Appendix B

Tables

Appendix B Tables

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Location ID Area	Date of Installation	Easting	Northing	Cover	TOC Elevation (m AHD)	Drilled Depth (m)	Top of screen (mbgs)	Water Strike (mbgs)	Lithology of screened section
AHEQ									
AHEQ_MW07	12/11/2018	589855.07	8613140.43	Stand pipe	12.570	12.00	9.00	9.00	Sandy clay to clay
AHEQ_MW08	1211/2018	589740.03	8613029.83	Stand pipe	10.755	15.00	9.00	12.00	Sandy clay to clay
AHEQ_MW09	18/11/2018	590321.65	8613030.46	Stand pipe	12.241	15.00	9.00	12.10	Sandy clay to clay
AHEQ_MW10	12/11/2018	589764.75	8612754.16	Stand pipe	12.751	15.00	9.00	12.00	Clay
AHEQ_MW11	13/11/2018	590447.52	8613150.89	Stand pipe	12.326	15.00	9.00	9.90	Silty clay to clay
Evans Landing									
ELN_MW09	17/11/2018	592008.29	8600051.05	Stand pipe	6.782	11.00	5.70	7.00	Gravelly to sandy clay
ELN_MW10	16/11/2018	592116.22	8600064.12	Stand pipe	6.232	11.00	5.10	6.50	Silty to sandy clay
ELS_MW28	17/11/2018	592133.64	8599952.72	Stand pipe	6.743	10.50	6.20	7.00	Sandy clay
ELS_MW29	16/11/2018	592093.62	8600015.14	Stand pipe	6.104	9.00	2.80	6.00	Gravelly clay to clayey sand
Railway Workshop									
RWW_MW06	10/11/2018	593695.39	8600691.74	Stand pipe	8.723	9.00	4.00	7.00	Sandy clay
RWW_MW07	8/11/2018	593499.12	8600491.78	Stand pipe	6.524	12.00	5.00	5.00	Sandy clay
RWW_MW08	8/11/2018	593743.61	8600455.19	Stand pipe	10.029	12.00	6.00	8.50	Sandy clay
Lorim Point									
LPI_MW25	6/11/2018	594347.94	8599943.16	Gatic	8.155	12.00	9.00	10.00	Sandy clay
LPI_MW26	6/11/2018	594408.85	8599740.15	Stand pipe	9.731	12.00	6.00	8.00	Sandy clay
LPI_MW27	6/11/2018	594334.44	8599852.35	Stand pipe	8.097	12.00	6.00	7.00	Sandy clay
LPI_MW28	7/11/2018	594158.48	8599917.95	Stand pipe	8.040	12.00	6.00	8.90	Clay to sandy clay
LPI_MW29	7/11/2018	594094.31	8599757.51	Stand pipe	8.281	12.00	5.70	7.90	Sandy clay
LPI_MW30	8/11/2018	594023.08	8599606.22	Stand pipe	5.581	9.00	4.00	5.00	Sandy clay
LPI_MW31	16/11/2018	594308.59	8599246.05	Stand pipe	5.600	9.00	5.00	6.40	Clay
LPI_MW32	6/11/2018	594362.88	8600009.03	Stand pipe	9.041	12.00	6.00	9.90	Clay to sandy clay
Weipa Airport									
AFD_MW37	13/11/2018	599671.12	8597014.14	Stand pipe	16.016	11.70	6.00	8.90	Sand to clayey sand
ALF_MW06	10/11/2018	598847.95	8596823.62	Stand pipe	13.309	12.00	6.00	6.40	Sand to clayey sand
ALF_MW07	10/11/2018	599085.35	8598095.27	Stand pipe	17.729	12.00	6.00	9.20	Clayey sand to sand
AP_MW01	17/11/2018	599285.25	8598939.90	Gatic	16.825	12.00	6.00	9.10	Sand to clayey sand
AP_MW02	17/11/2018	600967.56	8597694.74	Gatic	17.722	12.00	6.00	9.00	Sand
EWHEQ									
EWHEQ_MW06	14/11/2018	601584.16	8599842.70	Stand pipe	20.983	10.50	4.50	6.20	Clay to clayey sand
EWHEQ_MW07	14/11/2018	601719.35	8599930.84	Gatic	20.089	12.10	5.50	7.20	Sand
EWHEQ_MW08	9/11/2018	601548.72	8599499.39	Stand pipe	21.075	12.00	5.50	5.00	Clayey gravel to sandy clay
EWHEQ_MW09	9/11/2018	601409.36	8599501.70	Stand pipe	20.930	12.00	5.50	7.00	Clayey gravel to sandy clay
Potable Wells									
SA091	-	593342.92	8612921.40	-	-	-	-	-	Shallow aquifer
SA092	-	593676.45	8612564.56	-	-	-	-	-	Shallow aquifer
SA093	-	593328.53	8612941.59	-	-	-	-	-	Shallow aquifer
SA009	-	598653.50	8598441.80	-	16.24	19.10	15.10	-	Shallow aquifer
SA026	-	599576.40	8598395.80	-	17.26	17.50	14.00	-	Shallow aquifer
SA027	-	601748.40	8599523.80	-	19.66	17.80	14.80	-	Shallow aquifer
SA036	-	595329.20	8603007.60	-	6.70	11.50	9.90	-	Shallow aquifer
SA037	-	595329.60	8603046.60	-	7.14	12.80	9.90	-	Shallow aquifer
SA038	-	596738.20	8604018.20	-	8.84	11.80	8.80	-	Shallow aquifer
SA039	-	595204.90	8603068.60	-	6.37	13.80	11.40	-	Shallow aquifer
SA041	-	595283.20	8603360.70	-	8.24	16.80	14.00	-	Shallow aquifer
SA088	-	596692.90	8603628.90	-	8.79	13.30	10.70	-	Shallow aquifer
SA107	-	596515.50	8601208.70	-	9.49	14.00	11.50	-	Shallow aquifer
SA349	-	596557.90	8601667.20	-	10.89	14.00	11.50	-	Shallow aquifer
SA350	-	596208.90	8603152.20	-	8.32	14.00	11.50	-	Shallow aquifer
SA351	-	595274.40	8602912.70	-	4.37	14.00	11.50	-	Shallow aquifer
SA110	-	593531.33	8600364.77	-	7.69	20.60	17.60	-	Shallow aquifer
SA012	-	594337.70	8600067.80	-	8.32	17.50	14.70	-	Shallow aquifer
SA013	-	594638.30	8600457.80	-	9.76	17.20	14.20	-	Shallow aquifer
SA015	-	594493.90	8599659.80	-	9.13	18.50	14.50	-	Shallow aquifer
SA017	-	594144.80	8600427.20	-	9.20	19.50	15.30	-	Shallow aquifer
SA020	-	594474.00	8600449.80	-	9.58	19.50	15.30	-	Shallow aquifer
SA014	-	594448.70	8599852.80	-	8.77	19.00	15.00	-	Shallow aquifer

Well ID	Easting	Northing	Top of Casing Elevation (mAHD)	Gauging Date	Total Depth (mbtoc)	Depth to Water (mbtoc)	Corrected Groundwater Elevation (mAHD)
Andoom HEQ							
AHEQ MW01	590179.813	8613616.482	15.585	22/11/2018	13.42	*Dry*	-
AHEQ MW02	590017.708	8613532.352	15.197	22/02/2019	24.7	5.743	9.454
AHEQ MW03	590160.693	8613426.977	14.401	22/11/2018	18.320	13.235	1.166
AHEQ MW04	589996.702	8613402.017	14.397	23/11/2018	16.190	12.998	1.399
AHEQ MW05	589878.796	8613038.926	11.342	22/11/2018	13.330	10.439	0.903
AHEQ MW06	590104.580	8613164.089	11.509	22/11/2018	13.350	10.706	0.803
AHEQ MW07	589855.066	8613140.425	12.570	22/11/2018	12.620	10.923	1.647
				22/02/2019	12.620	2.726	9.844
AHEQ MW08	589740.030	8613029.826	10.755	22/11/2018	15.670	9.650	1.105
				22/02/2019	15.490	1.511	9.244
AHEQ MW09	590321.650	8613030.462	12.241	22/11/2018	15.78	10.586	1.655
				22/02/2019	15.6	3.01	9.231
AHEQ MW10	589764.747	8612754.158	12.751	22/11/2018	15.600	11.916	0.835
				22/02/2019	15.640	4.177	8.574
AHEQ MW11	590447.515	8613150.888	12.326	22/11/2018	15.5	10.444	1.882
				22/02/2019	15.81	2.765	9.561
ASB MW08	590253.000	8613845.000	17.014	22/11/2018	19.24	13.708	3.306
				22/02/2019	19.19	6.974	10.040
ASB MW10	590414.000	8613754.000	16.905	22/11/2018	19.28	13.874	3.031
				22/02/2019	19.31	6.915	9.990
ASB MW21	590557.328	8613400.432	13.324	22/11/2018	13.78	11.464	1.860
				22/02/2019	13.67	3.745	9.579
ASB MW22	589882.710	8613816.276	14.908	22/11/2018	20.56	13.172	1.736
Evans Landing							
ELS MW18	592051.470	8599927.226	7.040	26/11/2018	11.860	6.757	0.283
ELS MW19	592017.957	8599824.345	4.794	26/11/2018	10.040	4.462	0.332
				23/02/2019	10.000	3.335	1.459
ELS MW21	592156.407	8599862.987	5.450	26/11/2018	4.710	*Dry*	-
				23/02/2019	8.770	4.120	1.330
ELS MW28	592133.638	8599952.715	6.743	26/11/2018	10.780	6.406	0.337
				23/02/2019	10.730	4.880	1.863
ELS MW29	592093.616	8600015.139	6.104	26/11/2018	9.440	5.833	0.271
				23/02/2019	9.430	4.046	2.058
ELL MW28	591857.199	8599809.376	5.846	26/11/2018	4.900	*Dry*	-
				23/02/2019	6.700	4.260	1.586
ELL MW29	591829.621	8599883.290	7.472	23/02/2019	9.680	5.460	2.012
ELL MW32	591923.398	8599871.782	7.077	26/11/2018	9.860	6.849	0.228
				23/02/2019	10.820	5.136	1.941
ELN MW04	591840.000	8600057.000	9.515	26/11/2018	10.33	9.371	0.144
ELN MW06	591837.222	8599943.279	7.295	26/11/2018	10.270	7.149	0.146
ELN MW07	591948.881	8599939.911	7.518	26/11/2018	10.630	7.295	0.223
				23/02/2019	10.600	5.416	2.102
ELN MW09	592008.292	8600051.053	6.782	26/11/2018	10.560	6.583	0.199
				23/02/2019	10.900	4.523	2.259
ELN MW10	592116.216	8600064.124	6.232	26/11/2018	10.850	5.982	0.250
				23/02/2019	10.830	3.985	2.247
ELN MW30	591982.000	8600221.000	10.237	26/11/2018	10.840	9.430	0.807
Evans Landing - Landfill							
MB8	591039.000	8600137.000	5.040	21/02/2019	6.180	2.752	2.288
MB7	590876.000	8600202.000	4.920	21/02/2019	6.400	2.889	2.031
MB18	590693.000	8600162.000	5.245	21/02/2019	6.230	3.699	1.546
MB13	590664.000	8600794.000	4.661	21/02/2019	6.070	2.003	2.658
MB2	590942.000	8600031.000	4.681	21/02/2019	3.840	2.922	1.759
MB5	590764.000	8600480.000	4.655	21/02/2019	6.310	2.297	2.358
MB9	591075.000	8600280.000	4.814	21/02/2019	6.300	2.020	2.794
Railway Workshop							
RWW MW01	593648.446	8600568.256	8.534	18/11/2018	8.78	7.416	1.118
RWW MW02	593667.766	8600629.763	9.429	18/11/2018	10.63	8.237	1.192
RWW MW03	593716.707	8600612.739	8.092	18/11/2018	9.04	6.879	1.213
RWW MW04	593744.398	8600612.783	8.110	18/11/2018	8.8	7.001	1.109
RWW MW05	593712.840	8600567.389	8.599	18/11/2018	8.93	7.434	1.165
RWW MW06	593695.386	8600691.736	8.723	19/11/2018	9.61	7.469	1.254
RWW MW07	593499.117	8600491.778	6.524	18/11/2018	11.14	5.637	0.887
RWW MW08	593743.608	8600455.193	10.029	18/11/2018	12	8.959	1.070

Lorim Point							
LPI MW04	594125.000	8599505.000	8.643	24/11/2018	9.500	8.085	0.558
				23/02/2019	9.120	7.404	1.239
LPI MW05	594152.000	8599483.000	8.876	23/02/2019	10.580	7.151	1.725
LPI MW07	594219.000	8599640.000	7.851	24/11/2018	9.500	7.170	0.681
LPI MW17	594286.000	8599535.000	8.205	24/11/2018	5.661	7.715	0.490
				23/02/2019	9.43	5.661	2.544
LPI MW19	594249.000	8599433.000	11.126	23/02/2019	11.080	7.195	3.931
LPI MW21	594328.008	8599687.603	8.659	24/11/2018	10.03	7.893	0.766
				23/02/2019	8.95	5.025	3.634
LPI MW24	594229.986	8599438.114	10.195	24/11/2018	11.200	8.606	1.589
LPI MW25	594347.937	8599943.162	8.155	24/11/2018	12.070	7.324	0.831
				23/02/2019	12.060	3.453	4.702
LPI MW26	594408.845	8599740.148	9.731	24/11/2018	12.530	8.211	1.520
				23/02/2019	12.540	4.981	4.750
LPI MW27	594334.441	8599852.351	8.097	24/11/2018	12.530	7.301	0.796
				23/02/2019	12.510	3.760	4.337
LPI MW28	594158.478	8599917.953	8.040	24/11/2018	12.460	7.400	0.640
				23/02/2019	12.680	3.974	4.066
LPI MW29	594094.313	8599757.509	8.281	24/11/2018	12.200	7.672	0.609
				23/02/2019	12.220	5.400	2.881
LPI MW30	594023.079	8599606.215	5.581	24/11/2018	8.470	5.030	0.551
				23/02/2019	8.440	3.425	2.156
LPI MW31	594308.590	8599246.045	5.600	24/11/2018	9.700	5.116	0.484
				23/02/2019	9.680	3.975	1.625
LPI MW32	594362.882	8600009.032	9.041	24/11/2018	12.660	8.313	0.728
				23/02/2019	12.660	4.075	4.966
LPW MW12	594787.000	8599271.000	9.948	22/02/2019	11.550	7.264	2.684
LPW MW13	594877.000	8599204.000	9.439	22/02/2019	10.720	7.246	2.193
LPW MW33	594783.000	8599247.000	10.144	22/02/2019	12.300	7.466	2.678
Weipa Airport							
AFD MW22	600505.000	8597828.000	19.931	24/11/2018	9.950	*Dry*	-
				22/02/2019	9.960	7.765	12.166
AFD MW36	600493.000	8597809.000	19.825	24/11/2018	12.670	10.596	9.229
				22/02/2019	12.570	7.713	12.112
AFD MW37	599671.120	8597014.135	16.016	24/11/2018	12.180	9.960	6.056
				22/02/2019	12.150	7.670	8.346
ALF MW01	599725.000	8598263.000	18.807	24/11/2018	11.82	10.218	8.589
				22/02/2019	11.72	6.991	11.816
ALF MW02	599754.000	8598078.000	18.402	24/11/2018	9.18	*Dry*	-
				22/02/2019	9.86	7.715	10.687
ALF MW03	599902.000	8598213.000	18.291	24/11/2018	9.92	*Dry*	-
				22/02/2019	11.9	6.92	11.371
ALF MW04	599862.000	8598071.000	18.022	24/11/2018	12.1	10.016	8.006
				22/02/2019	11.99	7.034	10.988
ALF MW06	598847.954	8596823.622	13.309	24/11/2018	12.410	8.925	4.384
				22/02/2019	12.370	6.840	6.469
ALF MW07	599085.353	8598095.268	17.729	24/11/2018	12.460	10.865	6.864
				22/02/2019	12.440	7.652	10.077
AP MW01	599285.250	8598939.903	16.825	24/11/2018	11.62	9.239	7.586
				22/02/2019	11.54	5.269	11.556
AP MW02	600967.559	8597694.743	17.722	24/11/2018	11.6	8.399	9.323
				22/02/2019	11.47	5.55	12.172
East Weipa HEQ							
EWHEQ MW01	601725.406	8599765.414	19.547	23/11/2018	10.750	7.730	11.817
				22/02/2019	-	2.450	17.097
EWHEQ MW02	601587.432	8599742.001	19.571	23/11/2018	10.580	8.036	11.535
EWHEQ MW04	601556.244	8599795.014	18.913	23/11/2018	10.68	7.333	11.580
EWHEQ MW05	601512.114	8599716.591	18.101	23/11/2018	9.3	6.733	11.368
EWHEQ MW06	601584.156	8599842.703	20.983	23/11/2018	10.840	8.835	12.148
				22/02/2019	10.810	3.523	17.460
EWHEQ MW07	601719.349	8599930.835	20.089	23/11/2018	11.200	7.568	12.521
				22/02/2019	11.190	1.203	18.886
EWHEQ MW08	601548.715	8599499.391	21.075	23/11/2018	12.55	9.457	11.618
				22/02/2019	12.52	4.304	16.771
EWHEQ MW09	601409.36	8599501.697	20.930	23/11/2018	11.02	9.457	11.473
				22/02/2019	11.02	4.34	16.590

Well ID	Date	pH	Temperature (°C)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (mg/L)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)*
Andoom HEQ							
AHEQ MW03	23/11/2018	4.76	29.5	193.7	125.9	1.87	212.2
AHEQ MW04	23/11/2018	6.38	31.8	595	386.8	1.04	-2.5
AHEQ MW05	22/11/2018	4.84	32.3	345.1	224.3	1.95	224.8
AHEQ MW06	22/11/2018	5.37	29.3	126.9	82.5	2.35	201
AHEQ MW07	22/11/2018	4.90	30.1	221.1	143.7	2.94	224.7
AHEQ MW08	22/11/2018	4.98	30.9	120.8	78.5	1.92	216.3
AHEQ MW09	22/11/2018	4.49	30.3	111.5	72.5	6.22	246.1
AHEQ MW10	22/11/2018	5.20	33	119.9	77.9	3.71	211.2
AHEQ MW11	23/11/2018	4.45	29.8	94.4	61.4	2.1	247.7
ASB MW08	22/11/2018	4.58	31.2	342	222.3	2.44	236.4
ASB MW10	22/11/2018	4.41	34.4	144.8	94.1	0.17	216.9
ASB MW21	23/11/2018	4.3	30.4	115.1	74.8	0.59	250.6
ASB MW22	22/11/2018	4.44	30	122.5	79.6	7.22	244.9
Evans Landing							
ELS MW19	27/11/2018	6.1	30.9	2059	1338.4	0.06	16.6
ELL MW32	27/11/2018	4.9	31.3	150.4	97.8	0.14	200.4
ELN MW04	26/11/2018	4.35	31.4	81.6	53.0	0.96	213.8
ELN MW06	27/11/2018	4.47	30.4	102.9	66.9	0.76	259.5
ELN MW07	27/11/2018	5.35	30.8	176.5	114.7	0.12	144
ELN MW09	26/11/2018	4.52	30	63.7	41.4	1.3	194.1
ELN MW10	26/11/2018	4.32	30.7	34.1	22.2	4.11	217.7
ELS MW28	26/11/2018	5.02	29.7	101.8	66.2	2.1	193.2
ELS MW29	26/11/2018	4.72	30.4	69	44.9	3.62	199.9
ELN MW30	26/11/2018	3.91	30.2	71.8	46.7	0.46	209
ELS MW18	27/11/2018	4.46	31.7	98	63.7	1.77	224.3
ELS MW21	19/02/2019	4.74	30.6	131.9	85.7	1.82	362.4
ELS MW25	22/02/2019	5.02	31.2	419	272.4	2.03	181.2
Evans Landing Landfill							
MB5	21/02/2019	6.02	31	98.2	63.8	0.21	182.4
MB7	21/02/2019	4.73	31.3	195.3	126.9	3.15	286.6
MB9	22/02/2019	4.87	28.3	54.3	35.3	2.84	185.2
MB13	21/02/2019	5.12	30.4	62.8	40.8	1.89	256.5
MB18	21/02/2019	5.57	28.9	104.3	67.8	4.08	188.9
Railway Workshop							
RWW MW01	18/11/2018	3.74	30.6	68.3	44.4	1.65	366.3
RWW MW02	18/11/2018	3.72	31.2	90	58.5	0.79	363.7
RWW MW03	18/11/2018	4.12	30.8	90	58.5	1.25	365.8
RWW MW04	18/11/2018	4.29	30.3	109.9	71.4	2.03	374.5
RWW MW05	18/11/2018	4.34	29.9	85.1	55.3	1.87	384.7
RWW MW06	19/11/2018	5.57	29.4	249.3	162.0	0.48	272.4
RWW MW07	18/11/2018	5.08	30.7	122.2	79.4	0.73	300.1
RWW MW08	18/11/2018	3.97	31.1	80.3	52.2	2.05	345.8
Lorim Point							
LPI_MW07	25/11/2018	5.44	32.9	195.1	126.8	0.11	78.5
LPI_MW19	25/11/2018	4.53	30.4	85.4	55.5	4.17	223.4
LPI_MW21	25/11/2018	4.7	31.8	85.6	55.6	1.18	204.5
LPI_MW25	25/11/2018	5.99	31.8	214.3	139.3	2.33	184.2
LPI_MW26	25/11/2018	4.2	30.4	75.8	49.3	2.61	213.2
LPI_MW27	25/11/2018	4	29.9	108.9	70.8	2.33	218.4
LPI_MW28	25/11/2018	5	31.9	63.4	41.2	6.44	198.8
LPI_MW29	25/11/2018	4.58	31.4	67.7	44.0	3.59	204
LPI_MW30	25/11/2018	4.57	31.2	75.7	49.2	6.83	232
LPI_MW31	24/11/2018	5.13	29.7	106.7	69.4	2.51	178.5
LPI_MW32	25/11/2018	4.16	30.6	118.5	77.0	1.19	212.5
LPW_MW33	22/02/2019	5.05	29.5	74.8	48.6	3.44	150.4
Weipa Airport							
AFD_MW22	19/02/2019	5.1	31	36.7	23.9	4.84	344.4
AFD_MW36	24/11/2018	4.61	30.2	28.2	18.3	6.92	247.5
ALD_MW37	24/11/2018	4.71	30.8	28	18.2	3.28	224.2
ALF_MW01	24/11/2018	3.9	31.7	19	12.4	2.54	215.6
ALF_MW02	22/02/2019	5.9	30	122.6	79.7	5.51	104.6
ALF_MW03	19/02/2019	4.5	31.5	42.6	27.7	4.52	388.1
ALF_MW04	24/11/2018	4.6	31.5	32	20.8	4.85	214.8
ALF_MW06	24/11/2018	4.37	31.1	29.1	18.9	6.22	261.2
ALF_MW07	24/11/2018	4.47	30.6	22.3	14.5	5.86	278.9
AP_MW01	24/11/2018	3.98	32	24.9	16.2	5.85	216.6
AP_MW02	24/11/2018	3.65	32.2	23.9	15.5	6.06	229
East Weipa HEQ							
EWHEQ_MW01	23/11/2018	4.60	29.4	21.4	13.9	4.07	259.1
EWHEQ_MW02	23/11/2018	4.69	29.8	21.9	14.2	5.22	256.5
EWHEQ_MW04	23/11/2018	3.38	29.7	23.4	15.2	0.65	285.2
EWHEQ_MW05	23/11/2018	3.87	30	27.7	18.0	0.5	242.3
EWHEQ_MW06	23/11/2018	4.82	30.3	20.1	13.1	4.83	254.3
EWHEQ_MW07	23/11/2018	4.96	30.1	20.1	13.1	6.05	260.6
EWHEQ_MW08	23/11/2018	4.02	30.4	36	23.4	4.83	216.1
EWHEQ_MW09	23/11/2018	3.65	29.4	25.5	16.6	1.62	238.5
Potable Bores							
SA027	Nov-18	4.36	28.7	20.8	13.52	6.38	249.2
SA027	Feb-19	5.46	28.7	39.1	25.415	0.52	391.7
SA026	Nov-18	4.96	30.7	29.7	19.305	6.57	228.7
SA026	Feb-19	5.35	31	34.7	22.555	4.05	383
SA037	Feb-19	5.22	30.2	95	61.75	3.75	386.9
SA036	Feb-19	4.51	29.8	78	50.7	1.87	424.6
SA351	Feb-19	5.07	27.1	153.2	99.58	6.95	384.8
SA349	Feb-19	5.01	37.2	60.3	39.195	2.38	370.4
SA107	Feb-19	4.79	31.3	54.9	35.685	3.83	399.4
SA038	Feb-19	4.46	30.1	55.7	36.205	3.75	435.9
SA041	Feb-19	5.56	39.6	102.3	66.495	0.84	210.9
SA039	Feb-19	4.98	31	188.7	122.655	3.78	394.9
SA110	Feb-19	5.07	31.5	139.7	90.805	5.36	384.4
SA017	Feb-19	5.1	32.8	137.1	89.115	3.2	382.6
SA020	Feb-19	5	29.9	106.5	69.225	2.86	391.1
SA013	Feb-19	5.34	29.5	99.7	64.805	3.99	362.1
SA012	Nov-18	4.81	30.3	114.5	74.425	3.39	231.5
SA012	Feb-19	4.77	29.7	125.1	81.315	3.1	404.3
SA015	Nov-18	5.53	35.3	193.1	125.515	1.57	83.9
SA091	Feb-19	5.85	28.8	126.7	82.355	4.47	342.4
SA350	Feb-19	6.47	28.3	122.7	79.755	0.43	5.7
SA014	Feb-19	7.44	35.7	587	381.55	2.22	174.3
SA005	Nov-18	4.79	29.6	34.3	22.295	3.6	220.2
RN109710	Nov-18	4.25	29.7	27.4	17.81	3.02	273.3

