43 U	32 U	370	21 U	48 U			
257 Waubesa	257-N	RJN	3-4	11/1/2012	µg/kg	6.4 U	7.9 U	7.8 U	5.9 U	7.1 U	3.9 U	8.8 U			
257 Waubesa	257-S	RJN	0-1	11/1/2012	µg/kg	7.3 U	9.1 U	9 U	6.8 U	110	4.5 U	10 U			
257 Waubesa	257-S	RJN	3-4	11/1/2012	µg/kg	6.7 U	8.3 U	8.2 U	6.2 U	7.4 U	4.1 U	9.3 U			
261 Waubesa	261-1	RJN	0-1	8/22/2012	µg/kg	6.2 U	7.7 U	7.6 U	5.7 U	6.9 U	3.8 U	8.6 U	18 U	46 U	11 U
261 Waubesa	261-1	RJN	3-4	8/22/2012	µg/kg	6.7 U	8.4 U	8.3 U	6.3 U	7.5 U	4.1 U	9.3 U	19 U	50 U	11 U
261 Waubesa	261-2	RJN	0-1	8/22/2012	µg/kg	6.4 U	7.9 U	7.9 U	5.9 U	7.1 U	3.9 U	8.9 U	18 U	48 U	11 U
261 Waubesa	261-2	RJN	3-3.8	8/22/2012	µg/kg	6.8 U	8.5 U	8.4 U	6.4 U	7.6 U	4.2 U	9.5 U	19 U	49 U	11 U
265 Waubesa	265-1	RJN	0-1	6/26/2012	µg/kg	6 U	7.4 U	7.4 U	5.6 U	6.7 U	3.6 U	8.3 U	18 U	46 U	16 J
265 Waubesa	265-1	RJN	3-4	6/26/2012	µg/kg	6.3 U	7.8 U	7.7 U	5.8 U	7 U	3.8 U	8.7 U	18 U	48 U	11 U
265 Waubesa	265-2	RJN	0-1	6/26/2012	µg/kg	6.2 U	7.7 U	7.6 U	5.8 U	6.9 U	3.8 U	8.6 U	17 U	44 U	10 U
265 Waubesa	265-2	RJN	3-4	6/26/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.3 U	4 U	9.1 U	18 U	47 U	11 U
265 Waubesa	265-1	RJN	0-1	11/14/2012	µg/kg	7.9 U	8.8 U	9.8 U	130	7.9 U	4.3 U	9.9 U			
265 Waubesa	265-1	RJN	3-4	11/14/2012	µg/kg	6.7 U	8.2 U	8.3 U	6.2 U	7.3 U	4 U	9.3 U			
265 Waubesa	265-2	RJN	0-1	11/14/2012	µg/kg	7.9 U	9.9 U	9.8 U	7.4 U	94	4.8 U	11 U			
265 Waubesa	265-2	RJN	3-4	11/14/2012	µg/kg	6.6 U	8.2 U	8.1 U	6.1 U	7.3 U	4 U	9.1 U			

Notes:

bgs = Below ground surface.

J = Estimated.

U = Not detected.

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Sample Date	Chemical Group: Units	Polycyclic Aromatic Hydrocarbons (cont.)										
						Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(g,h,i) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	
102 S. Marquette	102-1	RJN	0-1	4/27/2012	µg/kg											
102 S. Marquette	102-2	RJN	0-1	4/27/2012	µg/kg											
102 S. Marquette	102-1	RJN	3-4	6/20/2012	µg/kg	11 J	24 J	110	110	140	80	72	110	10 U	250	
102 S. Marquette	102-1	RJN	0-1	8/15/2012	µg/kg	21 J	50	290	290	250	200	330	330	57	610	
102 S. Marquette	102-2	RJN	0-1	8/15/2012	µg/kg	8.9 U	24 J	160	150	210	120	91	190	34 J	300	
106 S. Marquette	106-1	RJN	0-1	5/17/2012	µg/kg											
106 S. Marquette	106-2	RJN	0-1	5/17/2012	µg/kg											
106 S. Marquette	106-1	RJN	3-4	6/20/2012	µg/kg	8.3 U	8.5 U	7.6 U	6.6 U	7.1 U	12 U	8.7 U	8.2 U	10 U	15 U	
106 S. Marquette	106-2	RJN	3-4	6/20/2012	µg/kg	9.2 U	9.4 U	8.4 U	7.3 U	7.8 U	14 U	9.6 U	9.1 U	11 U	16 U	
106 S. Marquette	106-1	RJN	0-1	8/15/2012	µg/kg	12 J	41	200	190	290	140	110	260	39	390	
106 S. Marquette	106-2	RJN	0-1	8/15/2012	µg/kg	8.5 U	17 J	100	110	160	82	60	150	22 J	220	
106 S. Marquette	106-1	RJN	0-1	11/14/2012	µg/kg											
106 S. Marquette	106-1	RJN	1-2	11/14/2012	µg/kg											
106 S. Marquette	106-1	RJN	2-3	11/14/2012	µg/kg											
106 S. Marquette	106-1	RJN	3-4	11/14/2012	µg/kg											
110 S. Marquette	110-1	RJN	0-1	4/27/2012	µg/kg											
110 S. Marquette	110-2	RJN	0-1	4/27/2012	µg/kg											
110 S. Marquette	110-1	RJN	3-4	6/21/2012	µg/kg	11 J	18 J	74	74	91	57	57	86	14 J	160	
110 S. Marquette	110-2	RJN	3-4	6/21/2012	µg/kg	22 J	43	210	230	280	170	170	230	42	490	
110 S. Marquette	110-1	RJN	0-1	8/15/2012	µg/kg	8.6 U	8.8 U	27 J	35 J	54	31 J	30 J	49	10 J	64	
110 S. Marquette	110-2	RJN	0-1	8/15/2012	µg/kg	8.6 U	13 J	62	61	76	44	36 J	70	10 U	120	
114 S. Marquette	114-1			9/1/2011	µg/kg											
114 S. Marquette	114-2			9/1/2011	µg/kg											
114 S. Marquette	114-1	RJN	0-1	4/27/2012	µg/kg											
114 S. Marquette	114-2	RJN	0-1	4/27/2012	µg/kg											
114 S. Marquette	114-1	RJN	3-4	6/21/2012	µg/kg	8.2 U	8.4 U	7.5 U	6.5 U	9.4 J	12 U	8.5 U	8.1 U	10 U	15 J	
114 S. Marquette	114-2	RJN	3-4	6/21/2012	µg/kg	8.5 U	8.7 U	7.8 U	6.8 U	7.2 U	13 U	8.8 U	8.4 U	10 U	15 U	
114 S. Marquette	114-1	RJN	0-1	8/15/2012	µg/kg	8.7 U	17 J	82	89	110	66	49	100	18 J	190	
114 S. Marquette	114-2	RJN	0-1	8/15/2012	µg/kg	7.9 U	8.1 U	7.2 U	6.3 U	6.7 U	12 U	8.2 U	8.7 J	9.6 U	14 U	
118 S. Marquette	118-1			9/1/2011	µg/kg											
118 S. Marquette	118-2			9/1/2011	µg/kg											
118 S. Marquette	118-1	RJN	0-1	4/30/2012	µg/kg											
118 S. Marquette	118-2	RJN	0-1	4/30/2012	µg/kg											
118 S. Marquette	118-1	RJN	3-4	6/21/2012	µg/kg	8.7 U	8.9 U	13 J	11 J	15 J	13 U	9 U	12 J	11 U	24 J	
118 S. Marquette	118-2	RJN	3-4	6/21/2012	µg/kg	8.6 U	12 J	13 J	8.4 J	9.3 J	13 U	8.9 U	9.6 J	10 U		
118 S. Marquette	118-1	RJN	0-1	8/15/2012	µg/kg	8.4 U	46	320	300	390	190	160	390	57	610	
118 S. Marquette	118-2	RJN	0-1	8/15/2012	µg/kg	8.7 U	16 J	96	100	130	80	70	120	24 J	180	
126 S. Marquette	126-1			9/1/2011	µg/kg											
126 S. Marquette	126-2			9/1/2011	µg/kg											
126 S. Marquette	126-1	RJN	0-1	4/30/2012	µg/kg											
126 S. Marquette	126-2	RJN	0-1	4/30/2012	µg/kg											
126 S. Marquette	126-1	RJN	3-4	6/21/2012	µg/kg	9.4 U	9.6 U	8.5 U	7.4 U	7.9 U	14 U	9.7 U	9.2 U	11 U	17 U	
126 S. Marquette	126-2	RJN	3-4	6/21/2012	µg/kg	8.8 U	9 U	8 U	7 U	7.4 U	13 U	9.1 U	8.6 U	11 U	16 U	
126 S. Marquette	126-1	RJN	0-1	8/15/2012	µg/kg	8.5 U	22 J	130	120	180	85	60	150	22 J	290	
126 S. Marquette	126-2	RJN	0-1	8/15/2012	µg/kg	8.6 U	19 J	98	110	150	77	61	140	21 J	230	
128 S. Marquette	128-1			9/1/2011	µg/kg											
128 S. Marquette	128-2			9/1/2011	µg/kg											
128 S. Marquette	128-1	RJN	0-1	4/30/2012	µg/kg											
128 S. Marquette	128-2	RJN		4/30/2012	µg/kg											

