PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
1,1,1,2-Tetrachloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1,1-Trichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1,2,2-Tetrachloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1,2-Trichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1-Dichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1-Dichloroethylene :- {1,1-Dichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1-Dichloropropylene :- {1,1-Dichloropropene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,3-Trichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,3-Trichloropropane ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
1,2,3-Trimethylbenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,4-Trichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,4-Trimethylbenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dibromo-3-chloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dibromoethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dichloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dimethylbenzene :- {o-Xylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3,5-Trichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
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1,3,5-Trimethylbenzene :- {Mesitylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3-Dichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3-Dichloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,4-Dichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
2,2-Dichloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
2-Chlorotoluene :- {1-Chloro-2-methylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
3-Chlorotoluene :- {3-Chloromethylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
4-Chlorotoluene :- {1-Chloro-4-methylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
4-Isopropyltoluene :- {4-methyl-Isopropylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Acenaphthene ug/l	< .01	< .01	0.0173	< .01	< .01	< .01	< .01	< .01	0.0177	< .01	< .01	0.0135	< .01	0.0137	0.0195	0.0313	0.0444	0.0113	0.0122	< .01	< .01	< .01	< .01
Acenaphthylene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acrylamide ug/l	< .05		< .008	< .008	< .008	< .008	< .008	< .008	< .05	< .008	< .05	< .15		< .1	< .1	< .05	< .008	< .008	< .05	< .05	< .05	< .05	< .05
Alkalinity to pH 4.5 as CaCO3 mg/l	141	125	135	134	139	129	92	149	87	150	95	138	169	151	168	123	151	140	148	150	120	96	83
Aluminium ug/l	646	1410	451	1130	379	1630	2330	2500	1350	660	1750	13600	2280	1180	1120	283	190	1040	83	69.2	595	978	9040
Aluminium, Dissolved ug/l	103	60.8	46.5	48	24.5	28.4	87.1	31.1	42.4	19.4	17.3	14.8	22.6	17.4	12.1	25.4	13.9	13	11.6	17.7	33.4	43	43.3
Ammoniacal Nitrogen as N mg/l	0.666	0.502	0.442	0.541	1.08	0.692	0.431	2.91	0.82	3.3	1.47	3.26	3.3	4.24	4.53	1.48	2.23	1.96	1.79	1.96	0.607	0.433	0.231
Anthracene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Antimony ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.15	< 1	1.2	< 1	< 1	< 1	< 1	< 1	< 1	1.05
Antimony, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.27	< 1	1.31	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic ug/l	1.06	1.26	< 1	1.48	1.33	1.9	2.42	2.59	2.88	1.96	3.27	21.1	3.4	2.55	2.79	2.02	1.76	2.85	1.8	1.38	< 1	1.17	3.3

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Arsenic, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.04	1.99	1.77	1.89	1.71	2.32	2.12	2.05	1.85	1.44	1.49	1.84	1.34	< 1	< 1	< 1
Barium ug/l	47.4	37.9	35.8	40.5	35.9	49.5	43.1	65	38.7	40.3	49	245	56	42.1	42.9	30.1	35.9	48.9	31.3	31.6	52.3	44.1	147
Barium, Dissolved ug/l	37.2	27.5	33	27.3	28.3	25.7	23	29.9	25.1	24	18.9	17.4	19.8	26.5	23.4	26.1	30.9	28.6	25.8	28.8	44	37.7	29.8
Benzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Benzo(a)Anthracene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(a)Pyrene ug/l	< .01	< .01	< .01	< .01	0.0154	< .01	< .01	< .01	< .01	< .01	< .01	< .01	0.0114	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(b)Fluoranthene ug/l	< .01	0.0113	< .01	0.0111	0.0352	< .01	< .01	< .01	0.0104	< .01	< .01	< .01	0.0215	< .01		< .01	< .01	< .01	< .01	< .01	< .01	0.0117	0.013
BenzoIPyrene ug/l	< .01	< .01	< .01	< .01	0.0202	< .01	< .01	< .01	< .01	< .01	< .01	< .01	0.0134	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(g,h,i)Perylene ug/l	< .01	< .01	< .01	< .01	0.023	< .01	< .01	< .01	< .01	< .01	< .01	< .01	0.0109	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(k)Fluoranthene ug/l	< .01	< .01	< .01	< .01	0.0115	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Beryllium ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BOD : 5 Day ATU mg/l	3.42	2.04	2.77	1.8	3.69	2.37	3.42	3	3.11	3.56	6.21	3.84	5.62	3.5	1.2	4.77	3.09	3.59	3.54	3.61	1.49	2.4	< 2.75
