

BHID	Criteria	Units	Max	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514
Date sampled	-	-	Recorded	23/04/2020	23/04/2020	14/05/2020	28/05/2020	28/05/2020	27/05/2020	11/06/2020	11/06/2020	11/06/2020	25/06/2020	25/06/2020	25/06/2020	10/07/2020	10/07/2020	10/07/2020	23/07/2020	23/07/2020	23/07/2020	10/08/2020	10/08/2020	10/08/2021	20/08/2020	20/08/2020	20/08/2020
mAOD	-	-																									
DTW	-	mb datum	39.12	35.85	36.39	39.05	36.92	35.4	39.12	37.44	35.1	38.87	37.48	35.08	39	37.09	35.24	38.92	36.9	34.87	37.27	36.86	34.89	36.53	36.71	34.73	36.7
DTB	-	mb datum	47.88	47.15	38.59	44.13	47.115	38.6	44.13	47.14	46.59	44.02	47.35	46.75	44.02	47.13	46.75	44.02	47.13	46.75	44.02	47.025	46.72	43.13	47.1	46.64	43.13
NAPL present?	N			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
NAPL thickness	-	m	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DO	139	mg/l	42.8	3.9	4.8	-	5.4	4	-	16.1	7.3	-	31.4	37.85	-	14.2	10.4	-	12.1	29	-	8.6	9.7	-	11.8	9	-
pH	8.6	pH units	9.08	7.76	8.09	-	7.7	9.08	-	7.77	8.13	-	7.45	8.02	-	7.7	6.34	-	7.75	8.14	-	7.68	8.07	-	8.08	8.04	-
Temp	20.6	oC	25	14.1	15.2	-	13.5	14	-	13	13.6	-	19.9	23.4	-	14	16.8	-	13.7	16.1	-	16.1	17.3	-	18	16.4	-
EC	N/A	uS/cm	9725	9725	6116	-	9709	4318	-	9685	3792	-	9365	3789	-	9207	6813	-	9528	4513	-	9583	4360	-	464.9	4621	-
Redox(orp)	580	mV	318.5	-125.9	-49.5	-	-133.6	-146.7	-	120.6	106.3	-	60.9	153.5	-	-136.5	-160.9	-	93.4	101.5	-	-116.8	-77.5	-	12.6	107.3	-
Turbidity (TDS) (Lab data in NTU)	88	NTU	38000	-	-	-	3331	2808	-	6292	2456.3	-	6084	2453	-	5986	4426.5	-	6181.5	2931	-	6168	3009	-	3022	3016	-
Comments																											
Lab Report Ref No.			-	20-97370	20-97370	20-99702	20-11443	20-11443	20-11443	20-13741	20-13741	20-13920	20-16286	20-16286	20-16774	20-19005	20-19005	20-19005	20-21026	20-21026		20-23758	20-23758	20-24097	20-25766	20-25766	20-26499
Total Cyanide (Low Level 1 µg/l)	38.5	µg/l	19000	10	1.1	220	9.2	<1.0	120	9.7	<1.0	83	11	<1.0	110	18	5	87	11	<1.0		23	2.9	55	6.1	<1	46
Free Cyanide (Low Level 1 µg/l)	2.2	µg/l	69	<1	<1	17	8	<1	10	<1	<1	6	<1	<1	<1	1	<1	5	2	<1		<1	<1	2	<1	<1	<1
Sulphate as SO4	4477	mg/l	1310000	5170	2580	896	5980	2060	565	5000*	1660	291	3600	1920	375	6590	2240	244	4900*	2300		4200	2060	222	4950*	2420	205
Sulphide	5	µg/l	250	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ammonia as NH3	2420	µg/l	91000	1100	1000	5200	1800	980	3200	1100	1000	2600	960	990	890	860	990	1700	140	960		1100	980	1300	810	810	1300
Total Suspended Solids		µg/l	21000																								
Total Phenols (monohydric)	10	µg/l	430	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		13	10	<10	<10	<10	<10
Naphthalene	0.01	µg/l	1.19	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	0.01	µg/l	1.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	0.01	µg/l	0.78	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anthracene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)anthracene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	0.01	µg/l	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total EPA-16 PAHs	0.16	µg/l	3.12	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16		<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Arsenic (dissolved)	3.92	µg/l	19.5	<0.15	<0.15	1.26	<0.15	0.66	1.55	<0.15	0.53	1.93	1.07	1.24	2.92	1.14	1.07	2.18	0.72	0.88		1	0.83	2.02	0.87	0.91	1.66
