

Table 2  
Summary of groundwater field parameters - November 2018

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 3 - Nov 2018	26/11/2018	4.86	6.95	0.92	411.6	7.29	-38.1	19.8
SRT_BH048	Event 3 - Nov 2018	26/11/2018	4.335	6.36	1.95	226.7	5.93	32.8	19.9
SRT_BH052	Event 3 - Nov 2018	26/11/2018	5.384	7.89	4.8	308	6.4	3.7	20.2
SRT_BH059	Event 3 - Nov 2018	26/11/2018	3.96	6	4.02	384	6.72	17.6	20.2
SRT_BH063	Event 3 - Nov 2018	27/11/2018	10.75	14.54	2.5	707	6.51	25	21.5
SRT_BH082	Event 3 - Nov 2018	26/11/2018	4.95	7.93	0.15	175.8	5.44	14.9	20.2
SRT_CBH001	Event 3 - Nov 2018	26/11/2018	6.045	8.03	2.26	191.6	6.19	-675.8	21.2
SRT_CBH015	Event 3 - Nov 2018	27/11/2018	3.77	5.91	0.11	207.9	5.53	-50.9	20.1
SRT_CBH017	Event 3 - Nov 2018	26/11/2018	2.938	4.93	1.4	149.4	5.9	14.4	20.3





Table 1  
Summary of groundwater analytical results - November 2018

	RH - NEPM 1999 - SG Cleanup					PAHs															Phenols																										
	µg/L	µg/L	µg/L	µg/L	µg/L	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)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	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	
EQL	100	50	100	100	100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.5	6	10	10	3	3	30	3	3	3	10	30	100	10	30	10	3	30	10	100	1	1	0.1		
NEPM 2013 Table 1A(4) HSL D Comm/Ind GW for Vapour Intrusion, Sand																																															
2-4m																	NL			NL																											
4-8m																	NL			NL																											
>8m																	NL			NL																											
NEPM 2013 Table 1C GILs, Marine Waters																	50			50																											
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)																							5000																								
Field_ID	Location_Code	Sampled_Date_Time	Sample_Type	<100	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
QA01	SRT_BH082	26/11/2018	Field_D	<100	-	-	-	<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	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
QA02	SRT_BH063	27/11/2018	Interlab_D	<50	-	-	-	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SRT_BH047	SRT_BH047	26/11/2018	Normal	<100	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1	
SRT_BH048	SRT_BH048	26/11/2018	Normal	<100	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_BH052	SRT_BH052	26/11/2018	Normal	<100	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_BH059	SRT_BH059	26/11/2018	Normal	6400	<50	100	<100	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_BH063	SRT_BH063	26/11/2018	Normal	1920	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_BH082	SRT_BH082	26/11/2018	Normal	<100	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_CBH001	SRT_CBH001	26/11/2018	Normal	1340	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_CBH015	SRT_CBH015	26/11/2018	Normal	<100	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		
SRT_CBH017	SRT_CBH017	26/11/2018	Normal	<100	<50	<100	<100	<100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<6	<10	<10	<3	<3	<30	<3	<3	<10	<30	<100	<10	<30	<10	<3	<30	<10	<100	<1	<1	<0.1		





**Table 1**  
Summary of groundwater analytical results - November 2018

	Parathion	Phorate	Pirimiphos-methyl	Pyrazophos	Rommel	Terbufos	Trichloronate	Tetrachlorvinphos	PCBs								Herbicides	
									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	20	2	2	2	2	2	1	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																		
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NEPM 2013 Table 1C GILs, Marine Waters																		
Sydney Water Trade Waste Acceptance Standards 2018-19 (non-domestic)																		
<b>Field_ID</b>	<b>Location_Code</b>	<b>Sampled_Date_Time</b>	<b>Sample_Type</b>															
QA01	SRT_BH082	26/11/2018	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QA02	SRT_BH063	27/11/2018	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SRT_BH047	SRT_BH047	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_BH048	SRT_BH048	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_BH052	SRT_BH052	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_BH059	SRT_BH059	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	0
SRT_BH063	SRT_BH063	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_BH082	SRT_BH082	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_CBH001	SRT_CBH001	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_CBH015	SRT_CBH015	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1
SRT_CBH017	SRT_CBH017	26/11/2018	Normal	<2	<2	<20	<2	<2	<2	<2	<2	<2	<1	<1	<1	<1	<1	<1