

TABLES

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Table 1
Community Notification List
Cape Cod Gateway Airport Public Involvement Plan

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Amanda Rose	504 Pitchers Way Hyannis, MA 02601
Angela Gallagher	MassDEP Southeast Regional Office Bureau of Waste Site Cleanup 20 Riverside Drive Lakeville, MA 02347
Anthony Alva	184 Mockingbird Lane Marstons Mills, MA 02646
Araceli Alcantara	67 Coolidge Road West Yarmouth, MA 02673
Arthur Beatty	699 Cotuit Road Marstons Mills, MA 02648
Bruce Murphy	Health Department Town of Yarmouth 1146 Route 28 South Yarmouth, MA 02664
Ronald Beaty	245 Parker Rd. West Barnstable, MA 02668
Rong Jian Liu	5 Fishing Brook Road Yarmouth, MA 02664
Scott Beaty	29 Washington Avenue West Yarmouth, MA 02673
Sue Phelan	Green Cape - PO Box 631 West Barnstable, MA 02668
Sylvia Laselva	358 Sea Street Hyannis, MA 02673
Vilson Kote	106 Betty's Path West Yarmouth, MA 02673

NAME	ADDRESS
Charlie Bloom	29 Oak Street Hyannis, MA 02601
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Christian Cook	37 Maple Avenue Hyannis, MA 02601
Daniel Knapik	Town Administrator Town of Yarmouth 424 Rte. 28 West Yarmouth, MA 02673
Daniel Santos	Department of Public Works Town of Barnstable 397 Main Street Hyannis, MA 02601
Darcy Karie	Conservation Commission Town of Barnstable 397 Main Street Hyannis, MA 02601
David Beaty	137 Harbor Bluff Road Hyannis, MA 02601
Eric Kristofferson	Hyannis Fire Department 95 High School Road Ext. Hyannis, MA 02601
Hans Keijser	Department of Public Works Town of Barnstable 397 Main Street
Janine Voiles	67 Coolidge Road West Yarmouth, MA 02673
Jeanny Fichter	1640 Old Stage Rd. West Barnstable, MA 02668
Karl Von Hone	Yarmouth Natural Resources Town of Yarmouth 424 Route 28 West Yarmouth, MA 02673
Luiz Gonzaga	92 High School Rd. Hyannis, MA 02601
M. Curley	39 Oak Ridge Road Osterville, MA 02655
Thomas McKean	Board of Health Town of Barnstable 397 Main Street Hyannis, MA 02601
Maia Fitzstevens	Silent Spring Institute 320 Nevada Street, Suite 302 Newton, MA 02460
Mainur Kote	106 Betty's Path West Yarmouth, MA 02673
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Table 3. Groundwater Results for PFAS Compounds ug/L