Location ID	Tide	Date	pH	Temperature (°C)	Electrical Conductivity (µS/cm)	Total Dissolved Solids (TDS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)*
EMB/EV/OSA	High	21/11/2018	8.32	30.9	63994	41596	4.54	141.8
EMB/EV/OSA	Low	21/11/2018	8.22	30.2	63818	41482	3.74	167.3
EMB/EV/OSA	High	19/02/2019	6.29	29.4	2309	1501	4.35	396.4
EMB/EV/OSA	Low	19/02/2019	7.07	32.6	39203	25482	4.19	282.1
EMB/EV/OSB	High	21/11/2018	8.36	30.4	63106	41019	4.51	141.7
EMB/EV/OSB	Low	21/11/2018	6.65	30.3	62657	40727	4.17	216.1
EMB/EV/OSB	High	19/02/2019	7.33	30	2184	1420	-	341.6
EMB/EV/OSB	Low	19/02/2019	7.53	31.6	39000	25350	4.94	272.1
EMB/EV/OSC	High	21/11/2018	8.37	30.5	63254	41115	3.66	141
EMB/EV/OSC	Low	21/11/2018	7.74	29.8	63072	40997	3.83	182.2
EMB/EV/OSC	High	19/02/2019	7.66	30.3	374.8	244	4.3	321.2
EMB/EV/OSC	Low	19/02/2019	7.74	31.5	39058	25388	4.65	270.3
EMB/LP/OSA	High	21/11/2018	8.31	31	64655	42026	3.9	142.5
EMB/LP/OSA	Low	21/11/2018	8.28	30.2	64199	41729	3.12	154.5
EMB/LP/OSA	High	19/02/2019	7.85	29.9	158.5	103	-	293.4
EMB/LP/OSA	Low	19/02/2019	7.82	31.4	36837	23944	4.44	272
EMB/LP/OSB	High	21/11/2018	8.34	30.5	63537	41299	4.11	143.5
EMB/LP/OSB	Low	21/11/2018	8.27	30.1	645.8	420	3	155.2
EMB/LP/OSB	High	19/02/2019	7.85	30.3	155.8	101	4.82	301.1
EMB/LP/OSB	Low	19/02/2019	7.81	31.7	37829	24589	4.32	269.5
EMB/LP/OSC	High	21/11/2018	8.36	30.4	63175	41064	3.89	142.5
EMB/LP/OSC	Low	21/11/2018	8.26	30.4	64468	41904	2.99	160.4
EMB/LP/OSC	High	19/02/2019	7.8	30.2	213.4	139	3.68	308.1
EMB/LP/OSC	Low	19/02/2019	7.79	31.6	38331	24915	5.11	269.3
EMB/EV/NSA	High	21/11/2018	8.17	33.3	67605	43943	4.89	135.1
EMB/EV/NSA	Low	21/11/2018	8.26	30.1	63607	41345	3.36	163.6
EMB/EV/NSA	High	19/02/2019	7.99	28	41198	26779	3.34	233
EMB/EV/NSA	Low	19/02/2019	8.08	32.4	37163	24156	6.74	233.4
EMB/EV/NSB	High	19/02/2019	7.98	31.3	41020	26663	5.92	233.6
EMB/EV/NSB	Low	19/02/2019	8.09	32.5	38335	24918	6.8	233.6
EMB/EV/NSC	High	19/02/2019	8.11	31.4	41883	27224	6.12	231.2
EMB/EV/NSC	Low	19/02/2019	8.18	33	39300	25545	7.32	234.1
EMB/LP/NSA	High	19/02/2019	7	29.5	37539	24400	4.04	285.2
EMB/LP/NSA	Low	19/02/2019	8.3	32.6	38106	24769	7.52	228.1
EMB/LP/NSB	High	19/02/2019	7.59	30.6	40572	26372	3.32	251.5
EMB/LP/NSB	Low	19/02/2019	8.05	33.1	35716	23215	6.96	223
EMB/LP/NSC	High	19/02/2019	8	31.2	42414	27569	4.1	237.3
EMB/LP/NSC	Low	19/02/2019	8.11	33.1	36129	23484	6.8	223.1
SW/BEN/UPS	-	1/11/2018		29	32.1	21	2.9	338.2
SW/BEN/MID	-	1/11/2018	6.17	29.4	447.1	291	1.44	295.9
SW/BEN/DOS	-	19/02/2019	7.76	28.1	3870	2516	6.22	239.4
PR/EWM/WP	-	19/02/2019	7.33	29.1	166.9	108	5.3	233.2
PR/EWM/WP/DOS	-	19/02/2019	6.53	27	72.2	47	0.75	241.6
PR/AND/WS	-	19/02/2019	6.1	29.2	282.8	184	4.15	171.5
PR/AND/WS/DOS	-	1/11/2018	6.23	34.8	334.8	218	0.73	188.7

		Chemical	PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MEFOSE	MEFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS	Content
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
		LOR	0.002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.1
NEMP 2018 Human Health Industrial			20				50																										
NEMP 2018 Interim Ecological Soil Industrial				0.14																													
Location	Depth (mbgl)	Date Sampled																															
Andoom HEQ																																	
AHEQ_MW07	0.4-0.5	12/11/2018	0.0076	0.007	0.0006	0.0008	0.0006	<0.001	<0.0002	<0.0002	<0.0002	0.001	0.001	0.0003	0.0003	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0116	12.2
AHEQ_MW07	7.2-7.3	14/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	28.7
AHEQ_MW08	0.4-0.5	12/11/2018	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	13.6
AHEQ_MW08	1.4-1.5	12/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	18.9
AHEQ_MW09	12.1-12.2	18/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	37.2
AHEQ_MW09	0.4-0.5	15/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	21.2
AHEQ_MW10	0.9-1	12/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	13
AHEQ_MW10	2.9-3	12/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	12.3
AHEQ_MW11	0.9-1	12/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	15
AHEQ_MW11	2.9-3	13/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	7.8
AHEQ_SS01	0-0.1	14/11/2018	0.147	0.0071	0.14	0.0066	0.01	0.005	0.0024	0.0038	0.0026	0.0037	0.0037	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0154	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.2	7.1
AHEQ_SS02	0-0.1	14/11/2018	0.0185	0.0173	0.0012	0.0003	0.0004	<0.001	<0.0002	<0.0002	0.0003	0.0004	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0202	7.3
AHEQ_SS03	0-0.1	14/11/2018	0.0012	0.0012	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0008	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.002	9
AHEQ_SS04	0-0.1	14/11/2018	1.14	0.618	0.519	0.0392	0.016	<0.001	0.0186	0.024	0.0332	0.0039	0.0022	<0.0002	0.0005	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	1.26	4.8
AHEQ_SS04	0.1-0.2	14/11/2018	0.501	0.135	0.366	0.0205	0.0114	<0.001	0.0124	0.0169	0.0157	0.003	0.0016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.582	8.3
AHEQ_SS05	0-0.1	14/11/2018	0.0396	0.0064	0.0332	0.0014	0.0066	<0.001	0.0003	0.0006	0.0023	0.0005	0.0006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0137	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0656	7.8
AHEQ_SS05	0.1-0.2	14/11/2018	0.0322	0.0021	0.0301	0.0047	0.0032	0.001	0.0006	0.0017	0.0008	0.001	0.0012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0079	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0543	7.4
AHEQ_SS06	0-0.1	14/11/2018	0.158	0.0694	0.089	0.0231	0.0074	<0.001	0.0239	0.0082	0.0046	0.0141	0.0023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.242	7.5
AHEQ_SS06	0.1-0.2	14/11/2018	0.0748	0.0111	0.0637	0.0343	0.0025	<0.001	0.0199	0.0125	0.0011	0.0061	0.0027	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.154	9.5
AHEQ_SS07	0-0.1	14/11/2018	0.0074	0.007	0.0004	0.0007	0.0014	<0.001	<0.0002	<0.0002	<0.0002	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.018	0.0008	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0293	6
AHEQ_SS07	0.1-0.2	14/11/2018	0.053	0.047	0.006	0.0015	0.0022	0.001	0.0002	0.0002	0.0015	0.001	0.0005	<0.0002	0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0101	0.0009	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0723	7.6
Evans Landing																																	
ELN_MW09	0.4-0.5	15/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	14.8
ELN_MW09	1.4-1.5	15/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	12.2
ELN_MW10	0.4-0.5	16/11/2018	0.0041	0.0041	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0041	13.5
ELN_MW10	0.9-1	16/11/2018	0.0008	0.0008	<0.0002	0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.001	17.7
ELN_MW10	1.9-2	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	9.3
ELN_MW10	2.9-3	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	8.8
ELS_MW28	0.4-0.5	15/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	20
ELS_MW28	10.4-10.5	14/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	28.8
ELS_MW29	0.4-0.5	15/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	11.3
ELS_MW29	1.4-1.5	15/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	10.3
ELN_SS01	0.1-0.2	17/11/2018	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0003	14.4
ELN_SS02	0-0.1	16/11/2018	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	6.3
ELN_SS03	0-0.1	16/11/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	11.8
ELS_SS01	0-0.1	17/11/2018	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0003	5.4
ELS_SS02	0.1-0.2	17/11/2018	0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0002	7.8
ELS_SS03	0-0.1	16/11/2018	0.0025	0.0018	0.0007	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0025	2.7
ELS_SS03	0.1-0.2	16/11/2018	0.0004	0.0002	0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	5.4
ELS_SS04	0-0.1	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	7.8
ELS_SS04	0.1-0.2	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	8.6
ELS_SS05	0.1-0.2	17/11/2018	0.0003	0.0003	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0003	11.3
Railway Workshop																																	
RWW_MW06	0.9-1	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	17.5
RWW_MW06	8.2-8.3	10/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	55.1
RWW_MW07	0.4-0.5	8/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	11.7
RWW_MW07	2.9-3	8/11/2018	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0005	10
RWW_MW08	0-0.1	8/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	1.4
RWW_MW08	8.9-9	8/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	32.9
RW_SS01	0-0.1	14/11/2018	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	12.2
RW_SS02	0.1-0.2	14/11/2018	0.0007	0.0005	0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0007	14.2
RW_SS03	0-0.1	14/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	8.4
RW_SS04	0.1-0.2	20/11/2018	0.0007	0.0007	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0007	2.6
Lorim Point																																	
LPI_MW31	0.4-0.5	18/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	15.6
LPI_MW31	2.9-3	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	4.5
LPI_MW24	1.4-1.5	6/11/2018	0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0002	14.6
LPI_MW24	2.9-3	6/11/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	13.6
LPI_MW25	1.9-2	5/11/2018	0.003	0.0013	0.0017	0.0003	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0039	8.2
LPI_MW25	5.9-6	5/11/2018	0.0005	0.0005	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0005	15.8
LPI_MW26	0.9-1	6/11/2018	0.0003	<0.0002	0.0003	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0003	17.8
LPI_MW26	1.4-1.5	6/11/2018	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	9.6
LPI_MW27	0-0.1	5/11/2018	0.0187	0.0181	0.0006	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0007	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0194	2.1
LPI_MW27	1.4-1.5	6/11/2018	0.105	0.102	0.003	0.0005	0.0005	<0.001	<0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.106	4
LPI_MW28	0-0.1	6/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	2.2
LPI_MW28	1.4-1.5	7/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	30.3
LPI_MW29	0.4-0.5	6/11/2018	0.0004	0.0004	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	10.6
LPI_MW29	1.4-1.5	6/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	17.7
LPI_MW30	1.4-1.5	8/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	12.6
LPI_MW30	2.9-3	8/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	18.1
LP_SS01	0-0.1	16/11/2018	0.0061	0.0061	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0061	4.6
LP_SS02	0.2-0.3	16/11/2018	0.0381	0.0369	0.0012	<0.0002	0.001	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	0.0005	0.0012	0.0006	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0423	6.3
LP_SS03	0-0.1	16/11/2018	0.053	0.05	0.003	0.0006	0.0012	<0.001	0.0003	0.0002	0.0003	0.0005	0.0006	0.0004	0.0009	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.058	8.6
LP_SS03	0.1-0.2	16/11/2018	0.0462	0.0444	0.0018	0.0008	0.0015	<0.001	0.0002	<0.0002	<0.0002	0.0006	0.0009	0.0005	0.0012	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	0.0019	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0538	8.8
LP_SS04	0-0.1	17/11/2018	0.0243	0.0239	0.0004	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0246	5.2
LP_SS05	0-0.1	17/11/2018	0.0388	0.0364	0.0024	0.0003	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0034	<0.0002	0.0004	<0.0005	<0.0002	<0.0002	<0.0005	0.0016	<0.0005	<0.0005	0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0451	7.8
LP_SS05	0.1-0.2	17/11/2018	0.0621	0.0594	0.0027	0.0007	0.0007	<0.001	<0.0002	<0.0002	0.0003	0.0003	<0.0002	<0.0002	0.0061	<0.0002	0.0005	<0.0005	<0.0002	0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0713	10
LP_SS06	0-0.1	17/11/2018	0.0186	0.0172	0.0014	<0.0002	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0192	9.2
LP_SS07	0-0.1	17/11/2018	0.31	0.288	0.0218	0.0011	0.004	<0.001	0.0005	0.0012	0.0049	0.0003	0.0009	0.0002	0.027	<0.0002	0.0004	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0031	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.353	3.9
LP_SS07	0.1-0.2	17/11/2018	0.267	0.26	0.0069	0.0013	0.0043	<0.001	<0.0002	0.0003	0.0014	0.001	0.0016	0.0006	0.0099	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.289	10.5
LP_SS08	0.1-0.2	17/11/2018	0.0043	0.0037	0.0006	0.0003	0.0003	<0.001	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	0.0053	10

Chemical			PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MEFOSE	MEFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS	Content
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
LOR			0.002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.1
NEMP 2018 Human Health Industrial			**20**				**50**																										
NEMP 2018 Interim Ecological Soil Industrial				**0.14**																													
Location	**Depth (mbgl)**	**Date Sampled**																															
Weipa Airport																																	
AFD_MW37	0.9-1	18/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**11.7**
AFD_MW37	2.9-3	18/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**12**
ALF_MW06	0.4-0.5	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**11.3**
ALF_MW06	1.4-1.5	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**13**
ALF_MW07	0.9-1	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**16.7**
ALF_MW07	9.2-9.3	10/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**17.8**
AP_MW01	0.9-1	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**12**
AP_MW01	9.1-9.2	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**24.9**
AP_MW02	0.4-0.5	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**15.4**
AP_MW02	1.4-1.5	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**10.5**
AP_SS02	0-0.1	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**4.6**
AP_SS02	0.1-0.2	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**7.8**
AP_SS03	0.1-0.2	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**3.8**
AP_SS04	0.1-0.2	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**4.2**
AP_SS05	0.1-0.2	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**9.1**
AP_SS06	0.1-0.2	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**6.1**
AP_SS07	0-0.1	17/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**5.1**
AP_SS08	0-0.1	16/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**2.8**
East Weipa HEQ																																	
EWHEQ_MW06	0.4-0.5	14/11/2018	**0.0064**	**0.006**	**0.0004**	**0.0022**	**0.0012**	<0.001	<0.0002	<0.0002	<0.0002	**0.0029**	**0.0007**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0035**	**0.0061**	**0.0006**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0236**	**11.2**
EWHEQ_MW06	1.4-1.5	14/11/2018	**0.0135**	**0.0067**	**0.0068**	**0.0016**	**0.0006**	<0.001	**0.0004**	**0.0007**	<0.0002	**0.002**	**0.0003**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0191**	**14.7**
EWHEQ_MW07	0-0.1	14/11/2018	**0.0019**	**0.0012**	**0.0007**	**0.0002**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0021**	**11.4**
EWHEQ_MW07	1.4-1.5	14/11/2018	**0.0009**	**0.0007**	**0.0002**	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0009**	**15.6**
EWHEQ_MW08	0-0.1	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**2.5**
EWHEQ_MW08	0.9-1	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**12.2**
EWHEQ_MW09	0.4-0.5	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**14.6**
EWHEQ_MW09	1.4-1.5	9/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**9.8**
EWHEQ_SS01	0-0.1	19/11/2018	**0.119**	**0.107**	**0.012**	**0.0089**	**0.003**	**0.003**	**0.0083**	**0.0023**	**0.0028**	**0.0049**	**0.0008**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0129**	**0.0016**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.168**	**5**
EWHEQ_SS01	0.1-0.2	19/11/2018	**0.246**	**0.175**	**0.0705**	**0.0332**	**0.0174**	**0.003**	**0.0199**	**0.0092**	**0.013**	**0.0103**	**0.0035**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0201**	**0.0005**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.376**	**5.6**
EWHEQ_SS02	0-0.1	19/11/2018	**0.47**	**0.449**	**0.0213**	**0.0546**	**0.0047**	<0.001	**0.0227**	**0.0106**	**0.0049**	**0.0068**	**0.002**	<0.0002	**0.0035**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0364**	**0.0039**	**0.0014**	**0.0004**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.622**	**6.5**
EWHEQ_SS03	0-0.1	19/11/2018	**0.0571**	**0.0333**	**0.0238**	**0.0138**	**0.0034**	<0.001	**0.0073**	**0.0047**	**0.0017**	**0.0063**	**0.0019**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0401**	**0.0009**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.137**	**6.2**
EWHEQ_SS03	0.1-0.2	19/11/2018	**0.0691**	**0.0353**	**0.0338**	**0.0199**	**0.0035**	<0.001	**0.0092**	**0.0073**	**0.0019**	**0.0052**	**0.0024**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	**0.0008**	**0.0369**	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.156**	**6.3**
EWHEQ_SS04	0.1-0.2	19/11/2018	**0.0153**	**0.0089**	**0.0064**	**0.0021**	**0.0006**	<0.001	**0.0022**	**0.0009**	**0.0004**	**0.0023**	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0025**	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0265**	**5**
EWHEQ_SS05	0-0.1	19/11/2018	**0.0163**	**0.0158**	**0.0005**	**0.0004**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	**0.0003**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0081**	**0.0015**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0266**	**5**
EWHEQ_SS06	0-0.1	19/11/2018	**0.0015**	**0.001**	**0.0005**	**0.0002**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	**0.0004**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0041**	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0062**	**4.5**
EWHEQ_SS07	0.1-0.2	19/11/2018	**0.0065**	**0.006**	**0.0005**	**0.0016**	**0.0002**	<0.001	<0.0002	<0.0002	<0.0002	**0.0038**	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0102**	**0.0032**	**0.0009**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0266**	**7**
EWHEQ_SS08	0.1-0.2	16/11/2018	**0.0769**	**0.0633**	**0.0136**	<0.0002	**0.0022**	<0.001	<0.0002	<0.0002	**0.002**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0811**	**5.9**
EWHEQ_SS08	0-0.1	19/11/2018	**0.0182**	**0.0101**	**0.0081**	**0.0003**	**0.0008**	<0.001	<0.0002	**0.0002**	**0.0004**	<0.0002	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0005**	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0206**	**5.5**

Chemical			Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfonates	Sum of TOP C4 - C14 as Fluorine	PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS	pH (Final)
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
LOR			0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.1
NEMP 2018 Human Health Industrial					**2**				**50**																									
NEMP 2018 Human Health Public Open Space					**1**				**10**																									
NEMP 2018 Interim Soil Ecological Industrial						**0.14**																												
Location	**Depth (mbgl)**	**Date Sampled**																																
AHEQ_SS04	0-0.1	14/11/2018	**0.918**	**0.582**	**0.788**	**0.452**	**0.336**	**0.0392**	**0.0167**	<0.001	**0.0182**	**0.0216**	**0.0277**	**0.0046**	**0.0019**	<0.0002	**0.0005**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.918**	**8.5**
ELN_MW10	0.4-0.5	15/11/2018	**0.0069**	**0.0045**	**0.0066**	**0.0066**	<0.0002	**0.0003**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0069**	**8.9**
RWW_SS02	0.1-0.2	14/11/2018	**0.001**	**0.006**	**0.001**	**0.0008**	**0.0002**	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.001**	**6.3**
LP_SS07	0.1-0.2	17/11/2018	**0.352**	**0.237**	**0.294**	**0.288**	**0.0065**	**0.0152**	**0.0187**	**0.004**	**0.0004**	**0.0004**	**0.0016**	**0.005**	**0.0108**	**0.0006**	**0.0128**	**0.0003**	**0.0004**	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.365**	**6.1**
EWHEQ_SS02	0-0.1	19/11/2018	**0.668**	**0.433**	**0.418**	**0.401**	**0.0171**	**0.122**	**0.0087**	**0.01**	**0.0379**	**0.0128**	**0.005**	**0.0473**	**0.0052**	**0.0003**	**0.0044**	**0.0009**	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.673**	**7.7**

Chemical			Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfonates	Sum of TOP C4 - C14 as Fluorine	PFHxS + PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS (TOPA)
Unit			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	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR			0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.02	0.02	0.05	0.05	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.02	0.01
NEMP 2018 Human Health Drinking Water					**0.07**				**0.56**																									
Location	**Depth (mbgl)**	**Date Sampled**																																
AHEQ_SS04	0-0.1	14/11/2018	**54**	**34.6**	**32.3**	**17.2**	**15.1**	**15**	**0.72**	**1**	**0.75**	**1.25**	**1.42**	**1.46**	**0.14**	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**54**
ELN_MW10	0.4-0.5	15/11/2018	**0.1**	**0.06**	**0.1**	**0.1**	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**0.1**
RWW_SS02	0.1-0.2	14/11/2018	**0.02**	**0.01**	**0.02**	**0.02**	<0.02	<0.02	<0.01	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**0.02**
LP_SS07	0.1-0.2	17/11/2018	**9.23**	**6**	**7.57**	**7.45**	**0.12**	**0.66**	**0.54**	<0.1	<0.02	<0.02	**0.04**	**0.18**	**0.21**	**0.03**	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**9.23**
EWHEQ_SS02	0-0.1	19/11/2018	**25.8**	**16.6**	**7.87**	**7.25**	**0.62**	**9.46**	**0.26**	**2.6**	**1.59**	**0.57**	**0.12**	**2.9**	**0.4**	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	**0.39**	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**26.2**