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date	Units	Polycyclic Aromatic Hydrocarbons (cont.)									
						Acenaph- thylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(g,h,i) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene
128 S. Marquette	128-1	RJN	3-4	6/21/2012	µg/kg	9.1 U	9.3 U	8.3 U	7.2 U	7.7 U	13 U	9.5 U	9 U	11 U	16 U
128 S. Marquette	128-2	RJN	3-4	6/21/2012	µg/kg	8.6 U	8.8 U	7.8 U	6.8 U	7.2 U	13 U	8.9 U	8.4 U	10 U	15 U
128 S. Marquette	128-1	RJN	0-1	8/15/2012	µg/kg	8.4 U	18 J	110	110	130	77	87	130	10 U	200
128 S. Marquette	128-2	RJN	0-1	8/15/2012	µg/kg	8.4 U	17 J	84	80	120	58	53	100	15 J	180
130 S. Marquette	130-1			9/1/2011	µg/kg										
130 S. Marquette	130-2			9/1/2011	µg/kg										
130 S. Marquette	130-1	RJN	0-1	4/30/2012	µg/kg										
130 S. Marquette	130-1	RJN	3-4	6/22/2012	µg/kg	9.1 U	9.3 U	16 J	14 J	18 J	13 U	13 J	17 J	11 U	41
130 S. Marquette	130-1	RJN	0-1	8/15/2012	µg/kg	9.4 U	9.6 U	47	50	66	40 J	31 J	56	11 U	92
134 S. Marquette	134-1			9/1/2011	µg/kg										
134 S. Marquette	134-2			9/1/2011	µg/kg										
134 S. Marquette	134-1	RJN	0-1	4/30/2012	µg/kg										
134 S. Marquette	134-2	RJN	0-1	4/30/2012	µg/kg										
134 S. Marquette	134-1	RJN	3-4	6/22/2012	µg/kg	9.3 U	9.5 U	8.5 U	7.4 U	7.8 U	14 U	9.6 U	9.1 U	11 U	17 U
134 S. Marquette	134-2	RJN	3-4	6/22/2012	µg/kg	8.8 U	9 U	8 U	7 U	7.4 U	13 U	9.1 U	8.6 U	11 U	16 U
134 S. Marquette	134-1	RJN	0-1	8/15/2012	µg/kg	9.1 U	21 J	110	120	160	85	61	140	22 J	260
134 S. Marquette	134-2	RJN	0-1	8/15/2012	µg/kg	11 J	30 J	87	87	110	69	61	110	17 J	200
138 S. Marquette	138-1			9/1/2011	µg/kg										
138 S. Marquette	138-2			9/1/2011	µg/kg										
138 S. Marquette	138-1	ARCADIS	0-1	7/20/2012	µg/kg	8.5 U	8.7 U	48	52	68	42	31 J	58	10 J	98
138 S. Marquette	138-1	ARCADIS	3-4	7/20/2012	µg/kg	8.7 U	8.9 U	8 U	6.9 U	7.4 U	13 U	9.1 U	8.6 U	11 U	16 U
138 S. Marquette	138-2	ARCADIS	0-1	7/20/2012	µg/kg	9.2 U	14 J	77	76	93	75	52	83	24 J	160
138 S. Marquette	138-2	ARCADIS	3-4	7/20/2012	µg/kg	7.9 U	8.1 U	7.2 U	6.3 U	6.7 U	12 U	8.2 U	7.8 U	9.6 U	14 U
142 S. Marquette	142-1			9/1/2011	µg/kg										
142 S. Marquette	142-2			9/1/2011	µg/kg										
142 S. Marquette	142-3			9/1/2011	µg/kg										
142 S. Marquette	142-4			9/1/2011	µg/kg										
142 S. Marquette	142-1	RJN	0-1	4/30/2012	µg/kg										
142 S. Marquette	142-2	RJN	0-1	4/30/2012	µg/kg										
142 S. Marquette	142-1	RJN	3-4	6/22/2012	µg/kg	8.5 U	8.7 U	9.3 J	6.7 U	7.7 J	12 U	8.8 U	8.3 U	10 U	18 J
142 S. Marquette	142-2	RJN	3-4	6/22/2012	µg/kg	8.6 U	8.8 U	23 J	20 J	31 J	16 J	12 J	27 J	10 U	53
142 S. Marquette	142-1	RJN	0-1	8/15/2012	µg/kg	8.4 U	26 J	130	170	190	350	76	170	140	280
142 S. Marquette	142-2	RJN	0-1	8/15/2012	µg/kg	8.8 U	20 J	100	120	150	100	91	150	26 J	230
146 S. Marquette	146-1	RJN	0-1	6/25/2012	µg/kg	8.7 U	8.9 U	13 J	14 J	17 J	15 J	9.2 J	15 J	11 U	23 J
146 S. Marquette	146-1	RJN	3-4	6/25/2012	µg/kg	8.6 U	8.8 U	7.9 U	6.9 U	7.3 U	13 U	9 U	8.5 U	11 U	15 U
146 S. Marquette	146-2	RJN	0-1	6/25/2012	µg/kg	8.3 U	8.4 U	31 J	31 J	45	32 J	17 J	39	11 J	56
146 S. Marquette	146-2	RJN	3-4	6/25/2012	µg/kg	8.5 U	8.7 U	7.8 U	6.8 U	7.2 U	13 U	8.9 U	8.4 U	10 U	15 U
150 S. Marquette	HA-105			6/7/2011	µg/kg										
150 S. Marquette	HA-106			6/7/2011	µg/kg										
150 S. Marquette	150-1	RJN	0-1	6/25/2012	µg/kg	8.3 J	28 J	110	110	150	74	58	120	22 J	240
150 S. Marquette	150-1	RJN	3-4	6/25/2012	µg/kg	8.6 U	8.8 U	11 J	26 J	54	76	17 J	35 J	20 J	16 J
150 S. Marquette	150-2	RJN	0-1	6/25/2012	µg/kg	7.9 U	8 U	22 J	21 J	32 J	17 J	14 J	27 J	9.5 U	42
150 S. Marquette	150-2	RJN	3-4	6/25/2012	µg/kg	8.9 U	9.1 U	8.1 U	7 U	7.5 U	13 U	9.2 U	8.7 U	11 U	16 U
154 S. Marquette	HA-103			6/7/2011	µg/kg										
154 S. Marquette	HA-104			6/7/2011	µg/kg										
154 S. Marquette	154-1	RJN	0-1	6/25/2012	µg/kg	75	33 J	130	180	210	150	65	160	38	200
154 S. Marquette	154-1	RJN	3-4	6/25/2012	µg/kg	8.8 U	13 J	18 J	17 J	22 J	13 J	9.5 J	18 J	11 U	34 J
162 S. Marquette	HA-101			6/7/2011	µg/kg										
162 S. Marquette	HA-102			6/7/2011	µg/kg										