Cadmium (dissolved)	0.08	µg/l	0.39	0.02	<0.02	<0.02	<0.02	0.06	<0.02	<0.02	<0.02	<0.02	0.05	0.04	<0.02	0.06	0.02	<0.02	0.02	<0.02		<0.02	<0.02	<0.02	0.04	<0.02	<0.02
Chromium (hexavalent)	5	µg/l	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	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chromium (III)	2.75	µg/l	9.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium (dissolved)			9.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.4	0.3	3.9	<0.2	<0.2	<0.2	0.3	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Copper (dissolved)	7	µg/l	28	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	1.8	8.7	6	11	2.5	5.1	3.3	2.2	2.4		0.7	<0.5	<0.5	1.7	0.9	1.6
Lead (dissolved)	6	µg/l	5.3	<0.2	<0.2	2	<0.2	<0.2	0.9	<0.2	<0.2	0.5	0.4	0.7	5.3	0.2	<0.2	0.9	0.2	0.5		<0.2	<0.2	<0.2	<0.2	<0.2	0.3
Mercury (dissolved)	0.66	µg/l	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	0.09	<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	<0.05
Nickel (dissolved)	21	µg/l	58	<0.5	<0.5	1.1	<0.5	1	2	<0.5	1.3	1.8	7.2	6	4.5	10	8.1	2	6.6	5.2		8.1					

[illegible]

[illegible]

BHID	Criteria	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510	BH513	BH514	BH510
Date sampled	-	15/09/2021	22/10/2021	22/10/2021	22/10/2021	10/11/2021	10/11/2021	10/11/2021	19/11/2021	19/11/2021	19/11/2021	26/11/2021	26/11/2021	26/11/2021	02/12/2021	02/12/2021	02/12/2021	10/12/2021	10/12/2021	10/12/2021	16/12/2021	16/12/2021	16/12/2021	21/12/2021
mAOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.618	25.084	23.189	-	-	-	-	-	-	-
DTW	-	34.98	34.73	-	35.01	34.58	32.44	35.18	34.19	32.17	-	34.62	31.51	34.78	34.35	31.58	35.03	34.11	31.42	35.09	34.45	32.03	35.45	34.25
DTB	-	42.71	46.98	-	42.05	46.84	46.6	39.86	47.34	46.92	-	46.6	46.8	39.32	47.62	46.9	39.56	47.23	46.84	39.39	46.98	46.14	39.32	46.93
NAPL present?	N	N	N	-	N	N	N	N	N	N	-	N	N	N	N	N	N	N	N	N	N	N	N	N
NAPL thickness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DO	139	6.7	9.3	-	8.7	4.8	8.1	2.1	7.9	-	-	9.5	11	<1.0	23.2	10.1	6.3	1.8	36.6	2.8	5.1	16.1	8.1	4
pH	8.6	8.2	7	-	8.3	7.34	6.98	8.1	7.11	-	-	7.74	6.98	7.8	7.67	7.03	7.7	7.6	7.33	8.3	7.17	7.11	8.1	7.18
Temp	20.6	6	12.4	-	6.1	12.6	13.1	6.4	12.3	-	-	10.9	11.7	6.4	11.1	7.9	6.2	5.6	8	5.6	12	12.5	6.1	11.5
EC	N/A	940	4448	-	860	4343	4448	1000	5550	-	-	5974	4676	1800	5546	4544	1100	2500	4180	1200	5840	4084	950	5524
Redox(orp)	580	130.4	174.2	-	195.4	2.6	136	-31.6	86.5	-	-	204.1	318.5	26.2	-5.9	172.3	144.9	225.3	110.5	96.4	97.6	225.9	127.3	96.1
Turbidity (TDS) (Lab data in NTU)	88	370	2892	-	140	2821	2892	200	3607.5	-	-	3880.5	3042	2800	3604	2962	38000	400	2717	1000	3796	2655	300	3590