	Chemical	PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
	Unit	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
	LOR	0.0003	0.0003	0.0005	0.0005	0.0005	0.002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.0005	0.001	0.001	0.001	0.001	0.0005	0.0005	0.0003
NEMP 2018 Human Health Drinking Water		0.07				0.56																									
NEMP 2108 Ecological FW (99% species protection)			0.00023			19																									
Well ID	Date Sampled																														
Andoom HEQ																															
AHEQ_MW03	22/11/2018	0.096	0.0599	0.0361	0.0498	0.005	0.005	0.0054	0.0038	0.0009	0.0445	0.0122	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.111	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.334
AHEQ_MW04	23/11/2018	0.0522	0.0295	0.0227	0.0077	0.0013	<0.002	0.004	0.0023	<0.0005	0.0078	0.0023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.051	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.129
AHEQ_MW05	22/11/2018	0.0732	0.0478	0.0254	0.147	0.0084	0.023	0.004	0.0026	0.0007	0.243	0.0586	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.014	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.575
AHEQ_MW06	22/11/2018	0.173	0.0999	0.0729	0.133	0.0081	0.02	0.0133	0.0089	0.0022	0.185	0.0491	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.019	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.612
AHEQ_MW07	22/11/2018	0.11	0.0747	0.0353	0.0733	0.0087	0.013	0.006	0.0049	0.0015	0.0837	0.0287	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.026	0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.358
AHEQ_MW08	22/11/2018	0.134	0.0727	0.0618	0.0481	0.0046	<0.002	0.0085	0.0063	0.0018	0.0289	0.0074	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.025	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.265
AHEQ_MW09	22/11/2018	0.0063	0.003	0.0033	<0.0005	<0.0005	<0.002	<0.0005	0.0007	<0.0005	<0.0005	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.298	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.306
AHEQ_MW10	22/11/2018	0.159	0.11	0.0494	0.103	0.0111	0.023	0.0078	0.006	0.0019	0.153	0.0452	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.022	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.533
AHEQ_MW11	23/11/2018	0.0033	0.0017	0.0016	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.268	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.271
ASB_MW08	22/11/2018	0.003	0.0016	0.0014	0.0007	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.076	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0803
ASB_MW10	22/11/2018	0.0043	0.002	0.0023	0.0013	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0008	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.175	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.182
ASB_MW21	23/11/2018	0.0029	0.0014	0.0015	0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.052	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0554
ASB_MW22	22/11/2018	0.0064	0.005	0.0014	0.0008	0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.299	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.307
SA091	20/02/2019	0.002	<0.0003	0.002	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.002
Evans Landing																															
ELL_MW32	27/11/2018	0.0377	0.0251	0.0126	0.0005	0.0013	<0.002	<0.0005	0.0007	<0.0005	0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.034	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0753
ELN_MW04	26/11/2018	0.0214	0.0137	0.0077	0.0007	0.0006	<0.002	0.0008	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.006	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0303
ELN_MW06	27/11/2018	0.0018	0.0008	0.001	<0.0005	<0.0005	0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.021	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0248
ELN_MW07	27/11/2018	0.177	0.113	0.0642	0.0096	0.0068	0.011	0.0021	0.0035	<0.0005	0.0128	0.007	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.01	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.24
ELN_MW09	26/11/2018	0.377	0.288	0.0894	0.0428	0.0262	0.019	0.0036	0.0045	0.0014	0.0346	0.0275	0.0031	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.062	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.602
ELN_MW10	26/11/2018	0.0277	0.0188	0.0089	0.0008	<0.0005	<0.002	<0.005	0.0007	<0.0005	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.094	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.124
ELN_MW30	26/11/2018	0.0025	0.0009	0.0016	<0.0005	<0.0005	<0.002	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.036	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0385
ELS_MW18	27/11/2018	0.645	0.431	0.214	0.0467	0.0217	0.018	0.0115	0.0148	0.0028	0.0403	0.0183	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.013	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.834
ELS_MW19	27/11/2018	0.148	0.0907	0.0573	0.0062	0.0051	<0.002	0.0014	0.0034	<0.0005	0.0036	0.0044	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.029	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.201
ELS_MW21	19/02/2019	0.0377	0.0175	0.0202	0.0035	0.0022	<0.002	<0.0005	0.0013	0.0009	0.0015	0.0028	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0499
ELS_MW25	22/02/2019	0.0223	0.0125	0.0098	0.0012	0.0009	<0.002	<0.0005	0.0009	0.0005	0.0007	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0275
ELS_MW28	26/11/2018	0.0201	0.0132	0.0069	0.0013	<0.0005	<0.002	<0.005	0.0006	<0.0005	0.0008	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.034	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0574
ELS_MW29	26/11/2018	0.0371	0.0181	0.019	0.0046	0.0012	0.004	<0.005	0.0014	<0.0005	0.0031	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.073	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.126
Evans Landing Landfill																															
MB13	21/02/2019	0.0233	0.02	0.0033	0.0012	0.0086	<0.002	<0.0005	0.0007	0.0007	0.0009	0.0019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0373
MB18	21/02/2019	0.333	0.174	0.159	0.0345	0.0526	<0.002	0.0313	0.0172	0.0079	0.0208	0.0183	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.517
MB5	21/02/2019	0.255	0.203	0.0517	0.0125	0.0373	<0.002	0.02	0.0066	0.0051	0.0067	0.0101	0.0016	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.002	<0.001	<0.001	0.0006	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.358
MB7	21/02/2019	0.0807	0.0465	0.0342	0.0132	0.0185	<0.002	0.0135	0.0065	0.0031	0.0099	0.0064	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.153
MB9	22/02/2019	0.0252	0.0144	0.0108	0.003	0.0077	<0.002	0.0029	0.0013	0.0007	0.0009	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0435
Rail Workshop																															
RWW_MW01	18/11/2018	0.014	0.01	0.004	0.046	0.0026	0.013	0.0016	<0.0005	<0.0005	0.0589	0.0221	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.038	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.196
RWW_MW02	18/11/2018	0.0041	0.0023	0.0018	0.0012	0.0011	<0.002	0.001	<0.0005	<0.0005	0.0014	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.098	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.108
RWW_MW03	18/11/2018	0.0084	0.004	0.0044	<0.0005	<0.0005	<0.002	0.0028	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.14	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.152
RWW_MW04	18/11/2018	0.0035	0.0018	0.0017	0.0009	<0.0005	<0.002	0.0016	<0.0005	<0.0005	0.0011	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.149	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.157
RWW_MW05	18/11/2018	0.006	0.003	0.003	0.0008	<0.0005	<0.002	0.0057	<0.0005	<0.0005	0.0013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.115	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.129
RWW_MW06	19/11/2018	0.004	0.0016	0.0024	<0.0005	<0.0005	<0.002	0.0135	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.075	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0925
RWW_MW07	18/11/2018	0.225	0.176	0.049	0.0393	0.0074	0.01	0.0651	0.0054	0.0026	0.0509	0.0188	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.24	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.665
RWW_MW08	18/11/2018	0.0063	0.0022	0.0041	<0.0005	<0.0005	<0.002	0.0517	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.193	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.252
SA013	19/02/2019	0.0058	0.0023	0.0035	0.0014	<0.0005	<0.002	0.0014	0.0008	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0099
SA017	19/02/2019	0.0046	0.0022	0.0024	<0.0005	<0.0005	<0.002	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0053
SA020	19/02/2019	0.0062	0.0024	0.0038	0.0007	<0.0005	<0.002	0.0011	0.0007	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0094
SA0110	19/02/2019	0.0046	0.0013	0.0033	<0.0005	<0.0005	<0.002	0.0012	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0066
Lorim Point																															
LPI_MW07	25/11/2018	2.52	1.44	1.08	0.184	0.111	0.017	0.118	0.0901	0.061	0.0528	0.0635	0.0034	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.075	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	3.3
LPI_MW19	25/11/2018	0.0397	0.0241	0.0156	0.003	0.0041	<0.002	0.0029	0.0024	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.085	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.138
LPI_MW21	25/11/2018	0.629	0.455	0.174	0.0343	0.0287	0.006	0.0113	0.0129	0.002	0.0114	0.0201	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.016	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.772
LPI_MW25	25/11/2018	0.0289	0.0174	0.0115	0.0094	0.0021	0.004	0.0038	0.0017	<0.0005	0.014	0.0074	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.019	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0903
LPI_MW26	25/11/2018	0.0063	0.0031	0.0032	<0.0005	<0.0005	<0.002	<0.005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.077	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0838
LPI_MW27	25/11/2018	1.36	1.12	0.243	0.0914	0.0324	0.007	0.0318	0.0248	0.0156	0.0217	0.0169	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.039	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.64
LPI_MW28	25/11/2018	0.0768	0.0522	0.0246	0.012	0.0052	0.007	0.0027	0.0023	<0.0005	0.0133	0.0074	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.043	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.17
LPI_MW29	25/11/2018	0.166	0.0933	0.0732	0.0122	0.0083	0.005	0.006	0.0061	0.003	0.0057	0.006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.031	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.25
LPI_MW30	25/11/2018	0.0487	0.0133	0.0354	0.0076	0.0051	<0.002	0.0053	0.0034	<0.0005	0.0016	0.0033	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.045	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.12
LPI_MW31	24/11/2018	0.0205	0.0104	0.0101	<0.0005	<0.0005	<0.002	0.0081	0.0013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.011	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0409
LPI_MW32	25/11/2018	0.0127	0.0026	0.0101	0.0009	<0.0005	<0.002	0.0034	0.0018	<0.0005	0.0014	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.026	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0468
LPW_MW33	22/02/2019	0.0087	0.0044	0.0043	0.0007	<0.0005	<0.002	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.01
SA012	27/11/2018	0.0139	0.0066	0.0073	0.0009	<0.0005	<0.002	0.0016	0.0012	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0184
SA012	19/02/2019	0.0199	0.0087	0.0112	0.0015	<0.0005	<0.002	0.0023	0.0018	0.0005	0.0007	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0272
SA014	23/02/2019	0.0035	<0.0003	0.0035	0.0008	<0.0005	<0.002	0.0009	0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0063
SA015	27/11/2018	0.0172	0.0095	0.0077	<0.0005	0.0007	<0.002	0.0012	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0201
Weipa Airport																															
AFD_MW22	19/02/2019	0.0033	0.0018	0.0015	0.0009	0.0006	<0.002	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0056
AFD MW36	24/11/2018	0.153	0.0882	0.0647	0.0199	0.0055	<0.002	0.023	0.0128	0.0056	0.0024	0.0027	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.005	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.23
AFD_MW37	24/11/2018	0.0003	0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.007	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0073
ALF MW07	24/11/2018	0.0104	0.0025	0.0079	<0.0005	<0.0005	<0.002	0.0013	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.01	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0223
ALF_MW01	24/11/2018	0.0157	0.0099	0.0058	0.0023	0.001	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.044	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.063
ALF_MW02	22/02/2019	0.0381	0.0091	0.029	0.0036	0.0013	<0.002	0.0033	0.0032	0.0019	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0521
ALF_MW03	19/02/2019	0.0452	0.0053	0.0399	0.0109	0.0028	<0.002	0.008	0.0042	0.0019	0.0016	0.0025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0771
ALF_MW04	24/11/2018	0.0287	0.0159	0.0128	0.0009	<0.0005	0.003	0.0013	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.031	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0659
ALF_MW06	24/11/2018	0.0149	0.0057	0.0092	<0.0005	<0.0005	<0.002	0.001	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0166
AP_MW01	24/11/2018	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.05	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.05
AP_MW02	24/11/2018	0.0133	0.0078	0.0055	0.0014	0.0006	<0.002	0.0007	<0.0005	<0.0005	0.0008	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.023	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0404
SA005	27/11/2018	0.0663	0.0158	0.0505	0.0587	0.0066	0.011	0.0149	0.0107	0.0007	0.0594	0.0181	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.246
SA026	27/11/2018	0.0459	0.0271	0.0188	0.0039	0.0018	<0.002	0.0041	0.0032	0.0005	0.0009	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0613
SA026	19/02/2019	0.025	0.0127	0.0123	0.0029	0.0011	<0.002	0.0032	0.0028	0.0012	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.037
East Weipa HEQ																															
EWHEQ_MW01	23/11/2018	0.0145	0.0061	0.0084	<0.0005	<0.0005	<0.002	0.0008	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.012	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.028
EWHEQ_MW02	23/11/2018	0.043	0.0266	0.0164	0.0027	0.0006	<0.002	0.0026	0.0019	0.0008	0.0023	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.006	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0605
EWHEQ_MW04	23/11/2018	0.0817	0.0572	0.0245	0.122	0.0082	0.035	0.0047	0.0028	0.0017	0.232	0.0608	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.645	0.006	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.2
EWHEQ_MW05	23/11/2018	0.38	0.27	0.11	0.474	0.0245	0.127	0.013	0.0145	0.0086	0.727	0.026	0.0032	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.266	0.002	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	2.07
EWHEQ_MW06	23/11/2018	0.0398	0.0224	0.0174	0.0008	<0.0005	<0.002	0.0054	0.0031	0.0006	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.005	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0562
EWHEQ_MW07	23/11/2018	0.014	0.0054	0.0086	0.0022	0.0006	<0.002	0.0051	0.001	<0.0005	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.009	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0331
EWHEQ_MW08	23/11/2018	0.0729	0.0139	0.059	0.0033	0.0009	0.008	0.0109	0.0073	0.0019	0.0026	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.168	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.277
EWHEQ_MW09	23/11/2018	0.641	0.5	0.141	0.128	0.0167	0.04	0.0149	0.0149	0.0091	0.231	0.0606	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.147	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.3
RN109710	27/11/2018	0.107	0.0437	0.063	0.1	0.0075	0.024	0.008	0.0081	0.002	0.134	0.0383	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.065	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.494
RN78251	23/11/2018	0.16	0.0928	0.0669	0.111	0.0085	0.051	0.0164	0.0099	0.0051	0.222	0.061	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.018	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.663
SA027	27/11/2018	0.0448	0.0247	0.0201	<0.0005	<0.0005	<0.002	0.0014	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0476
SA027	19/02/2019	0.0095	0.0025	0.007	<0.0005	<0.0005	<0.002	0.0013	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0118
Weipa Township																															
SA036	19/02/2019	0.0006	0.0006	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0006
SA037	19/02/2019	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
SA038	19/02/2019	0.0006	<0.0003	0.0006	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0006
SA039	19/02/2019	0.0259	0.0146	0.0113	0.0009	<0.0005	<0.002	0.0019	0.0019	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0314
SA041	19/02/2019	0.0008	<0.0003	0.0008	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0008
SA107	19/02/2019	0.0012	0.0012	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0012
SA349	19/02/2019	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
SA350	21/02/2019	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
SA351	19/02/2019	0.0009	<0.0003	0.0009	<0.0005	<0.0005	<0.002	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0018

Chemical		Sum of TOP C4 - C14 Carboxylates and C4 - C8 Sulfonates	Sum of TOP C4 - C14 as Fluorine	PFHxS + PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MeFOSE	EtFOSE	MeFOSA	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS (TOPA)
Unit		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	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR		0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.02	0.02	0.05	0.05	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.02	0.01
PFAS NEMP Human Health Drinking Water				**0.07**				**0.56**																									
Well ID	**Date Sampled**																																
AHEQ_MW06	22/11/2018	**0.29**	**0.45**	**0.13**	**0.06**	**0.07**	**0.15**	**0.01**	<0.1	<0.02	<0.02	<0.02	**0.12**	**0.04**	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**0.45**
AFD_MW36	24/11/2018	**1.4**	**2.13**	**0.13**	**0.06**	**0.07**	**1.08**	**0.05**	<0.1	**0.02**	<0.02	<0.02	**0.65**	**0.18**	<0.02	<0.02	**0.02**	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**2.13**
ELS_MW18	27/11/2018	**0.8**	**1.23**	**0.65**	**0.4**	**0.25**	**0.31**	**0.03**	<0.1	<0.02	<0.02	<0.02	**0.19**	**0.05**	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**1.23**
EWHEQ_MW05	23/11/2018	**4.09**	**6.25**	**0.39**	**0.25**	**0.14**	**2.47**	**0.08**	**0.7**	**0.02**	<0.02	<0.02	**1.93**	**0.64**	**0.02**	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**6.25**
LPI_MW07	25/11/2018	**3.7**	**5.78**	**3.51**	**1.75**	**1.76**	**1.32**	**0.13**	<0.1	**0.16**	**0.19**	**0.06**	**0.29**	**0.12**	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**5.78**
RWW_MW07	18/11/2018	**2.64**	**4.01**	**0.21**	**0.14**	**0.07**	**1.71**	**0.14**	**0.4**	<0.02	<0.02	<0.02	**1.11**	**0.42**	**0.02**	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.02	<0.02	**4.01**

			Chemical	PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDcA	PFDS	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			LOR	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002
Location	**Depth (mbgl)**	**Date Sampled**	**Season**																							
Andoom HEQ																										
PR/AND/WS	0-0.1	23/11/2018	Dry	**0.0008**	**0.0008**	<0.0002	**0.0006**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	**0.0012**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0044**	**0.0031**	**0.0034**	<0.0002
PR/AND/WS/DOS	0-0.1	23/11/2018	Dry	**0.0018**	**0.0018**	<0.0002	**0.0017**	**0.0003**	<0.001	<0.0002	<0.0002	<0.0002	**0.0028**	**0.0008**	<0.0002	**0.0004**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0137**	**0.0051**	**0.0062**	<0.0002
	0-0.1	21/02/2019	Wet	**0.0008**	**0.0008**	<0.0002	**0.0017**	**0.0003**	<0.001	<0.0002	<0.0002	<0.0002	**0.0019**	**0.001**	<0.0002	**0.0004**	<0.0002	**0.0003**	<0.0005	<0.0002	**0.0003**	<0.0005	**0.0078**	**0.0014**	**0.0014**	<0.0002
Evans Landing - Embley River																										
EMB/EV/NSA	0-0.1	21/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	23/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
EMB/EV/NSB	0-0.1	27/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	23/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
EMB/EV/NSC	0-0.1	21/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	23/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
Lorim Point - Embley River																										
EMB/LP/NSA	0-0.1	21/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	23/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
EMB/LP/NSB	0-0.1	27/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	23/02/2019	Wet	**0.0003**	**0.0003**	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
EMB/LP/NSC	0-0.1	21/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	23/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
Weipa Airport - Beening Creek																										
SW/BEN/DOS	0-0.1	19/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
SW/BEN/MID	0-0.1	20/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
SW/BEN/UPS	0-0.1	21/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	**0.0007**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	20/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
East Weipa HEQ																										
PR/EWM/WP	0-0.1	27/11/2018	Dry	**0.0075**	**0.0071**	**0.0004**	**0.002**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	**0.0063**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0075**	**0.0092**	**0.228**	<0.0002
	0-0.1	19/02/2019	Wet	**0.0016**	**0.0016**	<0.0002	<0.0002	<0.0002	<0.001	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0023**	**0.0028**	**0.0041**	<0.0002
PR/EWM/WP/DOS	0-0.1	21/11/2018	Dry	**0.0028**	**0.0023**	**0.0005**	**0.003**	**0.0018**	<0.001	<0.0002	<0.0002	<0.0002	**0.0077**	**0.0017**	**0.0007**	**0.0019**	<0.0002	<0.0002	<0.0005	<0.0002	**0.0002**	<0.0005	**0.0044**	**0.0059**	**0.0047**	<0.0002
	0-0.1	19/02/2019	Wet	**0.0046**	**0.0046**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0012**	<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	**0.005**	<0.001	<0.001	<0.001
PR/EWM/02	0-0.1	21/11/2018	Dry	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002
	0-0.1	19/02/2019	Wet	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002

			Chemical	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS	MC
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
			LOR	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.1
Location	**Depth (mbgl)**	**Date Sampled**	**Season**								
Andoom HEQ											
PR/AND/WS	0-0.1	23/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0135**	**63.6**
PR/AND/WS/DOS	0-0.1	23/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0328**	**49.6**
	0-0.1	21/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0173**	**54.7**
Evans Landing - Embley River											
EMB/EV/NSA	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**18.8**
	0-0.1	23/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**19.4**
EMB/EV/NSB	0-0.1	27/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**31.6**
	0-0.1	23/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**17.2**
EMB/EV/NSC	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**14.2**
	0-0.1	23/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**19**
Lorim Point - Embley River											
EMB/LP/NSA	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**16.6**
	0-0.1	23/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**19.5**
EMB/LP/NSB	0-0.1	27/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**15**
	0-0.1	23/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0003**	**17.9**
EMB/LP/NSC	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**18.8**
	0-0.1	23/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**24.8**
Weipa Airport - Beening Creek											
SW/BEN/DOS	0-0.1	19/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**25.9**
SW/BEN/MID	0-0.1	20/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**58.4**
SW/BEN/UPS	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0007**	**60**
	0-0.1	20/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**51.9**
East Weipa HEQ											
PR/EWM/WP	0-0.1	27/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.26**	**74.3**
	0-0.1	19/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.011**	**38.4**
PR/EWM/WP/DOS	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0348**	**11.3**
	0-0.1	19/02/2019	Wet	<0.0025	<0.0025	<0.0025	<0.0025	<0.001	<0.001	**0.0108**	**59.9**
PR/EWM/02	0-0.1	21/11/2018	Dry	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**9.3**
	0-0.1	19/02/2019	Wet	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	**23.5**

Chemical			PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDcA	PFDS	PFDoDA	PFTeDA	PFTrDA	PFUnA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
Unit			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
LOR			0.0003	0.0005	0.0005	0.0005	0.002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.0005	0.001	0.001	0.001	0.001	0.0005	0.0005	0.0003
PFAS NEMP Human Health Recreational Water					**5.6**																										
PFAS NEMP Freshwater 99% Species Protection)			**0.00023**			**19**																									
Sample ID	**Date Sampled**	**Season**																													
Andoom HEQ																															
PR/AND/WS	23/11/2018	Dry	**0.0302**	**0.0156**	**0.0574**	**0.0073**	<0.002	<0.0005	<0.0005	<0.0005	**0.014**	**0.0084**	**0.0005**	**0.001**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.883**	**0.045**	**0.002**	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**1.06**
	23/11/2018	Dry	**0.0306**	**0.015**	**0.0562**	**0.0072**	<0.002	<0.0005	<0.0005	<0.0005	**0.015**	**0.0076**	**0.0007**	**0.0013**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.859**	**0.047**	**0.003**	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**1.04**
	20/02/2019	Wet	**0.0382**	**0.0107**	**0.0215**	**0.0074**	<0.002	**0.0012**	**0.0019**	**0.0013**	**0.0075**	**0.0077**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.503**	**0.032**	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.632**
PR/AND/WS/DOS	23/11/2018	Dry	**0.037**	**0.0208**	**0.204**	**0.0378**	<0.002	<0.002	<0.002	<0.002	**0.463**	**0.0956**	**0.0066**	**0.004**	<0.002	<0.002	<0.005	<0.002	<0.002	<0.002	**2.92**	**0.059**	<0.002	<0.002	<0.005	<0.005	<0.005	<0.002	<0.002	**3.85**
	21/02/2019	Wet	**0.033**	**0.0088**	**0.0579**	**0.0137**	<0.002	**0.0012**	**0.0022**	<0.0005	**0.0194**	**0.0122**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.003**	**1**	**0.084**	**0.001**	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**1.24**
Evans Landing - Embley River																															
EMB/EV/NSA_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	**0.0009**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0009**
EMB/EV/NSA_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	**0.0014**	**0.0007**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0021**
EMB/EV/NSB_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	**0.0022**	**0.0015**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0037**
EMB/EV/NSB_Low	21/11/2018	Dry	**0.0006**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0006**
	21/02/2019	Wet	**0.0018**	**0.0013**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	**0.0008**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0039**
EMB/EV/NSC_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	**0.0003**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0003**
EMB/EV/NSC_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	**0.0039**	**0.0008**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	**0.0007**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0054**
EMB/EV/OSA_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/EV/OSA_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/EV/OSB_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/EV/OSB_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/EV/OSC_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/EV/OSC_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
Lorim Point - Embley River																															
EMB/LP/NSA_High	21/11/2018	Dry	**0.0003**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0003**
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/NSA_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	**0.0004**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0004**
EMB/LP/NSB_High	21/11/2018	Dry	**0.0008**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0008**
	21/02/2019	Wet	**0.0012**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0012**
EMB/LP/NSB_Low	21/11/2018	Dry	**0.0004**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0004**
	21/02/2019	Wet	**0.0194**	**0.0159**	**0.003**	**0.0011**	<0.002	**0.0018**	**0.0019**	**0.001**	**0.0013**	**0.001**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0464**
EMB/LP/NSC_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/NSC_Low	21/11/2018	Dry	**0.0003**	**0.0006**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0009**
	21/02/2019	Wet	**0.0082**	**0.0019**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0101**
EMB/LP/OSA_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/OSA_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/OSB_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/OSB_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/OSC_High	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EMB/LP/OSC_Low	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	21/02/2019	Wet	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
Weipa Airport - Beening Creek																															
SW/BEN/DOS	28/11/2018	Dry	**0.0006**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0006**
	20/02/2019	Wet	**0.0019**	**0.0011**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.003**
SW/BEN/MID	20/02/2019	Wet	**0.004**	**0.003**	<0.0005	<0.0005	<0.002	<0.0005	**0.0006**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0076**
SW/BEN/UPS	21/11/2018	Dry	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
	20/02/2019	Wet	**0.001**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.001**
East Weipa HEQ																															
PR/EWM/WP	23/11/2018	Dry	**0.05**	**0.0314**	**0.0752**	**0.0094**	<0.002	**0.013**	**0.004**	<0.002	<0.002	**0.014**	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.002	**2.78**	**0.04**	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**3.02**
	19/02/2019	Wet	**0.0509**	**0.0219**	**0.0186**	**0.0059**	<0.002	**0.0041**	**0.0051**	**0.0037**	**0.0132**	**0.0071**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.001**	**0.269**	**0.014**	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.414**
PR/EWM/WP/DOS	21/11/2018	Dry	**0.0336**	**0.0312**	**0.0552**	**0.0076**	<0.002	**0.0128**	<0.002	<0.002	**0.0142**	**0.0324**	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.002	**1.1**	**0.019**	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**1.31**
	19/02/2019	Wet	**0.0531**	**0.0186**	**0.0514**	**0.0214**	<0.002	**0.0041**	**0.0039**	**0.0035**	**0.153**	**0.0358**	**0.0009**	**0.0019**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.41**	**0.016**	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.774**

