

Data Summary Statistics

Site:	Castlefield Viaduct	Project No:	PC2387
Data Description:	Soil leachate EQS		
Land Use:	EQS	Completed By:	KD
Receptor:	Controlled Waters	Checked By:	PP

Assessment Criteria Key

- a) WFD inland surface waters 2015
- b) EQS Freshwater (older EQS values)
- c) M-BAT Tool

Contaminant	Units	Method Detection Limit	Assess- ment Criteria (AC)	Source (see key)	Summary Statistics							Sample Identifiers and Analytical Data										
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	HP101	HP102	HP103	HP104	HP105	HP106	HP107	HP108	HP109	HP110	HP Dup 1
												0.00-0.25 08/07/2021	0.00-0.30 08/07/2021	0.00-0.15 08/07/2021	0.00-0.30 08/07/2021	0.00-0.20 08/07/2021	0.00-0.30 08/07/2021	0.00-0.30 08/07/2021	0.00-0.30 08/07/2021	0.00-0.15 08/07/2021	0.00-0.10 08/07/2021	None Supplied 08/07/2021
pH	pH Units	N/A	6 to 9	a	11	11	7.7	8.1	7.95454545	0.11281521	0	7.7	7.9	8	8	7.9	8.1	7.9	7.9	7.9	8	8
Sulphate as SO4	mg/l	0.1	-		11	11	2.4	7.7	4.03636364	1.91011661	-	4.2	3	3.5	3	4.5	2.5	2.4	2.5	3.5	7.6	7.7
Ammoniacal Nitrogen as N	µg/l	15	200	a	11	4	15	42	21.0909091	10.4062918	0	34	35	< 15	< 15	< 15	< 15	< 15	42	< 15	16	< 15
Alkalinity as CaCO3	mg/l	3	-		11	11	56	110	79.5454545	17.0021389	-	86	56	69	110	77	81	66	77	110	72	71
			-																			
Phenol	µg/l	0.05	7.7	a	11	0	0.05	0.05	-	-	0	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,5-Trichlorophenol	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	µg/l	0.05	0.3	a	11	0	0.05	0.05	-	-	0	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	µg/l	0.05	50	a	11	0	0.05	0.05	-	-	0	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05	40	a	11	0	0.05	0.05	-	-	0	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
			-																			
Total Phenols (GC-MS)	µg/l	0.5	-		11	0	0.5	0.5	-	-	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
			-																			
Arsenic (dissolved)	µg/l	1	50	a	11	4	1	5.5	2.26363636	1.88481974	0	2.8	< 1.0	4.2	< 1.0	< 1.0	< 1.0	< 1.0	5.4	5.5	< 1.0	< 1.0
Barium (dissolved)	µg/l	0.05	-		11	11	45	180	104.272727	35.7101972	-	92	45	130	95	140	93	110	73	180	95	94
Beryllium (dissolved)	µg/l	0.2	-		11	5	0.2	0.4	0.27272727	0.0904534	-	< 0.2	< 0.2	0.4	< 0.2	0.4	0.3	< 0.2	< 0.2	< 0.2	< 0.2	0.3
Boron (dissolved)	µg/l	10	-		11	11	16	28	19.1818182	3.68288425	-	28	16	18	23	17	18	16	21	20	18	16
Cadmium (dissolved)	µg/l	0.08	0.08	a	11	0	0.08	0.08	-	-	0	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Chromium (hexavalent)	µg/l	5	3.4	a	11	0	5	5	-	-	11	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chromium (III)	µg/l	1	4.7	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chromium (dissolved)	µg/l	0.4	-		11	8	0.4	0.6	0.48181818	0.08738629	-	0.4	< 0.4	< 0.4	0.6	0.4	0.5	0.5	0.6	< 0.4	0.5	0.6
Copper (dissolved)	µg/l	0.7	17.1	c	11	11	5.2	24	11.5636364	6.15764122	2	24	20	6.8	8.2	6.7	5.2	11	17	7.2	9.1	12
Lead (dissolved)	µg/l	1	4.99	c	11	11	2.1	9.6	5.23636364	2.35723258	7	5.6	2.3	5.2	2.1	9.6	2.6	7.7	7	4.1	5.9	5.5
Mercury (dissolved)	µg/l	0.5	0.07	b	11	0	0.5	0.5	-	-	11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (dissolved)	µg/l	0.3	9.58	c	11	11	1.6	3.7	2.51818182	0.55103209	0	3.7	1.6	2.7	2.6	2.6	1.8	2.7	2.4	2.6	2.2	2.8
Selenium (dissolved)	µg/l	4	-		11	0	4	4	-	-	-	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Vanadium (dissolved)	µg/l	1.7	20	a	11	0	1.7	1.7	-	-	0	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Zinc (dissolved)	µg/l	0.4	24.66	c	11	11	3.4	28	7.14545455	7.13195115	1	28	6	3.8	4.3	3.4	3.4	3.8	8.5	3.7	6.8	6.9
			-																			
Benzene	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	74	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	20	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/l	1	30	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/l	1	30	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	10	-		11	0	10	10	-	-	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
			-																			
TPH-CWG - Aliphatic >C5 - C6	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C6 - C8	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C8 - C10	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C10 - C12	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C12 - C16	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C16 - C21	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C21 - C35	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (C5 - C35)	µg/l	10	-		11	0	10	10	-	-	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
			-																			
TPH-CWG - Aromatic >C5 - C7	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C7 - C8	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C8 - C10	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C10 - C12	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C12 - C16	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C16 - C21	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C21 - C35	µg/l	10	10	a	11	0	10	10	-	-	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (C5 - C35)	µg/l	10	-		11	0	10	10	-	-	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
			-																			
Chloromethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