Boron ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Boron, Dissolved ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Bromochloromethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Bromodichloromethane ug/l	0.59	0.3	0.54	0.32	0.92	0.73	< .1	0.47	3.21	0.53	1.67	0.26	0.18	0.26	0.25	0.2	0.18	0.39	0.3	0.21	0.14	0.11	< .1
Bromoform :- {Tribromomethane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	0.13	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Cadmium ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	0.112	< .1	< .1	< .1	0.615	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	0.482

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Cadmium, Dissolved ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Calcium mg/l	54.7	45.7	50.4	49.1	54.7	47	37.4	52.8	35	52.8	39	53.5	56.5	54.8	57.6	47.3	66.8	59.9	59.2	60.8	60.6	55.9	47.5
Calcium, Dissolved mg/l	53.4	45.4	50.6	49.2	52.8	46.3	36.8	49.3	35	53.7	38.8	48.4	51.4	55.7	58.3	48.3	66.3	59.3	60	61	60.8	56.4	44.3
Carbon Disulphide ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Carbon tetrachloride :- {Tetrachloromethane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Chemical Oxygen Demand :- {COD} mg/l	39	40	25	74	49	62	63	84	57	36	68	56	69	44	43	39	27	51	23	30	51	46	76
Chloride mg/l	132	50.1	64.9	64.1	117	47.1	43.2	40.7	31	48.1	34.4	50.9	30.8	50.4	32.2	36.8	45.3	35.6	36.8	38.6	42.3	46.6	35.7
Chlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Chlorodibromomethane ug/l	0.27	< .1	0.25	0.16	0.48	0.41	< .1	0.27	1.6	0.42	1.07	0.22	0.26	0.26	0.27	0.26	0.23	0.45	0.32	0.33	0.11	< .1	< .1
Chloroform :- {Trichloromethane} ug/l	1.3	0.7	1.13	0.65	1.78	1.36	0.21	1.01	5.54	1.19	3.26	0.64	0.31	0.45	0.41	0.33	0.27	0.51	0.44	0.36	0.27	0.26	0.12
Chloromethane :- {Methyl Chloride} ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
Chromium ug/l	1.68	2.44	2.13	2.95	1.7	3.66	4.62	5.38	2.8	1.59	4.17	27.2	4.8	3.07	2.8	1.01	2.02	2.85	< .5	< .5	1.42	2.01	21.1
Chromium, Dissolved ug/l	0.832	0.575	< .5	< .5	< .5	< .5	0.641	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	0.579	0.698
Chrysene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
cis-1,2-Dichloroethylene :- {cis-1,2-Dichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
cis-1,3-Dichloropropylene :- {cis-1,3-Dichloropropene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Cobalt ug/l	< 1	< 1	< 1	1.17	< 1	1.54	1.32	2.33	1.09	1.2	1.59	10.2	1.75	1.05	1.2	< 1	< 1	1.26	< 1	< 1	< 1	< 1	7.09
Cobalt, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Conductivity at 20 C uS/cm	688	404	477	470	669	425	336	451	338	499	384	504	1120	561	538	448	561	512	521	530	475	469	382
Conductivity at 25 C uS/cm	768	451	532	524	747	474	375	503	377	557	429	563	1250	626	600	500	626	571	582	592	530	523	426

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Copper ug/l	6.95	6	7.11	7.12	3.91	8.12	10.4	10.8	7.26	5.09	9.29	53	10.3	12.2	8.23	6.54	65.2	7.38	3.03	4.75	6.97	7.13	43.7
Copper, Dissolved ug/l	3.48	3.87	4.53	3.33	2.11	2.27	6.09	2.68	3.06	2.39	1.82	1.84	3.98	5.25	1.56	4.25	29	1.77	2.21	3.45	3.95	5.32	6.88
Dibenzo(a,h)Anthracene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Dibromomethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Dichloromethane :- {Methylene Dichloride} ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
Dimethylbenzene : Sum of isomers (1,3- 1,4-) ug/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2
Equiv.Carbon No >5-44 : (TPH) : Screen mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .2	< .2			
Equiv.Carbon No >10-12 mg/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01			< .02	0.02		< .02	< .01
Equiv.Carbon No >10-16 mg/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1			< .02	0.03		0.11	< .01
Equiv.Carbon No >10-20 mg/l	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05			0.03	0.06		0.03	0.02
Equiv.Carbon No >10-24 mg/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1			0.04	0.07		0.06	0.03
Equiv.Carbon No >10-25 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			< .02	0.07		0.05	0.04
Equiv.Carbon No >10-35 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			< .02	0.08		0.14	0.07
Equiv.Carbon No >10-40 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			< .02	0.08		0.1	0.07
Equiv.Carbon No >10-44 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			0.08	0.08		0.16	0.07
Equiv.Carbon No >12-16 mg/l	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02			< .02	0.01		< .02	< .01
Equiv.Carbon No >16-21 mg/l	< .02	< .02	< .02	< .02	0.0304	< .02	0.0362	< .02	< .02	< .02	< .02	0.0341	0.0466	< .02	< .02	< .02			0.02	0.03		0.03	< .01
Equiv.Carbon No >16-24 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			< .02	0.04		0.05	0.04
Equiv.Carbon No >16-35 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			0.06	0.05		0.13	0.07
Equiv.Carbon No >20-30 mg/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1			< .02	0.02		0.04	0.04

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Equiv.Carbon No >20-40 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			< .02	0.02		0.07	0.05