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date	Units	Polycyclic Aromatic Hydrocarbons (cont.)									
						Acenaph-thylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(g,h,i) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene
162 S. Marquette	162-1	RJN	0-1	6/26/2012	µg/kg	11 U	11 U	41 J	41 J	52	35 J	27 J	47	13 U	90
162 S. Marquette	162-2	RJN	0-1	6/26/2012	µg/kg	8.3 U	8.5 U	21 J	21 J	33 J	18 J	14 J	28 J	10 U	47
162 S. Marquette	162-2	RJN	3-4	6/26/2012	µg/kg	8.5 U	8.7 U	7.7 U	6.7 U	7.2 U	12 U	8.8 U	8.3 U	10 U	15 U
166 S. Marquette	166-1	RJN	0-1	6/26/2012	µg/kg	8 U	19 J	71	67	100	51	58	83	18 J	150
166 S. Marquette	166-1	RJN	3-4	6/26/2012	µg/kg	8.6 U	8.8 U	7.8 U	6.8 U	7.2 U	13 U	8.9 U	8.4 U	10 U	15 U
166 S. Marquette	166-2	RJN	0-1	6/26/2012	µg/kg	8.5 U	12 J	43	41	56	34 J	23 J	52	10 J	87
202 S. Marquette	202-1	RJN	0-1	6/26/2012	µg/kg	18 J	59	260	260	340	59	190	290	53	610
202 S. Marquette	202-1	RJN	3-4	6/26/2012	µg/kg	8.7 U	8.9 U	8 U	6.9 U	7.4 U	13 U	9.1 U	8.6 U	11 U	16 U
202 S. Marquette	202-2	RJN	0-1	6/26/2012	µg/kg	8.6 U	8.8 U	7.8 U	6.8 U	8 J	13 U	8.9 U	8.4 U	10 U	15 U
202 S. Marquette	202-2	RJN	3-4	6/26/2012	µg/kg	120	270	790	820	1100	580	480	960	170	2000
206 S. Marquette	206-1	RJN	0-1	8/22/2012	µg/kg	7.9 U	200	320	280	310	130	150	370	73	690
206 S. Marquette	206-1	RJN	3-3.7	8/22/2012	µg/kg	8.5 U	8.7 U	7.7 U	6.7 U	7.2 U	12 U	8.8 U	8.3 U	10 U	15 U
206 S. Marquette	206-2	RJN	0-1	8/22/2012	µg/kg	8.5 U	38	92	120	130	78	86	160	33 J	240
206 S. Marquette	206-2	RJN	3-4	8/22/2012	µg/kg	8 U	8.2 U	7.3 U	6.3 U	6.8 U	12 U	8.3 U	7.9 U	9.7 U	14 U
210 S. Marquette	210-1	RJN	0-1	8/17/2012	µg/kg	8.6 U	61	230	150	170	110	140	230	50	460
210 S. Marquette	210-1	RJN	3-4	8/17/2012	µg/kg	8.7 U	8.9 U	9.6 J	13 J	8.7 U	13 U	9 U	8.6 U	11 U	17 J
210 S. Marquette	210-2	RJN	0-1	8/17/2012	µg/kg	10 J	73	200	160	270	100	260	230	40	490
210 S. Marquette	210-2	RJN	1.5-2	8/17/2012	µg/kg	8.5 U	8.7 U	32 J	29 J	36 J	17 J	15 J	38	10 J	63
214 S. Marquette	214-1	RJN	0-1	8/17/2012	µg/kg	9.1 J	82	290	200	230	150	150	280	67	580
214 S. Marquette	214-1	RJN	3-4	8/17/2012	µg/kg	8.9 U	9.2 U	8.2 U	10 J	9.6 J	13 U	9.3 U	8.8 U	11 U	16 U
214 S. Marquette	214-2	RJN	0-1	8/17/2012	µg/kg	8.7 U	13 J	48	40	39	22 J	34 J	46	11 U	84
214 S. Marquette	214-2	RJN	3-4	8/17/2012	µg/kg	8.9 U	9.1 U	8.1 U	8.1 J	7.5 U	13 U	9.3 U	8.8 U	11 U	16 U
222 S. Marquette	222-1	ARCADIS	0-1	8/17/2012	µg/kg	8.2 U	39 U	120 U	100	110	69	84	120	14 J	250
222 S. Marquette	222-1	ARCADIS	3-4	8/17/2012	µg/kg	8.8 U	9.1 U	8.1 U	7 U	7.5 U	13 U	9.2 U	8.7 U	11 U	16 U
222 S. Marquette	222-2	ARCADIS	0-1	8/17/2012	µg/kg	8.4 U	26 J	130 U	130	160	100	81	150	32 J	270
222 S. Marquette	222-2	ARCADIS	3-4	8/17/2012	µg/kg	8.7 U	8.9 U	8.2 J	7.6 J	9.6 J	13 U	9 U	8.5 U	11 U	18 J
226 S. Marquette	226-1	RJN	0-1	8/22/2012	µg/kg	8.4 U	28 J	130	160	150	81	110	170	20 J	290
226 S. Marquette	226-1	RJN	3-4	8/22/2012	µg/kg	8.6 U	8.8 U	7.9 U	6.9 U	7.3 U	13 U	9 U	8.5 U	11 U	15 U
226 S. Marquette	226-2	RJN	0-1	8/22/2012	µg/kg	18 J	24 J	130	190	180	110	140	200	44	240
226 S. Marquette	226-2	RJN	3-4	8/22/2012	µg/kg	8.7 U	8.9 U	7.9 U	6.9 U	7.3 U	13 U	9 U	8.5 U	11 U	15 U
233 Waubesa	233-2	RJN	0-1	6/25/2012	µg/kg	12 J	30 J	110	110	120	93	92	120	25 J	260
233 Waubesa	233-2	RJN	3-4	6/25/2012	µg/kg	8.8 U	9 U	8.7 J	8.2 J	11 J	13 U	9.1 U	11 J	11 U	23 J
233 Waubesa	233-1	RJN	0-1	6/26/2012	µg/kg	46	120	500	460	580	320	290	520	99	1300
233 Waubesa	233-1	RJN	3-4	6/26/2012	µg/kg	8.8 U	9 U	8 U	7 U	7.4 U	13 U	9.1 U	8.7 U	11 U	16 U
233 Waubesa	233-N	RJN	0-1	11/1/2012	µg/kg										
233 Waubesa	233-S	RJN	0-1	11/1/2012	µg/kg										
233 Waubesa	233-S	RJN	3-4	11/1/2012	µg/kg										
241 Waubesa	241-1	RJN	0-1	6/26/2012	µg/kg	12 J	250	630	590	710	410	380	620	130	1400
241 Waubesa	241-1	RJN	3-4	6/26/2012	µg/kg	9 U	9.2 U	8.2 U	7.1 U	7.6 U	13 U	9.3 U	8.8 U	11 U	16 U
241 Waubesa	241-2	RJN	0-1	6/26/2012	µg/kg	17 J	45	220	220	300	180	140	240	61	440
241 Waubesa	241-2	RJN	3-4	6/26/2012	µg/kg	8.3 U	8.5 U	7.6 U	6.6 U	7 U	12 U	8.6 U	8.2 U	10 U	15 U
241 Waubesa	241-N	RJN	0-1	11/1/2012	µg/kg										
241 Waubesa	241-N	RJN	3-4	11/1/2012	µg/kg										
241 Waubesa	241-S	RJN	0-1	11/1/2012	µg/kg										
241 Waubesa	241-S	RJN	3-4	11/1/2012	µg/kg										
245 Waubesa	245-1	ARCADIS	0-1	7/20/2012	µg/kg	8.7 U	23 J	96	94	120	96	50	100	29 J	190
245 Waubesa	245-1	ARCADIS	3-4	7/20/2012	µg/kg	8.5 U	8.7 U	7.7 U	6.7 U	7.2 U	12 U	8.8 U	8.3 U	10 U	15 U
245 Waubesa	245-2	ARCADIS	0-1	7/20/2012	µg/kg	8.7 U	36 J	140	140	190	120	72	160	46	290
245 Waubesa	245-2	ARCADIS	3-4	7/20/2012	µg/kg	8.8 U	9 U	8 U	6.9 U	7.4 U	13 U	9.1 U	8.6 U	11 U	16 U

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group: Sample Date	Units	Polycyclic Aromatic Hydrocarbons (cont.)												
						Acenaph- thylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(g,h,i) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene			
245 Waubesa	245-N	RJN	0-1	11/1/2012	µg/kg													
245 Waubesa	245-N	RJN	3-4	11/1/2012	µg/kg													
245 Waubesa	245-S	RJN	0-1	11/1/2012	µg/kg													
245 Waubesa	245-S	RJN	3-4	11/1/2012	µg/kg													
249 Waubesa	249-1	RJN	0-1	6/26/2012	µg/kg	7.8 U	37	140	130	160	96	82	150	26 J	260			
249 Waubesa	249-1	RJN	3-4	6/26/2012	µg/kg	8.1 U	8.3 U	7.4 U	6.4 U	6.8 U	12 U	8.4 U	8 U	9.8 U	14 U			
249 Waubesa	249-2	RJN	0-1	6/26/2012	µg/kg	14 J	160	550	500	600	340	330	580	110	1300			
249 Waubesa	249-2	RJN	3-4	6/26/2012	µg/kg	8.3 U	8.5 U	7.6 U	6.6 U	7.1 U	12 U	8.7 U	8.2 U	10 U	15 U			
249 Waubesa	249-N	RJN	0-1	11/1/2012	µg/kg													
249 Waubesa	249-N	RJN	3-4	11/1/2012	µg/kg													
249 Waubesa	249-S	RJN	0-1	11/1/2012	µg/kg													
249 Waubesa	249-S	RJN	2-3	11/1/2012	µg/kg													
253 Waubesa	253-1	RJN	0-1	6/26/2012	µg/kg	8.6 U	23 J	120	120	150	89	82	140	25 J	210			
253 Waubesa	253-1	RJN	3-4	6/26/2012	µg/kg	8.9 U	9.1 U	8.1 U	7 U	17 J	13 U	9.2 U	12 J	11 U	22 J			
253 Waubesa	253-2	RJN	0-1	6/26/2012	µg/kg	8.1 U	19 J	89	110	120	80	80	120	35	170			
253 Waubesa	253-2	RJN	3-4	6/26/2012	µg/kg	8.8 U	9.1 U	8.1 U	7 U	7.5 U	13 U	9.2 U	8.7 U	11 U	16 U			
253 Waubesa	253-N	RJN	0-1	11/1/2012	µg/kg													
253 Waubesa	253-N	RJN	3-4	11/1/2012	µg/kg													
253 Waubesa	253-S	RJN	0-1	11/1/2012	µg/kg													
253 Waubesa	253-S	RJN	3-4	11/1/2012	µg/kg													
257 Waubesa	257-1	RJN	0-1	6/26/2012	µg/kg	28 J	47	290	310	410	260	170	340	78	570			
257 Waubesa	257-1	RJN	3-4	6/26/2012	µg/kg	9 U	9.2 U	8.2 U	8.1 J	7.6 U	13 U	9.4 U	8.9 U	11 U	16 U			
257 Waubesa	257-2	RJN	0-1	6/26/2012	µg/kg	11 J	27 J	160	160	210	120	97	190	33 J	300			
257 Waubesa	257-2	RJN	3-4	6/26/2012	µg/kg	8.2 U	8.4 U	9 J	8.2 J	11 J	12 U	8.5 U	8.1 U	10 U	15 U			
257 Waubesa	257-N	RJN	0-1	11/1/2012	µg/kg													
257 Waubesa	257-N	RJN	3-4	11/1/2012	µg/kg													
257 Waubesa	257-S	RJN	0-1	11/1/2012	µg/kg													
257 Waubesa	257-S	RJN	3-4	11/1/2012	µg/kg													
261 Waubesa	261-1	RJN	0-1	8/22/2012	µg/kg	8.2 U	16 J	54	76	81	42	60	90	14 J	130			
261 Waubesa	261-1	RJN	3-4	8/22/2012	µg/kg	8.8 U	9 U	8 U	7 U	7.5 U	13 U	9.2 U	8.7 U	11 U	16 U			
261 Waubesa	261-2	RJN	0-1	8/22/2012	µg/kg	8.5 U	12 J	42	54	56	36 J	38	66	10 U	97			
261 Waubesa	261-2	RJN	3-3.8	8/22/2012	µg/kg	8.7 U	8.9 U	7.9 U	6.9 U	7.3 U	13 U	9 U	8.5 U	11 U	15 U			
265 Waubesa	265-1	RJN	0-1	6/26/2012	µg/kg	13 J	39	210	230	320	150	130	270	68	410			
265 Waubesa	265-1	RJN	3-4	6/26/2012	µg/kg	8.5 U	8.7 U	7.7 U	6.7 U	7.1 U	12 U	8.8 U	8.3 U	10 U	15 U			
265 Waubesa	265-2	RJN	0-1	6/26/2012	µg/kg	7.8 U	9 J	50	58	70	40	37	59	16 J	83			
265 Waubesa	265-2	RJN	3-4	6/26/2012	µg/kg	8.4 U	8.6 U	7.6 U	6.6 U	7.1 U	12 U	8.7 U	8.2 U	10 U	15 U			
265 Waubesa	265-1	RJN	0-1	11/14/2012	µg/kg													
265 Waubesa	265-1	RJN	3-4	11/14/2012	µg/kg													
265 Waubesa	265-2	RJN	0-1	11/14/2012	µg/kg													
265 Waubesa	265-2	RJN	3-4	11/14/2012	µg/kg													

Notes:

bgs = Below ground surface.

