Table 2
Summary of Groundwater Field Paramaters - July 2019

Well ID	Sampling Event	Date Measured	SWL (mbTOC)	BOC (mbTOC)	Dissolved Oxygen (ppm)	Electrical Conductivity (us/cm)	pH	Ox-Red Potential (mV)	Temperature (°C)	Comments
CSM_BH02	Event 10 - July 2019	30/07/2019	22.662	34.23	4.85	1013	7.26	106.3	19.4	Light brown, turbid with sediment, no odour/sheen
CSM_BH04	Event 10 - July 2019	30/07/2019	22.258	35.26	3.61	463.8	6.07	53.5	20.5	Light brown, cloudy with silt, no odour/sheen
CSM_BH05	Event 10 - July 2019	29/07/2019	22.63	33.97	0.38	877	6.33	27.8	19.2	Cloudy, no odour/sheen
CSM_BH06	Event 10 - July 2019	30/07/2019	23.705	35.43	2.49	996	6.37	40.6	21.4	Light brown, cloudy, no odour/sheen
CSM_BH08	Event 10 - July 2019	30/07/2019	16.205	35.05	0.5	647	6.64	-72.2	20.6	Clear, no odour/sheen
CSM_BH09S	Event 10 - July 2019	29/07/2019	4.173	9.59	0.61	672	5.81	50.1	19.2	Clear, no odour/sheen
CSM_BH10S	Event 10 - July 2019	30/07/2019	4.421	9.835	0.47	265.6	5.56	222.8	20.6	Clear, no odour/sheen
GASW_BH7	Event 10 - July 2019	29/07/2019	4.165	6.18	0.7	441.5	4.32	271.2	20.7	Red brown to clear, turbid, very slight hydrocarbon odour, no sheen
GASW_BH10	Event 10 - July 2019	29/07/2019	19.966	25.37	0.27	1080	6.67	-196.2	20.2	Dark grey, turbid, slight organic odour and slight sheen
GASW_BH11	Event 10 - July 2019	29/07/2019	5.265	9.01	0.63	365	5.87	52.5	21.4	Clear, slight organic odour
SRT_BH047	Event 10 - July 2019	31/07/2019	5.01	6.95	2.18	388.5	7.67	98.8	19.5	Clear, no odour/sheen
SRT_BH052	Event 10 - July 2019	31/07/2019	6.283	7.92	3.2	369.2	7.29	98.5	19.4	Clear, no odour/sheen
SRT_BH059	Event 10 - July 2019	31/07/2019	3.631	6	5.56	396.7	7.02	158.7	19.8	Clear, no odour/sheen
SRT_BH063	Event 10 - July 2019	29/07/2019	10.785	14.5	6.11	758	6.65	53.6	21.2	Clear, no odour/sheen
SRT_CBH015	Event 10 - July 2019	31/07/2019	4.013	5.915	1.74	207.8	5.3	255.6	20.3	Clear, no odour/sheen
SRT_CBH017	Event 10 - July 2019	31/07/2019	3.214	4.94	1.41	192.9	6.22	178.5	20	Clear, no odour/sheen