Equiv.Carbon No >20-44 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2			0.05	0.02		0.07	0.05
Equiv.Carbon No >21-35 mg/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1			0.04	0.02		0.1	0.05
Equiv.Carbon No >24-40 mg/l	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09			< .02	0.02		0.09	0.04
Equiv.Carbon No >24-44 mg/l	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08			0.05	0.02		0.09	0.04
Equiv.Carbon No >25-40 mg/l	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07			< .02	< .01		0.05	0.03
Equiv.Carbon No >30-40 mg/l	< .04	< .04	< .04	0.0431	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04			< .02	< .01		0.03	< .01
Equiv.Carbon No >35-40 mg/l	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03			< .02	< .01		< .02	< .01
Equiv.Carbon No >35-44 mg/l	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04			< .02	< .01		0.02	< .01
Equiv.Carbon No >5-10 mg/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3						< .01	< .01
Equiv.Carbon No >5-40 mg/l	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4						< .01	< .01
Equiv.Carbon No >5-44 mg/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5						< .01	< .01
Equiv.Carbon No >5-8 mg/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3						< .01	< .01
Equiv.Carbon No >6-10 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2						< .01	< .01
Equiv.Carbon No >6-40 mg/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3						< .01	< .01
Equiv.Carbon No >6-44 mg/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3						< .01	< .01
Equiv.Carbon No >6-8 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2						< .01	< .01
Equiv.Carbon No >8-10 mg/l	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02						< .01	< .01
Ethyl tert-butyl ether :- {ETBE} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Ethylbenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Fluoranthene ug/l	< .01	0.0208	0.0162	0.0175	0.0121	< .01	0.011	0.0103	0.0479	0.0136	0.0203	0.0172	0.02	0.0166	0.0371	0.0258	0.0259	0.0126	0.0119	< .01	< .01	0.0115	< .01
Fluorene ug/l	< .01	< .01	0.0152	< .01	< .01	< .01	< .01	< .01	0.0115	< .01	< .01	< .01	< .01		0.016	0.0204	0.0228	< .01	< .01	< .01	< .01	< .01	< .01
Hexachlorobutadiene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Hexachloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Indeno(1,2,3-cd)pyrene ug/l	< .01	0.0101	< .01	< .01	0.0279	< .01	< .01	< .01	< .01	< .01	< .01	< .01	0.0158	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	0.0102	0.0126
Iron ug/l	1560	1760	1090	2250	1250	3400	3030	4920	3920	2740	3790	29500	4360	2010	2370	581	525	2070	368	387	967	1170	14800
Iron, Dissolved ug/l	605	367	360	407	367	299	359	458	1690	834	329	424	163	145	225	170	113	114	68.3	133	133	162	105
Isopropylbenzene :- {Methylethylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Lead ug/l	2.48	2.6	< 2	4.95	2.04	9.18	8.44	12.1	8.52	3.61	9.96	72.5	11.3	4.82	7.42	2.38	< 2	6.63	< 2	< 2	2.71	3.32	54.3
Lead, Dissolved ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2.69	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Lithium ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Lithium, Dissolved ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Magnesium mg/l	9.19	7.72	8.63	8.15	9.82	8.97	5.73	10.3	7.05	10.1	7.99	15.1	13.8	9.94	13.2	7.71	11.5	12	11.7	11.8	9.35	8.01	9.61
Magnesium, Dissolved mg/l	8.65	6.84	8.36	7.66	9.66	8.48	4.82	9.24	6.56	9.93	7.18	10.5	12.5	9.58	12.7	7.75	11.4	11.6	11.7	11.8	9.1	7.68	5.57
Manganese ug/l	280	161	210	245	304	281	128	402	170	612	355	1290	326	256	343	154	141	522	117	194	165	100	945
Manganese, Dissolved ug/l	252	138	200	217	285	218	77.8	313	135	583	258	497	255	167	222	139	124	203	87.8	189	110	89.3	38.7
Mercury ug/l	< .01	< .01	< .01	0.0163	0.0118	0.0111	0.0333	0.0214	< .01	0.0114	0.0121	0.197	0.0203	0.0112	0.0111	< .01	< .01	0.0118	< .01	< .01	< .01	< .01	0.0204
Mercury, Dissolved ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Methane as CH4 mg/l	< .5	< .5	< .5	0.0147	< .01	0.0288	0.0129	0.0123	< .01	0.0444	0.0211	0.0388	< .01	0.0153	< .01	0.011	0.0384	0.0134	0.0226	0.0257	< .01	< .01	< .01
Molybdenum ug/l	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Molybdenum, Dissolved ug/l	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
MTBE :- {Methyl tert-butyl ether} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Naphthalene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
n-ButylBenzene :- {1-Phenylbutane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Nickel ug/l	3.83	3.74	2.79	4.14	2.14	4.87	4.44	6.54	3.85	3.23	5.08	28	4.89	4.29	3.3	1.71	4	3.41	2.05	1.91	2.65	3.23	20.7
Nickel, Dissolved ug/l	2.56	2.28	2.21	2.11	1.53	1.54	2.08	2.3	2.37	2.29	1.56	2.08	< 1	1.99	1.11	1.26	2.88	1.8	1.89	1.74	2.04	2.14	2.13
Nitrite as N mg/l	0.025	0.0187	0.0131	0.0201	0.0272	0.0215	0.0292	0.0642	0.0238	0.0969	0.0419	0.114	0.101	0.201	0.135	0.143	0.182	0.0932	0.162	0.173	0.0957	0.0554	0.0419