J = Estimated.

U = Not detected.

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Sample Date	Chemical Group: Units	Polycyclic Aromatic Hydrocarbons (cont.)					Volatile Organic Compounds		
						Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
102 S. Marquette	102-1	RJN	0-1	4/27/2012	µg/kg						22.6 J	14.3 U	16.6 U
102 S. Marquette	102-2	RJN	0-1	4/27/2012	µg/kg						2190	445	20.6 U
102 S. Marquette	102-1	RJN	3-4	6/20/2012	µg/kg	8.8 J	69	7 U	120	180	79	12 U	6.5 U
102 S. Marquette	102-1	RJN	0-1	8/15/2012	µg/kg	16 J	170	9.6 J	270	530			
102 S. Marquette	102-2	RJN	0-1	8/15/2012	µg/kg	8.8 U	96	7.5 U	140	340			
106 S. Marquette	106-1	RJN	0-1	5/17/2012	µg/kg						956	151 J	37.8 U
106 S. Marquette	106-2	RJN	0-1	5/17/2012	µg/kg						1780	422 J	36.7 U
106 S. Marquette	106-1	RJN	3-4	6/20/2012	µg/kg	8.3 U	12 U	7 U	15 U	13 U	3600	710	6.6 U
106 S. Marquette	106-2	RJN	3-4	6/20/2012	µg/kg	9.1 U	14 U	7.7 U	17 U	14 U	320	84	6.3 U
106 S. Marquette	106-1	RJN	0-1	8/15/2012	µg/kg	16 J	120	39	310	350			
106 S. Marquette	106-2	RJN	0-1	8/15/2012	µg/kg	8.5 U	68	13 J	140	210			
106 S. Marquette	106-1	RJN	0-1	11/14/2012	µg/kg						1900	350	8.6 U
106 S. Marquette	106-1	RJN	1-2	11/14/2012	µg/kg						530	140	7.1 U
106 S. Marquette	106-1	RJN	2-3	11/14/2012	µg/kg						730	360	8.4 U
106 S. Marquette	106-1	RJN	3-4	11/14/2012	µg/kg						12 U	13 U	7.5 U
110 S. Marquette	110-1	RJN	0-1	4/27/2012	µg/kg						9.57 J	12.9 U	15 U
110 S. Marquette	110-2	RJN	0-1	4/27/2012	µg/kg						31 J	14.9 U	17.2 U
110 S. Marquette	110-1	RJN	3-4	6/21/2012	µg/kg	11 J	47	7 U	85	140	540	14 U	7.8 U
110 S. Marquette	110-2	RJN	3-4	6/21/2012	µg/kg	21 J	150	9 J	210	400	1500	11 U	6 U
110 S. Marquette	110-1	RJN	0-1	8/15/2012	µg/kg	8.5 U	25 J	7.2 U	22 J	52			
110 S. Marquette	110-2	RJN	0-1	8/15/2012	µg/kg	8.5 U	36 J	7.2 U	58	110			
114 S. Marquette	114-1			9/1/2011	µg/kg						39		
114 S. Marquette	114-2			9/1/2011	µg/kg						U		
114 S. Marquette	114-1	RJN	0-1	4/27/2012	µg/kg						86.5 J	15.5 U	18 U
114 S. Marquette	114-2	RJN	0-1	4/27/2012	µg/kg						43.7 J	18.5 U	21.5 U
114 S. Marquette	114-1	RJN	3-4	6/21/2012	µg/kg	8.1 U	12 U	6.9 U	15 U	13 U	71	12 U	6.7 U
114 S. Marquette	114-2	RJN	3-4	6/21/2012	µg/kg	8.4 U	13 U	7.1 U	16 U	13 U	11 U	12 U	6.9 U
114 S. Marquette	114-1	RJN	0-1	8/15/2012	µg/kg	8.6 U	51	7.3 U	110	170			
114 S. Marquette	114-2	RJN	0-1	8/15/2012	µg/kg	7.8 U	12 U	6.6 U	14 U	12 U			
118 S. Marquette	118-1			9/1/2011	µg/kg						39		
118 S. Marquette	118-2			9/1/2011	µg/kg						61		
118 S. Marquette	118-1	RJN	0-1	4/30/2012	µg/kg						69.5 J	15.5 U	17.9 U
118 S. Marquette	118-2	RJN	0-1	4/30/2012	µg/kg						102 J	16.3 U	18.9 U
118 S. Marquette	118-1	RJN	3-4	6/21/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	20 J	11 U	13 U	7.1 U
118 S. Marquette	118-2	RJN	3-4	6/21/2012	µg/kg	8.5 U	13 U	7.2 U	32 J	21 J	11 U	12 U	6.9 U
118 S. Marquette	118-1	RJN	0-1	8/15/2012	µg/kg	15 J	160	11 J	260	490			
118 S. Marquette	118-2	RJN	0-1	8/15/2012	µg/kg	8.6 U	64	7.3 U	96	220			
126 S. Marquette	126-1			9/1/2011	µg/kg						U		
126 S. Marquette	126-2			9/1/2011	µg/kg						45		
126 S. Marquette	126-1	RJN	0-1	4/30/2012	µg/kg						74.9 J	16.5 U	19.1 U
126 S. Marquette	126-2	RJN	0-1	4/30/2012	µg/kg						98.6 J	16.2 U	18.8 U
126 S. Marquette	126-1	RJN	3-4	6/21/2012	µg/kg	9.3 U	14 U	7.9 U	17 U	15 U	9.9 U	11 U	6.2 U
126 S. Marquette	126-2	RJN	3-4	6/21/2012	µg/kg	8.7 U	13 U	13 J	16 U	14 U	11 U	12 U	6.7 U
126 S. Marquette	126-1	RJN	0-1	8/15/2012	µg/kg	8.5 J	74	20 J	140	220			
126 S. Marquette	126-2	RJN	0-1	8/15/2012	µg/kg	8.5 U	64	7.2 U	120	210			
128 S. Marquette	128-1			9/1/2011	µg/kg						360		
128 S. Marquette	128-2			9/1/2011	µg/kg						310		
128 S. Marquette	128-1	RJN	0-1	4/30/2012	µg/kg						16.8 J	15.8 U	18.4 U
128 S. Marquette	128-2	RJN		4/30/2012	µg/kg						10.4 U	16.3 U	18.9 U

