

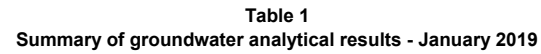
Table 2
Summary of groundwater field paramaters - January 2019

Well ID	Sampling Event	Date Measured	SWL (mbTOC)	BOC (mbTOC)	Dissolved Oxygen (ppm)	Electrical Conductivity (us/cm)	pH	Ox-Red Potential (mV)	Temperature (°C)
SRT_BH047	Event 5 - Jan 2019	17/01/2019	4.175	6.93	4.96	386.1	7.22	119.3	21.4
SRT_BH052	Event 5 - Jan 2019	17/01/2019	5.285	7.9	4.58	335.9	6.24	159.3	20.7
SRT_BH059	Event 5 - Jan 2019	18/01/2019	3.127	6	1.74	381	7.02	128.6	21.7
SRT_BH063	Event 5 - Jan 2019	17/01/2019	10.715	14.49	3.2	782	6.84	57.7	21.4
SRT_CBH015	Event 5 - Jan 2019	18/01/2019	3.72	5.91	0.81	227.9	5.4	210	21.3
SRT_CBH017	Event 5 - Jan 2019	18/01/2019	2.902	4.935	2.66	132.3	5.93	162.2	21.7



Table 1
Summary of groundwater analytical results - January 2019

				Iron speciation	Inorganics	Hardness & Alkalinity		Major Ions						Nutrients		Metals								BTEXN								TRH - NEPM 2013							
				Ferrous Iron	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	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)
				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	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.05	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	20	20	50	50	100	100	100
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																																							
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				
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								
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)					1											1	1	3	5	2	10	0.03	3	5	100	500	1000			1000									
Field_ID	Location_Code	Sampled_Date_Time	Sample_Type																																				
QA01	SRT_BH063	17/01/2019	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.0002	<0.001	0.004	<0.001	-	<0.0001	0.004	0.023	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100
QA02	SRT_CBH015	18/01/2019	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	0.0002	<0.001	0.037	0.004	-	<0.0001	0.012	0.077	<1	<2	<2	<2	<2	<2	<5	<1	<20	<20	<100	<100	<100	<100	<100
SRT_BH047	SRT_BH047	17/01/2019	Normal	0.05	0.02	<10	190	61	6.8	0.9	29	23	11	<0.01	19	<0.001	<0.0002	<0.001	0.016	0.001	<0.005	<0.0001	0.005	0.053	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100
SRT_BH052	SRT_BH052	17/01/2019	Normal	<0.05	0.02	<10	47	18	4.5	1	39	42	27	<0.01	9.1	<0.001	<0.0002	<0.001	0.32	0.019	0.029	<0.0001	0.013	0.44	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100
SRT_BH059	SRT_BH059	18/01/2019	Normal	<0.05	0.017	<10	170	64	6.1	5.9	9.5	8.1	13	<0.01	2.8	<0.001	<0.0002	<0.001	0.04	0.002	<0.005	<0.0001	0.007	0.054	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100
SRT_BH063	SRT_BH063	17/01/2019	Normal	0.05	0.018	<10	290	57	32	5.4	70	68	52	<0.01	0.13	<0.001	<0.0002	<0.001	0.047	0.003	0.011	<0.0001	0.013	0.11	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100
SRT_CBH015	SRT_CBH015	18/01/2019	Normal	0.05	0.019	<10	30	3.2	5.4	3.4	24	12	47	<0.01	3.1	<0.001	<0.0002	<0.001	0.002	<0.001	6	<0.0001	0.009	0.022	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100
SRT_CBH017	SRT_CBH017	18/01/2019	Normal	<0.05	0.017	<10	44	13	6.7	2.7	12	7.9	12	<0.01	1.9	<0.001	<0.0002	<0.001	0.002	<0.001	1.8	<0.0001	0.005	0.01	<1	<1	<1	<1	<2	<3	<10	-	<20	<20	<50	<50	<100	<100	<100

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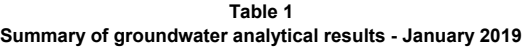
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Table 1
Summary of groundwater analytical results - January 2019

													PCBs									Herbicides
				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		
EQL				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																						
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NEPM 2013 Table 1C GILs, Marine Waters																						
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domesti																						

Field_ID	Location_Code	Sampled_Date_Time	Sample_Type	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QA01	SRT_BH063	17/01/2019	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QA02	SRT_CBH015	18/01/2019	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SRT_BH047	SRT_BH047	17/01/2019	Normal	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<100
SRT_BH052	SRT_BH052	17/01/2019	Normal	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<100
SRT_BH059	SRT_BH059	18/01/2019	Normal	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<100
SRT_BH063	SRT_BH063	17/01/2019	Normal	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<100
SRT_CBH015	SRT_CBH015	18/01/2019	Normal	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<100
SRT_CBH017	SRT_CBH017	18/01/2019	Normal	<2	<2	<2	<20	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1	<100