Nitrogen, Total Oxidised as N mg/l	2.4	2.55	2.26	2.02	1.86	2.33	2.89	3.47	1.34	3.71	1.07	1.16	3.13	3.07	2.45	3.42	1.68	1.5	2.41	2.21	7.68	10.1	8.74
n-Propylbenzene :- {1-Phenylpropane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Oil and Grease mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	1.1			< .2	< .2	< .2
Oil Type : Qualitative	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Orthophosphate, reactive as P mg/l	0.408	0.32	0.342	0.196	0.479	0.546	0.099	0.373	1.11	0.978	1.22	0.684	1.61	1.24	2.49	1.21	0.992	0.93	1.3	0.863	0.32	0.185	0.176
Perylene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
pH pH units	6.98	6.97	7.01	7.22	7.28	7.31	7.19	7.2	7.33	7.3	7.17	7.33	7.57	7.71	7.54	7.56	7.66	7.39	7.4	8.04	7.05	7.12	7.11
Phenanthrene ug/l	< .01	0.0346	0.0456	0.0122	0.0117	< .01	0.0121	0.0114	0.0358	0.0121	< .01	0.0204	0.0249	0.0206	0.043	0.0388	0.0352	0.014	0.0116	< .01	< .01	< .01	< .01
Potassium mg/l	5.07	4.79	4.11	4.6	4.83	3.99	4.06	4.68	3.56	5.29	3.13	4.99	5.61	7.58	6.01	7.28	6.87	5.12	5.81	5.46	5.19	5.04	6.32
Potassium, Dissolved mg/l	5.02	4.74	4.02	4.47	4.61	3.91	3.79	4.42	3.38	5.17	2.99	4.65	5.62	7.64	5.98	7.33	6.81	5.13	5.79	5.52	5.19	4.89	5.6
Pyrene ug/l	< .01	0.0158	0.0126		< .01	< .01	< .01	< .01	0.0319	< .01	0.0124	0.0127	0.0158	0.0116	0.0246	0.0184	0.0174	< .01	< .01	< .01	< .01	< .01	< .01
sec-Butylbenzene :- {1-Methylpropylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Selenium ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Selenium, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Silica, reactive as SiO2 mg/l	7.38	6.77	6.84	6.54	6.62	6.66	4.97	6.59	4.6	7.77	5.71	6.5	10.1	9.47	9.09	8.75	9.49	8.72	9.24	8.94	8.04	7.6	8.12
Silver ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Silver, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium mg/l	84	29.8	40.5	40.9	75.1	32.2	27.4	30.1	27.1	35.8	32.8	28.7	41.7	46.3	36.5	35.5	39.5	32.8	36.2	36.5	27.7	28.6	20.4
Sodium, Dissolved mg/l	85.5	29.7	40.7	42.1	73.1	33	27.1	28.9	27.6	36.4	33.6	44.3	40.5	47.5	37.8	37	39.5	33.4	36.4	37.1	27	28.4	21.2
Solids, Dissolved at 105 C mg/l	433	280	307	319	413	290	237	312	238	333	272	317	398	382	404	340	390	430	426	383	348	370	293
Solids, Suspended at 105 C mg/l	18.1	< 3	13.8	68.8	34	81.2	74.2	113	58	45.3	9.13	97.9	88.6	46.4	59.2	12.9	13.1	53.5	7.15	< 3	12.8	26.7	113
Solids, Total Dissolved at 180 C: {TDS} mg/l	411	264	304	282	390	274	225	297	226	321	247	310	337	333	374	261	345	398	418	302	295	314	230
Strontium ug/l	125	101	108	105	128	106	83.5	120	99	126	96.2	150	160	164	177	146	202	165	170	161	134	119	102
Strontium, Filtered ug/l	120	91.9	106	101	123	105	79.9	115	96.3	124	91.8	117	155	163	170	144	200	166	169	161	133	118	90.3
Styrene :- {Vinylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Sulphate as SO4 mg/l	26.8	19.8	23.3	20.4	41.9	31.8	14.8	27.4	42.6	41.9	65.8	53.8	84.9	65.4	73.9	50.3	91.9	83	82.3	81.9	52.9	41.3	27.8
Sulphate, Dissolved as SO4 ug/l	26.4	18.5	22.7	20	41.4	31.6	14.5	27.8	42.8	42.6	65.4	56.1	83	66	73.8	51.3	92	83.6	82.3	81.8	53.3	41.5	27
tert-Amyl methyl ether :- {TAME} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
tert-Butylbenzene :- {(1,1-Dimethylethyl)benzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Tetrachloroethylene :- {Perchloroethylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Tin ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Tin, Dissolved ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Titanium ug/l	9.18	16	7.32	12.6	8.09	17.5	15.8	27.6	16.1	10.4	20.1	43.5	23	22.2	24	5.16	4.72	16	4.04	3.39	8.44	10.1	31.6

PRESTON NEW ROAD - CARR BRIDGE BROOK UPSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	16/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Titanium, Filtered ug/l	2.79	2.34	< 2	2.17	2.01	< 2	4.1	< 2	2.14	< 2	< 2	< 2	< 2	2.09	< 2	< 2	< 2	< 2	< 2	< 2	2.31	3.7	< 2
Toluene :- {Methylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	0.11	< .1	< .1	0.11	< .1	< .1	< .1
trans-1,2-Dichloroethylene :- {trans-1,2-Dichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
trans-1,3-Dichloropropylene :- {trans-1,3-Dichloropropene} ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
Trichloroethylene :- {Trichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Trichlorofluoromethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Turbidity NTU	17.1	45.9	17	65.4	29.2	72.8	93	123	54.3	38.6	75.4	76.5	7.2	46.9	48.9	14.4	4.9	24.5	5.1	2.1	13.9	34.1	90.5
Vanadium ug/l	< 2	2.64	< 2	2.6	< 2	3.6	4.2	5.04	4.77	< 2	3.75	20.9	4.86	3.4	3.16	2.12	< 2	2.82	< 2	< 2	< 2	2.68	17.2
Vanadium, Dissolved ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2.32	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Vinyl chloride :- {Chloroethylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Zinc ug/l	34.5	19.6	20.8	20.8	11.6	25.6	26.2	38	20.2	13.6	41.3	211	42.5	25.4	23.7	15.3	37.3	25.4	9.23	16.5	16.7	13.5	169