Chemical			Sum of PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDA	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	FOSA	MeFOSA	EtFOSA	MeFOSE	EtFOSE	MeFOSAA	EtFOSAA	Sum of PFAS
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR			0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002
NEMP 2018 Human Health Industrial			**20**				**50**																									
NEMP 2018 Interim Ecological Soil Industrial				**0.14**																												
Sample ID	**Date Sampled**	**Depth Sampled**																														
Andoom HEO																																
AHEQ - SS12 0.0.1/	19/10/2017	0-0.1	**0.0006**	**0.0006**	<0.0002	**0.0012**	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0138**	**0.0036**	**0.0038**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0232**
AHEQ - SS13 0.0.1/	19/10/2017	0-0.1	**0.0008**	**0.0004**	**0.0004**	**0.0014**	<0.0002	<0.001	**0.0026**	<0.0002	<0.0002	**0.0062**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0021**	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0131**
AHEQ - SS14 0.0.1/	19/10/2017	0-0.1	**0.0059**	**0.0054**	**0.0005**	**0.0007**	**0.0006**	<0.001	<0.0002	<0.0002	<0.0002	**0.0012**	**0.0004**	**0.0002**	<0.0002	**0.0004**	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0014**	**0.0017**	**0.0048**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0173**
AHEQ - SS15 0.0.1/	19/10/2017	0-0.1	**0.0072**	**0.0051**	**0.0021**	**0.0006**	**0.0004**	<0.001	<0.0002	<0.0002	**0.0004**	**0.0003**	<0.0002	<0.0002	**0.0002**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0061**	**0.0028**	**0.0017**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0197**
Lorim Point																																
FRTP - SS07 0.0.1/	18/10/2017	0-0.1	**0.0454**	**0.0361**	**0.0093**	**0.0032**	**0.0027**	<0.001	**0.001**	**0.0007**	**0.0008**	**0.0027**	**0.0016**	**0.0005**	**0.0039**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	**0.0014**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0639**
FRTP - SS08 0.0.1/	18/10/2017	0-0.1	**0.056**	**0.0458**	**0.0102**	**0.001**	**0.0009**	<0.001	**0.0007**	**0.0008**	**0.0011**	<0.0002	**0.0003**	<0.0002	**0.0021**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0006**	<0.0005	<0.0005	**0.0007**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0642**
FRTP - SS09 0.0.1/	18/10/2017	0-0.1	**0.0234**	**0.0202**	**0.0032**	**0.0004**	**0.0004**	<0.001	**0.0002**	<0.0002	**0.0002**	<0.0002	<0.0002	<0.0002	**0.003**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0276**
FRTP - SS10 0.0.1/	18/10/2017	0-0.1	**0.0058**	**0.0047**	**0.0011**	**0.0064**	**0.0022**	<0.001	<0.0002	<0.0002	<0.0002	**0.0054**	**0.0015**	**0.0004**	**0.0017**	**0.0004**	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0741**	**0.0128**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.111**
FRTP - SS11 0.0.1/	18/10/2017	0-0.1	**0.0187**	**0.0155**	**0.0032**	**0.0005**	**0.0004**	<0.001	**0.0002**	**0.0003**	**0.0004**	<0.0002	<0.0002	<0.0002	**0.0076**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	**0.0006**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0287**
FRTP - 10 0.1-0.2/	18/10/2017	0.1-0.2	**0.75**	**0.742**	**0.0076**	**0.0032**	**0.0028**	<0.001	<0.0002	**0.0002**	**0.0029**	**0.0025**	**0.0009**	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0164**	**0.0005**	<0.0005	**0.0003**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.78**
FRTP - 11 0.1-0.2/	18/10/2017	0.1-0.2	**0.0621**	**0.0612**	**0.0009**	**0.0003**	**0.0006**	<0.001	<0.0002	<0.0002	**0.0003**	**0.0002**	<0.0002	<0.0002	**0.0197**	<0.0002	**0.0002**	<0.0005	<0.0002	<0.0002	<0.0005	**0.0008**	<0.0005	<0.0005	**0.0024**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0866**
FRTP - 11 0.8-1/	18/10/2017	0.8-1	**0.709**	**0.641**	**0.068**	**0.0033**	**0.0189**	<0.001	**0.0003**	**0.0011**	**0.0239**	**0.0008**	**0.0015**	**0.0004**	**0.0004**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0019**	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.762**
FRTP - 12 0.1-0.2/	18/10/2017	0.1-0.2	**2.45**	**2.43**	**0.021**	**0.0065**	**0.0095**	<0.001	**0.0005**	**0.0006**	**0.0228**	**0.0021**	**0.0019**	**0.0015**	**0.024**	**0.0011**	**0.0003**	<0.0005	<0.0002	**0.0003**	<0.0005	**0.0094**	**0.0014**	<0.0005	**0.0374**	**0.0006**	<0.0005	<0.0005	<0.0005	**0.0002**	**0.0006**	**2.55**
FRTP - 12 0.4-0.5/	18/10/2017	0.4-0.5	**2.06**	**1.88**	**0.177**	**0.0699**	**0.0657**	**0.002**	**0.0309**	**0.0082**	**0.0705**	**0.0294**	**0.0096**	**0.0049**	**0.0011**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0268**	<0.0005	<0.0005	**0.0016**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**2.38**
FRTP - 13 0.1-0.2/	18/10/2017	0.1-0.2	**0.0263**	**0.0245**	**0.0018**	**0.0014**	**0.0015**	<0.001	<0.0002	<0.0002	**0.0002**	**0.0008**	**0.0015**	**0.0003**	**0.0012**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0332**
FRTP - 13 0.8-1/	18/10/2017	0.8-1	**0.0844**	**0.0835**	**0.0009**	**0.0004**	**0.0011**	<0.001	<0.0002	<0.0002	**0.0002**	<0.0002	<0.0002	**0.0006**	**0.0005**	**0.0003**	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0875**
FRTP - 14 0.1-0.2/	18/10/2017	0.1-0.2	**0.0376**	**0.0346**	**0.003**	**0.0004**	**0.0014**	<0.001	<0.0002	<0.0002	**0.0009**	<0.0002	**0.0004**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0407**
FRTP - 14 0.8-1/	18/10/2017	0.8-1	**0.0457**	**0.0451**	**0.0006**	**0.0003**	**0.0011**	<0.001	<0.0002	<0.0002	**0.0003**	<0.0002	**0.0003**	**0.0002**	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0479**
Weipa Airport																																
AP - TP01 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP01 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP02 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP02 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP03 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP03 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP04 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP04 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP05 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP05 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP06 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP06 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - SS01 0-0.1/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - SS02 0-0.1/	18/10/2017	0.8-1	**0.0003**	**0.0003**	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0003**
AP - TP07 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP07 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP08 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP08 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP09 0.1-0.2/	18/10/2017	0.1-0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - TP09 0.8-1/	18/10/2017	0.8-1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - SS03 0-0.1/	18/10/2017	0-0.1	**0.0024**	**0.0024**	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0024**
AP - SS04 0-0.1/	18/10/2017	0-0.1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - SS05 0-0.1/	18/10/2017	0-0.1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
AP - SS06 0-0.1/	19/10/2017	0-0.1	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002
East Weipa HEQ																																
EWHEQ - SS16 0.0.1/	19/10/2017	0-0.1	**0.0084**	**0.0072**	**0.0012**	**0.0083**	**0.0008**	<0.001	**0.0004**	<0.0002	**0.0002**	0.0086	**0.0016**	<0.0002	<0.0002	**0.0004**	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0343**	**0.0131**	**0.004**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0801**
EWHEQ - SS17 0.0.1/	19/10/2017	0-0.1	**0.0011**	**0.0011**	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0044**	**0.0006**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0061**
EWHEQ - SS18 0.0.1/	19/10/2017	0-0.1	**0.0016**	**0.0016**	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0018**	**0.0019**	**0.0017**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.007**
EWHEQ - SS19 0.0.1/	19/10/2017	0-0.1	**0.0047**	**0.0047**	<0.0002	**0.0016**	**0.0002**	<0.001	<0.0002	<0.0002	**0.0002**	<0.0002	<0.0002	<0.0002	**0.0009**	<0.0002	<0.0002	<0.0005	<0.0002	**0.0003**	<0.0005	**0.0106**	**0.0058**	**0.0105**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**0.0348**
NO ID/	19/10/2017		**1.16**	**1.08**	**0.0788**	**0.0088**	**0.0315**	<0.001	**0.0006**	**0.0015**	**0.0358**	0.0026	**0.0039**	**0.001**	**0.0028**	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0005	**0.0142**	**0.0096**	<0.0005	**0.0027**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	**1.27**

Chemical (leachate)			PFHxS + PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDcA	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FtS	6:2 FtS	8:2 FtS	10:2 FtS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
Unit			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	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR			0.01	0.01	0.02	0.02	0.01	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.02	0.02	0.05	0.05	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.02	0.01
NEMP 2018 Human Health Drinking Water			**0.07**				**0.56**																									
Location	**Depth (mbgl)**	**Date Sampled**																														
AHEQ-SS12	0.0-0.1	19/10/2017	**0.096**	**0.093**	**0.003**	**0.05**	**0.008**	<0.01	<0.002	<0.002	<0.002	**0.02**	**0.012**	**0.003**	<0.02	**0.003**	<0.002	<0.005	<0.002	<0.002	<0.005	**0.413**	**0.087**	**0.007**	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.699**
AP-SS03	0.0-0.1	18/10/2017	**0.181**	**0.173**	**0.008**	<0.002	**0.003**	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.02	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.184**
EWHEQ-SS16	0.0-0.1	19/10/2017	**0.11**	**0.069**	**0.041**	**0.035**	**0.018**	<0.01	<0.002	<0.002	**0.003**	**0.185**	**0.035**	<0.002	<0.02	**0.003**	<0.002	<0.005	<0.002	<0.002	<0.005	**1.72**	**0.114**	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**2.39**
FR-SS08	0.0-0.1	18/10/2017	**0.561**	**0.448**	**0.113**	**0.007**	**0.02**	<0.01	<0.002	**0.01**	**0.008**	<0.002	**0.007**	**0.007**	<0.02	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.629**
FR-TP12	0.1-0.2	18/10/2017	**154**	**153**	**0.952**	**0.109**	**0.393**	<0.01	**0.023**	**0.03**	**0.219**	**0.039**	**0.109**	**0.1**	**0.014**	**0.09**	<0.01	<0.025	<0.01	<0.01	<0.01	**0.591**	**0.087**	<0.01	**0.057**	<0.005	<0.025	<0.025	<0.025	<0.01	<0.01	**156**

Lab Report No	Well ID	Date Sampled	PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDA	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
		Unit	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
		LOR	0.0003	0.0003	0.0005	0.0005	0.0005	0.0003	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.005	0.0005	0.001	0.005	0.005	0.001	0.0005	0.0005	0.0003
NEMP 2018 Human Health Drinking Water			0.07				0.56																									
Andoom HEQ																																
ES1817464	AHEQ_MW01	06/06/2018	0.0048	0.002	0.0028	0.0009	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0057
EB1722399	AHEQ_MW02	20/10/2017	0.011	0.004	0.007	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	0.029	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.04
ES1817464	AHEQ_MW02	06/06/2018	0.0165	0.0078	0.0087	0.0044	0.001	<0.002	0.0005	<0.0005	<0.0005	0.0022	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.005	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0314
EB1722399	AHEQ_MW03	20/10/2017	0.099	0.069	0.03	0.012	0.004	<0.01	<0.002	0.003	<0.002	0.006	0.004	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.128
ES1817464	AHEQ_MW03	06/06/2018	0.0509	0.0252	0.0257	0.0211	0.003	0.002	0.0023	0.0022	0.001	0.013	0.0068	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.102
EB1722399	AHEQ_MW04	20/10/2017	0.029	0.019	0.01	0.016	<0.002	<0.01	<0.002	0.007	<0.002	0.02	0.007	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	0.016	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.095
ES1817464	AHEQ_MW05	06/06/2018	0.0473	0.0233	0.024	0.0504	0.0029	0.01	0.0016	0.0015	0.0009	0.061	0.0272	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.203
ES1817464	AHEQ_MW06	06/06/2018	0.0776	0.0312	0.0464	0.0182	0.0022	0.004	0.0042	0.0039	0.0015	0.0154	0.0086	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.136
ES1817464	ASB_MW07	07/06/2018	0.0007	0.0007	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0007
ES1817464	ASB_MW08	08/06/2018	0.0017	0.0009	0.0008	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0017
ES1817464	ASB_MW10	07/06/2018	0.0026	0.0014	0.0012	0.0009	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0049
ES1817464	ASB_MW16	07/06/2018	0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0005
ES1817464	ASB_MW21	07/06/2018	0.0025	0.0013	0.0012	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0025
ES1817464	ASB_MW23	08/06/2018	0.003	0.0019	0.0011	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.003
EB1721509	SA091	17/10/2017	0.002	<0.002	0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.002
ES1730754	SA091	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA091	25/04/2018	0.003	<0.002	0.003	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.003
EB1817467	SA091	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA092	17/10/2017	0.005	0.002	0.003	<0.002	<0.002	0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.015
ES1730754	SA092	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA093	17/10/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	SA093	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA093	25/04/2018	0.002	<0.002	0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.002
EB1817467	SA093	17/07/2018	0.006	<0.002	0.006	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.006
Evans Landing																																
ES1817464	ELN_MW02	04/06/2018	0.0662	0.0459	0.0203	0.0141	0.0068	0.006	0.001	0.001	0.0006	0.017	0.0103	0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.125
ES1817464	ELN_MW04	04/06/2018	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
ES1817464	ELN_MW06	04/06/2018	0.0009	0.0004	0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0009
ES1817464	ELN_MW07	04/06/2018	0.113	0.0748	0.0378	0.0079	0.0045	<0.002	0.0019	0.002	0.0014	0.0088	0.0057	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.145
ES1817464	ELN_MW30	04/06/2018	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
ES1817464	ELS_MW18	02/06/2018	0.71	0.453	0.257	0.0494	0.0178	0.014	0.008	0.0121	0.0092	0.0413	0.0201	0.0017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.884
ES1817464	ELS_MW19	02/06/2018	0.233	0.156	0.0766	0.0194	0.0078	<0.002	0.0055	0.0045	0.0034	0.0153	0.0083	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.297
ES1817464	ELS_MW20	02/06/2018	0.386	0.266	0.12	0.0334	0.0107	0.009	0.011	0.0131	0.0066	0.0223	0.0116	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.505
ES1817464	ELS_MW23	02/06/2018	0.0751	0.0467	0.0284	0.0011	0.0015	<0.002	0.0024	0.0023	0.0011	0.0006	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0851
ES1817464	ELS_MW24	02/06/2018	0.13	0.0712	0.0584	0.0053	0.0035	<0.002	0.0064	0.0047	0.0024	0.0034	0.0032	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.158
ES1817464	ELS_RW1	02/06/2018	0.347	0.234	0.113	0.0458	0.0122	0.009	0.0061	0.0094	0.0049	0.043	0.0164	0.0013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.495
ES1730754	EVL_1	28/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
Railway Workshop																																
ES1817464	RWW_MW01	05/06/2018	0.278	0.152	0.126	0.143	0.0157	0.016	0.0072	0.0084	0.0069	0.131	0.0743	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.074	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.754
ES1817464	RWW_MW02	06/06/2018	0.0032	0.0014	0.0018	0.0012	0.0006	<0.002	0.0006	<0.0005	<0.0005	0.0014	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0076
ES1817464	RWW_MW03	05/06/2018	0.0065	0.0021	0.0044	0.0148	<0.0005	0.005	0.001	0.0006	<0.0005	0.0328	0.0034	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0641
ES1730754	RWW_MW04	28/11/2017	0.007	0.004	0.003	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	0.013	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.02
ES1817464	RWW_MW04	05/06/2018	0.0037	0.0013	0.0024	<0.0005	<0.0005	<0.002	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0049
ES1730754	RWW_MW05	28/11/2017	0.011	0.007	0.004	0.006	<0.002	<0.01	<0.002	<0.002	<0.002	0.006	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.023
ES1817464	RWW_MW05	02/06/2018	0.0065	0.0024	0.0041	<0.0005	<0.0005	<0.002	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0073
EB1721509	SA013	17/10/2017	0.009	0.005	0.004	0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.011
ES1730754	SA013	29/11/2017	0.009	0.005	0.004	0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.011
EB1810440	SA013	25/04/2018	0.007	0.002	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.007
EB1816377	SA013	03/07/2018	0.009	0.0036	0.0054	0.0018	<0.0005	<0.002	0.0013	0.0012	<0.0005	0.001	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0148
EB1817467	SA013	17/07/2018	0.008	0.005	0.003	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.008
EB1721509	SA017	17/10/2017	0.011	0.005	0.006	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.011
ES1730754	SA017	29/11/2017	0.01	0.004	0.006	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.01
EB1810440	SA017	25/04/2018	0.005	<0.002	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.005
EB1816377	SA017	02/07/2018	0.0115	0.0032	0.0083	<0.0005	<0.0005	<0.002	0.0015	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0141
EB1817467	SA017	17/07/2018	0.005	<0.002	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.005
EB1721509	SA020	17/10/2017	0.009	0.005	0.004	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.009
ES1730754	SA020	29/11/2017	0.011	0.006	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.011
EB1810440	SA020	25/04/2018	0.009	0.005	0.004	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.009
EB1816377	SA020	02/07/2018	0.0104	0.0033	0.0071	0.0008	<0.0005	<0.002	0.0013	0.0009	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0141
EB1817467	SA020	17/07/2018	0.009	0.004	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.009
EB1721509	SA110	17/10/2017	0.007	0.003	0.004	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.007
ES1730754	SA110	29/11/2017	0.015	0.009	0.006	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.015
EB1810440	SA110	25/04/2018	0.007	0.002	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.007
EB1817467	SA110	17/07/2018	0.004	<0.002	0.004	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.004
Lorim Point																																
ES1817464	LDP_MW10	03/06/2018	0.0044	0.0018	0.0026	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0044
ES1817464	LDP_MW13	03/06/2018	0.0105	0.0056	0.0049	<0.0005	<0.0005	<0.002	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0111
ES1817464	LDP_MW34	03/06/2018	0.0255	0.0148	0.0107	0.0014	0.002	<0.002	0.0009	0.0007	0.0006	<0.0005	0.0013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0324
EB1816377	LPI_MW01	05/07/2018	3.13	2.15	0.983	0.176	0.108	0.017	0.099	0.156	0.104	0.0697	0.0898	0.0027	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	3.96
EB1816377	LPI_MW04	05/07/2018	2.84	1.95	0.894	0.182	0.0989	0.015	0.1	0.145	0.0856	0.0653	0.0812	0.0043	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	3.62
EB1816377	LPI_MW05	05/07/2018	1.85	1.25	0.6	0.0905	0.0494	0.007	0.0515	0.0776	0.0429	0.0321	0.0526	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	2.26
EB1816377	LPI_MW07	05/07/2018	2.65	1.61	1.04	0.163	0.0906	0.009	0.0988	0.141	0.0845	0.0527	0.0861	0.0029	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.003	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	3.38
ES1817464	LPI_MW08	09/06/2018	3.5	2	1.5	0.339	0.156	0.026	0.179	0.211	0.131	0.0961	0.0972	0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.017	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	4.76
EB1816698	LPI_MW08	05/07/2018	4.13	2.25	1.88	0.356	0.137	0.027	0.184	0.147	0.186	0.0952	0.112	0.0046	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.014	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	5.39
EB1816377	LPI_MW11	03/07/2018	2.1	1.8	0.301	0.0617	0.021	<0.002	0.0159	0.0207	0.0326	0.0128	0.013	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	2.28
EB1816377	LPI_MW12	03/07/2018	1.78	1.48	0.295	0.0716	0.0256	<0.002	0.0187	0.0284	0.0384	0.0145	0.0159	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.99
EB1816377	LPI_MW13	03/07/2018	0.0229	0.0141	0.0088	0.0015	0.0018	<0.002	0.0011	0.0013	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0292
EB1816377	LPI_MW15	04/07/2018	1.08	0.635	0.448	0.0655	0.0274	0.004	0.0333	0.0451	0.0266	0.024	0.0343	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.34
EB1816377	LPI_MW16	05/07/2018	2.14	1.6	0.545	0.103	0.0747	0.008	0.0414	0.0639	0.0628	0.0362	0.083	0.0023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.006	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	2.63
EB1816377	LPI_MW17	04/07/2018	0.0414	0.0135	0.0279	<0.0005	<0.0005	0.011	0.0024	0.0019	0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0582
EB1816698	LPI_MW18	05/07/2018	0.0676	0.0415	0.0261	<0.0005	0.0007	<0.002	0.002	0.002	0.0017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.074
EB1816377	LPI_MW19	03/07/2018	0.0339	0.0174	0.0165	0.0018	0.0023	<0.002	0.0023	0.0023	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0435
ES1730754	LPI_MW20	28/11/2017	1.95	1.24	0.714	0.108	0.067	<0.01	0.048	0.066	0.04	0.03	0.059	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	0.017	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	2.39
ES1817464	LPI_MW20	09/06/2018	0.065	0.0421	0.0229	0.0044	0.0033	<0.002	0.0015	0.0014	0.0011	0.0013	0.0033	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0813
EB1816698	LPI_MW20	05/07/2018	0.0561	0.0395	0.0166	0.0031	0.0023	<0.002	0.0016	0.0014	0.0012	0.0017	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0692
ES1817464	LPI_MW21	09/06/2018	1.14	0.696	0.439	0.108	0.0631	0.014	0.039	0.0574	0.0315	0.0297	0.0504	0.0021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.007	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.54
EB1816698	LPI_MW21	05/07/2018	1.22	0.738	0.484	0.0873	0.0598	0.009	0.0396	0.0501	0.045	0.0317	0.0614	0.0021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.005	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	1.61
ES1730754	LPI_MW22	28/11/2017	0.019	0.007	0.012	<0.002	<0.002	<0.01	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.021
ES1817464	LPI_MW22	09/06/2018	0.0177	0.0086	0.0091	0.0006	0.0014	<0.002	0.0009	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0212
EB1816698	LPI_MW22	05/07/2018	0.0155	0.0063	0.0092	<0.0005	0.0008	<0.002	0.0011	0.0009	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0188
EB1816377	LPI_MW24	04/07/2018	0.057	0.0161	0.0409	0.0021	0.0011	<0.002	0.0077	0.0062	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0753
EB1721509	SA012	17/10/2017	0.019	0.01	0.009	<0.002	<0.002	<0.01	0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.023
ES1730754	SA012	29/11/2017	0.013	0.006	0.007	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.013
EB1810440	SA012	25/04/2018	0.012	0.004	0.008	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.012
EB1816377	SA012	05/07/2018	0.0152	0.0056	0.0096	0.0018	<0.0005	<0.002	0.0017	0.0013	0.0005	0.002	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0235
EB1817467	SA012	17/07/2018	0.013	0.006	0.007	<0.002	<0.002	<0.01	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.015
EB1721509	SA014	17/10/2017	0.02	0.013	0.007	0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.022
ES1730754	SA014	29/11/2017	0.034	0.022	0.012	0.004	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.038
EB1810440	SA014	25/04/2018	0.008	0.003	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.008
EB1816377	SA014	02/07/2018	0.0116	0.0049	0.0067	0.0011	<0.0005	<0.002	0.0009	0.0008	<0.0005	0.0007	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.0158
EB1817467	SA014	17/07/2018	0.009	0.004	0.005	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.009
EB1721509	SA015	17/10/2017	0.031	0.019	0.012	0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.033
ES1730754	SA015	29/11/2017	0.048	0.034	0.014	0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.05
EB1810440	SA015	25/04/2018	0.003	<0.002	0.003	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.003
EB1816377	SA015	03/07/2018	0.0078	0.0037	0.0041	<0.0005	<0.0005	<0.002	0.0007	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	0.009
EB1817467	SA015	18/07/2018	0.007	0.004	0.003	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	0.007

