

TABLE 1A.2
1,4-DIOXANE CONCENTRATION DATA – ON-SITE DOWN GRADIENT GROUNDWATER MONITORING LOCATIONS
Dartmouth College, Rennie Farm Site
Hanover, New Hampshire
DES Site #201111109, DES Project #27737

Date Sampled	GZ-5U	GZ-5L	GZ-6	GZ-7U	GZ-7L	GZ-8U	GZ-8L	GZ-9U	GZ-9L	GZ-9D	GZ-10U	GZ-10L	GZ-11U	GZ-11L	GZ-15L	GZ-16D	GZ-17L	GZ-24U	GZ-24L	GZ-24D	GZ-29L	GZ-30U	GZ-30L	GZ-31L	A5-WSW	Dug Well	
11/20/2009																											
10/12/2010																											
5/19/2011																											
10/27/2011																											
11/29/2011																											
12/5/2011																											
12/12/2011																											
12/19/2011																											
4/19/2012																											
5/23/2012																											
7/25/2012																											
11/30/2012																											
3/13/2013																											
6/20/2013																											
7/31/2013																											
9/25/2013																											
12/19/2013																											
4/17/2014																											<50/1.8*
6/12/2014																											<50/1.5*
8/22/2014	12/11	9.1	24	dry	2.1																						<50/1.2*
9/5/2014	13	8.8	dry	dry	3.1																						2.0
7/8/2015	8.7	4.9	17	5.9	1.1	<0.25	<0.25	<0.25	270		<0.25	0.93/1.0	<0.25	<0.25													-
7/22/2015	-	-	-	-	-	<0.25	<0.25	<0.25	520		<0.25	1.5	<0.25	<0.25													1.1
9/15/2015	-	-	-	-	-	-	-	-	300/380*		-	<50/1.6*	-	-													-
10/1/2015	-	-	-	-	-	-	-	-	-		-	-	-	-													2.8/3.0
11/10/2015	-	-	-	-	-	-	-	-	350		-	1.1	-	-													-
12/9/2015	-	-	-	-	-	-	-	-	340		-	1.3	-	-													-
1/6/2016	-	-	-	-	-	-	-	-	300		-	1.2	-	-													1.5
2/11/2016	-	-	-	-	-	-	-	-	290		-	1.2	-	-													1.6
2/19/2016	-	-	-	-	-	-	-	-	-	75	-	-	-	-													-
3/8-9/2016	-	-	-	-	-	-	-	-	160	83	-	0.90	-	-													1.1
4/11/2016	-	-	-	-	-	<0.25	<0.25	<0.25	77	94	<0.25	0.95	<0.25	<0.25													0.93
4/21/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
5/11-13/2016	-	-	11	-	-	-	-	-	160	-	-	0.57	-	-													0.95
6/23-24/2016	-	-	-	-	-	-	-	-	210	180	-	0.97	-	-													1.7
7/18-19/2016	-	-	-	-	-	-	-	-	180	190	-	1.4	-	-													1.6
8/18/2016	dry	6.9	dry	dry	1.4	-	-	-	190	210	-	2.2	-	-													2.3
9/15-20/2016	dry	12	dry	-	-	-	-	-	180	190	-	2.2	-	-											<0.25		3.3
10/27/2016	dry	32	dry	dry	1.1	-	-	dry	120	160	-	dry	-	-													-
11/11/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
11/22-29/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
12/2-8/2016	dry	13	0.50	dry	0.43	dry	-	dry	160	120	<0.25	0.67	<0.25	<0.25													3.6
12/28-29/2016	dry	7.8	dry	dry	0.39	dry	-	<0.25	110	110	-	1.6	-	-													1.6
1/10-18/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.25	-	-	<0.25	-	-	<0.25	<0.25	<0.25	-	-	-	-
1/24-25/2017	6.2	6.8	2.8	-	2.9	-	-	-	88	86	-	2.1	-	-	-	-	2.5	-	-	-	<0.25	<0.25	<0.25	-	-	-	2.8
2/21-24/2017	-	9.3	-	-	1.1	-	-	-	76	230	-	1.8	-	-	<0.25	-	2.9	-	-	-	-	-	-	-	-	-	3.9
3/27-29/2017	3.7	11	-	-	-	-	-	-	120	200	-	1.2	-	-	-	-	2.9	-	-	<0.25	-	-	-	-	-	-	1.6
4/24/2017	5.0	11	4.3	5.4	2.3	-	-	-	64	6.7	-	0.65	-	-	-	-	2.9	-	-	-	-	-	-	-	-	-	0.97
5/17/2017	4.1	5.1	-	-	-	-	-	-	52	46	-	0.81	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-	0.64
6/19-20/2017	2.6	2.8	2.9	3.8	0.45	-	dry	-	71	22	dry	1.1	-	-	-	-	1.6	-	-	<0.25	-	-	-	-	-	-	0.35
7/27/2017	1.4	2.9	-	0.69	-	-	-	-	93	23	dry	-	-	-	-	-	1.8	-	-	<0.25	-	-	-	-	-	-	0.46

Notes:
 1. Data indicate concentrations of 1,4-dioxane in micrograms per liter.
 2. "<" indicates that 1,4-dioxane was not detected above the referenced reporting limit.
 3. "/" indicates results of labeled and blind duplicate sample, respectively.
 4. "-" indicates sampling location not included in respective sampling round.
 5. "dry" indicates no water in monitoring well at the time of the respective sampling round.
 6. "Value/Value*" indicates analysis for 1,4-dioxane performed using EPA Method 8260B and 8260B SIM, respectively.
 7. Shaded cells indicate well location was not installed at that time.
 8. GZ-16D sampled on April 21, 2016 at 5 depths within the well; refer to GZA's report dated May 6, 2016 for additional information.