Zinc, Dissolved ug/l	173	8.04	16.8	5.71	6.03	< 5	6.1	6.69	5.17	< 5	9.04	17.9	14.1	7.35	< 5	7.63	21.1	5.84	5.69	14	7.92	7.16	9.02

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
1,1,1,2-Tetrachloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1,1-Trichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1,2,2-Tetrachloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1,2-Trichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1-Dichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1-Dichloroethylene :- {1,1-Dichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,1-Dichloropropylene :- {1,1-Dichloropropene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,3-Trichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,3-Trichloropropane ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
1,2,3-Trimethylbenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,4-Trichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2,4-Trimethylbenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dibromo-3-chloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dibromoethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dichloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
1,2-Dichloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,2-Dimethylbenzene :- {o-Xylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3,5-Trichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3,5-Trimethylbenzene :- {Mesitylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3-Dichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,3-Dichloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
1,4-Dichlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
2,2-Dichloropropane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
2-Chlorotoluene :- {1-Chloro-2-methylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
3-Chlorotoluene :- {3-Chloromethylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
4-Chlorotoluene :- {1-Chloro-4-methylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
4-Isopropyltoluene :- {4-methyl-Isopropylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Acenaphthene ug/l	< .01	0.0162	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acenaphthylene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Acrylamide ug/l	< .008		< .008	< .008	< .008	< .008	< .008	< .008		< .008	< .05	< .05	< .008	< .05	< .05	< .008	< .008	< .008	< .05	< .05	< .05	< .05	< .05
Alkalinity to pH 4.5 as CaCO3 mg/l	217	187	213	201	259	239	156	183	256	282	265		300	261	289	55	264	271	286	262	205	176	125
Aluminium ug/l	264	773	273	380	231	364	1030	235	141	134	125	102	137	194	91.8	81.5	56.6	806	61.4	112	155	282	565
Aluminium, Dissolved ug/l	102	103	104	83.5	52.2	71.8	169	48.5	49	33.4	24.2	25.6	37.5	32.3	29.9	25.8	25.3	36.1	28.6	46.9	53.1	49.1	95.7
Ammoniacal Nitrogen as N mg/l	0.254	0.219	0.308	.279	.384	.302	0.313	0.227	0.18	0.204	0.182		0.158	0.161	< .03	< .03	0.152	0.067	0.093	0.099	0.082	0.067	0.085
Anthracene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Antimony ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Antimony, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic ug/l	1.63	1.69	1.55	1.19	1.59	1.34	1.86	1.72	1.75	1.55	2.14	1.67	1.79	1.95	1.76	1.94	1.66	2.34	1.47	1.46	1.2	1.34	1.13
Arsenic, Dissolved ug/l	1.43	1.27	1.33	1.17	1.23	1.06	1.07	1.47	1.47	1.38	1.97	1.52	1.71	1.94	1.61	1.78	1.54	1.47	1.6	1.31	< 1	< 1	< 1
Barium ug/l	54.8	57.1	52.5	50.7	59.2	56.1	47.7	47.8	56.4	59.3	54.7	57.1	62.9	56.5	62.6	61.8	61.7	79.1	64.2	67.2	69.8	71	64.9
Barium, Dissolved ug/l	51.3	46.3	49.4	46.3	54.3	52.6	39.4	43.5	53.9	56.5	51.1	54.1	60.5	53.5	57.8	60	61.3	64.5	62.4	64.8	69.3	68.2	60.9
Benzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Benzo(a)Anthracene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(a)Pyrene ug/l	< .01	0.0104	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(b)Fluoranthene ug/l	< .01	0.018	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(e)Pyrene ug/l	< .01	0.011	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(g,h,i)Perylene ug/l	< .01	0.0132	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Benzo(k)Fluoranthene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Beryllium ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
BOD : 5 Day ATU mg/l	1.18	< 1.83	1.55	1.33	3.77	1.23	2.42	1.94	1.67	1.13	1.12		3.79	1.28	1.2	1.32	1.83	< 1	2.58	2.12	1.66	< 1	< 1
Boron ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Boron, Dissolved ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Bromochloromethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Bromodichloromethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	1.34	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Bromoform :- {Tribromomethane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Cadmium ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Cadmium, Dissolved ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Calcium mg/l	86.1	72.2	79.3	72.4	93.1	89.3	59.6	72.6	94	105	94.6	102	107	93.8	106	109	109	109	107	111	106	98	77.7