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					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	HP101	HP102	HP103	HP104	HP105	HP106	HP107	HP108	HP109	HP110	HP Dup 1
												0.00-0.25 08/07/2021	0.00-0.30 08/07/2021	0.00-0.15 08/07/2021	0.00-0.30 08/07/2021	0.00-0.20 08/07/2021	0.00-0.30 08/07/2021	0.00-0.30 08/07/2021	0.00-0.30 08/07/2021	0.00-0.15 08/07/2021	0.00-0.10 08/07/2021	lone Supplier 08/07/2021
1,2-dichloroethane	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/l	1	12	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-dichloropropane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	74	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/l	1	400	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	1	10	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	20	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/l	1	30	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/l	1	50	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ter-Butylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-dichlorobenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
P-Isopropyltoluene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-dichlorobenzene	µg/l	1	20	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-dichlorobenzene	µg/l	1	20	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Butylbenzene	µg/l	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane																						

Data Summary Statistics

Site:	Castlefield Viaduct	Project No:	PC2387
Data Description:	Soil leachate EQS		
Land Use:	EQS	Completed By:	KD
Receptor:	Controlled Waters	Checked By:	PP

Assessment Criteria Key

- a) WFD inland surface waters 2015
b) EQS Freshwater (older EQS values)
c) M-BAT Tool