		Chemical	PFHxS+PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDA	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
		Unit	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
		LOR	0.0003	0.0003	0.0005	0.0005	0.0005	0.0003	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.005	0.0005	0.001	0.005	0.005	0.001	0.0005	0.0005	0.0003
NEMP 2018 Human Health Drinking Water			0.07				0.56																									
Lab Report No	**Well ID**	**Date Sampled**																														
Weipa Airport																																
ES1730754	ALF_MW01	29/11/2017	**0.025**	**0.014**	**0.011**	**0.005**	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.03**
ES1730754	ALF_MW04	29/11/2017	**0.039**	**0.026**	**0.013**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.039**
EB1722399	AFD_MW21	23/10/2017	**0.006**	**0.003**	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.006**
ES1817464	AFD_MW21	06/06/2018	**0.0033**	**0.0012**	**0.0021**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0033**
ES1817464	AFD_MW22	06/06/2018	**0.0052**	**0.0004**	**0.0048**	<0.0005	<0.0005	<0.002	**0.0012**	**0.0007**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0071**
EB1722399	AFD_MW36	19/10/2017	**0.136**	**0.052**	**0.084**	**0.005**	**0.004**	<0.01	**0.025**	**0.019**	**0.006**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.195**
ES1817464	AFD_MW36	06/06/2018	**0.0464**	**0.0115**	**0.0349**	**0.0046**	**0.0015**	<0.002	**0.0061**	**0.0051**	**0.0007**	<0.0005	**0.001**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.001**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0664**
EB1721509	SA009	17/10/2017	**0.003**	<0.002	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.003**
ES1730754	SA009	29/11/2017	**0.005**	**0.002**	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.005**
EB1810440	SA009	25/04/2018	**0.009**	**0.007**	**0.002**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.009**
EB1817467	SA009	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA026	17/10/2017	**0.048**	**0.027**	**0.021**	**0.004**	<0.002	**0.01**	**0.004**	**0.004**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.07**
ES1730754	SA026	29/11/2017	**0.047**	**0.026**	**0.021**	**0.005**	**0.002**	<0.01	**0.004**	**0.003**	**0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.063**
EB1810440	SA026	26/04/2018	**0.031**	**0.017**	**0.014**	**0.004**	<0.002	<0.01	**0.004**	**0.004**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.043**
EB1817467	SA026	17/07/2018	**0.034**	**0.014**	**0.02**	**0.006**	**0.002**	<0.01	**0.004**	**0.004**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.05**
East Weipa HEQ																																
ES1817464	EWHEQ_MW01	06/06/2018	**0.0151**	**0.0049**	**0.0102**	<0.0005	<0.0005	<0.002	**0.0008**	**0.0007**	**0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0171**
EB1722399	EWHEQ_MW02	23/10/2017	**0.044**	**0.027**	**0.017**	<0.002	<0.002	<0.01	**0.003**	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.05**
ES1817464	EWHEQ_MW02	06/06/2018	**0.0713**	**0.0329**	**0.0384**	**0.0111**	**0.0019**	**0.002**	**0.0046**	**0.004**	**0.0022**	**0.0107**	**0.0034**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.005**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.116**
EB1722399	EWHEQ_MW03	23/10/2017	**0.022**	**0.013**	**0.009**	**0.005**	<0.002	<0.01	<0.002	**0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.029**
ES1817464	EWHEQ_MW03	06/06/2018	**0.0329**	**0.0171**	**0.0158**	**0.0078**	**0.0011**	**0.002**	**0.0022**	**0.0019**	**0.001**	**0.0086**	**0.0023**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.003**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0628**
EB1722399	EWHEQ_MW04	23/10/2017	**0.065**	**0.043**	**0.022**	**0.168**	**0.009**	**0.06**	**0.006**	**0.004**	<0.002	**0.246**	**0.058**	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	**1.27**	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**1.89**
ES1817464	EWHEQ_MW04	06/06/2018	**0.0086**	**0.0041**	**0.0045**	**0.0048**	<0.0005	**0.004**	**0.0008**	**0.0005**	<0.0005	**0.0089**	**0.0014**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.028**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.057**
ES1817464	EWHEQ_MW05	06/06/2018	**0.242**	**0.156**	**0.0862**	**0.155**	**0.0112**	**0.018**	**0.0074**	**0.0085**	**0.0055**	**0.172**	**0.0895**	**0.001**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.02**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.73**
EB1721509	SA027	17/10/2017	**0.015**	**0.005**	**0.01**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.015**
ES1730754	SA027	29/11/2017	**0.012**	**0.004**	**0.008**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.012**
EB1810440	SA027	25/04/2018	**0.011**	**0.003**	**0.008**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.011**
EB1817467	SA027	17/07/2018	**0.012**	**0.003**	**0.009**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.012**
Bioremediation Pad																																
ES1817464	BRP_MW01	03/06/2018	**0.013**	**0.0057**	**0.0073**	**0.0012**	**0.0011**	<0.002	**0.0029**	**0.0017**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0199**
ES1817464	BRP_MW02	03/06/2018	**0.0067**	**0.0023**	**0.0044**	**0.0143**	**0.0009**	<0.002	**0.0017**	**0.0008**	<0.0005	**0.0276**	**0.0031**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0551**
ES1817464	BRP_MW03	03/06/2018	**0.0028**	**0.001**	**0.0018**	**0.0009**	<0.0005	<0.002	**0.0006**	<0.0005	<0.0005	**0.0015**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0058**
Weipa Township																																
EB1721509	SA036	17/10/2017	**0.002**	**0.002**	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.002**
ES1730754	SA036	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA036	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA036	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA037	17/10/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	SA037	30/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA037	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA037	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA038	17/10/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	SA038	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA038	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA038	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA039	17/10/2017	**0.032**	**0.019**	**0.013**	<0.002	<0.002	<0.01	**0.002**	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.037**
ES1730754	SA039	27/11/2017	**0.031**	**0.018**	**0.013**	<0.002	<0.002	<0.01	**0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.033**
EB1810440	SA039	25/04/2018	**0.019**	**0.01**	**0.009**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.019**
EB1817467	SA039	17/07/2018	**0.016**	**0.007**	**0.009**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.016**
EB1721509	SA041	17/10/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	SA041	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA041	25/04/2018	**0.004**	**0.002**	**0.002**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.004**
EB1817467	SA041	17/07/2018	**0.003**	**0.003**	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.003**
EB1721509	SA107	17/10/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	SA107	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA107	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA107	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA349	17/10/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	SA349	27/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA349	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA349	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA350	17/10/2017	**0.005**	**0.003**	**0.002**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.005**
ES1730754	SA350	29/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1810440	SA350	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA350	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1721509	SA351	17/10/2017	**0.006**	**0.003**	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.006**
EB1810440	SA351	25/04/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
EB1817467	SA351	17/07/2018	**0.008**	**0.004**	**0.004**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.008**
Boundary Road Landfill																																
ES1730754	BRL_MW02	28/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
Herring Oil Slot																																
ES1817464	HOS-SA02	05/06/2018	**0.0239**	**0.0149**	**0.009**	**0.0033**	**0.0009**	<0.002	**0.0011**	<0.0005	**0.0006**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0298**
ES1817464	HOS_SA249	05/06/2018	**0.013**	**0.0058**	**0.0072**	**0.0005**	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0135**
ES1817464	HOS_SA254	05/06/2018	<0.0003	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.001**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.001**
ES1817464	HOS_SA04	05/06/2018	**0.0007**	<0.0003	**0.0007**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0007**
Tonkings Road Landfill																																
ES1730754	TRL_MW02	28/11/2017	**0.007**	**0.003**	**0.004**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.007**
Unknown??																																
ES1730754	RIN01/	28/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	RIN02/	29/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
ES1730754	RIN03/	29/11/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002

			Chemical	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDA	PFDS	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
			Unit	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
			LOR	0.0003	0.0005	0.0005	0.0005	0.002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.0005	0.001	0.001	0.001	0.001	0.0005	0.0005	0.0003
PFAS NEMP Human Health Recreational Water							**5.6**																									
PFAS NEMP Freshwater (99% Species Protection)				**0.00023**			**19**																									
Lab Report No	**Location**	**Location ID**	**Date Sampled**																													
Andoom HEQ																																
EB1810438	Andoom Creek	PR/AND/DOS	24/04/2018	**0.0217**	**0.0099**	**0.0349**	**0.005**	<0.002	<0.0005	<0.0005	<0.0005	**0.0115**	**0.006**	**0.0009**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.449**	**0.026**	**0.003**	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.568**
EB1816377		PR/AND/DOS	04/07/2018	**0.0003**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0003**
EB1810438	Andoom HEQ Wash Pad	PR/AND/WS	23/04/2018	**0.03**	**0.0094**	**0.0146**	**0.0044**	<0.002	<0.0020	<0.0020	<0.0020	<0.0020	**0.003**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0020	<0.0020	<0.002	**0.294**	**0.016**	<0.002	<0.0020	<0.005	<0.005	<0.005	<0.005	<0.0020	<0.0020	**0.371**
EB1810438		PR/AND/WS/DOS	23/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Andoom HEQ Wash Tower	PR/AND/HEQW	23/04/2018	**0.0014**	**0.0005**	**0.003**	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	**0.002**	**0.0009**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.003**	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0108**
EB1810438	Andoom Creek	SP/ELY/MS1	23/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Andoom Creek	SP/TDC/UPS	23/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Botchett Swamp	SP/BOT	23/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Saleng Tea Tree Swamp	SP/AND/SLTS	23/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Sunrise Creek	SP/ELY/MS3	23/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
Evans Landing																																
EB1816377	Evans Landing - Embely River	EMB/EV/NSA	04/07/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1816377		EMB/EV/NSB	04/07/2018	**0.0011**	**0.0012**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	**0.0006**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0029**
EB1816377		EMB/EV/NSC	04/07/2018	**0.0008**	**0.0006**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0014**
EB1810438	Lake McLeod	LAKE/MCL	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Lake Patricia	LAKE/PAT	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438	Trunding Creek	SW/TRC/UPS	24/04/2018	**0.0015**	**0.0017**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0032**
EB1810438		SW/TRC/DOS	24/04/2018	**0.0006**	**0.0009**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0015**
Lorim Point																																
EB1816377	Lorim Point - Embley River	EMB/LP/NSA	04/07/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1816377		EMB/LP/NSB	04/07/2018	**0.0007**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	**0.0007**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0014**
EB1816377		EMB/LP/NSC	04/07/2018	**0.0004**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0004**
Weipa Airport																																
EB1810438	Beening Creek	SW/BEN/UPS	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438		SW/BEN/DOS	24/04/2018	**0.0015**	**0.0015**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.003**
EB1816377		SW/BEN/DOS	04/07/2018	**0.0011**	**0.0027**	<0.0005	<0.0005	<0.002	**0.0006**	<0.0005	<0.0005	**0.0013**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0057**
East Weipa HEQ																																
EB1810438	East Weipa HEQ Wash Pad	PR/EWM/WP	25/04/2018	**0.0391**	**0.0112**	**0.0162**	**0.0038**	<0.002	**0.0032**	**0.0016**	<0.0005	**0.0047**	**0.0022**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.14**	**0.008**	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.23**
EB1810438		PR/EWM/WP/DOS	25/04/2018	**0.0614**	**0.0309**	**0.0291**	**0.0127**	<0.002	**0.0083**	**0.0036**	**0.0016**	**0.0114**	**0.0065**	**0.0031**	**0.0008**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.746**	**0.02**	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.935**
EB1816377		PR/EWM/WP/DOS	04/07/2018	**0.0272**	**0.0298**	**0.0674**	**0.0022**	<0.002	<0.0020	<0.0020	<0.0020	**0.0046**	**0.0114**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0020	<0.0020	<0.002	**0.795**	**0.039**	**0.022**	<0.0020	<0.005	<0.005	<0.005	<0.005	<0.0020	<0.0020	**0.999**
EB1810438	Mission River Creek	MRC/UPS	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438		MRC/DOS	24/04/2018	**0.001**	**0.0014**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0024**
EB1816377		MRC/DOS	04/07/2018	**0.0009**	**0.0014**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	**0.0005**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0028**
EB1810438	Pappan Creek	SW/PAP/UPS	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438		SW/PAP/DOS	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	**0.0008**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0008**
EB1810438	Marmoss Creek	SW/MAR/UPS	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003
EB1810438		SW/MAR/DOS	24/04/2018	<0.0003	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.0003

Chemical		PFHxS+ PFOS	PFOS	PFHxS	PFHxA	PFOA	PFBA	PFBS	PFPeS	PFHpS	PFPeA	PFHpA	PFNA	PFDS	PFDA	PFDoDA	PFTeDA	PFTrDA	PFUnDA	4:2 FTS	6:2 FTS	8:2 FTS	10:2 FTS	FOSA	MeFOSE	MeFOSA	EtFOSE	EtFOSA	MeFOSAA	EtFOSAA	Sum of PFAS
Units		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
NEMP 2018 Human Health Drinking Water		**0.07**				**0.56**																									
Location ID	**Date Sampled**																														
Andoom HEQ																															
APT	25/04/2018	**0.002**	<0.002	**0.002**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.002**
APT	17/07/2018	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002
PO/AND/TAPA	05/09/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.0014**	**0.0012**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	**0.0026**	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.0005	<0.001	**0.0026**
PO/AND/TAPA	17/09/2018	**0.0016**	**0.0005**	**0.0011**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0016**
PO/AND/TAPA	03/10/2018	**0.0021**	**0.0007**	**0.0014**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0021**
PO/AND/TAPA	16/10/2018	**0.001**	<0.0003	**0.001**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.001**
PO/AND/TAPA	06/11/2018	**0.0015**	**0.0007**	**0.0008**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0015**
Lorim Point																															
LPTA	29/11/2017	0.021	**0.013**	**0.008**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.021**
LPTA	25/04/2018	0.013	**0.008**	**0.005**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.013**
LPTA	02/07/2018	0.0096	**0.0031**	**0.0065**	**0.0009**	<0.0005	<0.002	**0.0012**	**0.001**	<0.0005	**0.0007**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0134**
LPTA	17/07/2018	0.008	**0.003**	**0.005**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.008**
PO/LRP/TAPA	05/09/2018	**0.0013**	<0.0005	<0.0005	<0.0005	<0.0005	**0.0007**	**0.0009**	**0.0052**	**0.0055**	**0.0011**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	**0.0147**	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.0005	<0.001	**0.0107**
PO/LRP/TAPA	17/09/2018	**0.0082**	**0.0034**	**0.0048**	**0.0015**	<0.0005	<0.002	**0.0017**	**0.001**	<0.0005	**0.0008**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0132**
PO/LRP/TAPA	03/10/2018	**0.0134**	**0.0072**	**0.0062**	**0.0017**	<0.0005	<0.002	**0.0022**	**0.0011**	<0.0005	**0.0014**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0198**
PO/LRP/TAPA	16/10/2018	**0.0095**	**0.0047**	**0.0048**	**0.0007**	<0.0005	<0.002	**0.0011**	**0.0007**	<0.0005	**0.0006**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0126**
PO/LRP/TAPA	06/11/2018	**0.0082**	**0.0048**	**0.0034**	**0.0015**	<0.0005	<0.002	**0.0015**	**0.0007**	<0.0005	**0.001**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0129**
Weipa Airport																															
PO/AIR/TAPA	17/09/2018	**0.0412**	**0.0227**	**0.0185**	**0.0057**	**0.0017**	<0.002	**0.0048**	**0.0038**	**0.0018**	**0.0009**	**0.0011**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.061**
PO/AIR/TAPA	03/10/2018	**0.0486**	**0.0271**	**0.0215**	**0.0062**	**0.0019**	<0.002	**0.0058**	**0.004**	**0.0021**	**0.0013**	**0.0012**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0711**
PO/AIR/TAPA	16/10/2018	**0.0342**	**0.0205**	**0.0137**	**0.0022**	**0.0015**	<0.002	**0.0027**	**0.0018**	**0.0017**	**0.0005**	**0.0011**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0457**
PO/AIR/TAPA	06/11/2018	**0.031**	**0.0203**	**0.0107**	**0.0046**	**0.0016**	<0.002	**0.0038**	**0.0023**	**0.0013**	**0.0009**	**0.0009**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0464**
East Weipa Mine Centre Potable Tank																															
EW	29/11/2017	**0.012**	**0.005**	**0.007**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.012**
PO/EWM/TAPA	05/09/2018	**0.0014**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.0012**	**0.0108**	**0.0043**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	**0.0177**	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.0005	<0.001	**0.0151**
PO/EWM/TAPA	17/09/2018	**0.0207**	**0.0047**	**0.016**	**0.0005**	<0.0005	<0.002	**0.0025**	**0.0021**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0258**
PO/EWM/TAPA	03/10/2018	**0.0194**	**0.0052**	**0.0142**	<0.0005	<0.0005	<0.002	**0.0024**	**0.0017**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0235**
PO/EWM/TAPA	16/10/2018	**0.0301**	**0.0169**	**0.0132**	<0.0005	<0.0005	<0.002	**0.0011**	**0.0009**	**0.0012**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0333**
PO/EWM/TAPA	06/11/2018	**0.0099**	**0.0035**	**0.0064**	<0.0005	<0.0005	<0.002	**0.0015**	**0.0009**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0123**
Town Water Dam																															
TWD	17/10/2017	**0.007**	**0.004**	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.007**
TD	29/11/2017	**0.007**	**0.004**	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.007**
TWD	26/04/2018	**0.007**	**0.004**	**0.003**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.007**
TWD	18/07/2018	**0.002**	<0.002	**0.002**	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	<0.005	<0.002	<0.002	**0.002**
Weipa - Town Dam	05/09/2018	**0.0006**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.0025**	**0.0037**	<0.0005	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	**0.0068**	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.0005	<0.001	**0.0062**
Weipa - Town Dam	17/09/2018	**0.006**	**0.0029**	**0.0031**	<0.0005	<0.0005	<0.002	**0.0008**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0068**
Weipa - Town Dam	03/10/2018	**0.0061**	**0.003**	**0.0031**	<0.0005	<0.0005	<0.002	**0.0008**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0069**
Weipa - Town Dam	06/11/2018	**0.0034**	**0.0021**	**0.0013**	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	**0.0034**

Appendix C

DES Notice

Notice

Environmental Protection Act 1994

Environmental Evaluation

Notice to conduct or commission an environmental evaluation

This notice to conduct or commission an environmental evaluation is issued by the administering authority pursuant to section 322 OR 323 OR 326B OR 326BA of the Environmental Protection Act 1994.

RTA Weipa Pty Ltd
123 Albert Street
Brisbane, Queensland, 4000

Your reference:

Our reference: 101/0008738, CR84931, STAT1304

Friday, 7 September 2018

Take notice: that under the *Environmental Protection Act 1994* (the Act) a notice to conduct or commission an environmental investigation is issued to RTA Weipa Pty Ltd by the administering authority. The administering authority is the Chief Executive of the Department of Environment and Science (the department).

The notice to conduct or commission an environmental investigation is issued in respect of the activities of RTA Weipa Pty Ltd on land described as ML7024, ML6024, Lot 17 on SP116853, Lot 15 on SP116851, and Lot 14 on SP120446 (the premises).

A. Grounds

The notice to conduct or commission an environmental investigation is issued on the following grounds:

- The administering authority is satisfied on reasonable grounds that an event has happened causing environmental harm while an activity was being carried out.

The facts and circumstances forming the basis for these grounds are:

1. RTA Weipa Pty Ltd operates a bauxite mine located in and around the township of Weipa and holds Environmental Authorities BRMN0032, EPML00725113, EPPR03383115, and EPPR03433515. In addition, RTA Weipa Pty Ltd is responsible for the administration of the town of Weipa through the Weipa Town Authority, which includes the management and supply of drinking water for the township.

2. During groundwater sampling of drinking water bores that supply the town of Weipa, conducted in October and November 2017, and June and July 2018, RTA Weipa Pty Ltd has reported the detection of Poly-fluoroalkyl and Per-fluoroalkyl Substances (PFAS) in concentrations above the Limit of Reporting (LOR) in some bores, but less than the health-based guideline values for drinking water in all potable drinking bores.

Queensland Government

3. During groundwater sampling of non-drinking water bores and surface waters conducted in November 2017, June 2018 and July 2018, RTA Weipa Pty Ltd reported the detection of PFAS in concentrations greater than the aquatic ecosystem and health-based guideline values for drinking water and recreational water.

4. RTA Weipa Pty Ltd report that a historical review of the use of Aqueous Film Forming Foam (AFFF) containing PFAS has been conducted for the Weipa Township. RTA Weipa Pty Ltd report that AFFF has been previously used by RTA Weipa Pty Ltd and a preliminary assessment indicates four main areas as possible sources of historical PFAS contamination, namely: East Weipa Heavy Equipment Workshop (EWHEQ), Weipa Airport, Weipa Fire and Rescue, and Andoom Heavy Equipment Workshop (AHEQ).

5. As specified under the Environmental Protection (Water) Policy 2009 (EPP Water), the following environmental values may be impacted:

    a) for slightly disturbed waters—the biological integrity of an aquatic ecosystem that has effectively unmodified biological indicators, but slightly modified physical, chemical or other indicators;
    b) for waters that may be used for producing aquatic foods for human consumption—the suitability of the water for producing the foods for human consumption;
    c) for waters that may be used for recreation or aesthetic purposes, the suitability of the water for—
    d) primary recreational use; or
        i. secondary recreational use; or
        ii. visual recreational use;
    e) for waters that may be used for drinking water—the suitability of the water for supply as drinking water;
    f) for waters that may be used for industrial purposes—the suitability of the water for industrial use;
    g) the cultural and spiritual values of the water.

6. The source/s, cause and extent of PFAS contamination in and around the township of Weipa have not been fully delineated and require further investigation as specified in Part B of this Notice.

7. The department is satisified on reasonable grounds that an event has happened causing environmental harm while an activity has being carried out by RTA Weipa Pty Ltd.

8. The department has decided that an environmental investigation is required, pursuant to section 326B of the Act to identifiy the the source, cause and extent of environmental harm.

Definitions

activity includes the authorised mining activity.

environmental harm is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes environmental nuisance.

event includes events (the plural).

guideline value, means the relevant guidance value listed in the PFAS National Environmental Management Plan 2018.

land includes-

(a) the airspace above land; and
(b) land that is, or is at any time, covered by waters; and
(c) waters.

B. Requirements

The report on the environmental investigation must address the following relevant matters:

1. You must engage a suitably qualified person/s (SQP) to carry out the requirements of this Notice. The SQP must demonstrate skills and experience in technical fields with particular skills in the assessment of contamination by fluorinated organic compounds, and in particular PFAS.

2. In the event that monitoring of the affected environment identifies a risk of public exposure to PFAS at concentrations greater than the relevant human health guideline value, you must notify the department of the results and findings within 24 hours of becoming aware of the risk.

3. By 15 October 2018, submit to the department a Preliminary Site Invesitgation (PSI) report prepared in accordance with the National Environmental Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM). Notwithstanding ASC NEPM, the report must include:
   a) Identification of current and historical activities undertaken at the premises which has involved the use, storage (including volume), handling, foam types and potential release of PFAS containing material;
   b) Identification of all contaminant source zones and potential pathways into the environment;
   c) Identification of the relevant environmental values including an evaluation of the uses of land and waters, and any potential impact and risks to the users as a result of PFAS contamination;
   d) Identification of the Data Quality Objectives (DQOs);
   e) A summary of the monitoring results completed prior to 15 October 2018; and
   f) Preliminary Conceptual Site Model (CSM).

4. By 15 October 2018, submit to the department an assessment report detailing possible aquatic biota and human health exposure to PFAS as per the scope of works included in, but not necessarily be limited to, RTAW document "18100235-006-R-Rev0 – RTAW Weipa – Biota SAQP.pdf". The report at a minimum must include:
   a) Identification of the Data Quality Objectives as defined in Schedule B2 of the ASC NEPM;
   b) A description of the receiving environment, including ecological ecosystems, environmental values and fisheries;
   c) Details and rationale of sample procedures;
   d) Details and rationale of the analytical approach taken for the investigation including types of contaminants analysed, screening values for the analytical data, sampling locations and biota sampled;
   e) Details of rationale of quality assurance and quality control methods;
   f) A summary of the investigation results, conclusions and, if required, recommendations for further investigation; and
   g) An ecological and human health risk assessment.

5. By 30 November 2018, submit to the department a review of current foam stocks, and where samples can be obtained, include their PFAS content determined using the analysis for:
    a) Standard suite of PFAS using liquid chromatography-mass spectrometry; and
    b) Total Oxidisable Precursor Assay (TOPA) reported as the analyses for the resulting perfluorinated caboxylates for C4-C14 carbon chain length (TOPA C4-C14) at a National Association of Testing Authorities (NATA) accredited laboratory.
6. Using the findings and results of the PSI and Biota Assessment completed in requirements 3 and 4 respectively, by 30 November 2018, prepare and submit to the department an Interim Risk Assessment that assesses the risk to environmental values and details interim management measures to protect the relevant environmental values.
7. Prior to commencing requirement 8, submit to the department for review and comment, a draft Sampling, Analysis and Quality Plan (SAQP) designed to characterise the nature and extent of PFAS contamination impacts at all the locations to which this notice relates. Comments provided to you by the department in relation to the SAQP, must be considered before commencing monitoring.
8. By 30 April 2019, submit to the department a Detailed Site Invesitgation (DSI) report in prepared in accordance with ASC NEPM. Notwithstanding ASC NEPM, the report must:
    a) Delineate the lateral and vertical extent of contamination at the premises and adjoining impacted land;
    b) Include an updated CSM; and
    c) Where environmental harm has been identified, include remediation and management options to address the harm.

The environmental investigation must be carried out, and the environmental report prepared by a suitably qualified person. A suitably qualified person is defined as per s564 of the Act and Schedule B9 of the ASC NEPM.

The environmental report must be submitted to the department on or before: Tuesday, 30 April 2019

As the recipient of this notice, you are also required to provide a statutory declaration in the form attached, to accompany the environmental report submitted to the department.

The suitably qualified person who prepares the environmental report must also provide a statutory declaration in the form attached to the environmental report submitted to the department.

Copies of the template statutory declarations can also be accessed from the Queensland Government website at www.qld.gov.au, using the publication number as a search term:

2. Statutory declaration environmental evaluation for recipient (ESR/2016/1997)
3. Statutory declaration for suitably qualified person (ESR/2016/2266)
4. Statutory declaration environmental evaluation for auditor (ESR/2016/2265)

Take notice:

1. The requirements of the notice to conduct or commission an environmental investigation take effect immediately upon service of this notice;
2. This notice remains in force until further notice from the department; and
3. You are responsible for meeting the costs of conducting or commissioning the environmental evaluation, preparing the environmental report and providing any further information as requested by the department.