Table 1
Summary of Groundwater Analytical Results - July 2019

					Iron speciation	Inorganics				idity & Alkalin		Major Ions						Nutrients		Metals									BTEXN							
					Ferrous Iron	pH (Lab)	Total Dissolved Solids	Total Suspended Solids	Cyanide (Total)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Bicarbonate as CaCO3)	Calcium	Magnesium	Potassium	Sodium	Chloride	Sulfate	Ammonia as N	Nitrate (as N)	Arsenic (Filtered)	Cadmium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Lead (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Zinc (Filtered)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene (BTEXN)	BTEX (Sum of Total) - Lab Calc
					mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL					0.05	0.1	10	1	0.005	10	20	0.5	0.5	0.5	0.5	1	5	0.01	0.02	0.001	0.0002	0.001	0.001	0.001	0.005	0.0001	0.001	0.005	1	1	1	1	2	3	10	1
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																																				
2-4m																													5000	NL	NL			NL	NL	
4-8m																													5000	NL	NL			NL	NL	
>8m																													5000	NL	NL			NL	NL	
NEPM 2013 Table 1C GILs, Marine Waters									0.004												0.0007	0.0044	0.0013	0.0044		0.0001	0.007	0.015	500						50	
NHMRC Recreational Guidelines 2008 - Health									0.8								5000			0.1	0.02		20	0.1	5	0.01	0.2		10	8000	3000			6000		
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)						7-10			1											1	1	3	5	2	10	0.03	3	5	100	500	1000			1000		
Field_ID	**Location_Code**	**Sampled_Date_Time**	**Sample_Type**	**Lab_Report_Number**																																
CSM_BH02	CSM_BH02	30/07/2019	Normal	669059	<0.05	8	550	42,000	0.092	<10	350	50	43	5.8	120	500	24	<0.01	<0.02	<0.001	<0.0002	<0.001	<0.001	<0.001	0.13	<0.0001	0.004	0.007	<1	<1	<1	<1	<2	<3	<10	-
CSM_BH04	CSM_BH04	30/07/2019	Normal	669059	1	7	280	6500	0.035	<10	100	9	15	3	79	110	38	<0.01	<0.02	<0.001	<0.0002	<0.001	<0.001	<0.001	0.42	<0.0001	0.018	0.025	<1	<1	<1	<1	<2	<3	<10	-
CSM_BH05	CSM_BH05	29/07/2019	Normal	669059	1	7.2	500	930	0.025	<10	170	28	30	6.3	120	160	50	<0.01	<0.02	<0.001	<0.0002	<0.001	<0.001	<0.001	0.45	<0.0001	0.011	0.024	<1	<1	<1	<1	<2	<3	<10	-
CSM_BH06	CSM_BH06	30/07/2019	Normal	669059	0.56	7.3	600	960	0.029	<10	180	39	35	4.9	110	180	22	<0.01	<0.02	<0.001	<0.0002	<0.001	<0.001	<0.001	0.21	<0.0001	0.019	0.035	<1	<1	<1	<1	<2	<3	<10	-
CSM_BH08	CSM_BH08	30/07/2019	Normal	669059	4.4	7.3	350	6.2	0.019	<10	190	19	22	4.4	83	110	37	0.02	0.06	<0.001	<0.0002	<0.001	<0.001	<0.001	0.34	<0.0001	0.021	0.011	<1	<1	<1	<1	<2	<3	<10	-
CSM_BH09S	CSM_BH09S	29/07/2019	Normal	669059	7.2	6.7	460	58	0.01	<10	59	7.8	8.5	4.7	120	88	210	0.08	<0.02	<0.001	<0.0002	<0.001	0.002	<0.001	0.64	<0.0001	0.006	0.036	<1	<1	<1	<1	<2	<3	<10	-
CSM_BH10S	CSM_BH10S	30/07/2019	Normal	669059	<0.05	6.7	220	200	0.014	<10	35	6.9	6.4	3.6	38	36	61	<0.01	2.3	<0.001	<0.0002	<0.001	0.003	<0.001	0.41	<0.0001	0.002	0.011	<1	<1	<1	<1	<2	<3	<10	-
GASW_BH10	GASW_BH10	30/07/2019	Normal	669059	3.7	7	610	150	<0.005	<10	330	48	43	9.7	130	160	<5	<0.01	<0.02	<0.001	<0.0002	<0.001	<0.001	<0.001	0.25	<0.0001	0.042	<0.005	<1	<1	<1	<1	<2	<3	<10	-
GASW_BH11	GASW_BH11	30/07/2019	Normal	669059	3.1	6.3	210	44	<0.005	<10	70	4.4	8.4	2	56	100	59	0.03	<0.02	<0.001	<0.0002	<0.001	<0.001	<0.001	0.2	<0.0001	0.002	0.007	<1	<1	<1	<1	<2	<3	<10	-
GASW_BH7	GASW_BH7	30/07/2019	Normal	669059	17	3.9	280	20	0.006	<10	<20	5.4	4.8	0.8	63	41	150	0.03	<0.02	<0.001	<0.0002	<0.001	0.007	0.001	0.12	<0.0001	0.003	0.059	9	<1	<1	<1	<2	<3	<10	-
QC01	CSM_BH09S	29/07/2019	Interlab_D	ES1924197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.0001	<0.001	0.005	<0.001	-	<0.0001	0.007	0.04	<1	<2	<2	<2	<2	<2	-	<1
QC02	SRT_CBH015	31/07/2019	Field_D	669059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.0002	<0.001	<0.001	<0.001	-	<0.0001	0.009	0.022	<1	<1	<1	<1	<2	<3	<10	-
SRT-BH047	SRT_BH047	31/07/2019	Normal	669059	<0.05	7.6	270	65	0.008	<10	88	43	11	1.6	35	50	13	<0.01	22	<0.001	<0.0002	<0.001	<0.001	<0.001	0.018	<0.0001	0.001	0.009	<1	<1	<1	<1	<2	<3	<10	-
SRT-BH052	SRT_BH052	31/07/2019	Normal	669059	<0.05	7.6	270	100	0.006	<10	110	30	6.3	1.6	47	42	29	<0.01	6.9	<0.001	<0.0002	<0.001	0.001	<0.001	<0.005	<0.0001	0.001	0.015	<1	<1	<1	<1	<2	<3	<10	-
SRT-BH059	SRT_BH059	31/07/2019	Normal	669059	<0.05	7.8	270	8.3	<0.005	<10	200	62	9.4	6.6	13	26	17	<0.01	3.1	<0.001	<0.0002	0.001	<0.001	<0.001	<0.005	<0.0001	<0.001	<0.005	<1	<1	<1	<1	<2	<3	<10	-
SRT-BH063	SRT_BH063	29/07/2019	Normal	669059	<0.05	7	460	33	<0.005	<10	300	54	35	5.7	68	66	51	<0.01	0.07	<0.001	<0.0002	<0.001	0.003	<0.001	<0.005	<0.0001	0.009	0.018	<1	<1	<1	<1	<2	<3	<10	-
SRT-CBH015	SRT_CBH015	31/07/2019	Normal	669059	<0.05	6	130	5.1	<0.005	<10	22	2.6	5.7	3.8	22	37	42	<0.01	3.2	<0.001	<0.0002	<0.001	<0.001	<0.001	6.1	<0.0001	0.009	0.021	<1	1	<1	<1	<2	<3	<10	-
SRT-CBH017	SRT_CBH017	31/07/2019	Normal	669059	<0.05	6.8	130	79	<0.005	<10	59	11	9.8	3.4	20	50	23	<0.01	0.48	<0.001	<0.0002	<0.001	0.002	<0.001	2.1	<0.0001	0.005	0.015	<1	1	<1	<1	<2	<3	<10	-