Sample Location		Airport Road/Iyannough Road Area										ARFF Building Area										
Sample ID	UCL	HW-U(s)	HW-U(s)	HW-U(s)	HW-U(m)	HW-U(m)	HW-U(m)	HW-U(d)	HW-U(d)	HW-U(d)	HW-V(m)	HW-L (s)	HW-L (m)	HW-L (d)	HW-L (d)	HW-P (s)	HW-P (s)	HW-P (s)	HW-P (s)	HW-P (s)	HW-P (s)	HW-P (s)
Sample Date		4/19/2021	9/5/2021	3/15/2022	4/19/2021	9/5/2021	3/15/2022	10/2/2020	9/5/2021	3/15/2022	10/2/2020	10/7/2020	6/19/2019	10/7/2020	6/19/2019	3/18/2021	9/8/2021	3/18/2021	11/2/2022	2/2/2023	6/8/2023	
TOC Elevation		NA	NA	NA	NA	NA	NA	48.80	48.80	48.80	53.83	39.07	38.98	39.15	39.15	40.51	40.51	40.51	40.51	40.51	40.51	40.51
Depth to Groundwater		23.59	24.53	22.89	23.50	24.49	22.80	24.66	25.24	23.52	22.90	21.96	21.88	19.40	22.22	22.69	22.09	23.54	21.61	23.96	21.42	
Groundwater Elevation		NA	NA	NA	NA	NA	NA	24.14	23.56	25.28	30.93	17.11	17.10	19.75	16.93	17.82	18.42	16.97	18.90	16.55	19.09	40.51
Total Well Depth		28.83	28.83	29.15	38.93	38.93	39.65	62.30	62.30	63.65	36.15	27.33	37.33	70.55	70.55	27.60	27.60	27.60	27.61	27.61	27.62	
Perfluoroheptanoic acid (PFHpA)	100,000	0.002 J	0.004	0.0027	0.0018 J	0.0049	0.004	0.01	0.01	0.01	0.0033	0.00053 U	0.0064	0.0078	0.0065	0.026	0.0067	0.004	0.01	0.0044	0.012	0.00698
Perfluorohexanesulfonic acid (PFHxS)	5,000	0.01	0.0034	0.0039	0.0043	0.011	0.0098	0.018	0.022	0.017	0.0032	0.0013	0.023	0.033	0.015	0.0018	0.00074 J	0.00056 J	0.0012 J	0.00054 U	0.0022	0.000798 JF
Perfluorononanoic acid (PFNA)	100,000	0.0013 J	0.0017 J	0.0013 J	0.00083 J	0.0011 J	0.0021	0.0016	0.005	0.0025	0.0017	0.00063 U	0.0025	0.033	0.0022	0.0061	0.002	0.0013 J	0.0039	0.0016 J	0.015	0.0151
Perfluorooctanoic acid (PFOA)	100,000	0.0075	0.0047	0.0052	0.0055	0.0094	0.018	0.01	0.013	0.013	0.0063	0.00071 U	0.01	0.025	0.018	0.0084	0.0042	0.0017 J	0.012	0.0037	0.014	0.0145
Perfluorooctane sulfonate (PFOS)	5,000	0.06	0.029	0.012	0.0093	0.027	0.029	0.023	0.051	0.043	0.0059	0.0014	0.07	0.049	0.039	0.00097	0.00049 J	0.00054 U	0.00098 J	0.00048 J	0.0037	0.00138 JF
Perfluorodecanoic Acid (PFDA)	100,000	0.00064 J	0.0011 J	0.0006 J	0.00038 U	0.001 U	0.00055 J	0.00062 U	0.0025 U	0.00047 J	0.00062 U	0.00062 U	0.00062 U	<0.002	0.0019	0.00085	0.0004 J	0.00048 U	0.00043 U	0.00066 U	0.0018 U	0.000464 J
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	0.0011 U	0.00034 U	0.00032 U	0.0011 U	0.00075	0.00033 U	0.0012	0.04	0.00032 U	0.00039 U	0.00039 U	0.022	0.0021	0.00078	0.011	0.0034	0.0014	0.0083	0.0016 J	0.019	0.00441
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six																						
Total PFAS	NA	0.09704	0.06596	0.04424	0.03622	0.0839	0.10395	0.0889	0.1775	0.12378	0.0543	0.0027	0.18375	0.1823	0.12348	0.2478	0.06294	0.05055	0.08508	0.03898	0.1232	0.100275
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	0.08144	0.0439	0.0257	0.02173	0.0534	0.06345	0.0588	0.0987	0.08167	0.0204	0.0027	0.1119	0.1181	0.0826	0.04412	0.01453	0.00756	0.02808	0.01018	0.0659	0.039222
Sample Location		Deployment Area																				
Sample ID	UCL	HW-E	HW-E	HW-E	HW-E	HW-E ¹	HW-E ¹	HW-E ¹	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F	HW-F
Sample Date		4/5/2017	11/7/2018	8/19/2019	5/5/2020	3/17/2021	9/8/2021	3/16/2022	4/5/2020	11/7/2018	5/5/2020	3/17/2021	9/8/2021	3/16/2022	11/7/2018	5/8/2020	5/18/2022	6/1/2023	10/1/2020	3/17/2021	9/8/2021	3/16/2022
TOC Elevation		38.45	38.45	38.45	38.45	42.40	42.40	42.40	36.32	36.32	36.32	36.32	36.32	36.32	38.47	38.47	38.47	NA	35.72	35.72	35.72	35.72
Depth to Groundwater		19.05	19.38	17.82	16.16	23.35	25.02	22.67	19.60	20.08	16.82	20.01	21.72	19.34	20.39	17.37	20.07	23.10	18.33	17.37	19.00	16.69
Groundwater Elevation		19.40	19.07	20.63	22.29	19.05	17.38	19.73	16.72	16.24	19.50	16.31	14.60	16.98	18.08	21.10	18.40	NA	17.39	18.35	16.72	19.03
Total Well Depth		26.22	26.22	26.22	26.22	30.26	30.26	30.26	26.89	26.89	26.89	26.89	26.89	26.83	27.09	27.09	27.07	28.03	23.56	23.67	23.67	23.25
Perfluoroheptanoic acid (PFHpA)	100,000	0.15	0.0074 U	0.0053	0.044	0.014	0.0018 J	0.023	0.34	0.0074 U	0.23	0.39	0.0051	0.36	0.077	0.28	0.015	0.00076 U	0.021	0.005	0.021	0.03
Perfluorohexanesulfonic acid (PFHxS)	5,000	0.042	0.0056 U	0.0021	0.011	0.0015 J	0.00088 J	0.0028	0.0191	0.0056 U	0.005	0.012 U	0.00037 U	0.0097	0.0056 U	0.0031	0.0021	0.00099 J	0.02	0.01	0.0046	0.0019
Perfluorononanoic acid (PFNA)	100,000	0.0087 J	0.0087 U	<0.002	0.0052	0.00048 U	0.00037 U	0.0023	0.0046 U	0.0087 U	0.00081	0.0097 U	0.00037 U	0.0025	0.0087 U	0.00063 U	0.0003 U	0.00083 U	0.0031	0.001 J	0.00034 U	0.00081 U