C. Reviews and appeals

The provisions regarding reviews of decisions and appeals are found in sections 519 to 539 of the Act.

A person who is dissatisfied with certain decisions of the department, may be able to apply to have the department review that original decision.

Generally, a request to have a decision reviewed must:

- be made within 10 business days of the decision being notified to the person;
- be supported by enough information to enable the department to decide the application for review; and
- be made using the application form, Application for review of original decision (ESR/2015/1573) available on the Queensland Government website at www.qld.gov.au, using the publication number (ESR/2015/1573) as a search term.

Where an application has been made for a decision to be reviewed, the applicant may also apply to the relevant court for a stay of the decision to secure the effectiveness of the review.

Once the original decision has been reviewed, a person who is dissatisfied with the review decision may be able to appeal against that decision to the relevant court within 22 business days after receiving notice of the review decision.

A person whose interests are or would be adversely affected by a decision of the department may also be able to request a statement of reasons for a decision or a statutory order review under the *Judicial Review Act 1991*.

For further information about reviews and appeals see the information sheet, Internal review and appeals (ESR/2015/1742) available on the Queensland Government website at www.qld.gov.au, using the publication number (ESR/2015/1742) as a search term.

The information sheets are available on the Queensland Government website at www.qld.gov.au, using the publication number as a search term.

You may have other legal rights or obligations and should seek your own legal advice.

D. Penalty

Failure to comply with a notice to conduct or commission an environmental evaluation is an offence.

1. The maximum penalty for an individual is 300 penalty units, totalling $ 39,165.
2. The maximum penalty for a corporation is 1500 penalty units, totalling $ 195,825.

Should you have any queries in relation to this notice, please contact Quinn McDonald of the department on telephone number 07 4222 5597.



Signature

7/9/18

Date

Gus Gonzo

Delegate of the Chief Executive

Department of Environment and Science

Environmental Protection Act 1994

Enquiries:

Level 3, 5B Sheridan St, CAIRNS

PO Box 7230, CAIRNS, QLD, 4870

Ph: (07) 4222 5334

Email: estownsville@des.qld.gov.au

Appendix D

Photographs

Project Sam		**PHOTOGRAPHIC LOG**
Site Name: Weipa, Queensland	**Site Location:** Railway Workshop	**Project No:** 60588844
Plate No. 1 / **Date:** 14/11/2018		
Direction Photo Taken: South		
Description: Sampling location RWW SS03.		



Project Sam		**PHOTOGRAPHIC LOG**
Site Name: Weipa, Queensland	**Site Location:** Weipa Airport	**Project No:** 60588844
Plate No. 2 / **Date:** 17/11/2018		
Direction Photo Taken: East		
Description: Sampling location AP SS04.		



Project Sam

PHOTOGRAPHIC LOG

Site Name:	**Site Location:**	**Project No:**
Weipa, Queensland	Evans Landing	60588844

Plate No.	**Date:**
3	17/11/2018

Direction Photo Taken:

Northwest

Description:

Sampling location ELS SS02. SES Building visible in background.



Project Sam

PHOTOGRAPHIC LOG

Site Name:	**Site Location:**	**Project No:**
Weipa, Queensland	Lorim Point Ship Loading Facility	60588844

Plate No.	**Date:**
4	21/11/2018

Direction Photo Taken:

North

Description:

Sampling location EMB/LP/OSB.
Near ship loading wharf.



Project Sam **PHOTOGRAPHIC LOG**

Site Name: Weipa, Queensland	**Site Location:** Andoom HEQ	**Project No:** 60588844

Plate No. 5	**Date:** 22/11/2018

Direction Photo Taken:

West

Description:

Andoom HEQ wash bay. Sample PR/AND/WS taken down embankment on left side of photo.



Project Sam **PHOTOGRAPHIC LOG**

Site Name: Weipa, Queensland	**Site Location:** Beening Creek	**Project No:** 60588844

Plate No. 6	**Date:** 19/02/2019

Direction Photo Taken:

West

Description:

Field staff taking sample SW/BEN/DOS – Beening Creek, downstream.



Project Sam **PHOTOGRAPHIC LOG**

Site Name: Weipa, Queensland	**Site Location:** East Weipa HEQ	**Project No:** 60588844

Plate No. 7	**Date:** 19/02/2019

Direction Photo Taken:

Northwest

Description:

Discharge point for the East Weipa HEQ wash bay. Location of sample PR/EWM/WP



Project Sam **PHOTOGRAPHIC LOG**

Site Name: Weipa, Queensland	**Site Location:** East Weipa HEQ	**Project No:** 60588844

Plate No. 8	**Date:** 19/02/2019

Direction Photo Taken:

West

Description:

Field staff taking sample PR/EWM/WP/DOS, downstream (south) of the East Weipa HEQ wash bay.



Appendix E

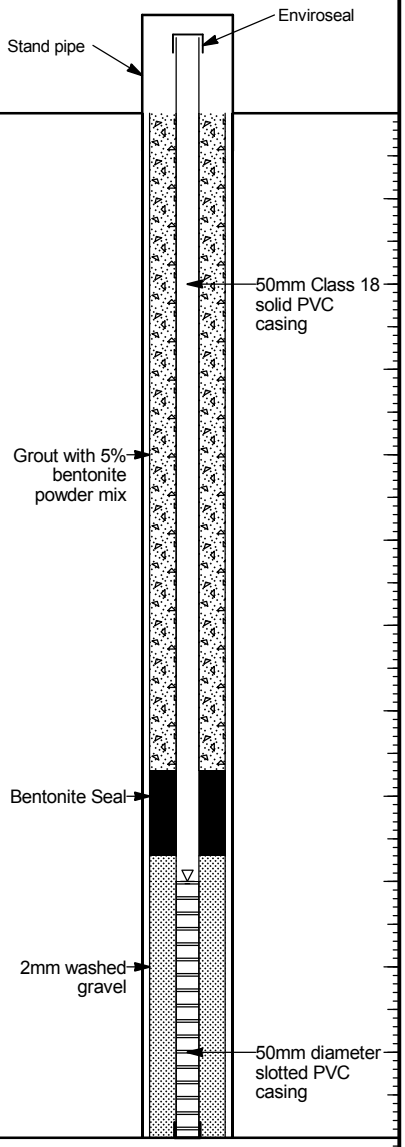
Bore Logs

MONITORING WELL AHEQ MW07

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **12-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **12-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CL/CH	Silty CLAY (reworked), medium plasticity, red to brown.	<<PL				0.0 - 0.1
					GC	Clayey GRAVEL, fine to medium grained, uniformly graded, rounded gravels (pisoliths) red.	D				0.4 - 0.5
1											0.9 - 1.0
											1.4 - 1.5
2					GC	Fine to coarse, rounded to subrounded gravels.	D				1.9 - 2.0
3					CLS	Sandy CLAY, medium plasticity, fine to medium grained, red to brown, trace fine to medium subangular iron-rich gravels.	<PL				2.9 - 3.0
4					CLG	Gravelly CLAY, medium plasticity, subangular iron-rich gravels, red to pink.	D				
5					CLS	Sandy CLAY, medium plasticity, red to brown with white mottling, trace fine subangular iron-rich gravels.	<PL				
6											5.9 - 6.0
7											
8											
9											8.9 - 9.0
10	Solid Flight Auger (125mm)				CL	CLAY, medium plasticity, red to orange, trace fine subangular to angular gravels.	>PL				
11											
12						Hole terminated at 12.0m					11.9 - 12.0
13											
14											
15											

WELL CONSTRUCTION DETAILS



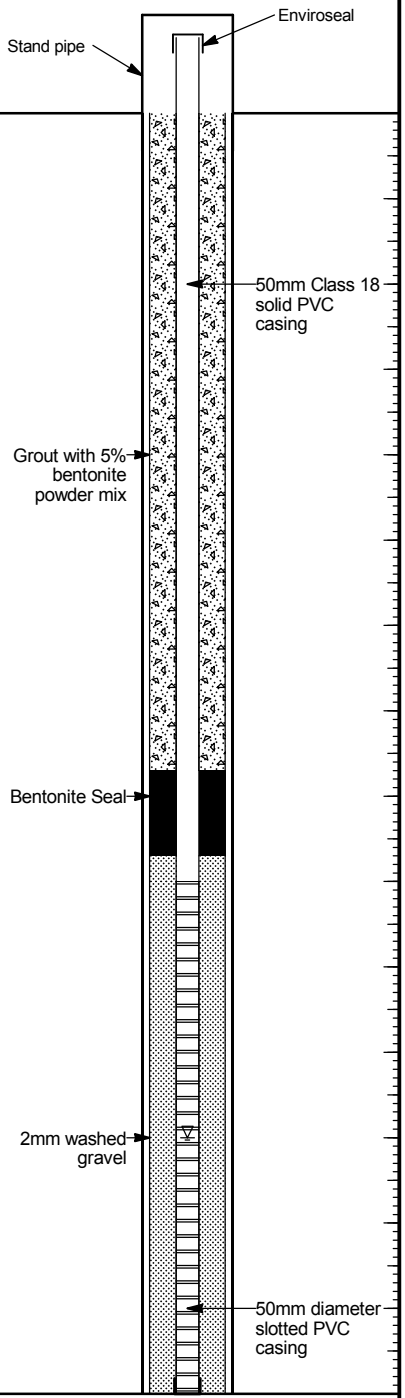
AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\432_FIELD NOTES\0.5 BORE LOGS\PROJECT SAM.GPJ 14/3/19

MONITORING WELL AHEQ MW08

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **15.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **12-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **12-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CL/CH	Silty CLAY (natural), medium plasticity, red.	<PL				0.0 - 0.1
					GC	Clayey GRAVEL, fine to coarse grained, well graded, subangular to rounded gravels, red with yellow mottling.	D				0.4 - 0.5
1					CL/CH	Sandy CLAY, low to medium plasticity, medium grained, red.	<PL				0.9 - 1.0
					GC	Gravelly CLAY, medium plasticity, fine to medium subrounded iron-rich gravels, red.	D				1.4 - 1.5
2											
3											
4					CL/CH	Sandy CLAY, medium to high plasticity, fine to medium grained, red and white mottling, trace fine subangular gravels.	<PL				
5											
6					CL/CH	Medium plasticity, fine grained sands.	<PL				5.9 - 6.0
7											
8											
9											8.9 - 9.0
10											
11											
12	Solid Flight Auger (125mm)				CL/CH	CLAY, high plasticity, orange, trace fine subangular to angular gravels.	>PL				11.9 - 12.0
13											
14											
15						Hole terminated at 15.0m					

WELL CONSTRUCTION DETAILS



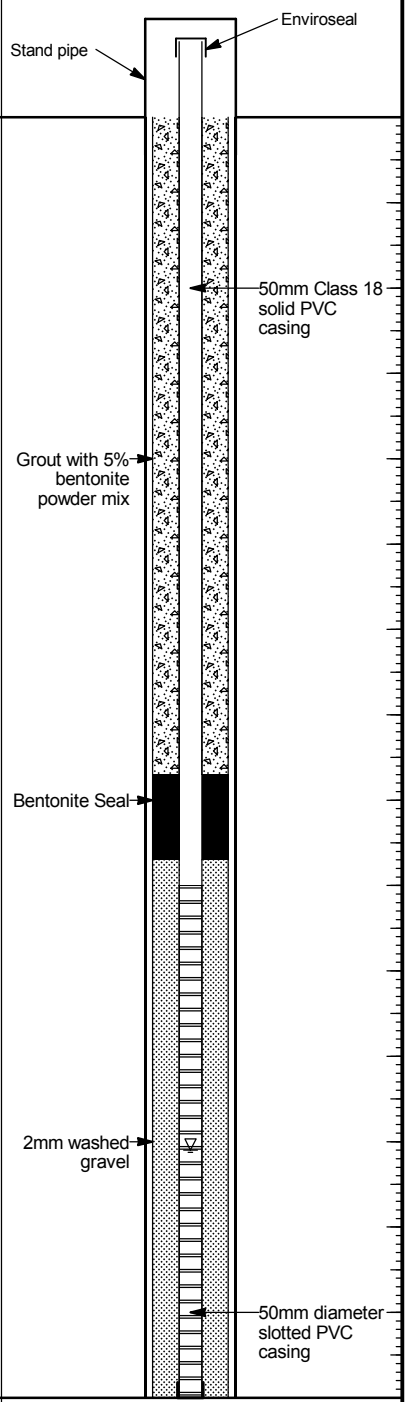
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MONITORING WELL AHEQ MW09

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **15.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **15-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **18-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CLG	Gravelly CLAY (natural), non-plastic, rounded to subangular poorly graded gravels, red to brown.	<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1					SM	Silty SAND, fine to medium grained, red, some fine to medium rounded gravels (pisoliths).	D		G		0.9 - 1.0
					GC	Clayey GRAVEL, fine to medium grained, well graded, red, rounded gravels.	D		G		1.4 - 1.5
2					CL/CH	Silty CLAY, medium plasticity, red, some fine to medium subrounded to subangular iron-rich gravels.	<PL				1.9 - 2.0
3											2.9 - 3.0
4											
5					CL/CH	Trace fine to medium grained sands.	<PL				
6					CL/CH	Red to brown, some fine to coarse subrounded to subangular iron-rich gravels.	<PL				5.9 - 6.0
7											
8					CL	Gravels absent, some white mottling.	>PL				
9											8.9 - 9.0
10					CL/CH	Sandy CLAY, low to medium plasticity, fine grained, red to brown with white mottling.	<PL				
11											
12	Solid Flight Auger (125mm)				CL/CH	CLAY, medium plasticity, red with white and orange mottling.	~PL				11.9 - 12.0
					CH	High plasticity, trace fine grained sands.	>PL				12.1 - 12.2
13						No returns					
14											
15						Hole terminated at 15.0m					14.9 - 15.0

WELL CONSTRUCTION DETAILS



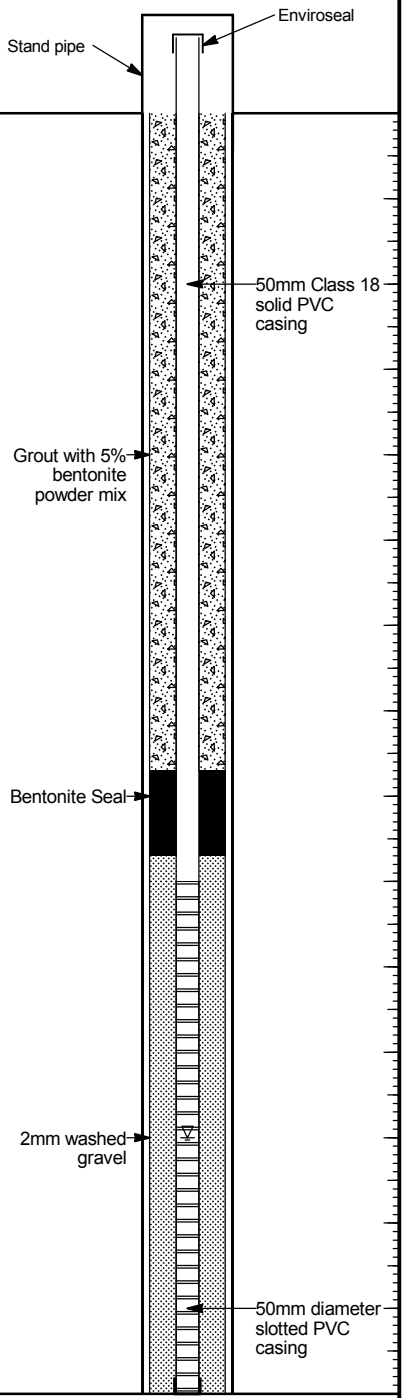
AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\432_FIELD NOTES\0.5 BORE LOGS\PROJECT SAM.GPJ 14/3/19

MONITORING WELL AHEQ MW10

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **15.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **12-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **12-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GC	Clayey GRAVEL, fine to coarse grained, well graded, rounded gravels (pisoliths), red.	D				0.0 - 0.1
											0.4 - 0.5
1											0.9 - 1.0
											1.4 - 1.5
2					CL/CH	Sandy CLAY, medium plasticity, fine grained, red to brown with occasional white mottling, trace subangular gravels.	D				1.9 - 2.0
3											2.9 - 3.0
4											
5											
6					CL/CH	Gravelly CLAY, low to medium plasticity, fine to medium subangular gravels, red.	<PL				5.9 - 6.0
7											
8											
9					CL/CH	CLAY, medium plasticity, red, some fine gravels.	<PL				
10											8.9 - 9.0
11											
12	Solid Flight Auger (125mm)				CL/CH	Medium to high plasticity, red to orange with white mottle, trace fine grained sands and fine gravels.	>PL				11.9 - 12.0
13											
14											
15						Hole terminated at 15.0m					

WELL CONSTRUCTION DETAILS



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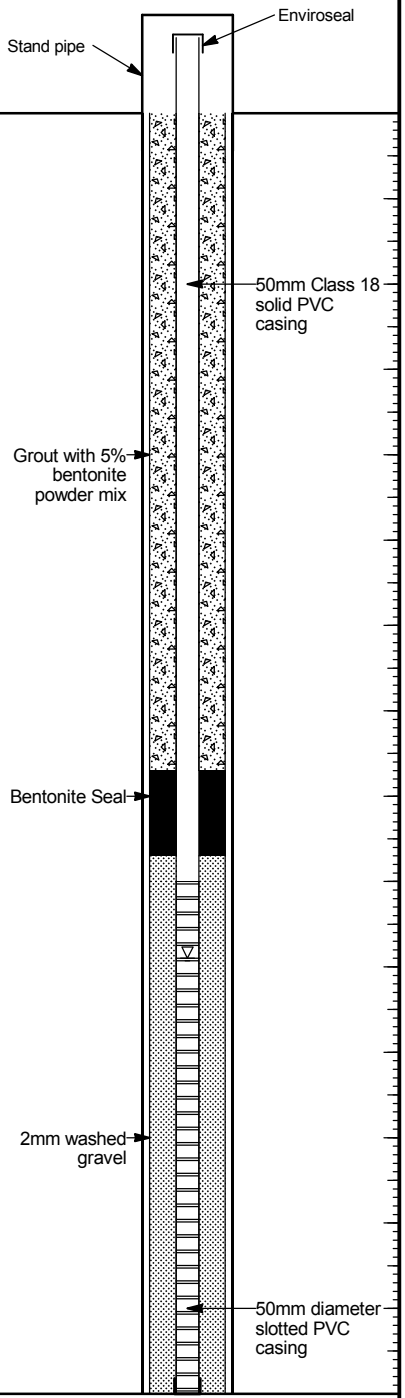
AECOM

MONITORING WELL AHEQ MW11

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **15.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **12-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **13-11-19**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GC	Clayey GRAVEL (natural), medium to coarse grained, well graded, rounded gravels (pisoliths), red.	D		G		0.0 - 0.1
									G		0.4 - 0.5
1									G		0.9 - 1.0
					GC	White to yellow mottling.	D		G		1.4 - 1.5
2					(CL/CH)	Silty CLAY, medium plasticity, brown, some fine to medium subangular iron-rich gravels.	D				1.9 - 2.0
3					(CL/CH)	Colour change brown to purple.	<PL				2.9 - 3.0
4					(CL/CH)	Some white mottling.	<PL				
5											
6											5.9 - 6.0
7											
8											
9					(CL/CH)	Trace fine subrounded iron-rich gravels.	<PL				
10					CL/CH	Colour change red to purple.	~PL				9.9 - 10.0
11					CL/CH	CLAY, high plasticity, light brown to orange with grey mottling, trace fine to medium grained sands.	~PL->PL				
12	Solid Flight Auger (125mm)										11.9 - 12.0
13											
14											
15						Hole terminated at 15.0m					14.9 - 15.0

WELL CONSTRUCTION DETAILS



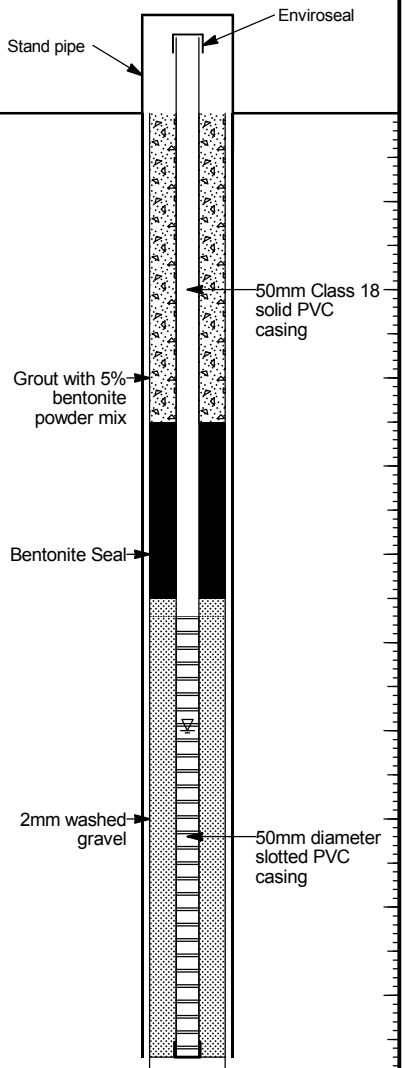
AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\432_FIELD NOTES\0.5 BORE LOGS\PROJECT SAM.GPJ 14/3/19

MONITORING WELL ELN MW09

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **11.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **15-11-16**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **17-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0					SW	Clayey SAND (natural), fine grained, well graded, light red to brown, trace fine rounded gravels.	D		G		0.0 - 0.1
									G		0.4 - 0.5
1					CL	Sandy CLAY, plastic, fine grained, red with minor white mottling, trace fine subrounded to angular gravels.	<PL		G		0.9 - 1.0
	NDD					Increase in white mottles.	<PL		G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
						CLAY, low to medium plasticity, red.	<PL				
4											
5					GW/GC	Gravelly CLAY, medium plasticity, fine to medium rounded gravels (pisoliths), red.	<PL				
6											5.9 - 6.0
7					CLS	Sandy CLAY, medium plasticity, fine to medium grained, red, few rounded gravels (pisoliths).	~PL				7.0 - 7.1
						Medium to high plasticity, white.	~PL				
8						Colour change white to yellow with brown banding.	~PL				
9											8.9 - 9.0
	Solid Flight Auger (125mm)				SW	Clayey SAND, medium to coarse grained, well graded, white.	W				
10											
11											10.9 - 11.0
						Hole terminated at 11.0m					
12											
13											
14											

WELL CONSTRUCTION DETAILS



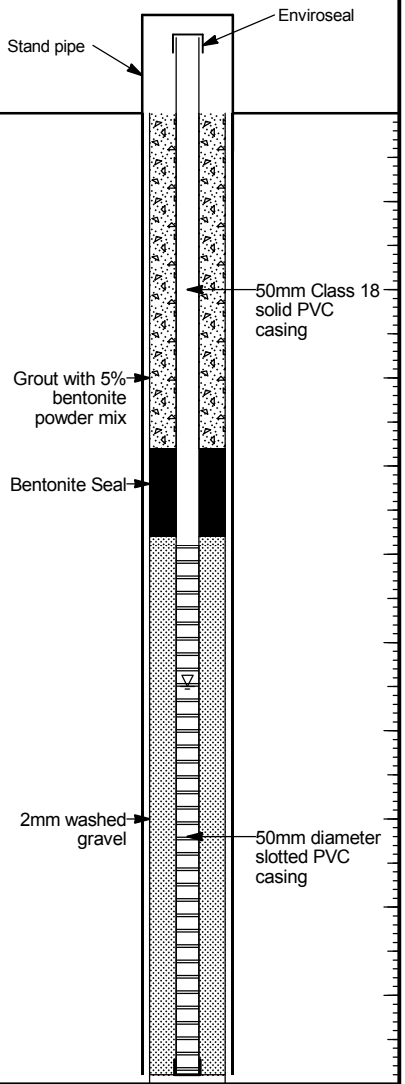
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MONITORING WELL ELN MW10

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **11.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **15-11-16**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **16-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GM	Silty GRAVEL (natural), fine to medium rounded gravels, poorly graded, red.	D		G		0.4 - 0.5
1					GC	Gravelly CLAY, plastic, fine to medium angular gravels, poorly graded, red.	<PL		G		0.9 - 1.0
									G		1.4 - 1.5
2					GC	Clayey GRAVEL, fine to medium rounded gravels (pisoliths), red with white mottling.	D				1.9 - 2.0
						Fine rounded gravels (pisoliths), uniformly graded, light red to brown.	D				
3						Increase in clay content.	D				2.9 - 3.0
4					CL	CLAY, low plasticity, light red-brown with white mottling, trace fine rounded gravels.	<PL				
5					CL/CH	Silty CLAY, plastic, white, slightly moist.	<PL				
6						Colour change to light orange-brown.	>PL				5.9 - 6.0
7					CLS	Sandy CLAY, plastic, fine grained, uniformly graded, white, yellow and dark red mottling, wet.	>PL				
8											
9						Colour change to white, increase in sand content.	>PL				8.9 - 9.0
10	Solid Flight Auger (125mm)				CL/CH	CLAY, high plasticity, white, trace fine grained sand.	>PL				
						Increase in sand content.	>PL				
11						Hole terminated at 11.0m					10.9 - 11.0
12											
13											
14											

