

TABLE 1A.1
1,4-DIOXANE CONCENTRATION DATA – SOURCE AREA GROUNDWATER MONITORING LOCATIONS

Dartmouth College, Rennie Farm Site
Hanover, New Hampshire
DES Site #201111109, DES Project #27737

Date Sampled	GZ-1/R	GZ-2	GZ-3	GZ-4	GZ-12L	GZ-13L	GZ-14U	GZ-14L	GZ-18U	GZ-18L	GZ-19U	GZ-19L	GZ-20U	GZ-20L	GZ-22U	GZ-23U	GZ-43U
11/20/2009	-	-	-	-													
10/12/2010	-	-	-	-													
5/19/2011	-	-	-	-													
10/27/2011	-	-	-	-													
11/29/2011	<50	<50	<50	<50													
12/5/2011	-	-	-	-													
12/12/2011	-	-	-	-													
12/19/2011	-	-	-	-													
4/19/2012	-	150	<50	<50													
5/23/2012	-	190	<50	<50													
7/25/2012	-	250/370*	<50/30*	-													
11/30/2012	-	160/220*	<50/32*	-													
3/13/2013	-	170/220*	<50/<0.25*	<50/1.4*													
6/20/2013	-	90/71*	<50/3.9*	<50/0.59*													
7/31/2013	-	120/150*	<50/4.2*	<50/0.37*													
9/25/2013	-	140/120*	<50/25*	<50/<0.25*													
12/19/2013	-	90/94*	<50/59*	<50/<0.25*													
4/17/2014	-	<50/9.6*	<50/19*	<50/<0.25*													
6/12/2014	-	<50/91*	<50/2.7*	<50/<0.25*													
8/22/2014	dry	160	21	dry													
9/5/2014	-	-	-	-													
7/8/2015	<0.25	47	2.7	<0.25													
7/22/2015	-	-	-	-													
9/15/2015	-	-	-	-													
10/1/2015	-	-	-	-													
11/10/2015	-	-	52	-													
12/9/2015	-	37/40	38	-													
1/6/2016	-	15	17	-													
2/11/2016	-	27	8.5	-	2.4	0.65	550	27									
2/19/2016	-	-	-	-	-	-	-	-									
3/8-9/2016	-	13	4.4	-	1.5	0.45	600	13									
4/11/2016	-	21	4.3	-	0.96	0.39	560	27									
4/21/2016	-	-	-	-	-	-	-	-									
5/11-13/2016	-	51	2.1	-	-	-	500	49									
6/23-24/2016	-	90	4.8	-	-	-	dry	170	89	67	51	19	dry	3.2	dry	dry	
7/18-19/2016	-	98	dry	-	dry	dry	dry	dry	dry	70	dry	68	dry	6.8	dry	dry	
8/18/2016	-	dry	dry	-	dry	dry	dry	dry	dry	dry	dry	dry	dry	13	dry	dry	
9/15-20/2016	-	-	dry	dry	dry	dry	dry	dry	dry	dry	dry	-	dry	16	-	dry	
10/27/2016	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	-	dry	20	-	dry	
11/29/2016	-	dry	dry	-	-	-	250	-	-	190	-	73	-	-	-	-	
12/2-8/2016	-	75	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
12/28-29/2016	-	74	15	dry	dry	1.8	34	120	dry	88	dry	53	dry	43	dry	<0.25	
1/18/2017	-	-	-	-	-	-	-	-	97	-	dry	-	dry	-	-	dry	dry
1/24/2017	-	37	37	-	-	-	-	81	-	-	-	-	-	10	-	-	dry
2/21-24/2017	-	50	64	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8
3/27-29/2017	-	4.0	33	-	-	-	-	39	-	-	-	-	37	2.7	-	-	-
4/24/2017	-	9.6	20	-	-	-	140	23	-	-	-	-	-	-	-	-	12
5/17/2017	<0.25	24	12	-	-	-	-	58	-	30	dry	-	-	-	-	-	-
6/19/2017	dry	15	15	dry	dry	-	dry	180	dry	15	dry	42	dry	-	-	-	-
7/27/2017	dry	dry	dry	dry	dry	-	dry	dry	dry	5.1	dry	dry	dry	0.85	-	dry	-
8/25/2017	-	dry	dry	dry	dry	dry	-	-	dry	dry	dry	dry	dry	4.2	-	dry	-
9/28/2017	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	4.5	dry	dry	dry
12/11-22/2017	-	dry	-	-	-	-	dry	dry	-	-	-	-	-	-	-	-	-
3/22/2018	-	dry	48	-	-	-	dry	36	dry	14	dry	dry	dry	1.4	Could not locate	dry	-
6/22/2018	-	8.9	-	-	-	-	dry	dry	-	-	-	-	-	-	-	-	-
9/10/2018	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	5.8	Could not locate	dry	dry
12/14-20/2018	-	2.5	-	-	-	-	dry	120	-	-	-	-	-	-	-	-	-
3/19-22/2019	-	dry	19	-	-	-	-	150	-	20	-	-	<0.2	0.97	Could not locate	-	-
6/21/2019	-	16	-	-	-	-	dry	110	-	-	-	-	-	-	-	-	-
9/12/2019	dry	27	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	30	Could not locate	dry	dry
12/13/2019	-	5.9	-	-	-	-	dry	27	-	-	-	-	-	-	-	-	-
3/11/2020	-	1.1	5.7	-	-	-	5.5	40	0.86	3.6	0.57	4.5	<0.2	0.74	25	<0.2	-

Notes:

1. Data indicate concentrations of 1,4-dioxane in micrograms per liter.
2. "<50" 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 the time of the referenced sampling round.