Perfluorooctanoic acid (PFOA)	100,000	0.053	0.0033 U	0.0047	0.027	0.00095 J	0.00094 J	0.029 J	0.075	0.0033 U	0.02	0.052	0.00074 U	0.052	0.0050 J	0.002	0.0006 U	0.0012 U	0.014	0.004	0.004 J	0.0012 U
Perfluorooctane sulfonate (PFOS)	5,000	0.047	0.0060 U	<0.002	0.0037	0.00082 J	0.00064 U	0.0013 J	0.0026 U	0.0060 U	0.00086	0.0076 U	0.00065 U	0.0037	0.0060 U	0.00068 U	0.00053 U	0.00077 U	0.016	0.0023	0.0053	0.001 J
Perfluorodecanoic Acid (PFDA)	100,000	0.0040 U	0.0061 U	<0.002	0.00062 U	0.00038 U	0.00052 U	0.00043 U	0.0040 U	0.0061 U	0.00062 U	0.00076 U	0.00053 U	0.00043 U	0.0061 U	0.00062 U	0.00043 U	0.00075 U	0.00062 U	0.00038 U	0.00049 U	0.00044 U
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	2	0.0066 U	0.069	0.86	0.0035	0.00039 U	0.83	5.7	0.0066 U	1.5	4.8	0.0049	8.2	1.5	0.13	0.00032 U	0.0011 U	0.037	0.0048	0.003	0.0053
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six																						
Total PFAS	NA	3.2257	0.0074 U	0.14	1.04526	0.04812	0.01342	0.9169	12.96	0.084	2.65637	8.422	0.159	12.18373	4.452	1.26666	0.165	0.021	0.2171	0.04878	0.2549	0.30126
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	3.3007	0.0074 U	0.0121	0.0909	0.01727	0.00362	0.0584	0.434	0.0087 U	0.25667	0.442	0.0051	0.4279	0.082	0.2851	0.0171	0.00099	0.0741	0.0751	0.0213	0.0343
Sample Location		Steamship Parking Lot Area																				
Sample ID	UCL	HW-3	HW-3	HW-3	HW-3	HW-3	HW-3	HW-3	HW-3	HW-300	HW-300	HW-300	HW-300	HW-300	HW-301	HW-302	HW-302	HW-302	HW-302	HW-302	HW-302	HW-302
Sample Date		7/1/2016	4/5/2017	10/26/2018	5/5/2020	3/17/2021	9/1/2021	3/25/2022	10/31/2022	7/1/2016	3/17/2021	9/2/2021	3/31/2022	7/1/2016	7/1/2016	12/3/2018	3/17/2021	9/1/2021	3/25/2022			
TOC Elevation		38.74	38.74	38.74	38.74	38.74	38.74	38.74	38.74	36.09	36.09	36.09	36.09	36.09	39.46	41.17	41.17	41.17	41.17	41.17	41.17	41.17
Depth to Groundwater		25.81	25.70	26.06	23.64	26.19	28.35	26.03	27.63	22.52	22.86	23.02	22.53	25.05	23.52	22.65	22.65	24.04	26.15	23.70		
Groundwater Elevation		12.93	13.04	12.68	15.10	12.55	10.39	12.71	11.11	13.57	13.23	13.07	13.56	14.41	17.65	18.52	17.13	15.02	17.47			
Total Well Depth		33.08	33.08	33.08	33.08	33.12	33.11	33.70	33.00	30.33	30.30	30.34	30.40	30.42	30.45	30.45	30.44	30.40	30.42			
Perfluoroheptanoic acid (PFHpA)	100,000	0.016	0.1	0.10	0.1	0.084	0.035	0.02	0.054	0.0096	0.0028	0.0029	0.0019 U	0.002	0.019	0.015 J	0.0066	0.0062	0.0062	0.0092		
Perfluorohexanesulfonic acid (PFHxS)	5,000	0.0043	0.020 J	0.012 J	0.0087	0.0064 J	0.0057 J	0.013	0.024	0.012	0.0099	0.00066 J	0.006	0.038	0.0063	0.016 J	0.0022	0.004	0.013			
Perfluorononanoic acid (PFNA)	100,000	0.0063	0.027	0.023	0.021	0.019 J	0.014 J	0.0039	0.0097	<0.002	0.00099 J	0.0028	0.0019 U	<0.002	0.054	0.0097 J	0.0066	0.005	0.02			
Perfluorooctanoic acid (PFOA)	100,000	0.0091	0.065	0.057	0.054	0.064	0.016 J	0.0069	0.022	0.0052	0.0044	0.0044	0.0033	0.0037	0.033	0.03	0.005	0.0065	0.017			
Perfluorooctane sulfonate (PFOS)	5,000	0.084	0.15	0.053	0.1	0.056	0.044	0.024	0.028	0.017	0.015	0.017	0.012	0.011	0.014	0.031	0.0041	0.015	0.0095			
Perfluorodecanoic Acid (PFDA)	100,000	NA	0.0040 U	0.0061 U	0.0014	0.0038 U	0.0052 U	0.0019 U	0.00069 U	NA	0.00038 U	0.0006 J	0.0019 U	NA	NA	0.0061 U	0.00086 J	0.001 J	0.0019 U			
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	NA	0.47	0.12	0.13	0.47	0.2	0.14	0.0014 U	NA	0.0011 U	0.00034 U	0.0019 U	NA	NA	0.13	0.012	0.0062	0.072			
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six																						
Total PFAS	NA	0.1197	1.603	0.952	0.96981	1.1394	0.6867	0.4359	0.73178	0.0438	0.05509	0.03812	0.0369	0.0547	0.1263	0.3427	0.08304	0.09793	0.2149			
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	0.1197	0.362	0.245	0.2851	0.2294	0.1147	0.0678	0.1377	0.0438	0.03309	0.02832	0.0213	0.0547	0.1263	0.1017	0.02536	0.0377	0.0687			
Sample Location		Maher Well Area																				
Sample ID	UCL	OW-19(S)	OW-19(S)	OW-19(S)	OW-19(S)	OW-19(M)	OW-19(M)	OW-19(M)	OW-19(M)	OW-19D	OW-19D	OW-19D	OW-19D	OW-19D	HW-W(m)	HW-W(m)	HW-W(m)	HW-W(m)	HW-W(d)	HW-W(d)	HW-W(d)	HW-W(d)
Sample Date		11/6/2020	3/18/2021	9/2/2021	3/16/2022	11/6/2020	3/19/2021	9/3/2021	3/18/2022	4/11/2017	5/13/2020	3/19/2021	9/11/2021	3/18/2022	4/19/2021	9/5/2021	3/16/2022	10/31/2022	4/19/2021	9/5/2021	3/16/2022	
TOC Elevation		NA	NA	NA	NA	NA	NA	NA	NA	39.06	39.06											