WELL CONSTRUCTION DETAILS



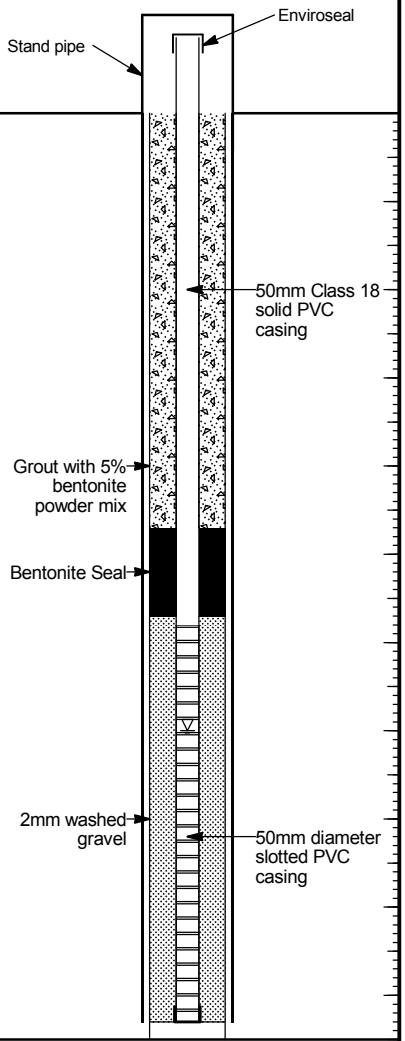
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MONITORING WELL ELS MW28

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **10.50 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **15-11-16**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **17-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CL	Sandy CLAY (natural), low plasticity, fine grained, well graded, brown, trace fine subrounded gravels.	<PL		G		0.4 - 0.5
1					SP	Gravelly SAND, fine grained, poorly graded, fine rounded gravels, red.	D		G		0.9 - 1.0
									G		1.4 - 1.5
2						No returns.	D				1.9 - 2.0
3					GC	Clayey GRAVEL, fine to medium grained, well graded rounded gravels (pisoliths), light brown to red, trace sands.	D				2.9 - 3.0
4						Coarse subrounded gravels.	~PL				
5					CL/CH	Gravelly CLAY, medium plasticity, fine to medium subangular iron-rich gravels, red.	<PL				
6											5.9 - 6.0
7	Solid Flight Auger (125mm)				CL/CH	Sandy CLAY, medium plasticity, fine to medium grained, red.	~PL				7.0 - 7.1
8						Medium to high plasticity, red and brown with white and yellow mottling.	>PL				
9						High plasticity; white with red mottling, medium to coarse sand, stiff.	>>PL				8.9 - 9.0
10											10.4 - 10.5
11						Hole terminated at 10.5m					
12											
13											
14											

WELL CONSTRUCTION DETAILS



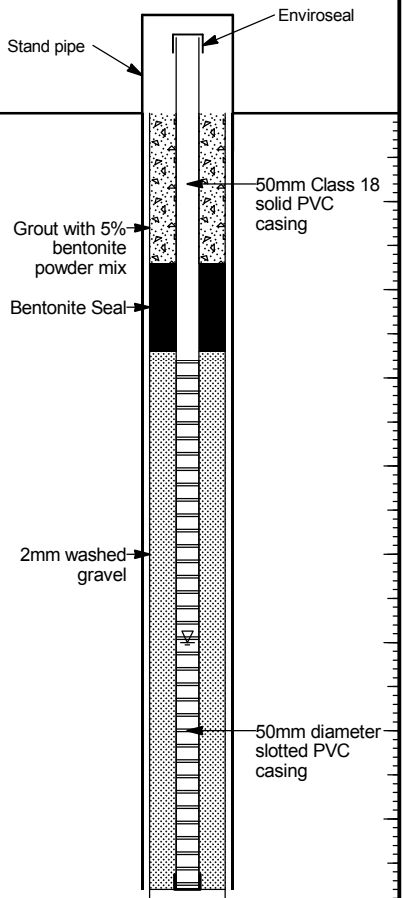
AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\432_FIELD NOTES\0.5 BORE LOGS\PROJECT SAM.GPJ 14/3/19

MONITORING WELL ELS MW29

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **9.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **15-11-16**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **16-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0					GWS	Sandy GRAVEL (natural), fine grained, well graded, fine to medium rounded gravels (pisoliths), red.			G		0.4 - 0.5
1						Fine to coarse subrounded to rounded gravels.			G		0.9 - 1.0
	NDD				GC	Clayey GRAVEL, fine to coarse grained, well graded, rounded gravels (pisoliths), red with white mottling.	D		G		1.4 - 1.5
2											1.9 - 2.0
						Increase in clay content, with trace medium to coarse sands.	D				
3											2.9 - 3.0
4											
5					(CL/CH)	Gravelly CLAY, medium plasticity, white and red mottling.	~PL				
						Rounded gravels (pisoliths) with trace medium to coarse sand.	~PL				
6											5.9 - 6.0
	Solid Flight Auger (125mm)				SC	Clayey SAND, medium to coarse grained, well graded, light red with white mottling.	W				
7						Clay stiffness increasing.	W				
8											
9					CLS	Sandy CLAY, high plasticity, medium to coarse grained, white with red mottling, stiff.	~PL				8.9 - 9.0
						Hole terminated at 9.0m					
10											
11											
12											
13											
14											

WELL CONSTRUCTION DETAILS



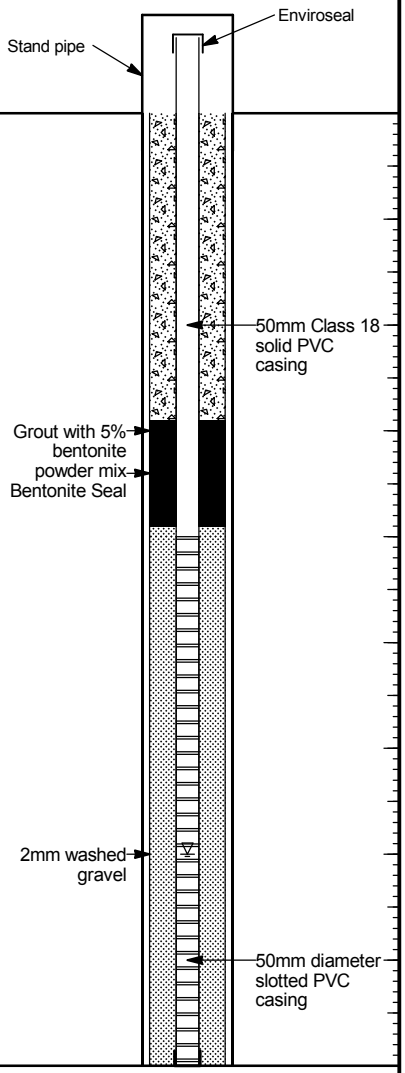
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MONITORING WELL RWW MW06

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **9.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **9-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **10-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	Solid Flight Auger (125mm)				CLG	Gravelly CLAY, medium plasticity, rounded to subangular (few) gravels, red.	<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1									G		0.9 - 1.0
	NDD				GC	Clayey GRAVEL, fine to medium rounded to subangular (few) gravels, red.	D		G		1.4 - 1.5
2											1.9 - 2.0
						No returns.					
					GC	Clayey GRAVEL, fine to medium rounded gravels, red.	D				
3											2.9 - 3.0
					CL/CH	Silty CLAY, medium plasticity, purple to brown with white mottling.	<PL				
4											
5											
						Colour change to grey to white.	<PL				
6											5.9 - 6.0
						No returns.					
					CLS	Sandy CLAY, high plasticity, medium to coarse grained, purple.	~PL				
7											
						Becoming stiff.	~PL				
8					CL/CH	CLAY, medium to high plasticity, white with purple mottling, very stiff.	<PL				8.2 - 8.3
											8.9 - 9.0
9						Hole terminated at 9.0m					
10											
11											
12											

WELL CONSTRUCTION DETAILS



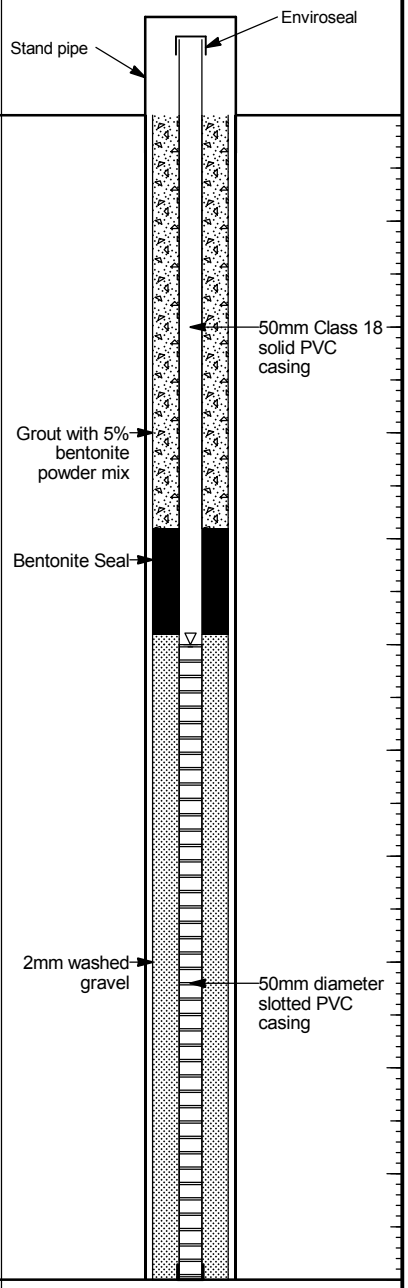
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MONITORING WELL RWW MW07

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **11.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **7-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **8-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GM	Silty GRAVEL (natural), medium to coarse, poorly sorted, subrounded to subangular gravels, brown to red.	<<PL		G		0.0 - 0.1
					GC	Clayey GRAVEL, medium plasticity, fine to coarse well graded, rounded to angular gravels, red to brown. Fine to medium, uniformly graded, rounded gravels (pisoliths), red. Subangular gravels with trace rounded gravels.	D		G		0.4 - 0.5
1							D		G		0.9 - 1.0
							D		G		1.4 - 1.5
2											1.9 - 2.0
					CLG	Gravelly CLAY, medium plasticity, fine to medium subangular gravels, light red with some white mottling.	<PL				
3											2.9 - 3.0
4											
5					CLS	Sandy CLAY, medium plasticity, fine to medium grained, red with white mottling.	~PL				
6											5.9 - 6.0
						Colour change to white.	>PL				
7						Medium to high plasticity.	>PL				
8											
9	Solid Flight Auger (125mm)					Grain size increase to medium to coarse.	>>PL				8.9 - 9.0
10											
					CH	CLAY, medium to high plasticity, white, very stiff.	<PL				
11						Hole terminated at 11.0m					
12											

WELL CONSTRUCTION DETAILS



AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\432_FIELD NOTES\0.5 BORE LOGS\PROJECT SAM.GPJ 14/3/19

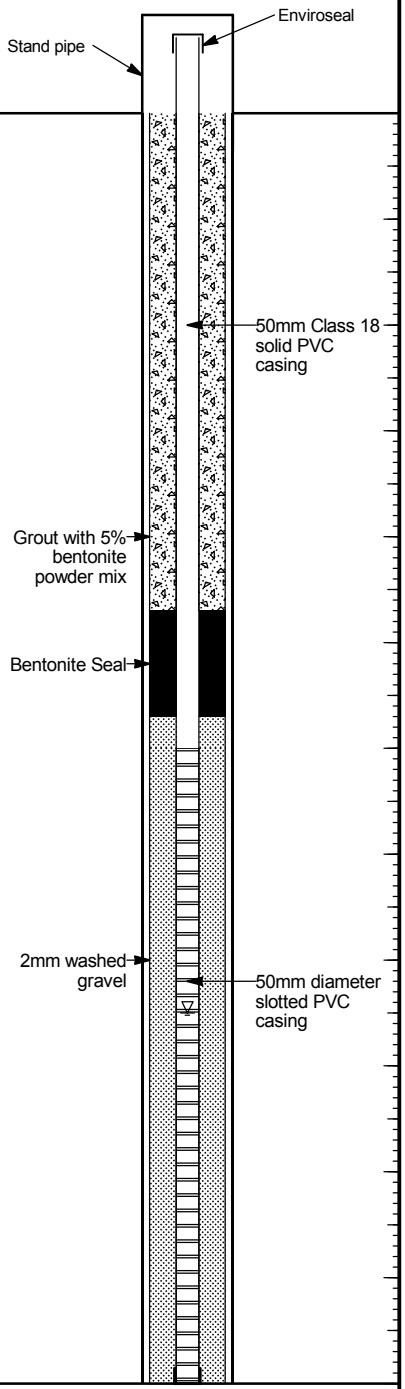
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MONITORING WELL RWW MW08

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **8-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **8-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GM	Silty GRAVEL (natural), medium to coarse, poorly graded, subrounded to subangular gravels, brown to red.	<<PL		G		0.0 - 0.1
					GC	Clayey GRAVEL, fine to coarse, well graded, rounded to subangular (few) gravels, red to brown. Medium plasticity, medium subangular gravels.	D		G		0.4 - 0.5
1							D		G		0.9 - 1.0
									G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
						Some white mottling.	D				
4					CL	Silty CLAY, medium plasticity, red, occasional subangular gravels with trace fine grained sands.	D				
5											
6											5.9 - 6.0
						Gravels no longer present.	<PL				
7					CLS	Sandy CLAY, medium to high plasticity, fine to medium grained sands, white.	<PL				
8											
						White with red mottling.	>PL				
9											8.9 - 9.0
10	Solid Flight Auger (125mm)					Sand becoming medium to coarse grained.	>PL				
11											
12											11.9 - 12.0
						Hole terminated at 12.0m					

WELL CONSTRUCTION DETAILS



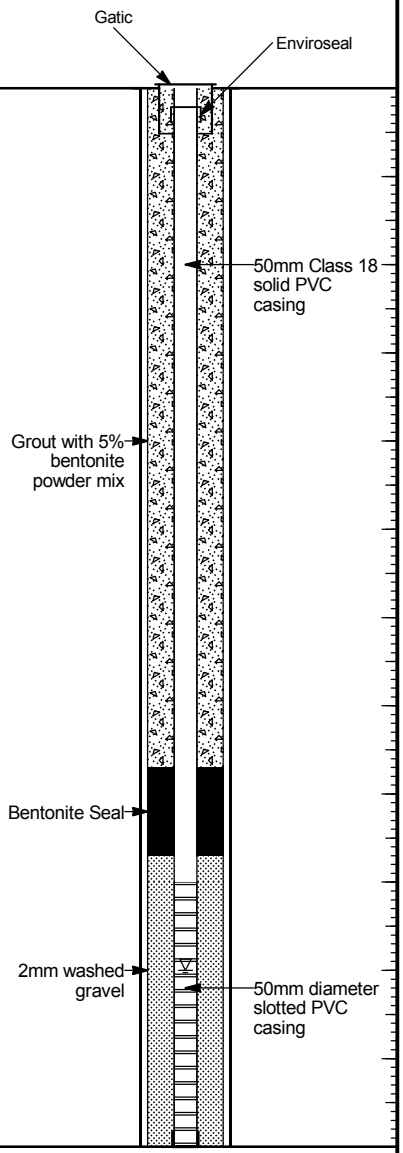
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MONITORING WELL LPI MW25

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **5-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **6-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CLS	Sandy CLAY (natural), low to medium plasticity, fine grained, red to brown, rootlets present in top 0.02 m.	<<PL		G		0.0 - 0.1
					GC	Sandy clayey GRAVEL, very fine to coarse grained, well graded, rounded gravels (pisoliths), red with occasional yellow mottling. Becoming orange to light yellow with depth. Fine to medium grained poorly graded. Some subangular gravels.	D		G		0.4 - 0.5
1							D		G		0.9 - 1.0
							D		G		1.4 - 1.5
2											
3											2.9 - 3.0
					CL/ML	Silty CLAY, medium plasticity, red, some fine to coarse, subangular ironstone gravels. Minor white mottling, increasing with depth.	<PL				
4					CL		<PL				
5											
6											5.9 - 6.0
7					CLS	Sandy CLAY, medium to high plasticity, fine to medium grained, white.	<PL				
8											
9	Solid Flight Auger (125mm)					Increasing medium to coarse sand, white and yellow mottling.	~PL				8.9 - 9.0
10							>PL				9.9 - 10.0
11											
12											11.9 - 12.0
						Hole terminated at 12.0m					
13											
14											

WELL CONSTRUCTION DETAILS



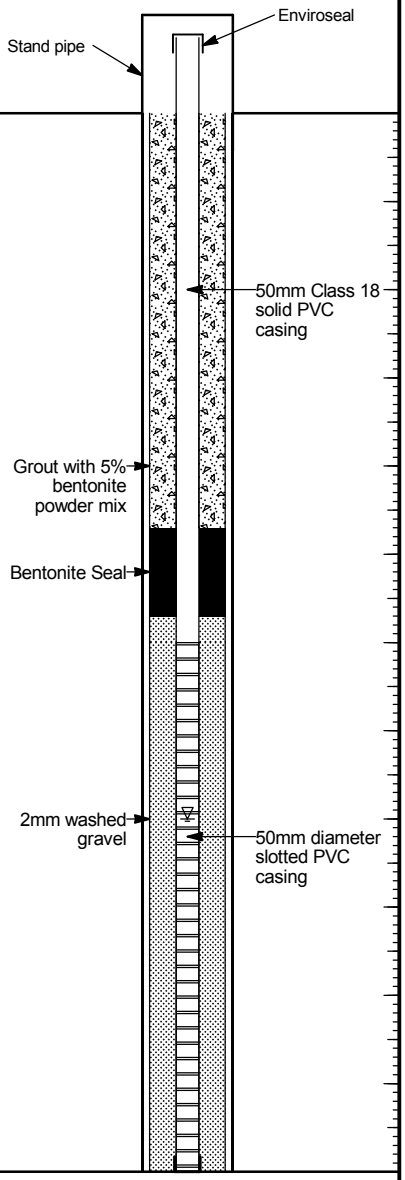
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MONITORING WELL LPI MW26

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **6-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **7-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				MLS	Sandy SILT (reworked), medium plasticity, light brown to red, minor fine to coarse subangular gravels.	<<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1					GP/GC	Gravelly CLAY (natural), medium to high plasticity, fine to coarse subangular to rounded gravels, red.	<<PL		G		0.9 - 1.0
					GC		D		G		1.4 - 1.5
2					SP	Clayey GRAVEL, fine to coarse subangular to rounded, well graded gravels, red.	D				
					CL/ML	SAND, medium to coarse grained, poorly graded, white, quartz-rich.	<<PL				
					GC	Silty CLAY, medium to high plasticity, red.	<PL				
3						Clayey GRAVEL, medium plasticity, fine to medium grained, uniformly graded, rounded gravels (pisoliths), red. Gravels becoming subrounded.	<PL				
4					GC	Gravelly CLAY, high plasticity, subrounded to subangular gravels, red.	<PL				
5						White mottling, increases with depth.	<PL				
6											5.9 - 6.0
7					CL/ML	Silty CLAY, medium plasticity, red and white mottling.	<PL				
8					CL/CH	Sandy CLAY, medium to high plasticity, medium to coarse grained, white to pink.	>PL				7.9 - 8.0
9											
10						Increase in sand content.	>PL				
11	Solid Flight Auger (125mm)										
12						Hole terminated at 12.0m					11.9 - 12.0
13											
14											

WELL CONSTRUCTION DETAILS



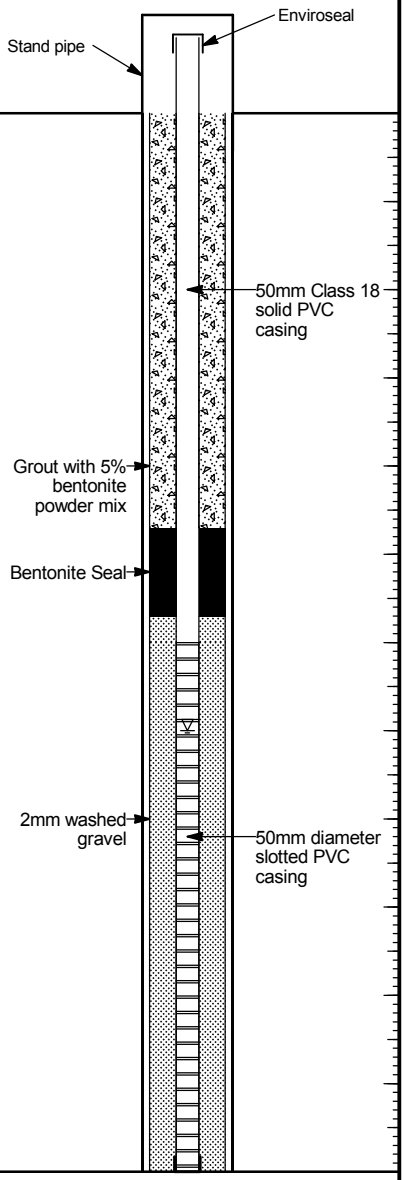
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MONITORING WELL LPI MW27

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **6-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **6-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GM	Gravelly sandy SILT (reworked), medium plasticity, fine to medium subangular gravels, light brown to red, rootlets present in top 0.02 m.	<<PL		G		0.0 - 0.1
0.5					CLG		D		G		0.4 - 0.5
1						Gravelly CLAY (natural), medium plasticity, fine to medium subangular and rounded gravels, red.			G		0.9 - 1.0
1.5									G		1.4 - 1.5
2					GC	Clayey GRAVEL, fine to coarse grained, well graded, rounded gravels (pisoliths), red.	D				
3						Increasing clay content.	D				2.9 - 3.0
4					CL/ML	Silty CLAY, medium plasticity, red, trace subangular medium gravels.	D				
5											
6											
7	Solid Flight Auger (125mm)				CLS	Sandy CLAY, medium to high plasticity, fine to medium grained, white to pink.	<PL				6.9 - 7.0
8						Increase in sand content, medium to coarse grained, white and yellow mottling.					
9											8.9 - 9.0
10											
11											
12											11.9 - 12.0
13						Hole terminated at 12.0m					
14											

WELL CONSTRUCTION DETAILS



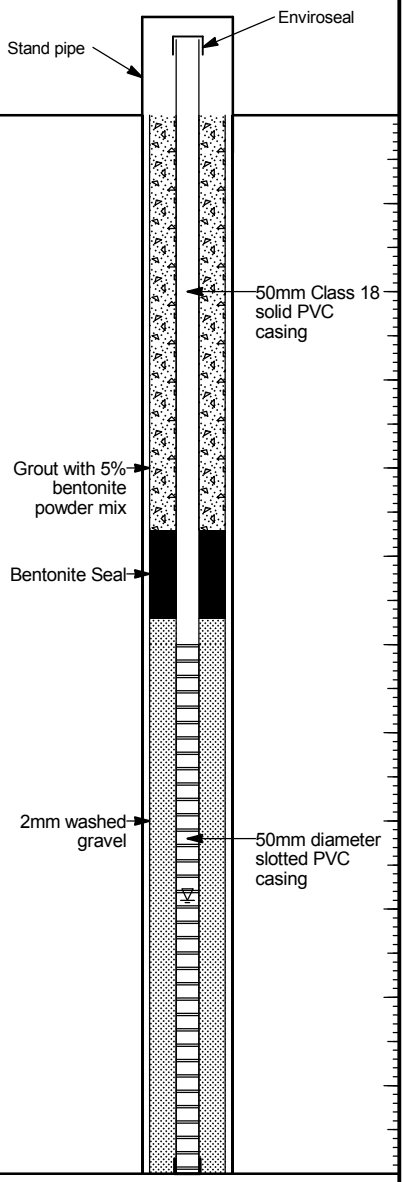
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MONITORING WELL LPI MW28

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **7-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **7-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				ML	Gravelly SILT (reworked), fine to coarse subrounded gravels, red and brown mottling.	<<PL		G		0.0 - 0.1
					SW		D		G		0.4 - 0.5
1					GC	SAND (natural), coarse grained, uniformly graded, yellow to white.	D		G		0.9 - 1.0
						Clayey GRAVEL, fine to medium, well graded, rounded to subangular gravels, red.			G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
4						Increase in clay content (white).	D				
5					CL/CH	CLAY, medium to high plasticity, white to light brown, minor medium to coarse quartz-rich sand.	<PL				
6											5.9 - 6.0
7											
8											
9	Solid Flight Auger (125mm)				CLS	Sandy CLAY, medium to high plasticity, medium grained, white, quartz-rich sand.	~PL				8.9 - 9.0
10						Increase in sand content.	>>PL				
11											
12						Hole terminated at 12.0m					11.9 - 12.0
13											
14											