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Sample Date	Chemical Group: Units	Polycyclic Aromatic Hydrocarbons (cont.)					Volatile Organic Compounds		
						Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
128 S. Marquette	128-1	RJN	3-4	6/21/2012	µg/kg	9 U	13 U	7.7 U	17 U	14 U	12 U	13 U	7.2 U
128 S. Marquette	128-2	RJN	3-4	6/21/2012	µg/kg	8.5 U	13 U	7.2 U	16 U	13 U	9.2 U	10 U	5.7 U
128 S. Marquette	128-1	RJN	0-1	8/15/2012	µg/kg	8.3 U	69	7.1 U	80	170			
128 S. Marquette	128-2	RJN	0-1	8/15/2012	µg/kg	8.3 U	52	7.1 U	88	140			
130 S. Marquette	130-1			9/1/2011	µg/kg						33		
130 S. Marquette	130-2			9/1/2011	µg/kg						U		
130 S. Marquette	130-1	RJN	0-1	4/30/2012	µg/kg						52.4 J	16.5 U	19.2 U
130 S. Marquette	130-1	RJN	3-4	6/22/2012	µg/kg	9 U	13 U	7.7 U	17 U	27 J	9.9 U	11 U	6.1 U
130 S. Marquette	130-1	RJN	0-1	8/15/2012	µg/kg	9.3 U	32 J	7.9 U	34 J	82			
134 S. Marquette	134-1			9/1/2011	µg/kg						110		
134 S. Marquette	134-2			9/1/2011	µg/kg						32		
134 S. Marquette	134-1	RJN	0-1	4/30/2012	µg/kg						52.8 J	16.9 U	19.6 U
134 S. Marquette	134-2	RJN	0-1	4/30/2012	µg/kg						91.2 J	15.8 U	18.4 U
134 S. Marquette	134-1	RJN	3-4	6/22/2012	µg/kg	9.2 U	14 U	7.8 U	17 U	15 U	12 U	13 U	7.3 U
134 S. Marquette	134-2	RJN	3-4	6/22/2012	µg/kg	8.7 U	13 U	7.4 U	16 U	14 U	11 U	12 U	6.9 U
134 S. Marquette	134-1	RJN	0-1	8/15/2012	µg/kg	9 U	72	7.6 U	110	190			
134 S. Marquette	134-2	RJN	0-1	8/15/2012	µg/kg	9.4 J	55	7.4 U	92	150			
138 S. Marquette	138-1			9/1/2011	µg/kg						39		
138 S. Marquette	138-2			9/1/2011	µg/kg						200		
138 S. Marquette	138-1	ARCADIS	0-1	7/20/2012	µg/kg	8.4 U	36 J	7.1 U	45	75	9.4 U	10 U	5.9 U
138 S. Marquette	138-1	ARCADIS	3-4	7/20/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	14 U	9.6 U	11 U	6 U
138 S. Marquette	138-2	ARCADIS	0-1	7/20/2012	µg/kg	9.1 U	63	7.7 U	79	120	10 U	11 U	6.3 U
138 S. Marquette	138-2	ARCADIS	3-4	7/20/2012	µg/kg	7.8 U	12 U	6.6 U	14 U	12 U	8.4 U	9.3 U	5.2 U
142 S. Marquette	142-1			9/1/2011	µg/kg						37		
142 S. Marquette	142-2			9/1/2011	µg/kg						U		
142 S. Marquette	142-3			9/1/2011	µg/kg						53		
142 S. Marquette	142-4			9/1/2011	µg/kg						42		
142 S. Marquette	142-1	RJN	0-1	4/30/2012	µg/kg						37.2 J	16 U	18.5 U
142 S. Marquette	142-2	RJN	0-1	4/30/2012	µg/kg						92.2 J	15.7 U	18.3 U
142 S. Marquette	142-1	RJN	3-4	6/22/2012	µg/kg	8.4 U	12 U	7.1 U	15 U	13 U	44 J	12 U	6.7 U
142 S. Marquette	142-2	RJN	3-4	6/22/2012	µg/kg	8.5 U	13 U	7.2 U	22 J	35 J	39 J	12 U	6.5 U
142 S. Marquette	142-1	RJN	0-1	8/15/2012	µg/kg	11 J	180	7.9 J	150	240			
142 S. Marquette	142-2	RJN	0-1	8/15/2012	µg/kg	9.2 J	71	7.4 U	120	200			
146 S. Marquette	146-1	RJN	0-1	6/25/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	21 J	9.1 U	10 U	5.7 U
146 S. Marquette	146-1	RJN	3-4	6/25/2012	µg/kg	8.6 U	13 U	7.2 U	16 U	14 U	9.6 U	11 U	6 U
146 S. Marquette	146-2	RJN	0-1	6/25/2012	µg/kg	8.2 U	26 J	6.9 U	35 J	52	830	11 U	5.9 U
146 S. Marquette	146-2	RJN	3-4	6/25/2012	µg/kg	8.4 U	13 U	7.2 U	16 U	13 U	9.6 U	11 U	6 U
150 S. Marquette	HA-105			6/7/2011	µg/kg			61 U			110 J	31 U	31 U
150 S. Marquette	HA-106			6/7/2011	µg/kg			62 U			92 J	31 U	31 U
150 S. Marquette	150-1	RJN	0-1	6/25/2012	µg/kg	11 J	64	7.2 J	140	200	450	11 U	6 U
150 S. Marquette	150-1	RJN	3-4	6/25/2012	µg/kg	8.5 U	42	7.2 U	16 U	20 J	64 J	16 U	9.1 U
150 S. Marquette	150-2	RJN	0-1	6/25/2012	µg/kg	7.8 U	16 J	6.6 U	24 J	36	240	12 U	6.9 U
150 S. Marquette	150-2	RJN	3-4	6/25/2012	µg/kg	8.8 U	13 U	7.4 U	16 U	14 U	96	12 U	6.8 U
154 S. Marquette	HA-103			6/7/2011	µg/kg			60 U			180	30 U	30 U
154 S. Marquette	HA-104			6/7/2011	µg/kg			59 U			610	29 U	29 U
154 S. Marquette	154-1	RJN	0-1	6/25/2012	µg/kg	14 J	110	8.8 J	100	210	530	12 U	7 U
154 S. Marquette	154-1	RJN	3-4	6/25/2012	µg/kg	8.7 U	13 U	7.4 U	16 U	24 J	76	12 U	6.8 U
162 S. Marquette	HA-101			6/7/2011	µg/kg			61 U			31 U	31 U	31 U
162 S. Marquette	HA-102			6/7/2011	µg/kg			63 U			33 J	31 U	31 U

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group:		Polycyclic Aromatic Hydrocarbons (cont.)					Volatile Organic Compounds		
				Sample Date	Units	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride
162 S. Marquette	162-1	RJN	0-1	6/26/2012	µg/kg	11 U	27 J	9.1 U	52	84	16 U	18 U	9.8 U
162 S. Marquette	162-2	RJN	0-1	6/26/2012	µg/kg	8.2 U	15 J	7 U	29 J	38	11 U	12 U	6.9 U
162 S. Marquette	162-2	RJN	3-4	6/26/2012	µg/kg	8.4 U	12 U	7.1 U	15 U	13 U	11 U	12 U	6.9 U
166 S. Marquette	166-1	RJN	0-1	6/26/2012	µg/kg	7.9 U	43	6.7 U	110	130	9.9 U	11 U	6.2 U
166 S. Marquette	166-1	RJN	3-4	6/26/2012	µg/kg	8.5 U	13 U	7.2 U	16 U	13 U	11 U	12 U	6.7 U
166 S. Marquette	166-2	RJN	0-1	6/26/2012	µg/kg	8.4 U	25 J	7.1 U	68	79	11 U	12 U	6.9 U
202 S. Marquette	202-1	RJN	0-1	6/26/2012	µg/kg	21 J	170	9.1 J	300	470	9.9 U	11 U	6.1 U
202 S. Marquette	202-1	RJN	3-4	6/26/2012	µg/kg	8.7 U	13 U	7.3 U	16 U	14 U	13 U	14 U	7.8 U
202 S. Marquette	202-2	RJN	0-1	6/26/2012	µg/kg	8.5 U	13 U	7.2 U	16 U	13 U	65	11 U	6.1 U
202 S. Marquette	202-2	RJN	3-4	6/26/2012	µg/kg	130	500	40	1300	1500	9.8 U	11 U	6.1 U
206 S. Marquette	206-1	RJN	0-1	8/22/2012	µg/kg	60	120	64	610	600	11 U	12 U	6.7 U
206 S. Marquette	206-1	RJN	3-3.7	8/22/2012	µg/kg	8.4 U	12 U	7.1 U	15 U	13 U	9.4 U	11 U	5.9 U
206 S. Marquette	206-2	RJN	0-1	8/22/2012	µg/kg	16 J	56	11 J	190	240	9.4 U	11 U	5.9 U
206 S. Marquette	206-2	RJN	3-4	8/22/2012	µg/kg	7.9 U	12 U	6.7 U	15 U	13 U	9.2 U	10 U	5.8 U
210 S. Marquette	210-1	RJN	0-1	8/17/2012	µg/kg	30 J	90	10 J	370	420	13 U	14 U	7.8 U
210 S. Marquette	210-1	RJN	3-4	8/17/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	14 J	11 U	12 U	6.7 U
210 S. Marquette	210-2	RJN	0-1	8/17/2012	µg/kg	45	79	27 J	520	460	38 J	10 U	5.8 U
210 S. Marquette	210-2	RJN	1.5-2	8/17/2012	µg/kg	8.4 U	15 J	7.1 U	46	60	11 U	13 U	7 U
214 S. Marquette	214-1	RJN	0-1	8/17/2012	µg/kg	44	110	16 J	450	500	12 U	14 U	7.6 U
214 S. Marquette	214-1	RJN	3-4	8/17/2012	µg/kg	8.9 J	13 U	7.5 U	16 U	14 U	18 U	20 U	11 U
214 S. Marquette	214-2	RJN	0-1	8/17/2012	µg/kg	8.6 U	16 J	7.3 U	93	94	12 U	13 U	7.3 U
214 S. Marquette	214-2	RJN	3-4	8/17/2012	µg/kg	12 J	13 U	7.5 U	16 U	14 U	12 U	14 U	7.7 U
222 S. Marquette	222-1	ARCADIS	0-1	8/17/2012	µg/kg	27 J	56	26 J	220	190	9.5 U	11 U	5.9 U
222 S. Marquette	222-1	ARCADIS	3-4	8/17/2012	µg/kg	8.7 U	13 U	7.4 U	16 U	14 U	22 U	25 U	14 U
222 S. Marquette	222-2	ARCADIS	0-1	8/17/2012	µg/kg	16 J	78	7.6 J	170	210	24 U	27 U	15 U
222 S. Marquette	222-2	ARCADIS	3-4	8/17/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	14 U	9.9 U	11 U	6.2 U
226 S. Marquette	226-1	RJN	0-1	8/22/2012	µg/kg	14 J	66	9 J	170	230	9.1 U	10 U	5.7 U
226 S. Marquette	226-1	RJN	3-4	8/22/2012	µg/kg	8.5 U	13 U	7.2 U	16 U	14 U	9.7 U	11 U	6 U
226 S. Marquette	226-2	RJN	0-1	8/22/2012	µg/kg	12 J	87	12 J	130	250	9.3 U	10 U	5.8 U
226 S. Marquette	226-2	RJN	3-4	8/22/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	14 U	9.7 U	11 U	6 U
233 Waubesa	233-2	RJN	0-1	6/25/2012	µg/kg	12 J	74	7.7 U	120	190	140	15 U	8.3 U
233 Waubesa	233-2	RJN	3-4	6/25/2012	µg/kg	8.7 U	13 U	7.4 U	16 U	18 J	11 U	12 U	7 U
233 Waubesa	233-1	RJN	0-1	6/26/2012	µg/kg	27 J	270	10 J	530	870	140	12 U	6.9 U
233 Waubesa	233-1	RJN	3-4	6/26/2012	µg/kg	8.7 U	13 U	7.4 U	16 U	14 U	10 U	11 U	6.3 U
233 Waubesa	233-N	RJN	0-1	11/1/2012	µg/kg								
233 Waubesa	233-S	RJN	0-1	11/1/2012	µg/kg								
233 Waubesa	233-S	RJN	3-4	11/1/2012	µg/kg								
241 Waubesa	241-1	RJN	0-1	6/26/2012	µg/kg	130	360	78	1000	1100	67	11 U	6.2 U
241 Waubesa	241-1	RJN	3-4	6/26/2012	µg/kg	8.9 U	13 U	7.5 U	16 U	14 U	9.8 U	11 U	6.1 U
241 Waubesa	241-2	RJN	0-1	6/26/2012	µg/kg	17 J	140	10 J	250	380	11 U	12 U	6.9 U
241 Waubesa	241-2	RJN	3-4	6/26/2012	µg/kg	8.2 U	12 U	7 U	15 U	13 U	9.9 U	11 U	6.1 U
241 Waubesa	241-N	RJN	0-1	11/1/2012	µg/kg								
241 Waubesa	241-N	RJN	3-4	11/1/2012	µg/kg								
241 Waubesa	241-S	RJN	0-1	11/1/2012	µg/kg								
241 Waubesa	241-S	RJN	3-4	11/1/2012	µg/kg								
245 Waubesa	245-1	ARCADIS	0-1	7/20/2012	µg/kg	10 J	73	7.3 U	92	150	9.7 U	11 U	6.1 U
245 Waubesa	245-1	ARCADIS	3-4	7/20/2012	µg/kg	8.4 U	12 U	7.1 U	15 U	13 U	9.8 U	11 U	6.1 U
245 Waubesa	245-2	ARCADIS	0-1	7/20/2012	µg/kg	13 J	100	7.3 U	180	230	10 U	22 J	6.3 U
245 Waubesa	245-2	ARCADIS	3-4	7/20/2012	µg/kg	8.7 U	13 U	7.3 U	16 U	14 U	9.7 U	11 U	6 U

