

**TABLE 3**  
 Summary of Groundwater Analytical Results: PFAS Data  
 Closed Durham Municipal landfill  
 April 27, 2017

Analyte/Method		Units	NHDES AGQS	Sample ID						
				MW-1U	MW-1L	MW-2	MW-3U	MW-3L	W-1	Field Blank
Date				04/17/17	04/17/17	04/17/17	04/17/17	04/17/17	04/17/17	04/17/17
<b>PFAS By Isotope Dilution (MWs/SWs)</b>										
<b>Cas No</b>										
375-73.5	Perfluorobutanesulfonate (PFBS)	ng/L	NS	4	7	< 3	7	7	10	< 3
375-22-4	Perfluorobutanoic acid (PFBA)	ng/L	NS	< 10	< 10	< 10	< 10	< 10	12	< 10
375-85-9	Perfluoroheptanoic acid (PFHPA)	ng/L	NS	4	< 2	3	10	7	12	< 2
375-46-4	Perfluorohexanesulfonate (PFHXS)	ng/L	NS	14	16	7	20	18	20	< 3
307-24.4	Perfluorohexanoic acid (PFHXA)	ng/L	NS	5	3	4	16	14	22	< 2
375-95-1	Perfluoronanoic acid (PFNA)	ng/L	NS	< 2	< 2	< 2	< 2	< 2	< 2	< 2
2706-90-3	Perfluoropentanoic acid (PFPEA)	ng/L	NS	8	4	6	17	15	22	< 2
1763-23-1	Perfluoro-octanesulfonic acid (PFOS)	ng/L	70	13	< 6	12	22	12	21	< 6
335-67-1	Perfluorooctanoic acid (PFOA)	ng/L	70	5	3	5	24	13	16	< 2
	Total PFOS + PFOA	ng/L	70	18	3	17	46	25	37	0
	Total PFAS	ng/L	NS	53	33	37	116	86	135	0

**Notes:**

- PFAS = Per- and Polyfluoroalkyl Substances
  - ng/L = Nanograms per liter (parts per trillion)
  - NS = No standard
  - AGQS = Ambient Groundwater Quality Standards, Env-Or 603.03 (eff. 6/1/15)
  - Bold** = Concentration exceeds NHDES AGQS or WQC
- Checked by: KMC 06-29-2017