Calcium, Dissolved mg/l	81.1	72	79.4	76.9	90.7	89.5	59	70.9	94.2	102	94	102	104	96.2	110	110	108	109	107	110	103	99.1	78.2
Carbon Disulphide ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Carbon tetrachloride :- {Tetrachloromethane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Chemical Oxygen Demand :- {COD} mg/l	33	43	33	48	42	41	63	29	14	15	19		13	21	< 10	12	17	50	13	22	32	36	48
Chloride mg/l	49.4	105	71	51.3	111	48.7	44.9	34.7	48.2	48.6	44.4		48.4	50.2	47.1	11.6	48.9	46	48.2	45.8	46	47.8	37.4
Chlorobenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Chlorodibromomethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	0.75	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Chloroform :- {Trichloromethane} ug/l	< .1	< .1	< .1	< .1	.1	< .1	< .1	2.45	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Chloromethane :- {Methyl Chloride} ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
Chromium ug/l	0.87	2.87	0.77	1.68	.939	.853	2.17	0.84	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	1.47	< .5	< .5	< .5	0.786	1.22
Chromium, Dissolved ug/l	0.553	0.748	< .5	< .5	< .5	< .5	0.655	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	0.615
Chrysene ug/l	< .01	0.011	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
cis-1,2-Dichloroethylene :- {cis-1,2-Dichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
cis-1,3-Dichloropropylene :- {cis-1,3-Dichloropropene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Cobalt ug/l	< 1	1.05	< 1	< 1	< 1	< 1	1.07	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.45	< 1	< 1	< 1	< 1	1.06
Cobalt, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Conductivity at 20 C uS/cm	613	694	647	575	858	653	473	546	689	743	707		770	725	767	766	774	777	775	780	726	696	568
Conductivity at 25 C uS/cm	684	775	722	642	958	729	528	609	769	829	789		859	809	856	855	864	867	865	871	810	777	634

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Copper ug/l	3.09	6.59	4.13	5.32	3.97	2.2	6.91	2.19	1.59	1.13	1.06	2.73	1.69	1.79	< 1	1.07	12	3.52	1.46	1.97	3.85	4.89	7.16
Copper, Dissolved ug/l	2.3	3.87	2.82	3.25	2.66	2.08	4.56	1.51	< 1	1.65	1	2.25	< 1	2.02	< 1	< 1	10.1	< 1	1.34	1.83	2.73	4.12	6.23
Dibenzo(a,h)Anthracene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Dibromomethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Dichloromethane :- {Methylene Dichloride} ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5
Dimethylbenzene : Sum of isomers (1,3- 1,4-) ug/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2
Equiv.Carbon No >5-44 : (TPH) : Screen mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .2	< .2			
Equiv.Carbon No >10-12 mg/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .02	< .01	< .01	< .01	< .01
Equiv.Carbon No >10-16 mg/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1		< .01	< .02	< .01	0.02	0.18	< .01
Equiv.Carbon No >10-20 mg/l	< .05	< .05	< .05	.102	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05	< .05		< .01	0.01	< .01	0.04	0.07	0.02
Equiv.Carbon No >10-24 mg/l	< .1	< .1	< .1	.548	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1		< .01	0.01	< .01	0.07	0.1	0.03
Equiv.Carbon No >10-25 mg/l	< .2	< .2	< .2	.741	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	< .02	< .01	0.07	0.12	0.03
Equiv.Carbon No >10-35 mg/l	< .2	< .2	< .2	2.62	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	< .02	< .01	0.17	0.35	0.05
Equiv.Carbon No >10-40 mg/l	< .2	< .2	< .2	3.04	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	< .02	< .01	0.21	0.2	0.05
Equiv.Carbon No >10-44 mg/l	< .2	< .2	< .2	3.26	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	0.04	< .01	0.25	0.3	0.05
Equiv.Carbon No >12-16 mg/l	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02		< .01	< .02	< .01	0.01	0.02	< .01
Equiv.Carbon No >16-21 mg/l	< .02	< .02	< .02	.17	.0272	< .02	0.0362	< .02	< .02	< .02	< .02	0.0352	0.0377	< .02	< .02	< .02		< .01	< .02	< .01	0.03	0.06	0.02
Equiv.Carbon No >16-24 mg/l	< .2	< .2	< .2	.547	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	< .02	< .01	0.05	0.08	0.03
Equiv.Carbon No >16-35 mg/l	< .2	< .2	< .2	2.62	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	0.03	< .01	0.16	0.17	0.05
Equiv.Carbon No >20-30 mg/l	< .1	< .1	< .1	1.77	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1		< .01	< .02	< .01	0.09	0.08	0.03
Equiv.Carbon No >20-40 mg/l	< .2	< .2	< .2	2.94	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	< .02	< .01	0.18	0.13	0.03

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
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Equiv.Carbon No >20-44 mg/l	< .2	< .2	< .2	3.16	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2		< .01	0.02	< .01	0.21	0.13	0.03
Equiv.Carbon No >21-35 mg/l	< .1	< .1	< .1	2.45	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1		< .01	0.02	< .01	0.13	0.11	0.03