Table 3. Groundwater Results for PFAS Compounds ug/L

Sample Location		ARFF Building Area									
Sample ID	UCL	HW-P (m)	HW-P (m)	HW-P (m)	HW-P (m)	HW-P (m)	HW-P (m)	HW-Q (s)	HW-Q (s)	HW-Q (m)	
Sample Date		10/1/2020	3/18/2021	9/8/2021	3/18/2022	11/2/2022	6/8/2023	10/1/2020	11/6/2020	10/1/2020	
TOC Elevation		40.64	40.64	40.64	40.64	40.64	40.64	37.89	37.89	37.90	
Depth to Groundwater		22.80	22.20	23.67	21.73	24.08	21.45	22.04	21.41		
Groundwater Elevation		17.84	18.44	16.97	18.91	16.56	40.64	16.44	15.85	16.49	
Total Well Depth		38.30	38.30	38.30	38.28	38.30	26.60	26.60	36.79		
Perfluoroheptanoic acid (PFHpA)		100,000	0.003	0.017	0.016	0.009	0.0083	0.00451	0.0018 J	0.0021	0.00053 U
Perfluorohexanesulfonic acid (PFHxS)		5,000	0.00085	0.0015 J	0.0013 J	0.002	0.0011 J	0.0034	0.013	0.0087	0.0019
Perfluorononanoic acid (PFNA)	100,000	0.0011	0.006	0.0099	0.009	0.0095	0.00746	0.00063 U	0.00063 U	0.00075	
Perfluorooctanoic acid (PFOA)	100,000	0.0018	0.0096	0.01	0.0081	0.008	0.00378	0.0049	0.0062	0.00095	
Perfluorooctane sulfonate (PFOS)	5,000	0.0011	0.0035	0.003	0.0026	0.0022	0.00275	0.0041	0.0075	0.0049	
Perfluorodecanoic Acid (PFDA)	100,000	0.00062 U	0.00038 U	0.00048 U	0.00043 U	0.00065 U	0.00174 U	0.00062 U	0.00062 U	0.00062 U	
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	0.00092	0.0011 U	0.00036 U	0.00033 U	0.0013 U	0.00174 U	0.00039 U	0.00039 U	0.00039 U	
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six											
Total PFAS	NA	0.02967	0.17311	0.15362	0.08697	0.0705	0.051382	0.0307	0.0346	0.00944	
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	0.00785	0.0376	0.0402	0.0307	0.0291	0.0219	0.0238	0.0245	0.0085	

Sample Location		Yarmouth Road Area												
Sample ID	UCL	HW-S (s)	HW-S (s)	HW-S (s)	HW-S (s)	HW-S(s)	HW-S(m)	HW-S (m)	HW-S (m)	HW-S (m)	HW-S (m)	HW-S(m)	HW-S(m)	
Sample Date		10/1/2020	3/18/2021	9/3/2021	3/31/2022	8/8/2022	6/9/2023	10/1/2020	3/18/2021	9/3/2021	3/25/2022	8/8/2022	6/9/2023	
TOC Elevation		31.60	31.60	31.60	31.60	31.60	31.60	31.59	31.59	31.59	31.59	31.59	31.59	
Depth to Groundwater		16.88	16.29	17.30	15.70	16.43	17.01	16.35	17.37	15.48	17.94			
Groundwater Elevation		14.72	15.31	14.30	15.90	15.17	31.60	14.58	15.24	14.22	16.11	13.65	31.59	
Total Well Depth		22.10	22.10	22.10	22.20	22.15	32.04	32.04	32.04	32.05	32.11			
Perfluoroheptanoic acid (PFHpA)		100,000	0.11	0.14	0.11	0.061	0.16	0.0467	0.00096	0.0011 J	0.0012 J	0.0018 U	0.0065	0.0257
Perfluorohexanesulfonic acid (PFHxS)		5,000	0.055	0.083	0.064	0.041	0.12	0.03	0.0064	0.0073	0.0053	0.0026	0.0074	0.0216
Perfluorononanoic acid (PFNA)	100,000	0.1	0.024	0.1	0.043	0.16	0.0442	0.00063 U	0.00057 J	0.00055 J	0.0018 U	0.0017 U	0.0262	
Perfluorooctanoic acid (PFOA)	100,000	0.062	0.078	0.13	0.05	0.23	0.0521	0.0013	0.0018 J	0.0014 J	0.0019	0.0049	0.0297	
Perfluorooctane sulfonate (PFOS)	5,000	0.1	0.03	0.048	0.048	0.16	0.185	0.0058	0.006	0.0094	0.0052	0.0096	0.255	
Perfluorodecanoic Acid (PFDA)	100,000	0.00062 U	0.0038 U	0.012 U	0.0019 U	0.0017 U	0.01 U	0.00062 U	0.00038 U	0.00047 U	0.0018 U	0.0017 U	0.00177 U	
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	3.7	3.1	5.2	0.0019 U	0.0017 U	1.15	0.0065	0.0067	0.0036	0.023	0.0017 U	0.198	
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six														
Total PFAS	NA	4.8958	4.3105	6.1418	0.5956	1.5581	1.7573	0.02471	0.03263	0.02873	0.043	0.0564	0.635542	
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	0.427	0.427	0.452	0.243	0.83	0.358	0.01446	0.01677	0.01785	0.0097	0.0284	0.3582	

Sample Location		Steamship Parking Lot Area					
Sample ID	UCL	HW-K	HW-K	HW-K	HW-K	HW-K	
Sample Date		6/19/2019	5/21/2020	3/18/2021	9/2/2021	3/25/2022	
TOC Elevation		37.70	37.70	37.70	37.70	37.70	
Depth to Groundwater		20.88	20.56	22.87	24.24	22.93	
Groundwater Elevation		16.82	17.14	14.83	13.46	14.77	
Total Well Depth		44.18	44.18	44.17	44.18	44.17	
Perfluoroheptanoic acid (PFHpA)		100,000	0.0051	0.0028	0.0044	0.0086	0.017
Perfluorohexanesulfonic acid (PFHxS)		5,000	<0.002	0.001	0.00066 J	0.0015 J	0.0019
Perfluorononanoic acid (PFNA)	100,000	<0.002	0.0012	0.0037	0.003	0.0087	
Perfluorooctanoic acid (PFOA)	100,000	0.0041	0.0019	0.0036	0.0038	0.012	
Perfluorooctane sulfonate (PFOS)	5,000	<0.002	0.0016	0.0015 J	0.0019	0.0037	
Perfluorodecanoic Acid (PFDA)	100,000	<0.002	0.00062 U	0.00038 U	0.00046 U	0.0019 U	
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	<0.002	0.00039 U	0.0011 U	0.00034 U	0.0019 U	
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six							
Total PFAS	NA	0.0348	0.0275	0.04486	0.09217	0.1864	
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	0.0092	0.0085	0.01386	0.0188	0.0414	