Comments				Borehole inaccessible due to surfacing works	Sulphurous odour from well			Sulphurous odour,very cloudy water		New ground level, pump could not descend extended tubing - new headworks to be installed	Borehole blocked at ~1.8m dip tape could not descend - to be excavated / fixed			New ground level following excavation to clear blockage. Sulphurous odour, slightly cloudy water			Pumped sample, very cloudy with sulphurous odour. Turbidity reading likely low due to quantity of sand	Pump fault during stabilisation. Bailed sample collected		Sulphurus odour, slightly cloudy water. Bailed sample	Very slightly milky		Sulphurus odour, slightly cloudy water. Bailed sample	
Lab Report Ref No.		21-10039	21-18170	-	21-18170	21-22219	21-22219	21-22219	21-24316	-	-	21-25971	21-25971	21-25971	21-28144	21-28144	21-28144	21-28597	21-28597	21-28597	21-29816	21-29816	21-29816	21-30648
Total Cyanide (Low Level 1 µg/l)	38.5	22	110	-	13	5.8	<1.0	230	5.8	-	-	7.1	7.5	2800	<1.0	<1.0	230	61	<1.0	2700	33	<1.0	470	6.1
Free Cyanide (Low Level 1 µg/l)	2.2	<1.0	<1.0	-	<1.0	<1.0	<1.0	11	<1.0	-	-	<1.0	2.1	16	<1.0	<1.0	5.4	<1.0	<1.0	13	<1.0	<1.0	<1.0	<1.0
Sulphate as SO4	4477	175	2540	-	179	1970	2080	210	2670	-	-	2580	1610	796	1960	2280	282	1240	1890	371	2180	1670	202	2660
Sulphide	5	<5.0	<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	<5.0	<5.0	U/S*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ammonia as NH3	2420	1200	260	-	1200	700	1000	4100	900	-	-	650	430	34000	850	550	9600	900	450	15000	400	460	5100	410
Total Suspended Solids																								
Total Phenols (monohydric)	10	<10	<10	-	<10	<10	<10	<10	<10	-	-	<10	<10	83	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anthracene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)anthracene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total EPA-16 PAHs	0.16	<0.16	<0.16	-	<0.16	<0.16	<0.16	<0.16	<0.16	-	-	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Arsenic (dissolved)	3.92	2.77	3.51	-	2.53	2.94	2.17	2.88	3.58	-	-	4.05	2.09	13.9	2.43	1.24	4.99	2.75	1.82	7.53	2.64	1.28	5.66	2.85
Cadmium (dissolved)	0.08	<0.02	0.23	-	<0.02	0.16	0.04	<0.02	0.2	-	-	0.09	0.03	0.03	0.03	0.03	0.04	<0.02	0.03	0.03	0.34	0.04	<0.02	0.39
Chromium (hexavalent)	5	<5.0	<5.0	-	<5.0	<5.0	-	<5.0	<5.0	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chromium (III)	2.75	2.3	6.9	-	3.3	4	-	2.4	5.1	-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chromium (dissolved)	2.3	6.9	6.9	-	3.3	4	4.4	2.4	5.1	-	-	3.8	4.2	1.5	4.2	4.3	3.3	2.6	2.5	1.7	2	1.8	1	3.8
Copper (dissolved)	7	1.5	18	-	3.6	6.1	7.3	2.4	8.9	-	-	5.6	5.9	1.5	13	6.3	3.9	2.6	3.8	1.5	16	9.1	3.7	8.4
Lead (dissolved)	6	<0.2	0.5	-	0.3	<0.2	0.4	0.2	<0.2	-	-	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury (dissolved)	0.66	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (dissolved)	21	0.8	15	-	1.1	9.8	5.8	3	13	-	-	13	5.8	18	7.6	4.6	6.3	8.7	6.1	9.9	13	5	2.1	12
Selenium (dissolved)	26.4	0.7	3.1	-	0.8	2.3	1.7	1.4	2.9	-	-	2.6	1.8	8.7	2.5	1.3	3.2	1.8	1.9	4.4	2.5	1.3	0.9	2.6
Zinc (dissolved)	47.3	0.6	15	-	11	14	16	6.1	24	-	-	8	16	2.3	9.3	11	2.7	6.1	11	1.3	17	15	5.2	10
Monoaromatics & Oxygenates																								
Benzene	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p & m-xylene	1	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-	<1.0	<1.0	<1.										