Table C.1 Soil Data

Address	Boring	Consultant	Sample Depth (ft bgs)	Chemical Group:		Polycyclic Aromatic Hydrocarbons (cont.)					Volatile Organic Compounds			
				Sample Date	Units	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Tetrachloro-ethene	Trichloro-ethene	Vinyl chloride	
245 Waubesa	245-N	RJN	0-1	11/1/2012	µg/kg									
245 Waubesa	245-N	RJN	3-4	11/1/2012	µg/kg									
245 Waubesa	245-S	RJN	0-1	11/1/2012	µg/kg									
245 Waubesa	245-S	RJN	3-4	11/1/2012	µg/kg									
249 Waubesa	249-1	RJN	0-1	6/26/2012	µg/kg	15 J	86	6.6 U	240	280	10 U	12 U	6.4 U	
249 Waubesa	249-1	RJN	3-4	6/26/2012	µg/kg	8 U	12 U	6.8 U	15 U	13 U	9 U	10 U	5.6 U	
249 Waubesa	249-2	RJN	0-1	6/26/2012	µg/kg	51	310	10 J	850	1100	12 U	13 U	7.3 U	
249 Waubesa	249-2	RJN	3-4	6/26/2012	µg/kg	8.3 U	12 U	7 U	15 U	13 U	9.2 U	10 U	5.7 U	
249 Waubesa	249-N	RJN	0-1	11/1/2012	µg/kg									
249 Waubesa	249-N	RJN	3-4	11/1/2012	µg/kg									
249 Waubesa	249-S	RJN	0-1	11/1/2012	µg/kg									
249 Waubesa	249-S	RJN	2-3	11/1/2012	µg/kg									
253 Waubesa	253-1	RJN	0-1	6/26/2012	µg/kg	11 J	80	7.2 U	160	220	170	13 U	7.2 U	
253 Waubesa	253-1	RJN	3-4	6/26/2012	µg/kg	8.8 U	13 U	7.4 U	16 U	27 J	9.2 U	10 U	5.7 U	
253 Waubesa	253-2	RJN	0-1	6/26/2012	µg/kg	8.1 U	69	6.8 U	98	180	100	11 U	6.1 U	
253 Waubesa	253-2	RJN	3-4	6/26/2012	µg/kg	8.8 U	13 U	7.4 U	16 U	14 U	11 U	12 U	6.9 U	
253 Waubesa	253-N	RJN	0-1	11/1/2012	µg/kg									
253 Waubesa	253-N	RJN	3-4	11/1/2012	µg/kg									
253 Waubesa	253-S	RJN	0-1	11/1/2012	µg/kg									
253 Waubesa	253-S	RJN	3-4	11/1/2012	µg/kg									
257 Waubesa	257-1	RJN	0-1	6/26/2012	µg/kg	13 J	190	19 J	280	550	52 J	11 U	6 U	
257 Waubesa	257-1	RJN	3-4	6/26/2012	µg/kg	8.9 U	13 U	7.6 U	16 U	14 U	9.1 U	10 U	5.7 U	
257 Waubesa	257-2	RJN	0-1	6/26/2012	µg/kg	10 J	100	6.6 U	170	280	51 J	14 U	7.6 U	
257 Waubesa	257-2	RJN	3-4	6/26/2012	µg/kg	8.1 U	12 U	6.9 U	15 U	13 U	13 U	14 U	7.9 U	
257 Waubesa	257-N	RJN	0-1	11/1/2012	µg/kg									
257 Waubesa	257-N	RJN	3-4	11/1/2012	µg/kg									
257 Waubesa	257-S	RJN	0-1	11/1/2012	µg/kg									
257 Waubesa	257-S	RJN	3-4	11/1/2012	µg/kg									
261 Waubesa	261-1	RJN	0-1	8/22/2012	µg/kg	8.1 U	24 J	6.9 U	70	130	8.9 U	9.9 U	5.6 U	
261 Waubesa	261-1	RJN	3-4	8/22/2012	µg/kg	8.7 U	13 U	7.4 U	16 U	14 U	9.8 U	11 U	6.1 U	
261 Waubesa	261-2	RJN	0-1	8/22/2012	µg/kg	8.4 U	30 J	15 J	68	93	9.4 U	10 U	5.8 U	
261 Waubesa	261-2	RJN	3-3.8	8/22/2012	µg/kg	8.6 U	13 U	7.3 U	16 U	14 U	9.9 U	11 U	6.1 U	
265 Waubesa	265-1	RJN	0-1	6/26/2012	µg/kg	17 J	140	9.7 J	200	400	86	14 U	7.7 U	
265 Waubesa	265-1	RJN	3-4	6/26/2012	µg/kg	8.4 U	12 U	7.1 U	15 U	13 U	11 U	12 U	6.8 U	
265 Waubesa	265-2	RJN	0-1	6/26/2012	µg/kg	7.7 U	39	6.5 U	37	98	65	12 U	6.7 U	
265 Waubesa	265-2	RJN	3-4	6/26/2012	µg/kg	8.3 U	12 U	7 U	15 U	13 U	9 U	10 U	5.6 U	
265 Waubesa	265-1	RJN	0-1	11/14/2012	µg/kg									
265 Waubesa	265-1	RJN	3-4	11/14/2012	µg/kg									
265 Waubesa	265-2	RJN	0-1	11/14/2012	µg/kg									
265 Waubesa	265-2	RJN	3-4	11/14/2012	µg/kg									

Notes:

bgs = Below ground surface.

J = Estimated.

U = Not detected.

Table C.2 Indoor Air Data

Address	Sample ID	Date	Sampler	Units	Matrix Type	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Used
102 S. Marquette	IAB-01 DUP	3/16/2012	Arcadis	µg/m ³	Indoor air-basement	0.22	0.18 U	0.04 U	
102 S. Marquette	IAB-01	3/16/2012	Arcadis	µg/m ³	Indoor air-basement	0.22 U	0.18 U	0.04 U	
102 S. Marquette	IAF-01	3/16/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.22 U	0.18 U	0.04 U	
102 S. Marquette	102 S. Marquette IA	10/15/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U			
102 S. Marquette	102. S. Marquette IA	10/15/2012	WDNR	µg/m ³	Indoor air-ambient		0.46 U	0.22 U	
102 S. Marquette	102 S. Marquette Background	10/15/2012	WDNR	µg/m ³	Background	0.58 U	0.46 U	0.22 U	No
106 S. Marquette	IAB-02	5/11/2012	Arcadis	µg/m ³	Indoor air-basement	0.41	0.15 U	0.038	
106 S. Marquette	IAF-02	5/11/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.31	0.19 U	0.05 U	
110 S. Marquette	IAB-03	3/15/2012	Arcadis	µg/m ³	Indoor air-basement	0.41	0.17 U	0.04 U	
110 S. Marquette	IAF-03	3/15/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.41	0.18 U	0.04 U	
110 S. Marquette	110 S. Marquette IA	10/1/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.46 U	0.22 U	
110 S. Marquette	110 S. Marquette Background	10/1/2012	WDNR	µg/m ³	Background	0.58 U	0.46 U	0.22 U	No
114 S. Marquette	IAB-04	3/29/2012	Arcadis	µg/m ³	Indoor air-basement	0.57	0.15 U	0.04 U	
114 S. Marquette	IAF-04	3/29/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.62	0.16 U	0.04 U	
118 S. Marquette	IAB-05	3/13/2012	Arcadis	µg/m ³	Indoor air-basement	0.95	0.18 U	0.04 U	
118 S. Marquette	IAF-05	3/13/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.41	0.21 U	0.05 U	
118 S. Marquette	118 S. Marquette IA	9/17/2012	WDNR	µg/m ³	Indoor air-ambient	2.16	0.46 U	0.22 U	
126 S. Marquette	IAB-06 DUP	3/15/2012	Arcadis	µg/m ³	Indoor air-basement	0.28	0.2 U	0.05 U	
126 S. Marquette	IAB-06	3/15/2012	Arcadis	µg/m ³	Indoor air-basement	0.31	0.19 U	0.05 U	
126 S. Marquette	IAF-06	3/15/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.31	0.19 U	0.05 U	
128 S. Marquette	IAB-07	3/13/2012	Arcadis	µg/m ³	Indoor air-basement	0.22 U	0.18 U	0.04 U	
128 S. Marquette	IAF-07	3/13/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.26 U	0.2 U	0.05 U	
128 S. Marquette	128 S. Marquette IA	9/17/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.46 U	0.22 U	
130 S. Marquette	IAB-08	3/14/2012	Arcadis	µg/m ³	Indoor air-basement	0.24	0.19 U	0.05 U	
130 S. Marquette	IAF-08	3/14/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.29 U	0.23 U	0.05 U	
130 S. Marquette	130 S. Marquette IA	10/1/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.46 U	0.22 U	
134 S. Marquette	IAB-09	3/15/2012	Arcadis	µg/m ³	Indoor air-basement	0.95	0.39 U	0.09 U	
134 S. Marquette	IAF-09	3/15/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.24	0.19 U	0.05 U	
138 S. Marquette	IAB-10	7/27/2012	Arcadis	µg/m ³	Indoor air-basement	0.26 U	0.2 U	0.05 U	
138 S. Marquette	IAF-10	7/27/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.24 U	0.19 U	0.05 U	
138 S. Marquette	138 S. Marquette IA	10/1/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.46 U	0.22 U	
142 S. Marquette	IAB-11	3/14/2012	Arcadis	µg/m ³	Indoor air-basement	0.24 U	0.19 U	0.05 U	
142 S. Marquette	IAF-11	3/14/2012	Arcadis	µg/m ³	Indoor air-1st floor	0.24 U	0.19 U	0.05 U	
146 S. Marquette	146 S. Marquette IA	5/17/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
150 S. Marquette	150 Indoor	2/3/2011		µg/m ³	Indoor air	0.58 U	0.46 U	0.22 U	
154 S. Marquette	154 Indoor	2/4/2011		µg/m ³	Indoor air	4.53	0.46 U	0.22 U	
162 S. Marquette	162 indoor	2/7/2011		µg/m ³	Indoor air	0.58 U	0.46 U	0.22 U	
166 S. Marquette	166 S. Marquette IA	4/25/2012	WDNR	µg/m ³	Indoor air-basement	1.15	0.46 U	0.22 U	
166 S. Marquette	IAB-16	4/26/2012	Arcadis	µg/m ³	Indoor air-basement	0.95 U	0.75 U	0.36 U	