Sample Location		Maher Well Area														
Sample ID	UCL	HW-W(dd)	HW-W(dd)	HW-W(dd)	OW-9S	OW-9S	OW-9S	OW-9M	OW-9M	OW-9D	OW-9D	OW-9D	OW-9DD	OW-9DD	OW-9DD	
Sample Date		4/19/2021	9/5/2021	3/16/2022	7/5/2016	12/3/2018	5/8/2020	12/3/2018	5/8/2020	7/5/2016	12/3/2018	5/5/2020	4/11/2017	12/3/2018	10/2/2020	
TOC Elevation		NA	NA	NA	23.25	23.25	23.25	23.53	23.53	23.22	23.22	23.22	23.81	23.81	23.81	
Depth to Groundwater		28.67	29.89	28.85	12.23	10.80	10.14	11.11	10.45	12.48	10.82	10.15	12.10	11.30	13.04	
Groundwater Elevation		NA	NA	NA	11.02	12.45	13.11	12.42	13.08	10.74	12.40	13.07	11.71	12.51	10.77	
Total Well Depth		72.10	72.09	73.61	21.35	21.35	21.35	56.20	56.20	68.63	68.63	68.63	86.75	86.75	86.75	
Perfluoroheptanoic acid (PFHpA)		100,000	0.0091	0.0073	0.0077	0.014	0.048	0.0064	0.11	0.0061	0.0028	0.033	0.044	0.034	0.015 J	0.0085
Perfluorohexanesulfonic acid (PFHxS)		5,000	0.0086	0.0048	0.02	<0.003	0.023	0.011	0.0056 U	0.0033	0.012	0.12	0.18	0.12	0.042	0.019
Perfluorononanoic acid (PFNA)	100,000	0.0014 J	0.002	0.0015 J	0.0077	0.0087 U	0.0033	0.044	0.0037	0.0036	0.1	0.15	0.059	0.038	0.018	
Perfluorooctanoic acid (PFOA)	100,000	0.0046	0.0069	0.0059	0.007	0.032	0.0043	0.052	0.0035	0.0052	0.057	0.088	0.055	0.020 J	0.01	
Perfluorooctane sulfonate (PFOS)	5,000	0.015	0.0081	0.035	0.0074	0.024	0.0058	0.0081 J	0.01	0.041	0.52	0.72	0.5	0.14	0.049	
Perfluorodecanoic Acid (PFDA)	100,000	0.00038 U	0.00049 U	0.00045 U	NA	0.0061 U	0.00062 U	0.0061 U	0.00062 U	NA	0.0061 U	0.00062 U	0.0040 U	0.0061 U	0.00062 U	
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	0.0011 U	0.00036 U	0.0033 U	NA	0.0066 U	0.00039 U	0.64	0.0049	NA	0.19	0.23	0.13	0.062	0.02	
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six																
Total PFAS	NA	0.10469	0.0563	0.11378	0.0361	0.618	0.06678	1.7141	0.0816	0.0646	1.217	1.5845	1.02	0.39	0.169	
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	0.0387	0.0291	0.0701	0.0361	0.127	0.0308	0.2141	0.0266	0.0646	0.83	1.182	0.768	0.255	0.1045	

Notes:
 UCL = Upper Concentration Limit
 < = Not detected by the laboratory above the reporting limit. Reporting limit shown.
 J = Estimated concentration between the method detection limit and reporting limit.
 Results in ug/L, micrograms per liter.
 U = Not detected by the Laboratory above the method detection limit. Method detection limit shown.
Bold results above Method 1 GW-1 standard (0.02 ug/L).
 Sum of six includes estimated values and does not include non-detects (U or <).
 Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U or <).
 NA = Not Applicable.

Table 4 - 1,4 Dioxane Groundwater Results ug/L

Sample Location	North Ramp																Airport Road/Iyannough Road Area								ARFF Building			
Sample ID	HW-1	HW-1	HW-5	HW-12	OW-6	OW-6	HW-4M	HW-4D	HW-204	HW-29	HW-207S	HW-207D	HW-207D	HW-19D	HW-19D	HW-X(s)	HW-X(m)	HW-A(D)	HW-A(D)	HW-B(D)	HW-N	HW-O	HW-U(d)	HW-V(m)	HW-L(s)	HW-L(m)	HW-L(d)	HW-L(d)
Sample Date	5/7/2015	8/5/2019	5/7/2015	5/7/2015	5/7/2015	9/27/2019	4/5/2017	4/5/2017	9/27/2019	9/27/2019	9/27/2019	4/5/2017	9/27/2019	4/5/2017	9/27/2019	9/10/2021	9/10/2021	4/5/2017	8/5/2019	4/5/2017	8/5/2019	8/5/2019	10/2/2020	10/2/2020	10/7/2020	10/7/2020	7/2/2019	5/13/2020
1,4-Dioxane	<0.152	<0.25	<0.150	<0.150	<0.150	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.19	<0.22	<0.25	<0.25	<0.25	<0.25	<0.25	0.73	0.8	<0.2	<0.2	0.727	0.75
Sample Location	Maher Well Field															Deployment Area												
Sample ID	OW-9M	OW-9D	OW-9D	OW-9D	OW-9DD	OW-9DD	OW-9DD	OW-18M	OW-18D	OW-18D	OW-18D	OW-19M	OW-19D	OW-19D	OW-19D	HW-E	HW-J											
Sample Date	5/28/2015	5/28/2015	12/3/2018	5/5/2020	5/28/2015	4/11/2017	12/3/2018	4/11/2017	4/11/2017	12/7/2018	5/13/2020	4/11/2017	4/11/2017	12/7/2018	5/13/2020	9/10/2021	9/10/2021											
1,4-Dioxane	<0.141	<0.141	<0.25	<0.19	0.926	0.838	0.732	<0.25	0.552	<0.25	0.35	<0.25	0.800	<0.25	0.3	<0.20	<0.20											

Notes:
 Results in ug/L, micrograms per liter.
 < = Not detected by the laboratory above the reporting limit. Reporting limit shown.
 Bold results above Method 1 GW-1 standard (0.3 ug/L).
 The Method 1 GW-2 standard for 1,4-dioxane is 6,000 ug/l.
 The Method 1 GW-3 standard for 1,4-dioxane is 50,000 ug/l.

