

	Inorganics				Acidity & Alkalinity				Major Ions										Nutrients				
	pH (Lab)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Hydroxide as CaCO3)	Alkalinity (Total as CaCO3)	Calcium	Calcium (Filtered)	Magnesium	Magnesium (Filtered)	Potassium	Potassium (Filtered)	Sodium	Sodium (Filtered)	Chloride	Sulfate	Ammonia as N	Nitrate (as N)	Nitrite (as N)	Nitrogen (Total Oxidised) (as N)	Arsenic (Filtered)	Cadmium (Filtered)		
EQL	0.1	10	20	20	20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	2	0.01	0.02	0.02	0.05	0.001	0.002		
ADWG 2011 Health (v3.6 updated 2021)															500	0.9	11.29	0.91		0.01	0.002		
Environmental Trigger Value (RAP GHD, 2011)																				0.013	0.0121		
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																							
2-4m																							
4-8m																							
>8m																							

Location Code	Field ID	Sampled Date	Lab Report	Sample Type	4.6	<10	<20	<20	<20	3000	-	2900	-	130	-	4500	-	28,000	820	730	21	0.03	21	<0.01	0.83	
GG1	GG1	7/09/2020	742655	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	670	-	-	-	<0.01	0.85	
GG1	QC02	7/09/2020	742655	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	670	17	<0.02	17	<0.1	0.99	
GG1	GG1	8/12/2020	762380	Normal	4.3	<10	<20	<20	<20	-	2800	-	2900	-	120	-	7800	-	32,000	1000	670	4.7	<0.02	4.7	<0.1	1.1
GG1	QC02	8/12/2020	762380	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	670	-	-	-	<0.1	0.99	
GG1	GG1	3/03/2021	777978	Normal	3.4	<10	<20	<20	<20	3100	-	3300	-	130	-	8600	-	31,000	770	670	4.7	<0.02	4.7	<0.1	1.1	
GG1	QC02	3/03/2021	777978	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	560	-	-	-	<0.1	1.1	
GG1	GG1	18/06/2021	804053	Normal	4.4	<10	<20	<20	<20	1800	-	2500	-	92	-	6700	-	27,000	1000	180	0.49	0.56	1.1	<0.01	0.37	
GG1	QC02	18/06/2021	804053	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-	-	-	0.002	0.87	
GG10	GG10	7/09/2020	742655	Normal	3.4	<10	<20	<20	<20	3500	-	2500	-	150	-	2700	-	43,000	710	170	<2	<2	<2.5	<0.1	0.66	
GG10	GG10	8/12/2020	762380	Normal	3.1	<10	<20	<20	<20	-	3600	-	2600	-	160	-	7100	-	58,000	620	200	0.15	0.07	0.22	<0.1	0.79
GG10	GG10	3/03/2021	777978	Normal	2.9	<10	<20	<20	<20	3300	-	2600	-	160	-	7000	-	42,000	640	220	0.06	0.05	0.1	<0.1	0.76	
GG10	GG10	18/06/2021	804053	Normal	3.1	<10	<20	<20	<20	3200	-	2500	-	160	-	9300	-	40,000	630	290	<2	2.5	<5	0.056	0.72	
GG2	GG2	7/09/2020	742655	Normal	2.8	<10	<20	<20	<20	1500	-	1400	-	83	-	1700	-	30,000	800	2900	1.6	0.16	1.7	0.021	0.16	
GG2	GG2	8/12/2020	762380	Normal	2.4	<10	<20	<20	<20	-	1700	-	1400	-	100	-	4400	-	32,000	680	3400	5.2	1.5	6.7	<0.1	0.2
GG2	GG2	3/03/2021	777978	Normal	2.3	<10	<20	<20	<20	1500	-	1400	-	98	-	4900	-	33,000	570	4500	2.1	0.45	2.5	<0.1	0.21	
GG2	GG2	18/06/2021	804053	Normal	3.7	<10	<20	<20	<20	1300	-	1400	-	88	-	4400	-	22,000	960	60,000	2.5	<1	2.5	0.022	0.18	
GG5	GG5	7/09/2020	742655	Normal	1.6	<10	<20	<20	<20	10,000	-	760	-	58	-	6600	-	81,000	140	710	5.4	1.5	6.9	<0.1	0.98	
GG5	GG5	8/12/2020	762380	Normal	1.6	<10	<20	<20	<20	-	8400	-	780	-	57	-	5800	-	180,000	340	620	10	0.57	11	<0.1	1
GG5	GG5	3/03/2021	777978	Normal	1.5	<10	<20	<20	<20	8800	-	810	-	59	-	6000	-	77,000	100	940	8.8	<2	8.8	<0.5	0.88	
GG5	GG5	18/06/2021	804053	Normal	1.4	<10	<20	<20	<20	8600	-	710	-	59	-	5200	-	72,000	140	740	33	<10	33	0.032	0.41	