Table C.2 Indoor Air Data

Address	Sample ID	Date	Sampler	Units	Matrix Type	Tetrachloroethene	Trichloroethene	Vinyl Chloride	Used
202 S. Marquette	202 S. Marquette IA	4/26/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
202 S. Marquette	202 S. Marquette IA	7/2/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
202 S. Marquette	IAB-17	7/3/2012	Arcadis	µg/m ³	Indoor air-basement	1.22 U	0.97 U	0.22 U	
206 S. Marquette	206 S. Marquette IA	4/26/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
206 S. Marquette	206 S. Marquette IA	7/5/2012	WDNR	µg/m ³	Indoor air-basement	3.27	0.66	0.22 U	
206 S. Marquette	206 S. Marquette Background	4/26/2012	WDNR	µg/m ³	Background	0.58 U	0.46 U	0.22 U	No
210 S. Marquette	210 S. Marquette Background	9/6/2012	WDNR	µg/m ³	Background	0.58 U	0.46 U	0.22 U	No
210 S. Marquette	210 S. Marquette IA	6/5/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
210 S. Marquette	IAB-19	6/6/2012	Arcadis	µg/m ³	Indoor air-basement	0.23 U	0.18 U	0.04 U	
210 S. Marquette	210 S. Marquette IA	9/6/2012	WDNR	µg/m ³	Indoor air-ambient		0.46 U	0.22 U	
210 S. Marquette	210 S. Marquette IA	9/6/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U			
222 S. Marquette	222 S. Marquette IA	4/25/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
222 S. Marquette	222 S. Marquette IA	8/1/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.46 U	0.22 U	
222 S. Marquette	222 S. Marquette Background	8/1/2012	WDNR	µg/m ³	Background	0.58 U	0.46 U	0.22 U	No
226 S. Marquette	226 S. Marquette IA	7/10/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.48	0.22 U	
226 S. Marquette	IAB-23	7/11/2012	Arcadis	µg/m ³	Indoor air-basement	0.23 U	0.75	0.04 U	
226 S. Marquette	226 S. Marquette IA	10/1/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.64	0.22 U	
230 S. Marquette	230 S. Marquette IA	11/12/2012	WDNR	µg/m ³	Indoor air-ambient	0.58 U	0.46 U	0.22 U	
233 Waubesa	233 Waubesa IA	4/12/2012	WDNR	µg/m ³	Indoor air-basement	2.08	0.46 U	0.22 U	
233 Waubesa	233 Waubesa IA	6/4/2012	WDNR	µg/m ³	Indoor air-basement	2.55	0.46 U	0.22 U	
241 Waubesa	241 Waubesa IA	4/11/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
241 Waubesa	241 Waubesa IA	6/7/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
241 Waubesa	241 Waubesa Background	4/11/2012	WDNR	µg/m ³	Background	0.58 U	0.46 U	0.22 U	No
245 Waubesa	245 Waubesa IA	5/17/2012	WDNR	µg/m ³	Indoor air-basement	3.55	0.46 U	0.22 U	
249 Waubesa	249 Waubesa IA	4/25/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
249 Waubesa	249 Waubesa IA	6/7/2012	WDNR	µg/m ³	Indoor air-basement	39.86	3.88	0.22 U	
249 Waubesa	IAB-50	6/8/2012	Arcadis	µg/m ³	Indoor air-basement	0.23 U	0.18 U	0.04 U	
249 Waubesa	IAB-50-2	1/14/2013	Arcadis	µg/m ³	Indoor air-basement	0.21 U	0.16 U	0.039 U	
253 Waubesa	253 Waubesa IA	4/12/2012	WDNR	µg/m ³	Indoor air-basement	0.67	0.46 U	0.22 U	
253 Waubesa	253 Waubesa IA	6/4/2012	WDNR	µg/m ³	Indoor air-basement	0.58 U	0.46 U	0.22 U	
253 Waubesa	IAB-51	6/5/2012	Arcadis	µg/m ³	Indoor air-basement	0.25 U	0.2 U	0.05 U	
257 Waubesa	257 Waubesa IA	4/12/2012	WDNR	µg/m ³	Indoor air-basement	0.73	0.46 U	0.22 U	

Notes:

ARCADIS = Samples collected by Madison Kipp.

J = Estimated.

U = Not detected.

Used = No, indicates data not used in the risk assessment.

WDNR = Samples collected by WDNR.

Table C.3 Sub-Slab Soil Vapor Samples

Address	Sample ID	Sample Date	Sampler	Units	Tetrachloroethene	Trichloroethene	Vinyl Chloride
102 S. Marquette	SSV-1-1 (Dup-4)	3/17/2012	ARCADIS	µg/m ³	6.17	0.81 U	0.38 U
102 S. Marquette	SSV-1-1	4/13/2012	ARCADIS	µg/m ³	6.51	0.81 U	0.38 U
102 S. Marquette	SSV-2-1	4/13/2012	ARCADIS	µg/m ³	1.22	0.81 U	0.38 U
102 S. Marquette	102 S. Marquette SSV	10/15/2012	WDNR	µg/m ³	18.31	0.46 U	0.22 U
106 S. Marquette	SSV-1-2	5/10/2012	ARCADIS	µg/m ³	13.56	0.86 U	0.41 U
106 S. Marquette	SSV-2-2	5/10/2012	ARCADIS	µg/m ³	3.53	0.81 U	0.38 U
110 S. Marquette	MC-110SM-SS1	3/16/2012	WDNR	µg/m ³	3.29		
110 S. Marquette	SSV-2-3	3/16/2012	ARCADIS	µg/m ³	1.9	0.86 U	0.41 U
110 S. Marquette	SSV-1-3	3/17/2012	ARCADIS	µg/m ³	10.17	0.86 U	0.41 U
110 S. Marquette	110 S. Marquette SSV	10/1/2012	WDNR	µg/m ³	10.17	0.46 U	0.22 U
114 S. Marquette	SSV-1-4	3/29/2012	ARCADIS	µg/m ³	11.53	0.86 U	0.41 U
114 S. Marquette	SSV-2-4	3/29/2012	ARCADIS	µg/m ³	3.39	1.45	0.41 U
118 S. Marquette	SSV-1-5	3/13/2012	ARCADIS	µg/m ³	9.5	0.86 U	0.41 U
118 S. Marquette	SSV-2-5	3/13/2012	ARCADIS	µg/m ³	2.17	0.86 U	0.41 U
118 S. Marquette	118 S. Marquette SSV	9/17/2012	WDNR	µg/m ³	15.86	0.46 U	0.22 U
126 S. Marquette	MC-126SM-SS1	3/16/2012	WDNR	µg/m ³	57.15		
126 S. Marquette	MC-126SM-SS2	3/16/2012	WDNR	µg/m ³	7.93		
126 S. Marquette	SSV-1-6	3/16/2012	ARCADIS	µg/m ³	39.34	0.86 U	0.41 U
126 S. Marquette	SSV-2-6	3/16/2012	ARCADIS	µg/m ³	5.36	0.91 U	0.43 U
128 S. Marquette	SSV-1-7 (Dup-1)	3/14/2012	ARCADIS	µg/m ³	1.36	0.86 U	0.41 U
128 S. Marquette	SSV-1-7	3/14/2012	ARCADIS	µg/m ³	1.22	0.86 U	0.41 U
128 S. Marquette	SSV-2-7	3/14/2012	ARCADIS	µg/m ³	1.02 U	0.81 U	0.38 U
128 S. Marquette	128 S. Marquette SSV	9/17/2012	WDNR	µg/m ³	2.76	0.46 U	0.22 U
130 S. Marquette	MC-130SM-SS1	3/14/2012	WDNR	µg/m ³	19.46		
130 S. Marquette	MC-130SM-SS2	3/14/2012	WDNR	µg/m ³	4.96		
130 S. Marquette	SSV-1-8	3/14/2012	ARCADIS	µg/m ³	16.28	0.91 U	0.43 U
130 S. Marquette	SSV-2-8	3/14/2012	ARCADIS	µg/m ³	3.12	0.86 U	0.41 U
130 S. Marquette	130 S. Marquette SSV	10/1/2012	WDNR	µg/m ³	13.56	0.46 U	0.22 U
130 S. Marquette	130 S. Marquette SSV	10/1/2012	WDNR	µg/m ³	14.24	0.46 U	0.22 U
134 S. Marquette	SSV-1-9	3/16/2012	ARCADIS	µg/m ³	42.05	0.91 U	0.43 U
134 S. Marquette	SSV-2-9	3/16/2012	ARCADIS	µg/m ³	10.85	0.86 U	0.41 U