Table 1
Summary of Groundwater Analytical Results - July 2019

					TRH - NEPM 2013							NEPM 2013 - SG Cle			TRH - NEPM 1999					RH - NEPM 1999 - SG Cleanu				PAHs																				
					F1 (C6-C10 minus BTEX)	C6-C10 Fraction	F2 (>C10-C16 minus Naphthalene)	>C10-C16 Fraction	F3 (>C16-C34 Fraction)	F4 (>C34-C40 Fraction)	>C10-C40 (Sum of Total)	>C10-C16 SG Cleanup	>C16-C34 SG Cleanup	>C34-C40 SG Cleanup	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 (Sum of Total)	C10-C14 SG Cleanup	C15-C28 SG Cleanup	C29-C36 SG Cleanup	C10-C36 (sum) SG Cleanup	Sum of polycyclic aromatic hydrocarbons	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo[b+j]fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Naphthalene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene-PAH	Phenanthrene	Pyrene	PAHs (Sum of total) - Lab calc	Total 8 PAHs (as BaP TEQ)(zero LOR) - Lab Calc
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL					20	20	50	50	100	100	100	50	100	100	20	50	100	100	100	50	100	100	100	0.0005	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																																													
2-4m					6000		NL																													NL			NL					
4-8m					6000		NL																													NL			NL					
>8m					7000		NL																													NL			NL					
NEPM 2013 Table 1C GILs, Marine Waters																																				50			50					
NHMRC Recreational Guidelines 2008 - Health																													0.1															
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)																																										5000		
Field_ID	**Location_Code**	**Sampled_Date_Time**	**Sample_Type**	**Lab_Report_Number**																																									
CSM_BH02	CSM_BH02	30/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
CSM_BH04	CSM_BH04	30/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
CSM_BH05	CSM_BH05	29/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
CSM_BH06	CSM_BH06	30/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
CSM_BH08	CSM_BH08	30/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
CSM_BH09S	CSM_BH09S	29/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
CSM_BH10S	CSM_BH10S	30/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
GASW_BH10	GASW_BH10	30/07/2019	Normal	669059	<20	<20	50	50	<100	<100	<100	<50	<100	<100	<20	50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
GASW_BH11	GASW_BH11	30/07/2019	Normal	669059	<20	<20	100	100	<100	<100	100	<50	<100	<100	<20	60	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
GASW_BH7	GASW_BH7	30/07/2019	Normal	669059	20	30	140	140	<100	<100	140	<50	<100	<100	30	80	200	<100	280	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
QC01	CSM_BH09S	29/07/2019	Interlab_D	ES1924197	<20	<20	<100	<100	<100	<100	<100	-	-	-	<20	<50	<100	<50	<50	-	-	-	-	<0.0005	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	-	<0.5
QC02	SRT_CBH015	31/07/2019	Field_D	669059	<20	<20	<50	<50	<100	<100	<100	-	-	-	<20	<50	<100	<100	<100	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
SRT-BH047	SRT_BH047	31/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
SRT-BH052	SRT_BH052	31/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
SRT-BH059	SRT_BH059	31/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
SRT-BH063	SRT_BH063	29/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
SRT-CBH015	SRT_CBH015	31/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-
SRT-CBH017	SRT_CBH017	31/07/2019	Normal	669059	<20	<20	<50	<50	<100	<100	<100	<50	<100	<100	<20	<50	<100	<100	<100	<50	<100	<100	<100	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	-