GG7	GG7	7/09/2020	742655	Normal	7.3	<10	740	<20	740	120	-	590	-	20	-	3700	-	7000	950	0.59	<0.02	<0.02	<0.05	<0.01	<0.002	
GG7	GG7	8/12/2020	762380	Normal	7.8	<10	630	<20	630	-	120	-	660	-	23	-	4300	-	3600	950	0.17	<0.02	<0.02	<0.05	<0.01	<0.004
GG7	GG7	3/03/2021	777978	Normal	6.7	<10	520	<20	520	75	-	510	-	20	-	3600	-	5700	790	0.12	0.04	<0.02	<0.05	0.001	<0.0002	
GG7	QC01	3/03/2021	263407	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11	-	-	-	0.002	<0.0001	
GG7	GG7	18/06/2021	804053	Normal	7.5	<10	630	<20	630	110	-	620	-	22	-	3900	-	6400	860	0.18	0.04	<0.02	<0.05	0.002	<0.0002	
GG8	GG8	7/09/2020	742655	Normal	7.6	<10	750	<20	750	60	-	180	-	9.4	-	1800	-	2900	680	0.12	<0.02	<0.02	<0.05	<0.01	<0.002	
GG8	GG8	8/12/2020	762380	Normal	8	<10	510	<20	510	-	42	-	120	-	12	-	1300	-	1700	290	0.03	<0.02	<0.02	<0.05	<0.01	<0.004
GG8	GG8	3/03/2021	777978	Normal	7.1	<10	530	<20	530	34	-	96	-	9.5	-	1100	-	1400	200	0.17	<0.02	<0.02	<0.05	0.001	<0.0002	
GG8	GG8	18/06/2021	804053	Normal	7.7	<10	520	<20	520	31	-	69	-	8.2	-	890	-	1300	320	0.25	<0.02	<0.02	<0.05	0.003	<0.0002	
GG9	GG9	7/09/2020	742655	Normal	5.8	<10	79	<20	79	730	-	1400	-	39	-	5200	-	15,000	1100	30	<0.5	<0.5	<0.5	<0.01	0.075	
GG9	GG9	8/12/2020	762380	Normal	5.7	<10	23	<20	23	-	670	-	1500	-	43	-	4000	-	14,000	1100	30	<0.2	0.27	<0.5	<0.01	0.061
GG9	QC01	8/12/2020	257943	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	0.003	0.071	
GG9	GG9	3/03/2021	777978	Normal	6.3	<10	140	<20	140	150	-	530	-	20	-	3800	-	7500	670	6.9	<0.02	<0.02	<0.05	0.001	0.0022	
GG9	GG9	18/06/2021	804053	Normal	6.2	<10	28	<20	28	480	-	1100	-	37	-	4000	-	12,000	1000	44	<0.4	<0.4	<1	<0.01	0.031	
GG9	QC01	18/06/2021	272166	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	0.003	0.036	
MW119	MW119	8/12/2020	762380	Normal	7.7	<10	290	<20	290	-	7.6	-	78	-	12	-	2100	-	3600	410	0.01	0.8	<0.02	0.81	<0.01	<0.004
MW119	MW119	3/03/2021	777978	Normal	7	<10	230	<20	230	5.5	-	68	-	10	-	1700	-	2300	400	0.05	1	<0.02	1	<0.001	0.0006	
MW119	MW119	18/06/2021	804053	Normal	7.5	<10	380	<20	380	73	-	220	-	27	-	4200	-	6500	310	1.8	<0.1	<0.1	<0.25	<0.001	0.0004	
MW127	MW127	7/09/2020	742655	Normal	7.7	<10	560	<20	560	10	-	190	-	7.5	-	2600	-	4000	720	<0.01	0.13	<0.02	0.14	<0.01	<0.002	
MW127	MW127	8/12/2020	762380	Normal	8.8	78	520	<20	600	-	6.5	-	160	-	10	-	2400	-	3600	570	<0.01	0.97	<0.02	0.97	<0.01	<0.004
MW127	MW127	3/03/2021	777978	Normal	7.1	<10	500	<20	500	8.9	-	180	-	8.7	-	2700	-	2800	390	<0.01	1.2	<0.02	1.2	<0.001	<0.0002	
MW127	MW127	18/06/2021	804053	Normal	7.4	<10	690	<20	690	12	-	180	-	8.3	-	2500	-	3400	530	0.13	0.43	<0.02	0.43	<0.001	<0.0002	
MW134D	MW134D	7/09/2020	742655	Normal	3.3	<10	<20	<20	<20	8000	-	3000	-	270	-	8400	-	54,000	610	2400	30	0.08	30	0.024	1.1	
MW134D	MW134D	8/12/2020	762380	Normal	3.2	<10	<20	<20	<20	-	5700															

	Metals						BTEXN						TRH - NEPM 2013						TRH - NEPM 1999						
	Chromium (III+VI) (Filtered)	Copper (Filtered)	Lead (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene (BTEXN suite)	F1 (C6-C10 minus BTEX)	C6-C10 Fraction	F2 (>C10-C16 minus Naphthalene)	X-C10-C16 Fraction	F3 (>C16-C34 Fraction)	F4 (>C34-C40 Fraction)	X-C10-C40 (Sum of Total)	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 (Sum of Total)