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Table C.3 Sub-Slab Soil Vapor Samples

Address	Sample ID	Sample Date	Sampler	Units	Tetrachloroethene	Trichloroethene	Vinyl Chloride
138 S. Marquette	SSV-1-10	7/27/2012	ARCADIS	µg/m ³	37.3	0.75 U	0.36 U
138 S. Marquette	SSV-2-10	7/27/2012	ARCADIS	µg/m ³	10.17	0.81 U	0.38 U
138 S. Marquette	138 S. Marquette SSV	10/1/2012	WDNR	µg/m ³	27.8	0.46 U	0.22 U
142 S. Marquette	MC-142SM-SS1	3/14/2012	WDNR	µg/m ³	5.05		
142 S. Marquette	SSV-1-11	3/14/2012	ARCADIS	µg/m ³	9.5	0.86 U	0.41 U
142 S. Marquette	SSV-2-11	3/14/2012	ARCADIS	µg/m ³	3.53	0.86 U	0.41 U
150 S. Marquette	150 Soil	2/3/2011		µg/m ³	732.2	107.43 D	51.1 D
154 S. Marquette	154 Soil	2/4/2011		µg/m ³	3186.43	285.77 D	135.94 D
162 S. Marquette	162 Soil	2/7/2011		µg/m ³	210.17	107.43 D	51.1 D
202 S. Marquette	202 S. Marquette SSV	4/26/2012	WDNR	µg/m ³	30.24	0.46 U	0.22 U
202 S. Marquette	202 S. Marquette SSV	7/2/2012	WDNR	µg/m ³	50.44	0.46 U	0.22 U
202 S. Marquette	SSV-17	7/2/2012	ARCADIS	µg/m ³	37.98	0.86 U	0.41 U
206 S. Marquette	206 S. Marquette SSV	4/26/2012	WDNR	µg/m ³	3.15	0.46 U	0.22 U
206 S. Marquette	206 S. Marquette SSV	4/26/2012	WDNR	µg/m ³	3.18	0.46 U	0.22 U
206 S. Marquette	206 S. Marquette SSV	7/5/2012	WDNR	µg/m ³	4.6	0.46 U	0.22 U
210 S. Marquette	210 S. Marquette SSV	6/5/2012	WDNR	µg/m ³	10.17	0.46 U	0.22 U
210 S. Marquette	SSV-19	6/5/2012	ARCADIS	µg/m ³	4.68	0.86 U	0.41 U
210 S. Marquette	210 S. Marquette SSV	9/6/2012	WDNR	µg/m ³	8.27	0.46 U	0.22 U
222 S. Marquette	222 S. Marquette SSV	4/25/2012	WDNR	µg/m ³	2.41	0.46 U	0.22 U
222 S. Marquette	222 S. Marquette SSV	8/1/2012	WDNR	µg/m ³	2.24	0.46 U	0.22 U
226 S. Marquette	226 S. Marquette SSV	7/10/2012	WDNR	µg/m ³	2.81	0.46 U	0.22 U
226 S. Marquette	SSV-23	7/10/2012	ARCADIS	µg/m ³	3.05	0.97 U	0.46 U
226 S. Marquette	226 S. Marquette SSV	10/1/2012	WDNR	µg/m ³	7.46	0.46 U	0.22 U
230 S. Marquette	230 S. Marquette SSV	11/12/2012	WDNR	µg/m ³	115.3	0.46 U	0.22 U
233 Waubesa	233 Waubesa SSV	4/12/2012	WDNR	µg/m ³	3.4	0.46 U	0.22 U
233 Waubesa	233 Waubesa SSV	4/12/2012	WDNR	µg/m ³	3.13	0.46 U	0.22 U
233 Waubesa	233 Waubesa SSV	6/4/2012	WDNR	µg/m ³	9.83	0.46 U	0.22 U
241 Waubesa	241 Waubesa SSV	4/11/2012	WDNR	µg/m ³	18.1	0.46 U	0.22 U
241 Waubesa	241 Waubesa SSV	6/7/2012	WDNR	µg/m ³	27.19	0.46 U	0.22 U
245 Waubesa	245 Waubesa SSV	5/17/2012	WDNR	µg/m ³	62.51	0.84	0.22 U
245 Waubesa	245 Waubesa SSV	5/17/2012	WDNR	µg/m ³	62.58	0.85	0.22 U

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Table C.3 Sub-Slab Soil Vapor Samples

Address	Sample ID	Sample Date	Sampler	Units	Tetrachloroethene	Trichloroethene	Vinyl Chloride
249 Waubesa	249 Waubesa SSV	4/25/2012	WDNR	$\mu\text{g}/\text{m}^3$	23.53	0.46 U	0.22 U
249 Waubesa	249 Waubesa SSV	6/7/2012	WDNR	$\mu\text{g}/\text{m}^3$	40.61	12.78	0.22 U
249 Waubesa	SSV-50	6/7/2012	ARCADIS	$\mu\text{g}/\text{m}^3$	21.7	0.97 U	0.46 U
253 Waubesa	253 Waubesa SSV	4/12/2012	WDNR	$\mu\text{g}/\text{m}^3$	33.22	0.46 U	0.22 U
253 Waubesa	253 Waubesa SSV	6/4/2012	WDNR	$\mu\text{g}/\text{m}^3$	37.97	0.46 U	0.22 U
253 Waubesa	SSV-51	6/4/2012	ARCADIS	$\mu\text{g}/\text{m}^3$	24.42	1.02 U	0.49 U
257 Waubesa	257 Waubesa SSV	4/12/2012	WDNR	$\mu\text{g}/\text{m}^3$	67.73	0.46 U	0.22 U

Notes:

ARCADIS = Samples collected by Madison Kipp.

D = Diluted.

J = Estimated.

U = Not detected.

WDNR = Samples collected by WDNR.

Table C.4 Outdoor Air and Soil Vapor Samples

Address	Sample ID	Sample Date	Units	Matrix Type	Tetrachloroethene	Trichloroethene	Vinyl Chloride
102 S. Marquette	OW001849	11/25/2011	µg/m ³	Soil vapor	31,323		
114 S. Marquette	OW001848	11/25/2011	µg/m ³	Soil vapor	17,221		
126 S. Marquette	OW001847	11/25/2011	µg/m ³	Soil vapor	3,064		
142 S. Marquette	142	6/10/2011	µg/m ³	Soil vapor wells	13	0.46 U	0.22 U
150 S. Marquette	150 well	2/4/2011	µg/m ³	Soil vapor wells	39	0.46 U	0.22 U
150 S. Marquette	Outdoor air	2/4/2011	µg/m ³	Outdoor soil vapor	0.58 U	0.46 U	0.22 U
150 S. Marquette	Outdoor soil vapor	2/4/2011	µg/m ³	Backyard soil vapor	0.58 U		
154 S. Marquette	154 well	2/4/2011	µg/m ³	Soil vapor wells	1,275	107.43 U	51.1 U
202 S. Marquette	202	6/10/2011	µg/m ³	Soil vapor wells	2.3	0.46 U	0.22 U
202 S. Marquette	OW001289	10/7/2011	µg/m ³	Soil vapor	113		
202 S. Marquette	OW001844	11/25/2011	µg/m ³	Soil vapor	39		
210 S. Marquette	OW001290	10/7/2011	µg/m ³	Soil vapor	34		
210 S. Marquette	OW001845	11/25/2011	µg/m ³	Soil vapor	22		
222 S. Marquette	OW001846	11/25/2011	µg/m ³	Soil vapor	522		
237 Waubesa	OW001287	10/7/2011	µg/m ³	Soil vapor	658		
237 Waubesa	OW001850	11/25/2011	µg/m ³	Soil vapor	359		
249 Waubesa	OW001288	10/7/2011	µg/m ³	Soil vapor	128		
249 Waubesa	OW001851	11/25/2011	µg/m ³	Soil vapor	57		
261 Waubesa	OW001852	11/28/2011	µg/m ³	Soil vapor	0.58 U		
Background Air #3	Bkgd Air #3	5/17/2012	µg/m ³	Outdoor ambient air	0.58 U		
Background Air #4	Bkgd Air #4	6/5/2012	µg/m ³	Outdoor ambient air	0.58 U		
206 S. Marquette	Bkgd Air #2	5/17/2012	µg/m ³	Outdoor ambient air	0.58 U		
241 Waubesa	OW004184	4/11/2012	µg/m ³	Outdoor ambient air	0.58 U		
250 Waubesa	OW004589	6/5/2012	µg/m ³	Outdoor ambient air	0.58 U		

Note:

U = Not detected.

ARCADIS = Samples collected by Madison Kipp.

J = Estimated.

WDNR = Samples collected by WDNR.