Equiv.Carbon No >24-40 mg/l	< .09	< .09	< .09	2.5	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09	< .09		< .01	< .02	< .01	0.14	0.1	0.02
Equiv.Carbon No >24-44 mg/l	< .08	< .08	< .08	2.71	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08	< .08		< .01	0.02	< .01	0.17	0.1	0.02
Equiv.Carbon No >25-40 mg/l	< .07	< .07	< .07	2.3	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07	< .07		< .01	< .02	< .01	0.13	0.08	0.02
Equiv.Carbon No >30-40 mg/l	< .04	< .04	< .04	1.17	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04		< .01	< .02	< .01	0.08	0.05	< .01
Equiv.Carbon No >35-40 mg/l	< .03	< .03	< .03	.427	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03	< .03		< .01	< .02	< .01	0.04	0.02	< .01
Equiv.Carbon No >35-44 mg/l	< .04	< .04	< .04	.642	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04	< .04		< .01	< .02	< .01	0.06	0.02	< .01
Equiv.Carbon No >5-10 mg/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3					< .01	< .01	< .01
Equiv.Carbon No >5-40 mg/l	< .4	< .4	< .4	3.05	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4	< .4					0.21	< .01	0.09
Equiv.Carbon No >5-44 mg/l	< .5	< .5	< .5	3.27	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5					0.24	< .01	0.09
Equiv.Carbon No >5-8 mg/l	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3					< .01	< .01	< .01
Equiv.Carbon No >6-10 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2					< .01	< .01	< .01
Equiv.Carbon No >6-40 mg/l	< .3	< .3	< .3	3.05	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3					0.21	< .01	0.09
Equiv.Carbon No >6-44 mg/l	< .3	< .3	< .3	3.27	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3	< .3					0.24	< .01	0.09
Equiv.Carbon No >6-8 mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2					< .01	< .01	< .01
Equiv.Carbon No >8-10 mg/l	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02	< .02					< .01	< .01	< .01
Ethyl tert-butyl ether :- {ETBE} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Ethylbenzene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Fluoranthene ug/l	< .01	0.0391	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Fluorene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01		< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Hexachlorobutadiene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Hexachloroethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Indeno(1,2,3-cd)pyrene ug/l	< .01	0.0151	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Iron ug/l	801	1320	863	1090	886	1080	1550	847	736	603	439	345	364	319	203	207	134	1810	160	266	297	418	569
Iron, Dissolved ug/l	478	426	510	445	317	373	483	296	282	192	137	88.4	48.6	66.9	44.2	53.7	50.8	72.6	50	90.5	97.9	120	127
Isopropylbenzene :- {Methylethylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Lead ug/l	< 2	< 2	< 2	< 2	< 2	< 2	2.86	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2.76	< 2	< 2	< 2	< 2	< 2
Lead, Dissolved ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Lithium ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Lithium, Dissolved ug/l	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Magnesium mg/l	18.6	14.3	17.2	15.4	22.6	21.5	11.6	17.1	24.2	27.8	25.9	29	31.2	25.7	30.5	31	28.8	29.1	29.2	28.6	21.7	18.4	12.9
Magnesium, Dissolved mg/l	18	13.4	16.9	15.3	22.4	21.5	11.2	17.2	24.2	27.5	25.5	28.8	30.5	26	31.2	31.3	29	28.8	28.9	28.1	21.7	18.1	12.7
Manganese ug/l	166	134	159	150	278	279	152	182	187	223	167	115	76.2	53	50.4	41.9	33.9	311	63.2	127	104	94.7	85.8
Manganese, Dissolved ug/l	159	113	154	134	253	268	128	169	183	225	152	97.9	49.7	43.2	39.9	34.4	30.1	92.2	57.6	118	95.4	83.3	78.9
Mercury ug/l	< .01	< .01	< .01	< .01	< .01	< .01	0.0111	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Mercury, Dissolved ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Methane as CH4 mg/l	< .5	< .5	< .5	.0124	< .01	.0155	< .01	0.0116	< .01	0.0103	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Molybdenum ug/l	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	3.56	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Molybdenum, Dissolved ug/l	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
MTBE :- {Methyl tert-butyl ether} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Naphthalene ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
n-ButylBenzene :- {1-Phenylbutane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Nickel ug/l	3.49	4.97	2.94	3.75	2.43	2.69	3.81	2.15	1.8	2.38	1.99	2.74	< 1	1.98	< 1	< 1	1.73	2.79	1.69	1.95	2.2	2.61	4.55
Nickel, Dissolved ug/l	3.23	3.5	2.98	2.77	1.86	1.85	2.85	1.87	2.84	2.43	1.32	1.15	< 1	2.12	< 1	< 1	1.6	1.74	1.64	1.6	2.65	2.44	3.33
Nitrite as N mg/l	0.0278	0.0237	0.0226	.0286	.0365	.0252	0.0375	0.0234	0.0264	0.038	0.0769		0.0225	0.0686	0.0157	0.0046	0.0186	0.0259	0.0155	0.0226	0.0305	0.0389	0.037
Nitrogen, Total Oxidised as N mg/l	2.72	3.09	2.59	2.27	2.04	2.24	3.32	1.64	2	2.23	2.15		2.25	2.33	2.02	0.89	1.81	2.13	1.97	2.37	8.14	12.7	14