EQL	0.001	0.001	0.001	1E-04	0.001	0.005	1	1	1	1	2	3	10	20	20	50	50	100	100	100	20	50	100	100	100
ADWG 2011 Health (v3.6 updated 2021)	2	0.01	0.001	0.02	0.4	1	800	300	1	2	600														
Environmental Trigger Value (RAP GHD, 2011)	0.07	1.18																							
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand							5000	NL	NL			NL	NL	6000		NL									
2-4m							5000	NL	NL			NL	NL	6000		NL									
4-8m							5000	NL	NL			NL	NL	6000		NL									
>8m							5000	NL	NL			NL	NL	7000		NL									

Location Code	Field ID	Sampled Date	Lab Report	Sample Type	Chromium (III+VI) (Filtered)	Copper (Filtered)	Lead (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene (BTEXN suite)	F1 (C6-C10 minus BTEX)	C6-C10 Fraction	F2 (>C10-C16 minus Naphthalene)	X-C10-C16 Fraction	F3 (>C16-C34 Fraction)	F4 (>C34-C40 Fraction)	X-C10-C40 (Sum of Total)	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 (Sum of Total)
GG1	GG1	7/09/2020	742655	Normal	<0.01	1.1	41	<0.001	3.2	4200	<1	<1	<1	<1	<2	<3	<10	<20	<20	970	970	700	<100	1670	<20	440	1100	<100	1540
GG1	QC02	7/09/2020	742655	Field_D	<0.01	1.1	45	<0.001	3.2	3900	<1	<1	<1	<1	<2	<3	<10	<20	<20	580	580	500	<100	1080	<20	240	700	<100	940
GG1	GG1	8/12/2020	762380	Normal	<0.1	1.1	41	<0.001	3.3	3900	<1	<1	<1	<1	<2	<3	<10	<20	<20	570	570	700	<100	1270	<20	260	1100	<100	1360
GG1	QC02	8/12/2020	762380	Field_D	<0.1	0.88	44	<0.001	3.3	4000	<1	<1	<1	<1	<2	<3	<10	<20	<20	2900	2900	4700	400	8000	<20	1300	5900	600	7800
GG1	GG1	3/03/2021	777978	Normal	<0.1	1.2	36	<0.001	2.8	3400	<1	<1	<1	<1	<2	<3	<10	<20	<20	<50	<50	<100	<100	<20	<50	<100	<100	<100	<100
GG1	QC02	3/03/2021	777978	Field_D	<0.1	1.1	36	<0.001	2.7	3500	<1	<1	<1	<1	<2	<3	<10	<20	<20	50	50	<100	<100	<20	<50	<100	<100	<100	<100
GG1	GG1	18/06/2021	804053	Normal	0.004	0.11	6.2	<0.0001	4.1	2200	<1	<1	<1	<1	<2	<3	<10	<20	<20	1000	1000	1400	<100	2400	<20	500	1900	<100	2400
GG1	QC02	18/06/2021	804053	Field_D	0.004	0.017	7.5	<0.0001	0.83	1800	<1	<1	<1	<1	<2	<3	<10	<20	<20	1700	1700	1900	<100	3600	<20	760	2800	<100	3560
GG10	GG10	7/09/2020	742655	Normal	<0.1	5	27	<0.005	13	4600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG10	GG10	8/12/2020	762380	Normal	<0.1	5	27	<0.005	13	4600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG10	GG10	3/03/2021	777978	Normal	<0.1	4.7	19	<0.001	12	4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG10	GG10	18/06/2021	804053	Normal	0.004	4.8	11	<0.0001	12	4500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG2	GG2	7/09/2020	742655	Normal	0.29	3.2	31	<0.001	5	3700	<1	<1	<1	<1	<2	<3	<10	<20	<20	1400	1400	1000	<100	2400	<20	590	1700	<100	2290
GG2	GG2	8/12/2020	762380	Normal	2.1	8.3	76	<0.001	11	6100	<1	<1	<1	<1	<2	<3	<10	<20	<20	1200	1200	2100	<100	3300	<20	510	2600	300	3410
GG2	GG2	3/03/2021	777978	Normal	1.2	5	37	<0.001	7.5	3200	<1	<1	<1	<1	<2	<3	<10	<20	<20	3800	3800	3100	<100	6900	<20	1200	4900	<100	6100
GG2	GG2	18/06/2021	804053	Normal	0.39	3.8	19	<0.0001	5.6	3000	<1	<1	<1	<1	<2	<3	<10	<20	<20	160	160	<100	<100	160	<20	130	200	<100	330