Table 5. ARFF Concentrate Analytical Results ug/L

Sample ID	Foam Mix
Sample Date	12/9/2016
Perfluoroheptanoic acid (PFHpA)	3.4 J
Perfluorohexanesulfonic acid (PFHxS)	2.1 J
Perfluorononanoic acid (PFNA)	93
Perfluorooctanoic acid (PFOA)	19
Perfluorooctane sulfonate (PFOS)	5 U
Perfluorodecanoic Acid (PFDA)	2.8 J
6:2 FTS	33
Total PFAS	222.5
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	120.3

Notes:

1. U = Not detected by the laboratory above the Method Detection Limit. Method Detection Limit shown.
2. Results in ug/L, micrograms per liter.
3. Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U).
4. Sample is AFFF concentrate.
5. J = Estimated concentration between the Method Detection Limit and the Laboratory Reporting Limit.

Table 6. SPLP Results ug/L

Sample ID	DL4 4'	DL5 2'	DL8 (4')	DL14(0-1')	Stockpile West	Stockpile East	ARFF Rubber Roof	ARFF Asphalt Roof
Sample Date	9/26/2017	9/26/2017	9/26/2017	9/26/2017	10/10/2017	10/10/2017	11/17/2020	11/17/2020
Perfluoroheptanoic acid (PFHpA)	0.011 U	0.011 U	0.065 J	0.17	0.011 U	0.011 U	0.00279	0.0002 U
Perfluorohexanesulfonic acid (PFHxS)	0.0072 U	0.0072 U	0.036 U	0.01 J	0.0072 U	0.0072 U	0.00034 U	0.00036 U
Perfluorononanoic acid (PFNA)	0.16	0.0032 U	0.052 J	0.37	0.0032 U	0.0032 U	0.00068 J	0.00028 U
Perfluorooctanoic acid (PFOA)	0.012 J	0.042	0.6	0.87	0.0037 U	0.0037 U	0.0073	0.00021 U
Perfluorooctane sulfonate (PFOS)	0.013 J	0.0072 U	0.036 U	0.19	0.0072 U	0.0072 U	0.00045 U	0.00202
Perfluorodecanoic Acid (PFDA)	0.0052 U	0.0052 U	0.026 U	0.34	0.0052 U	0.0052 U	0.000364 J	0.000271 U
6:2 FTS	0.067	0.0072 U	25	7.13	0.034 J	0.024 J	0.0154 J	0.0017 J
Total PFAS	0.195	0.042	26.25	20.195	0.034	0.024	0.072723	0.07957
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	0.185	0.042	0.717	1.95	0.011 U	0.011 U	0.011133	0.00202

Notes:

1. U = Not detected by the laboratory above the Method Detection Limit. Method Detection Limit shown.
2. Results in ug/L, micrograms per liter.
3. Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U).

Table 7: Background PFAS Levels in Soil and Soil Stockpile Samples

Background Sample Locations																									
Sample ID	Method 1 Standard		Stockpile West	Stockpile East	Loam Pile	BG-1 0-1'	BG-2 0-1'	BG-3 0-1'	BG-4 0-1'	BG-5 0-1'	BG-6 0-1'	BG-7 0-1'	BG-8 0-1'	BG-9 0-1'	BG-10 0-1'	BG-11 0-1'	BG-12 0-1'	BG-13 0-1'	BG-14 0-1'	BG-15 0-1'	BG-16 0-1'	BG-17 0-1'	BG-18 0-1'	BG-19 0-1'	BG-20 0-1'
Sample Date	S-1/GW-1	S-1/GW-3	10/10/2017	10/10/2017	10/10/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017
Sample Location			On-Airport	On-Airport	On-Airport	Off-Airport	On-Airport	On-Airport	On-Airport	On-Airport	On-Airport	On-Airport	On-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport	Off-Airport
Perfluoroheptanoic acid (PFHpA)	0.5	300	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 J	0.17 U	0.18 J	0.17 U	0.17 U	0.23 J	0.17 U	0.17 U	0.19 U	0.19 U	0.19 U	0.19 U	0.44 J	0.19 U	0.19 U	0.35 J	0.19 U	0.46 J
Perfluorohexanesulfonic acid (PFHxS)	0.3	300	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.24 U	0.39 J	0.24 U	0.24 U	0.57 J	0.47 J	0.24 U	0.49 J	0.24 U	0.24 U
Perfluorooctanoic acid (PFOA)	0.72	300	0.26 U	0.26 U	0.26 U	0.58 J	0.26 U	0.26 U	0.16 U	0.47 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.75 J	0.67 J	0.33 J	0.25 U	0.46 J	0.37 J	0.36 J	0.5 J	0.25 U	0.86 J
Perfluorononanoic acid (PFNA)	0.32	300	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.22 U	0.29 J	0.22 U	0.22 U	0.53 J	0.22	0.67 J	0.41 J	0.22 U	0.22 U
Perfluorooctane sulfonate (PFOS)	2	300	0.38 J	0.39 J	0.81 J	0.21 U	0.7 J	0.38 J	2.3	0.41 J	0.32 J	0.33 J	0.31 J	1.3	0.62 J	0.41 J	0.76 J	0.99	0.26 U	3.1	2	0.36 J	2.3	0.41 J	0.44 J
Perfluorodecanoic Acid (PFDA)	0.3	300	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.28 U	0.28 U	0.36 J	0.28 U	0.31 J	0.41 J	0.28 U	0.41 J	0.28 U	0.28 U
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six																									
Total PFAS	NA	NA	1.78	0.91	0.81	1.47	0.7	0.56	3.21	1.31	0.32	0.3	0.84	1.3	0.62	1.16	2.73	1.68	0	6.79	3.77	5.09	5.45	0.41	2.43
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	NA	0.38	0.39	0.81	0.58	0.7	0.56	2.3	1.06	0.32	0.33	0.54	1.3	0.62	1.16	2.11	1.68	0	5.41	3.47	1.39	4.46	0.41	1.76