Contaminant	Units	Method Detection Limit	Assess- ment Criteria (AC)	Source (see key)	Summary Statistics							Sample Identifiers and Analytical Data										
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	HP101	HP102	HP103	HP104	HP105	HP106	HP107	HP108	HP109	HP110	HP Dup 1
												0.00-0.25	0.00-0.30	0.00-0.15	0.00-0.30	0.00-0.20	0.00-0.30	0.00-0.30	0.00-0.30	0.00-0.15	0.00-0.10	one Supplier
												08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	
2,6-Dinitrotoluene	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/l	0.01	-		11	0	0.01	0.02	-	-	-	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	-		11	0	0.03	0.24	-	-	-	0.07	0.07	0.10	0.05	0.12	0.07	0.08	0.05	0.24	0.04	0.03
2,4-Dinitrotoluene	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl phthalate	µg/l	0.05	200	a	11	0	0.05	0.05	-	-	0	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/l	0.01	-		11	0	0.02	0.1	-	-	-	0.08	0.07	0.07	0.05	0.06	0.05	0.06	0.05	0.10	0.03	0.02
Azobenzene	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	µg/l	0.02	0.05	a	11	0	0.02	0.02	-	-	0	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Phenanthrene	µg/l	0.01	-		11	0	0.01	0.46	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	0.09	< 0.01	< 0.01	< 0.01	0.46	< 0.01	< 0.01
Anthracene	µg/l	0.01	0.1	a	11	0	0.01	0.14	-	-	1	< 0.01	< 0.01	< 0.01	< 0.01	0.06	< 0.01	< 0.01	< 0.01	0.14	< 0.01	< 0.01
Carbazole	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibutyl phthalate	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthraquinone	µg/l	0.05	-		11	0	0.05	0.05	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	µg/l	0.01	0.0063	a	11	0	0.03	1.6	-	-	11	0.16	0.08	0.39	0.03	0.14	0.11	0.62	0.08	1.6	0.21	0.06
Pyrene	µg/l	0.01	-		11	0	0.03	1.8	-	-	-	0.16	0.07	0.40	0.03	0.16	0.12	0.72	0.08	1.8	0.20	0.08
Butyl benzyl phthalate	µg/l	0.05	7.5	a	11	0	0.05	0.05	-	-	0	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/l	0.01	-		11	0	0.01	0.58	-	-	-	0.07	0.04	0.13	< 0.01	0.11	0.05	0.27	< 0.01	0.58	0.09	0.07
Chrysene	µg/l	0.01	-		11	0	0.01	0.6	-	-	-	0.05	0.02	0.12	< 0.01	0.07	0.05	0.30	< 0.01	0.60	0.07	0.07
Benzo(b)fluoranthene	µg/l	0.01	-		11	0	0.01	0.89	-	-	-	0.05	< 0.01	0.12	< 0.01	0.11	0.05	0.34	< 0.01	0.89	0.11	0.09
Benzo(k)fluoranthene	µg/l	0.01	-		11	0	0.01	0.36	-	-	-	0.03	< 0.01	0.05	< 0.01	0.10	0.03	0.18	< 0.01	0.36	0.05	0.07
Benzo(a)pyrene	µg/l	0.01	0.00017	a	11	0	0.01	0.81	-	-	11	0.05	< 0.01	0.10	< 0.01	0.14	0.05	0.32	< 0.01	0.81	0.11	0.09
Indeno(1,2,3-cd)pyrene	µg/l	0.01	-		11	0	0.01	0.42	-	-	-	< 0.01	< 0.01	0.04	< 0.01	0.07	< 0.01	0.14	< 0.01	0.42	0.09	0.05
Dibenz(a,h)anthracene	µg/l	0.01	-		11	0	0.01	0.14	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	0.02	< 0.01	0.05	< 0.01	0.14	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	-		11	0	0.01	0.64	-	-	-	< 0.01	< 0.01	0.07	< 0.01	0.10	< 0.01	0.22	< 0.01	0.64	0.13	0.07
			-																			
Fluoranthene (low level)	µg/l	0.002	0.0063	a	11	0	0.03	1.6	-	-	11	0.16	0.080	0.39	0.030	0.14	0.11	0.62	0.080	1.6	0.21	0.060
Benzo(b)fluoranthene (low level)	µg/l	0.002	-		11	0	0.002	0.89	-	-	-	0.050	< 0.002	0.12	< 0.002	0.11	0.050	0.34	< 0.002	0.89	0.11	0.090
Benzo(k)fluoranthene (low level)	µg/l	0.002	-		11	0	0.002	0.36	-	-	-	0.030	< 0.002	0.050	< 0.002	0.10	0.030	0.18	< 0.002	0.36	0.050	0.070
Benzo(a)pyrene (low level)	µg/l	0.002	0.00017	a	11	0	0.002	0.81	-	-	11	0.050	< 0.002	0.10	< 0.002	0.14	0.050	0.32	< 0.002	0.81	0.11	0.090
Indeno(1,2,3-cd)pyrene (low level)	µg/l	0.002	-		11	0	0.002	0.42	-	-	-	< 0.002	< 0.002	0.040	< 0.002	0.070	< 0.002	0.14	< 0.002	0.42	0.090	0.050
Benzo(ghi)perylene (low level)	µg/l	0.002	-		11	0	0.002	0.64	-	-	-	< 0.002	< 0.002	0.070	< 0.002	0.10	< 0.002	0.22	< 0.002	0.64	0.13	0.070
Naphthalene (low level)	µg/l	0.002	2	a	11	0	0.002	0.002	-	-	0	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Acenaphthylene (low level)	µg/l	0.002	-		11	0	0.002	0.02	-	-	-	< 0.0020	< 0.0020	0.020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Acenaphthene (low level)	µg/l	0.002	-		11	0	0.03	0.24	-	-	-	0.070	0.070	0.10	0.050	0.12	0.070	0.080	0.050	0.24	0.040	0.030
Fluorene (low level)	µg/l	0.002	-		11	0	0.02	0.1	-	-	-	0.080	0.070	0.070	0.050	0.060	0.050	0.060	0.050	0.10	0.030	0.020
Phenanthrene (low level)	µg/l	0.002	-		11	0	0.002	0.46	-	-	-	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.090	< 0.0020	< 0.0020	< 0.0020	0.46	< 0.0020	< 0.0020
Antracene (low level)	µg/l	0.002	0.1	a	11	0	0.002	0.14	-	-	1	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.060	< 0.0020	< 0.0020	< 0.0020	0.14	< 0.0020	< 0.0020
Pyrene (low level)	µg/l	0.002	-		11	0	0.03	1.8	-	-	-	0.16	0.070	0.40	0.030	0.16	0.12	0.72				