BHID	Criteria	BH514
Date sampled	-	16/02/2022
mAOD	-	
DTW	-	34.6
DTB	-	40.37
NAPL present?	N	N
NAPL thickness	-	-
DO	139	2.8
pH	8.6	8.3
Temp	20.6	5.3
EC	N/A	980
Redox(orp)	580	-149
Turbidity (TDS) (Lab data in NTU)	88	21000
		Sulphurus odour, slightly cloudy water. Bailed sample
Comments		
Lab Report Ref No.		22-40456
Total Cyanide (Low Level 1 µg/l)	38.5	120
Free Cyanide (Low Level 1 µg/l)	2.2	5
Sulphate as SO4	4477	249
Sulphide	5	250
Ammonia as NH3	2420	17000
Total Suspended Solids		21000
Total Phenols (monohydric)	10	24
Naphthalene	0.01	< 0.01
Acenaphthylene	0.01	< 0.01
Acenaphthene	0.01	< 0.01
Fluorene	0.01	< 0.01
Phenanthrene	0.01	< 0.01
Anthracene	0.01	< 0.01
Fluoranthene	0.01	< 0.01
Pyrene	0.01	< 0.01
Benzo(a)anthracene	0.01	< 0.01
Chrysene	0.01	< 0.01
Benzo(b)fluoranthene	0.01	< 0.01
Benzo(k)fluoranthene	0.01	< 0.01
Benzo(a)pyrene	0.01	< 0.01
Indeno(1,2,3-cd)pyrene	0.01	< 0.01
Dibenz(a,h)anthracene	0.01	< 0.01
Benzo(ghi)perylene	0.01	< 0.01
Total EPA-16 PAHs	0.16	< 0.16
Arsenic (dissolved)	3.92	4.8
Cadmium (dissolved)	0.08	0.03
Chromium (hexavalent)	5	< 5.0
Chromium (III)	2.75	< 5.0
Chromium (dissolved)		2.2
Copper (dissolved)	7	3.1
Lead (dissolved)	6	< 0.2
Mercury (dissolved)	0.66	< 0.05
Nickel (dissolved)	21	2.8
Selenium (dissolved)	26.4	1.5
Zinc (dissolved)	47.3	33
Monoaromatics & Oxygenates		
Benzene	1	< 1.0
Toluene	1	< 1.0
Ethylbenzene	1	< 1.0
p & m-xylene	1	< 1.0
o-xylene	1	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	1	< 1.0
Petroleum Hydrocarbons		
TPH-CWG - Aliphatic >C5 - C6	1	< 1.0
TPH-CWG - Aliphatic >C6 - C8	1	< 1.0
TPH-CWG - Aliphatic >C8 - C10	1	< 1.0
TPH-CWG - Aliphatic >C10 - C12	10	< 10
TPH-CWG - Aliphatic >C12 - C16	10	< 10
TPH-CWG - Aliphatic >C16 - C21	10	< 10
TPH-CWG - Aliphatic >C21 - C35	10	< 10
TPH-CWG - Aliphatic (C5 - C35)	10	< 10
TPH-CWG - Aromatic >C5 - C7	1	< 1.0
TPH-CWG - Aromatic >C7 - C8	1	< 1.0
TPH-CWG - Aromatic >C8 - C10	1	< 1.0
TPH-CWG - Aromatic >C10 - C12	10	< 10
TPH-CWG - Aromatic >C12 - C16	10	< 10
TPH-CWG - Aromatic >C16 - C21	10	< 10
TPH-CWG - Aromatic >C21 - C35	10	< 10
TPH-CWG - Aromatic (C5 - C35)	10	< 10