Notes:
 J = Estimated concentration between the method detection limit and reporting limit.
 Results in ug/kg, micrograms per kilogram.
 U= Not detected by the Laboratory above the method detection limit. Method detection limit shown.
 Bold results above the proposed Method 1 S-1/GW-1 standard.
 Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U or <).
 Sum of six includes estimated values and does not include non-detects (U or <).

Table 8. Surface Water Results for PFAS ug/L

Sample ID	Surface Water		
	Kmart	LP-1	UGP-1
Sample Date	6/20/2017	7/11/19	7/11/19
Perfluoroheptanoic acid (PFHpA)	0.0033 U	<0.01	<0.02
Perfluorohexanesulfonic acid (PFHxS)	0.0034 U	<0.01	<0.02
Perfluorononanoic acid (PFNA)	0.0043 J	<0.01	<0.02
Perfluorooctanoic acid (PFOA)	0.0026 U	<0.01	<0.02
Perfluorooctane sulfonate (PFOS)	0.0046 U	<0.01	<0.02
Perfluorodecanoic Acid (PFDA)	0.0040 U	<0.01	<0.02
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six			
Total PFAS	0.0174	0.018	0.047
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	0.0043	<0.01	<0.02

Notes:

< = Not detected by the laboratory above the reporting limit. Reporting limit shown.

J = Estimated concentration between the method detection limit and reporting limit.

Results in ug/L, micrograms per liter.

U= Not detected by the laboratory above the method detection limit. Method detection limit shown.

Sum of six includes estimated values and does not include non-detects (U or <).

Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U or <).

Currently MassDEP has not issued a surface water standard for PFAS.

The Method 1 GW-1 Standard for the Sum of Six is 0.02 ug/l.

The Method 1 GW-3 Standard for the individual analytes in the Sum of Six range from 500 to 40,000 ug/l.

Table 9: Ratio of Stable Isotopes Oxygen-18 and Hydrogen-2 Laboratory Results

Sample Date	Lab Sample ID	HW Sample ID	Stable Isotope Oxygen-18			Stable Isotope Hydrogen-2		
			$\delta^{18}\text{O}$ (V-SMOW)	Atm %	Expected Values	$\delta^{18}\text{O}$ (V-SMOW)	Atm %	Expected Values
11/7/2018	1811299-2	HW-I	-6.92	0.20	-	-40.41	0.01494	-
			-6.77	0.20	-	-40.17	0.01495	-
	1811299-4	HW-E	-6.79	0.20	-	-38.56	0.01497	-
			-6.85	0.20	-	-38.87	0.01497	-
	1811299-5	HW-F	-6.9	0.20	-	-38.28	0.01498	-
			-6.88	0.20	-	-38.15	0.01498	-
			-2.67	0.20	-	-18.65	0.01528	-
1811299-7	SW-2	-2.61	0.20	-	-20.42	0.01526	-	
					-23.04	0.01521	-	
12/3/2018	1812198-1	HW-G(S)	-6.74	0.20	-	-38.19	0.01498	-
			-6.93	0.20	-	-37.87	0.01498	-
	1812198-2	HW-G(M)	-7.53	0.20	-	-44.34	0.01498	-
			-7.57	0.20	-	-44.39	0.01498	-
	1812198-3	HW-G(D)	-7.18	0.20	-	-44.15	0.01489	-
			-7.45	0.20	-	-44.56	0.01488	-
	1812198-4	OW-9S	-7.29	0.20	-	-41.86	0.01492	-
			-7.41	0.20	-	-42.94	0.0149	-
	1812198-5	OW-9D	-7.76	0.20	-	-47.91	0.01483	-
			-7.71	0.20	-	-46.82	0.01484	-
	1812198-6	OW-9DD	-7.52	0.20	-	-45.58	0.01486	-
			-7.57	0.20	-	-45.48	0.01487	-
	1812198-7	OW-9M	-7.13	0.20	-	-41.44	0.01493	-
			-7.24	0.20	-	-43.40	0.0149	-
12/7/2018	1812232-1	OW-18S	-7.58	0.20	-	-49.29	0.01481	-
			-7.54	0.20	-	-49.66	0.0148	-
	1812232-2	OW-18M	-6.95	0.20	-	-42.64	0.01491	-
			-6.89	0.20	-	-42.57	0.01491	-
	1812232-3	OW-18D	-7.28	0.20	-	-44.76	0.01488	*
-7.36			0.20	-	-41.61	0.01493	*	
QA/QC	IAEA OH-14	-	-5.64	0.20	-5.6	-37.45	0.01499	-37.70
	IAEA OH-15	-	-9.59	0.20	-9.41	-77.89	0.01436	-78
	IAEA OH-16	-	-15.72	0.20	-15.41	-	-	-113.8
	Antarc IC	-	-29.83	0.19	-30	-	-	-239.69