GG5	GG5	7/09/2020	742655	Normal	19	37	71	<0.001	18	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG5	GG5	8/12/2020	762380	Normal	20	42	83	<0.001	19	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG5	GG5	3/03/2021	777978	Normal	15	32	57	<0.005	14	8500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG5	GG5	18/06/2021	804053	Normal	13	16	42	0.0027	7.7	5500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG7	GG7	7/09/2020	742655	Normal	<0.01	0.039	<0.001	<0.001	0.01	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG7	GG7	8/12/2020	762380	Normal	<0.01	<0.01	<0.01	<0.001	<0.01	0.096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG7	GG7	3/03/2021	777978	Normal	<0.001	0.063	0.002	<0.0001	0.014	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG7	QC01	3/03/2021	263407	Interlab_D	<0.001	0.004	<0.001	<0.00009	0.004	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG7	GG7	18/06/2021	804053	Normal	<0.001	0.002	<0.001	<0.0001	0.004	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG8	GG8	7/09/2020	742655	Normal	<0.01	0.043	<0.001	<0.001	0.014	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG8	GG8	8/12/2020	762380	Normal	<0.01	0.026	<0.001	<0.001	0.032	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG8	GG8	3/03/2021	777978	Normal	<0.001	0.023	<0.001	<0.0001	0.01	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG8	GG8	18/06/2021	804053	Normal	<0.001	<0.001	<0.001	<0.0001	0.002	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG9	GG9	7/09/2020	742655	Normal	<0.01	0.054	0.63	<0.001	1.2	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG9	GG9	8/12/2020	762380	Normal	<0.01	0.083	0.5	<0.001	0.86	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG9	QC01	8/12/2020	257943	Interlab_D	0.003	0.012	0.43	0.00007	0.72	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG9	GG9	3/03/2021	777978	Normal	<0.001	0.13	0.017	<0.0001	0.15	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG9	GG9	18/06/2021	804053	Normal	<0.001	0.22	<0.0001	0.57	230	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GG9	QC01	18/06/2021	272166	Interlab_D	0.001	0.003	0.22	<0.00009	0.56	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW119	MW119	8/12/2020	762380	Normal	<0.01	0.11	<0.001	<0.001	0.034	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW119	MW119	3/03/2021	777978	Normal	0.003	0.097	0.012	<0.0001	0.044	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW119	MW119	18/06/2021	804053	Normal	0.002	0.003	0.012	<0.0001	0.065	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW127	MW127	7/09/2020	742655	Normal	0.014	0.09	<0.001	<0.001	0.02	0.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW127	MW127	8/12/2020	762380	Normal	0.028	<0.01	<0.001	<0.001	0.01	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW127	MW127	3/03/2021	777978	Normal	0.043	0.13	0.001	<0.0001	0.012	0.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW127	MW127	18/06/2021	804053	Normal	0.01	0.003	<0.001	<0.0001	0.005	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW134D	MW134D	7/09/2020	742655	Normal	<0.01	7.7	210	<0.001	12	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW134D	MW134D	8/12/2020	762380	Normal	<0.1	6.2	160	<0.001	11	8800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW134D	MW134D	3/03/2021	777978	Normal	<0.1	6.1	140	<0.001	11	7500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW134D	MW134D	18/06/2021	804053	Normal	<0.001	0.52	250	<0.0001	0.88	12																			