Table 1
Summary of Groundwater Analytical Results - July 2019

					Phenols																																												
					3,4-Methylphenol (m,p-cresol)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-dichlorophenol	2-chlorophenol	2-methylphenol	2-nitrophenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexyl phenol	4-chloro-3-methylphenol	4-nitrophenol	Pentachlorophenol	Phenol	tetrachlorophenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)	Organochlorine pesticides EPAVic	Other organochlorine pesticides EPAVic	4,4'-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	d-BHC	4,4 DDD	4,4 DDT	DDT+DDE+DDD - Lab Calc	Dieldrin	Endosulfan I (alpha)	Endosulfan II (beta)	Endosulfan Sulfate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL					6	10	10	3	3	30	3	3	3	10	30	100	10	30	10	3	30	10	100	1	1	0.1	0.1	0.1	0.1	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	0.1	0.1	0.1	10
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																																																	
2-4m																																																	
4-8m																																																	
>8m																																																	
NEPM 2013 Table 1C GILs, Marine Waters																			11	400																			0.004									
NHMRC Recreational Guidelines 2008 - Health							200	2000				3000							100										3					90									100	3			3000	
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)																																																	
Field_ID	**Location_Code**	**Sampled_Date_Time**	**Sample_Type**	**Lab_Report_Number**																																													
CSM_BH02	CSM_BH02	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
CSM_BH04	CSM_BH04	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
CSM_BH05	CSM_BH05	29/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
CSM_BH06	CSM_BH06	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
CSM_BH08	CSM_BH08	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
CSM_BH09S	CSM_BH09S	29/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
CSM_BH10S	CSM_BH10S	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
GASW_BH10	GASW_BH10	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
GASW_BH11	GASW_BH11	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
GASW_BH7	GASW_BH7	30/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
QC01	CSM_BH09S	29/07/2019	Interlab_D	ES1924197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QC02	SRT_CBH015	31/07/2019	Field_D	669059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SRT-BH047	SRT_BH047	31/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
SRT-BH052	SRT_BH052	31/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
SRT-BH059	SRT_BH059	31/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
SRT-BH063	SRT_BH063	29/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
SRT-CBH015	SRT_CBH015	31/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10
SRT-CBH017	SRT_CBH017	31/07/2019	Normal	669059	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	<0.1	<0.1	<0.1	<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	<0.1	<0.1	<0.1	<10

Table 1
Summary of Groundwater Analytical Results - July 2019

					OP Pesticides																																	PCBs								Herbicides
					Tokuthion	Azinphos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Total)	Dinoseb
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL					2	2	2	2	20	2	20	2	20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	20	2	2	2	2	2	1	1	1	1	1	1	1	1	100
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																																														
2-4m																																														
4-8m																																														
>8m																																														
NEPM 2013 Table 1C GILs, Marine Waters									0.009																																					
NHMRC Recreational Guidelines 2008 - Health						300	100		100					40	50	70	40		40	10	70	100	70	700		7	50	20		10	200		900	200		9		1000									
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)																																														
Field_ID	**Location_Code**	**Sampled_Date_Time**	**Sample_Type**	**Lab_Report_Number**																																										
CSM_BH02	CSM_BH02	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
CSM_BH04	CSM_BH04	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
CSM_BH05	CSM_BH05	29/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
CSM_BH06	CSM_BH06	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
CSM_BH08	CSM_BH08	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
CSM_BH09S	CSM_BH09S	29/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
CSM_BH10S	CSM_BH10S	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
GASW_BH10	GASW_BH10	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
GASW_BH11	GASW_BH11	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
GASW_BH7	GASW_BH7	30/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
QC01	CSM_BH09S	29/07/2019	Interlab_D	ES1924197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QC02	SRT_CBH015	31/07/2019	Field_D	669059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SRT-BH047	SRT_BH047	31/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
SRT-BH052	SRT_BH052	31/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
SRT-BH059	SRT_BH059	31/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
SRT-BH063	SRT_BH063	29/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
SRT-CBH015	SRT_CBH015	31/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100
SRT-CBH017	SRT_CBH017	31/07/2019	Normal	669059	<2	<2	<2	<2	<20	<2	<20	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<100