Table 10. Fire Truck Spray Water PFAS Results ug/L

Sample ID	Fire Truck Spray Water Spray											
	Hose		Roof		Bumper		Officer Side Handline		Driver side-Rear		Officer side-Rear	
Sample Date	8/22/2019	11/12/2019	8/22/2019	11/12/2019	8/22/2019	11/12/2019	8/22/2019	11/12/2019	8/22/2019	11/12/2019	8/22/2019	11/12/2019
Perfluoroheptanoic acid (PFHpA)	0.073	<0.002	0.0045	<0.002	0.0039	<0.002	0.027	<0.002	0.0055	<0.002	0.081	0.0021
Perfluorohexanesulfonic acid (PFHxS)	0.0059	<0.002	0.0033	<0.002	0.0039	<0.002	0.004	<0.002	0.0048	<0.002	0.0043	<0.002
Perfluorononanoic acid (PFNA)	0.011	<0.002	0.0026	<0.002	0.0031	<0.002	0.013	<0.002	0.003	<0.002	0.016	<0.002
Perfluorooctanoic acid (PFOA)	0.088	0.0062	0.0087	<0.002	0.01	<0.002	0.039	<0.002	0.011	<0.002	0.076	0.0041
Perfluorooctane sulfonate (PFOS)	0.009	0.0021	0.0068	<0.002	0.006	<0.002	0.0087	<0.002	0.0093	<0.002	0.0086	<0.002
Perfluorodecanoic Acid (PFDA)	0.014	<0.002	0.004	<0.002	0.0045	<0.002	0.032	<0.002	0.0049	<0.002	0.032	<0.002
Total PFAS	5.7017	0.3391	0.9195	0.0205	0.7817	0.0167	4.1098	0.0481	0.8302	0.0087	5.4701	0.086
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	0.2009	0.0083	0.0299	<0.002	0.0314	<0.002	0.1237	<0.002	0.0385	<0.002	0.2179	0.0041

Notes:

< = Not detected by the laboratory above the reporting limit. Reporting limit shown.

Results in ug/L, micrograms per liter.

Bold results above proposed MassDEP GW-1 standard (0.02 ug/L)

Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U or <).

Table 11: Total Organic Carbon Levels (mg/kg)

Total Organic Carbon Concentration																	
Sample ID	HW-W dd 3-5 ft	HW-W dd 8-10 ft	HW-W dd 18-20 ft	HW-W dd 23-25 ft	HW-W dd 28-30 ft	HW-W dd 33-35 ft	HW-W dd 38-40 ft	HW-W dd 43-45 ft	HW-W dd 48-50 ft	HW-W dd 58-60 ft	HW-W dd 63-65 ft	S1 0-2ft	S1 2-4ft	S1 4-6ft	S2 0-2ft	S2 2-4ft	S2 4-6ft
Sample Date	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	04/06/2021	4/19/2021	4/19/2021	4/19/2021	4/19/2021	4/19/2021	4/19/2021
Sample Depth (ft below grade)	3-5	8-10	18-20	23-25	28-30	33-35	38-40	43-45	48-50	58-60	63-65	0-2	2-4	4-6	0-2	2-4	4-6
Sample Location	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Water Department Property	Deployment Area	Deployment Area	Deployment Area	Deployment Area	Deployment Area	Deployment Area
Total Organic Carbon	94.8 U	94.3 U	96.5 U	93.9 U	95.7 U	93.5 U	96.9 U	95.7 U	95.7 U	95.7 U	95.7 U	28,900	1,150	180	1,550	95.1 U	3,500

Notes:

Results in mg/kg, milligrams per kilogram.

U= Not detected by the Laboratory above the method detection limit. Method detection limit shown.

Table 12.Runway 6/24 Surface Soil Results ug/kg

Sample Location				Surface Soils					
Sample ID	Method 1 Standard		UCL	6-24 A (0-1)	6-24 A (1-2)	6-24 B (0-1)	6-24 B (1-2)	6-24 C (0-1)	6-24 C (1-2)
Sample Date	S-1/GW-1	S-1/GW-3		3/2/2022	3/2/2022	3/2/2022	3/2/2022	3/4/2022	3/4/2022
Perfluoroheptanoic acid (PFHpA)	0.5	300	4,000	<0.051	<0.046	0.068 J	<0.049	<0.055	0.079 J
Perfluorohexanesulfonic acid (PFHxS)	0.3	300	4,000	<0.068	<0.062	<0.064	<0.066	<0.074	<0.069
Perfluorooctanoic acid (PFOA)	0.72	300	4,000	<0.047	0.115 J	0.136 J	0.106 J	0.058 J	0.156 J
Perfluorononanoic acid (PFNA)	0.32	300	4,000	<0.085	<0.077	0.115 J	<0.082	<0.091	<0.085
Perfluorooctane sulfonate (PFOS)	2	300	4,000	0.318	0.361	0.471	0.196 J	0.654	0.297
Perfluorodecanoic Acid (PFDA)	0.3	300	4,000	<0.076	<0.069	<0.071	<0.073	<0.082	<0.076
6:2 Fluorotelomer sulfonate (6:2 FTS)	NA	NA	NA	<0.203	<0.184	<0.19	<0.197	<0.219	<0.203
Sum of Laboratory Reported PFAS (Total PFAS) and Sum of Six									
Total PFAS	NA	NA	NA	0.457	0.731	1.312	0.55	1.123	0.85
Sum of Six (PFHpA,PFHxS,PFOA, PFOS, PFNA, and PFDA)	NA	NA	NA	0.318	0.476	0.79	0.302	0.712	0.532

Notes:

< = Not detected by the laboratory above the reporting limit. Reporting limit shown.

J = Estimated concentration between the method detection limit and reporting limit.

Results in ug/kg, micrograms per kilogram.

U= Not detected by the Laboratory above the method detection limit. Method detection limit shown.

Bold results above the Method 1 S-1/GW-1 standard.

Total PFAS is the sum of all laboratory detected PFAS analytes including estimated values and does not include non-detects (U or <).

Sum of six includes estimated values and does not include non-detects (U or <).

UCL = Upper Concentration Limit

Sample depth in feet below grade in parenthesis