n-Propylbenzene :- {1-Phenylpropane} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Oil and Grease mg/l	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	< .2	5.72	< .2	< .2	< .2	< .2	0.29			< .2	< .2	< .2
Oil Type : Qualitative	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Orthophosphate, reactive as P mg/l	0.105	0.148	0.126	.095	.119	.097	0.079	0.505	0.119	0.104	0.2		0.164	0.289	0.189	0.028	0.155	0.113	0.112	0.082	0.104	0.109	0.101
Perylene ug/l	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
pH pH units	7.32	7.28	7.28	7.37	7.58	7.55	7.26	7.54	7.61	7.88	7.95		8.07	8.1	8.16	8.09	7.99	7.95	8	7.92	7.62	7.49	7.31
Phenanthrene ug/l	< .01	< .01	< .01	.0113	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
Potassium mg/l	4.83	6.09	5.22	5.83	4.56	3.86	4.92	2.76	3.24	3.22	2.98	2.74	2.64	5.4	2.84	3.35	4.26	3.43	3.48	3.52	5.36	6.45	7.3
Potassium, Dissolved mg/l	4.67	5.99	5.28	5.76	4.53	3.81	4.76	2.77	3.23	3.17	2.97	2.77	2.7	5.36	2.79	3.32	4.26	3.34	3.39	3.4	5.45	6.39	7.21
Pyrene ug/l	< .01	0.0321	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01	< .01
sec-Butylbenzene :- {1-Methylpropylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Selenium ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Selenium, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Silica, reactive as SiO2 mg/l	10.1	8.86	9.63	8.88	10.2	9.83	7.17	7.78	9.1	11.1	10.5		4.07	11.2	12.2	4.06	11.9	11.9	11.7	11.6	9.83	9.23	9.23
Silver ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Silver, Dissolved ug/l	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sodium mg/l	30.1	64.1	43.2	32.8	68.2	29.8	27.7	27.7	30.7	31.7	30.3	29.5	30.3	33.1	30	32.3	32.9	29.2	30.6	29.6	27.9	27.5	23
Sodium, Dissolved mg/l	30.2	64.4	42.7	33.6	67.4	29.7	27.1	27.5	30.6	30.4	29.9	29.3	30.4	33.8	30.8	33.2	32.8	29.2	30.1	28.5	27.6	27.2	22.8
Solids, Dissolved at 105 C mg/l	465	455	458	404	576	581	369	358	506	562	540	134	559	524	570	617	609	639	634	602	566	577	463
Solids, Suspended at 105 C mg/l	6.02	16.2	6.67	12.1	13.4	13.4	30.8	9.22	11.4	9.02	5.53		10.4	5.85	5.08	4.28	3.38	< 3	< 3	< 3	5.8	9.87	8.6
Solids, Total Dissolved at 180 C: {TDS} mg/l	434	432	414	399	548	566	321	351	492	546	538	113	490	458	523	454	548	584	676	479	491	489	385
Strontium ug/l	298	244	272	246	371	354	188	279	399	438	401	438	471	395	468	471	480	472	474	475	364	313	225
Strontium, Filtered ug/l	290	226	268	243	372	355	183	280	398	438	394	431	472	398	472	471	482	477	471	465	368	310	222
Styrene :- {Vinylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Sulphate as SO4 mg/l	61.1	46.1	52.1	44.9	72.3	69.5	37.2	70.4	76.5	82.3	82.6	82.8	89.3	81.5	88.7	89.8	111	114	107	121	117	104	76.1
Sulphate, Dissolved as SO4 ug/l	58.7	43.5	51.4	44.5	71.9	69.4	36.9	71.4	76.1	81.7	81.5	82.6	88.7	82.2	87.2	89.7	112	113	105	118	117	104	75.6
tert-Amyl methyl ether :- {TAME} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
tert-Butylbenzene :- {(1,1-Dimethylethyl)benzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Tetrachloroethylene :- {Perchloroethylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Tin ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Tin, Dissolved ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Titanium ug/l	4.27	9.57	4.17	5.89	5.18	7.76	11.1	4.39	2.54	3.22	2.55	2.74	3.37	8.74	2.77	2.62	2.1	11.4	2.76	2.73	4.78	5.45	5.61
Titanium, Filtered ug/l	< 2	< 2	< 2	< 2	< 2	< 2	4.36	< 2	< 2	< 2	< 2	< 2	< 2	2.01	< 2	< 2	< 2	< 2	2.1	2.22	3.09	3.61	< 2
Toluene :- {Methylbenzene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
trans-1,2-Dichloroethylene :- {trans-1,2-Dichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
trans-1,3-Dichloropropylene :- {trans-1,3-Dichloropropene} ug/l	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5	< .5

PRESTON NEW ROAD – CARR BRIDGE BROOK DOWNSTREAM 2018 DATA	Q1 2018						Q2 2018						Q3 2018							Q4 2018			
Date	10/01/2018	25/01/2018	07/02/2018	20/02/2018	09/03/2018	20/03/2018	06/04/2018	20/04/2018	03/05/2018	17/05/2018	01/06/2018	13/06/2018	03/07/2018	17/07/2018	06/08/2018	15/08/2018	10/09/2018	28/09/2018	08/10/2018	25/10/2018	15/11/2018	30/11/2018	10/12/2018
Trichloroethylene :- {Trichloroethene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Trichlorofluoromethane ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Turbidity NTU	6.8	23.8	9.3	14.1	13.2	16.3	41.9	9	6.1	6.8	4.5		4.8	6.4	3.3	3.3	1.6	2.4	1.9	3	5.2	9.9	15
Vanadium ug/l	< 2	< 2	< 2	< 2	< 2	< 2	2.28	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Vanadium, Dissolved ug/l	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Vinyl chloride :- {Chloroethylene} ug/l	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1	< .1
Zinc ug/l	54.8	19	7.02	10.9	13.4	5.57	11.7	10.3	< 5	< 5	< 5	6.23	< 5	< 5	< 5	7.45	15.9	13.5	< 5	7.76	5.27	8.12	9.53
Zinc, Dissolved ug/l	< 5	8.23	< 5	< 5	9.49	< 5	5.08	6.97	< 5	< 5	< 5	6.09	< 5	< 5	< 5	< 5	11.6	< 5	< 5	7.15	< 5	6.32	8.75