WELL CONSTRUCTION DETAILS



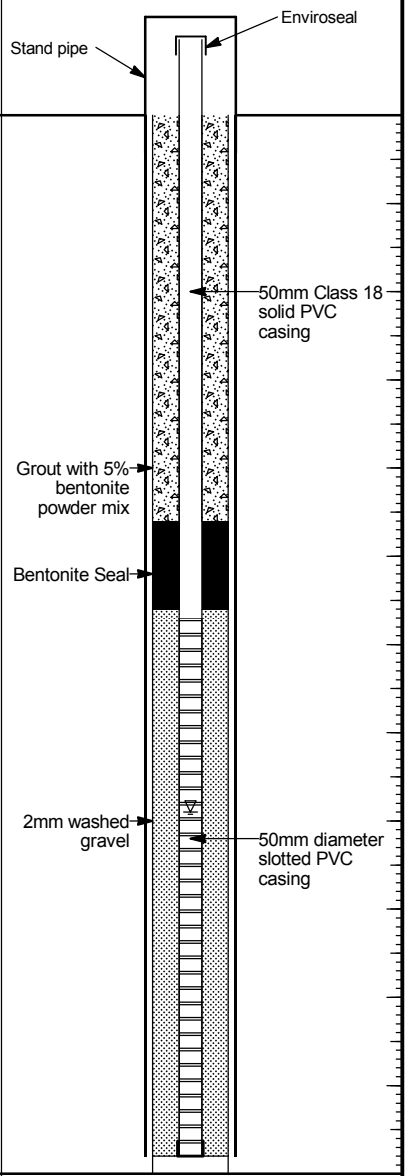
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MONITORING WELL LPI MW29

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **7-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **7-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				MLG	Gravelly SILT (reworked), fine to medium subrounded gravels, red to brown mottling.	<<PL		G		0.0 - 0.1
0.5					GC		D		G		0.4 - 0.5
1					CL/ML	Clayey GRAVEL, fine to coarse rounded to subangular, well graded gravels, red.	<PL		G		0.9 - 1.0
						Silty CLAY, low to medium plasticity, red.					
1.5					GC	Clayey GRAVEL, fine to coarse, rounded, well graded gravels, red.	D		G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
					ML	Silty CLAY, medium plasticity, red and white mottling.	<PL				
4						Increase in white clay.					
5					CL/CH	CLAY, medium to high plasticity, white, minor medium to coarse quartz-rich sand.	~PL				
6											5.9 - 6.0
7						Increasing sand content.	>PL				
8											7.9 - 8.0
9											
10											
11											
12	Solid Flight Auger (125mm)					Hole terminated at 12.0m					11.9 - 12.0
13											
14											

WELL CONSTRUCTION DETAILS



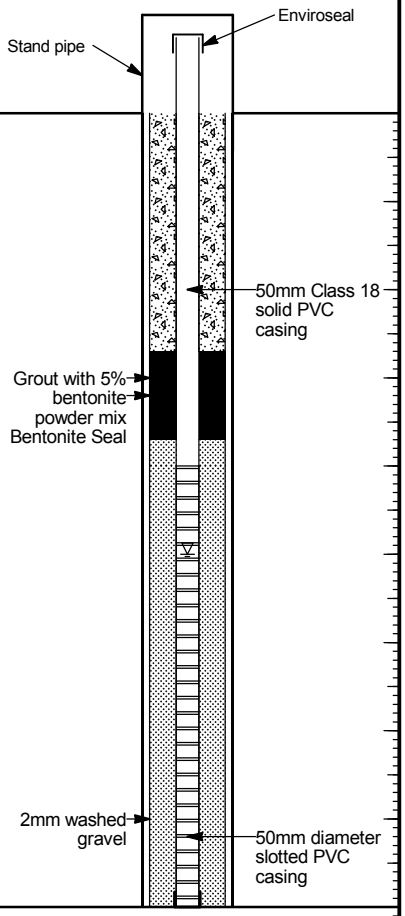
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MONITORING WELL LPI MW30

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **9.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **8-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **8-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				MLG	Gravelly SILT (natural), medium plasticity, fine to coarse subrounded to subangular gravels, brown to red, some clay.	<<PL		G		0.0 - 0.1
					GC		D		G		0.4 - 0.5
1						Clayey GRAVEL, fine to coarse, well graded, rounded gravels, red. Rounded gravels become more uniformly graded with depth.			G		0.9 - 1.0
							D		G		1.4 - 1.5
2						Medium plasticity, medium to coarse, subangular gravels, some silt.					1.9 - 2.0
3					CL/ML	Silty CLAY, low to medium plasticity, red, minor subangular gravels.	<PL				2.9 - 3.0
						Minor white clays.					
4					CL/CH	CLAY, medium to high plasticity, white, minor fine to medium grained quartz-rich sands.	~PL				
5						Increasing sand content with depth.					4.9 - 5.0
6	Solid Flight Auger (125mm)										5.9 - 6.0
7					SC	Clayey SAND, medium to coarse grained, white.	W				
8											
9						Hole terminated at 9.0m					8.9 - 9.0
10											
11											
12											
13											
14											

WELL CONSTRUCTION DETAILS



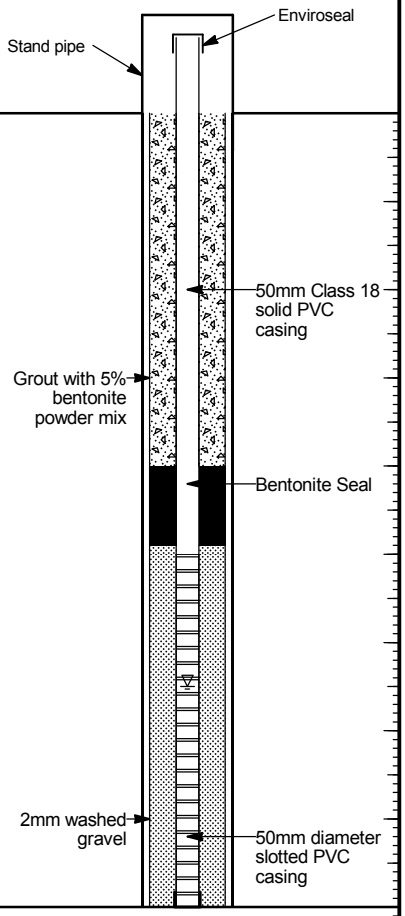
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MONITORING WELL LPI MW31

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **9.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **16-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **16-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CL/CH	Sandy CLAY (natural), non-plastic, fine grained, well graded, brown with red mottling, loose.	<<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1					GM	Silty GRAVEL; fine to coarse, poorly graded, rounded gravels (pisoliths), red.	D		G		0.9 - 1.0
					SP	SAND, fine to coarse grained, poorly graded, brown, loose, quartz-rich.	D		G		1.4 - 1.5
2											1.9 - 2.0
						Colour change to orange.					
3											2.9 - 3.0
4					CL/CH	Silty CLAY, medium plasticity, red with white mottling.	<PL				
5						Increase in white mottling.	~PL				
6											5.9 - 6.0
											6.4 - 6.5
7	Solid Flight Auger (125mm)				CH	CLAY, high plasticity, white and red mottling, minor fine grained sands.	>PL				
8						White, very stiff.	<PL				
9						Hole terminated at 9.0m					8.9 - 9.0
10											
11											
12											
13											
14											

WELL CONSTRUCTION DETAILS



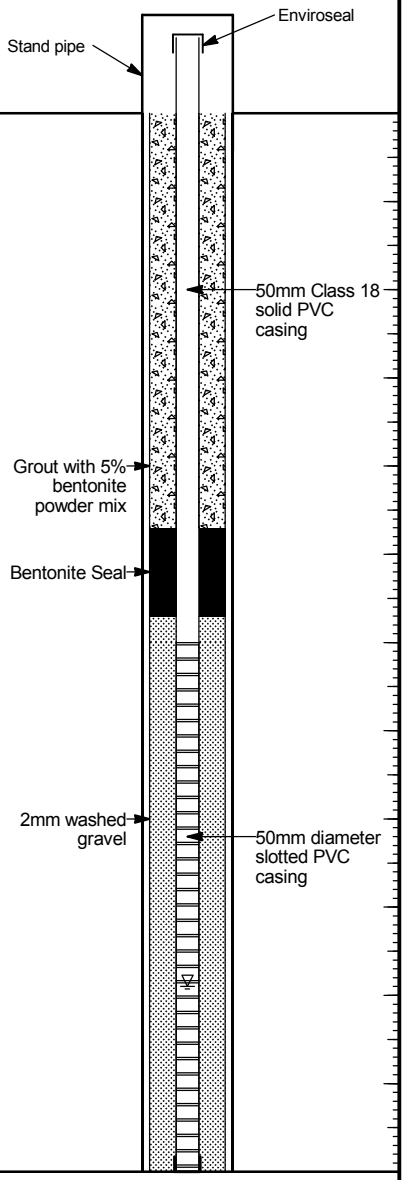
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MONITORING WELL LPI MW32

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **6-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **6-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				MLS	Sandy SILT (natural), medium plasticity, red, minor fine to medium subangular gravels, rootlets present in top 0.02 m.	<<PL		G		0.0 - 0.1
					CLG	Gravelly CLAY, medium to high plasticity, fine to coarse subangular to rounded gravels, red to red-brown.	<<PL		G		0.4 - 0.5
1					GC	Clayey GRAVEL, fine to coarse well graded, rounded to subrounded (minor) gravels, red. Fine uniformly graded rounded gravels (pisoliths). Fine to medium, poorly graded, rounded gravels (pisoliths).	D		G		0.9 - 1.0
							D		G		1.4 - 1.5
2							D				1.9 - 2.0
3					CLG	Gravelly CLAY, medium plasticity, fine to coarse subangular gravels, red with white mottling.	<PL				2.9 - 3.0
4											
5											
6						Decrease in gravels.					5.9 - 6.0
7					CH	CLAY, medium to high plasticity, white with pink mottling.	<PL				
8											
9											
10	Solid Flight Auger (125mm)				(SC)	Sandy CLAY, medium to high plasticity, medium to coarse grained, white, sand content increases with depth and becomes pink.	>PL				9.9 - 10.0
11											
12						Hole terminated at 12.0m					11.9 - 12.0
13											
14											

WELL CONSTRUCTION DETAILS



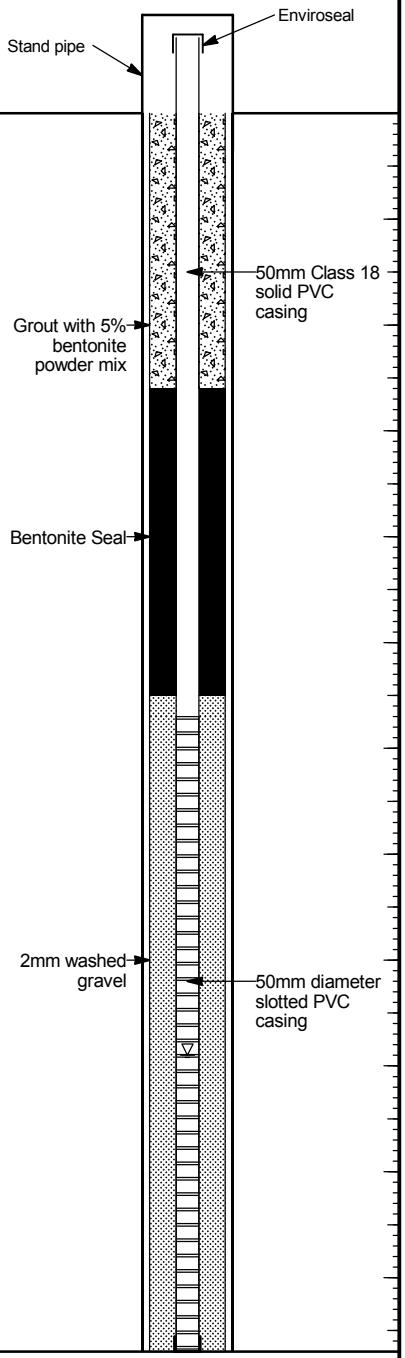
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MONITORING WELL AFD MW37

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **GM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **11.70 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **13-11-08**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **13-11-08**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD	Overcased			CL/ML	Silty CLAY (natural), medium plasticity, red.	<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1									G		0.9 - 1.0
					GC	Clayey GRAVEL, fine to fine grained, uniformly graded, rounded gravels, red.	D		G		1.4 - 1.5
2											1.9 - 2.0
3					MLS	Sandy SILT, fine grained, red, some fine to medium rounded gravels.	<PL				2.9 - 3.0
4					SP	SAND, fine to coarse grained, poorly graded, light orange, quartz-rich.	M				
5											
6						Some fine to medium subrounded quartz gravels.	M				5.9 - 6.0
7						Colour change to light yellow, no gravels present.	M				
8						Colour change to white, medium to fine grained, moist.					
9						Moisture increase					8.9 - 9.0
10	Solid Flight Auger (125mm)				CLS	Sandy CLAY, high plasticity, medium to coarse grained, well graded, white, wet.	W				
11					SC	Clayey SAND; medium to coarse grained, some subrounded gravels, wet.	W				11.5 - 11.7
12						Hole terminated at 11.7m					

WELL CONSTRUCTION DETAILS



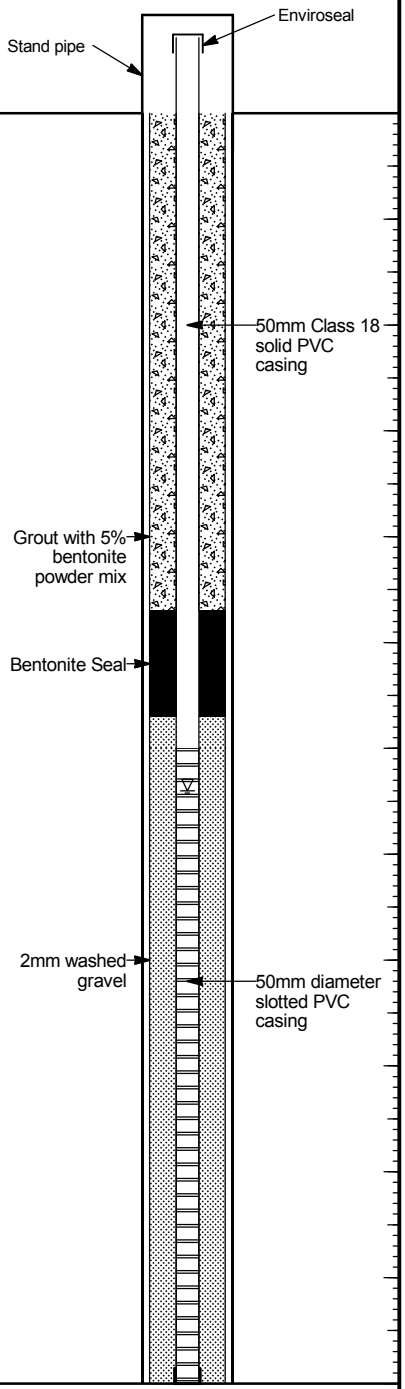
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MONITORING WELL ALF MW06

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **9-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **10-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				ML	Sandy SILT (natural), medium plasticity, brown, few fine to medium rounded gravels.	<PL		G		0.0 - 0.1
					GC		D		G		0.4 - 0.5
1					GC	Clayey GRAVEL, fine to medium grained, poorly graded, brown to red, rounded gravels present. Colour change to light red.	D		G		0.9 - 1.0
									G		1.4 - 1.5
2					SC	Silty CLAY, medium plasticity, red, few fine to medium subangular gravels.	<PL				1.9 - 2.0
3					ML	Clayey SILT, light red to white, trace fine subrounded quartz gravels.	<PL				2.9 - 3.0
4					CL/CH	Sandy CLAY, low to medium plasticity, fine grained, white to yellow.	<PL				
5											
6						Increasing sand content with some subrounded quartz gravels.	<PL				
7					SW	Clayey SAND, medium to coarse grained, uniformly graded, red.	W				6.4 - 6.5
8					SP	SAND, coarse grained, uniformly graded, white, trace white clay.	M				
9											8.9 - 9.0
											9.1 - 9.2
10	Solid Flight Auger (125mm)										
11		Overcased									
12						Hole terminated at 12.0m					11.9 - 12.0

WELL CONSTRUCTION DETAILS



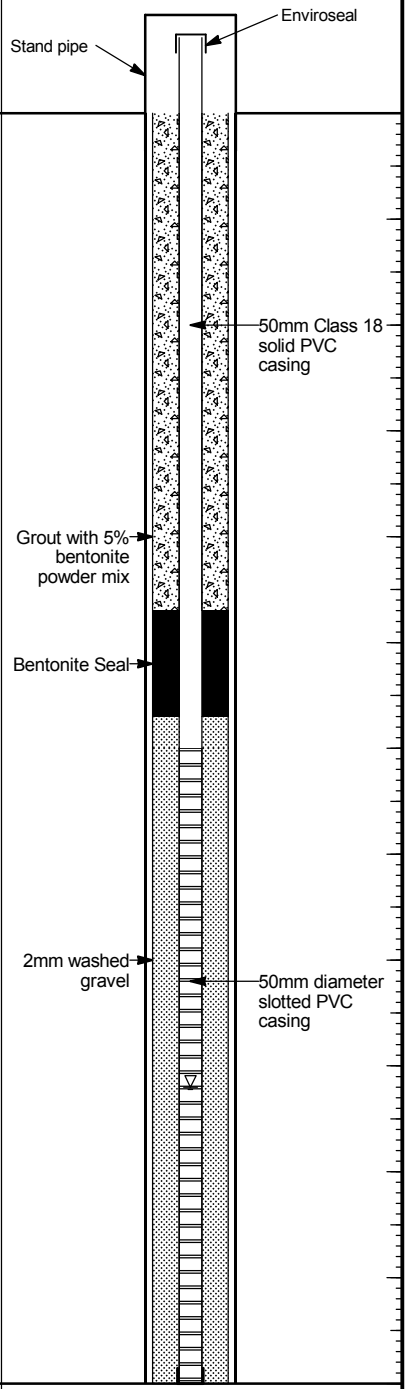
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MONITORING WELL ALF MW07

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **9-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **10-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				ML	Clayey SILT (natural), medium plasticity, red, few fine to coarse rounded gravels (pisoliths).	<PL		G		0.0 - 0.1
					GC	Clayey GRAVEL, fine to coarse grained, poorly graded, rounded gravels (pisoliths), brown to red. Medium grained, uniformly graded, red, subangular to rounded gravels.	D		G		0.4 - 0.5
1					GC		D		G		0.9 - 1.0
									G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
					SC	Silty CLAY, medium plasticity, red with some white mottling.	D				
4					CH	CLAY, medium to high plasticity, white.	<PL				
5											
6											5.9 - 6.0
					SW	Clayey SAND, medium to coarse grained, poorly graded, white, few fine to medium subrounded gravels.	D				
7					SW	SAND, medium to coarse grained, poorly graded, white, few medium subangular quartz gravels.	D				
8											
9											8.9 - 9.0
					SP	Coarse grained, uniformly graded, trace white clay, quartz-rich.	W				9.1 - 9.2
10	Solid Flight Auger (125mm)										
11											
12											11.9 - 12.0
						Hole terminated at 12.0m					

WELL CONSTRUCTION DETAILS



AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\432_FIELD NOTES\0.5 BORE LOGS\PROJECT SAM.GPJ 14/3/19

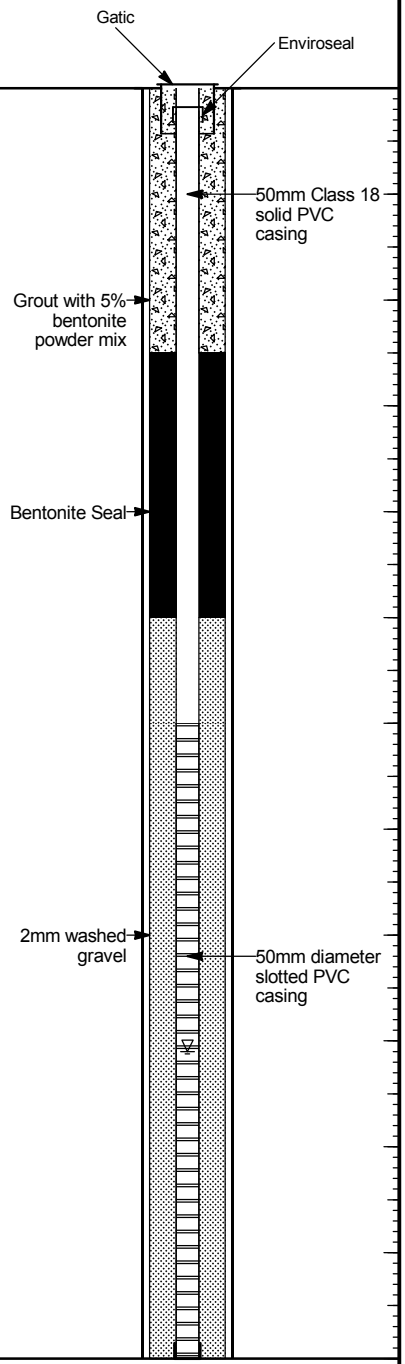
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MONITORING WELL AP MW01

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **16-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **17-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CL/CH	Sandy CLAY (natural), high plasticity, fine grained, well graded, brown.	<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1					SW	Clayey SAND, fine grained, uniformly graded, red, trace rounded gravels (pisoliths).	<PL		G		0.9 - 1.0
									G		1.4 - 1.5
2					CL/CH	Gravelly CLAY, medium plasticity, rounded gravels (pisoliths), red, trace fine sand.	D				1.9 - 2.0
3											
4					SC	Clayey SAND, fine to medium grained, poorly graded, brown, few fine subrounded gravels.	D				
5					CL	SAND, medium to coarse grained, well graded, yellow, some clay.	D				
					CL	Few coarse subrounded quartz-rich gravels.	D				
6											5.9 - 6.0
					SP	Becoming whiter with depth.	M				
7											
8											
9					SW	Coarse grained, uniformly graded, white, trace clay.	W				8.9 - 9.0
					SW	Clayey SAND, medium to coarse grained, uniformly graded, white, few fine to medium subrounded quartz-rich gravels.	W				9.1 - 9.2
10	Solid Flight Auger (125mm)										
11											
12						Hole terminated at 12.0m					11.9 - 12.0

WELL CONSTRUCTION DETAILS



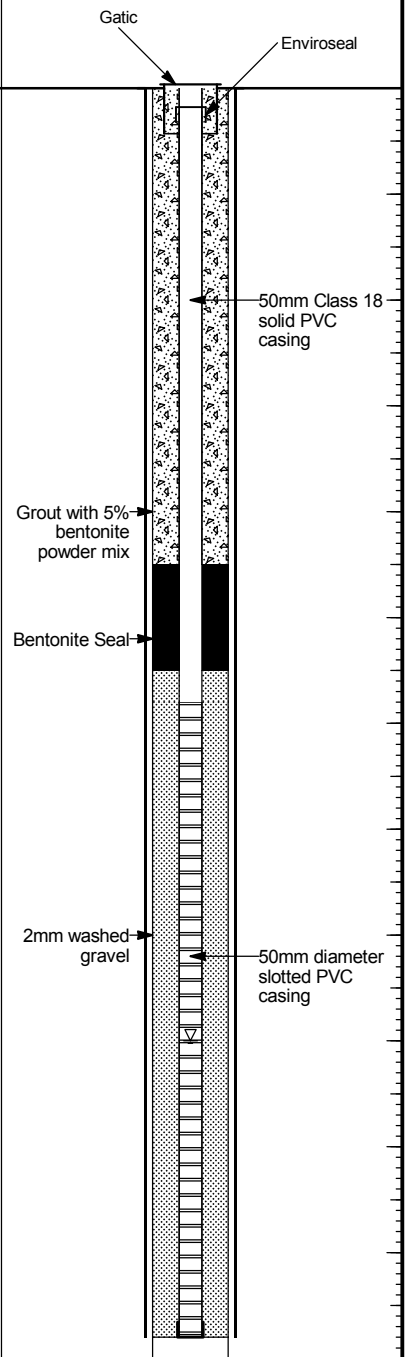
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MONITORING WELL AP MW02

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **16-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **17-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				CL/CH	Silty CLAY (natural), medium plasticity, brown, trace fine angular gravels.	<PL		G		0.0 - 0.1
									G		0.4 - 0.5
1					ML	Sandy SILT, medium plasticity, fine grained, red, trace fine angular gravels.	<PL		G		0.9 - 1.0
					GW	Sandy GRAVEL,fine grained, uniformly graded, rounded gravels (pisoliths), red.	D		G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
					SC	Clayey SAND, fine to medium grained, well graded, yellow to white, few fine subrounded quartz-rich gravels.	D				
4					CL/CH	Sandy CLAY, medium plasticity, fine to medium grained, red.	<PL				
5											
6					SP	SAND, fine to coarse grained, well graded, light yellow, few fine subrounded quartz-rich gravels, trace white clay.	M				5.9 - 6.0
					SW	Medium to coarse grained, white.	M				
7											
8					SW	Becoming uniformly graded coarse grained.	W				
9					SW	Trace white clay.	W				8.9 - 9.0
10	Solid Flight Auger (125mm)										
11											
12						Hole terminated at 12.0m					11.9 - 12.0

WELL CONSTRUCTION DETAILS



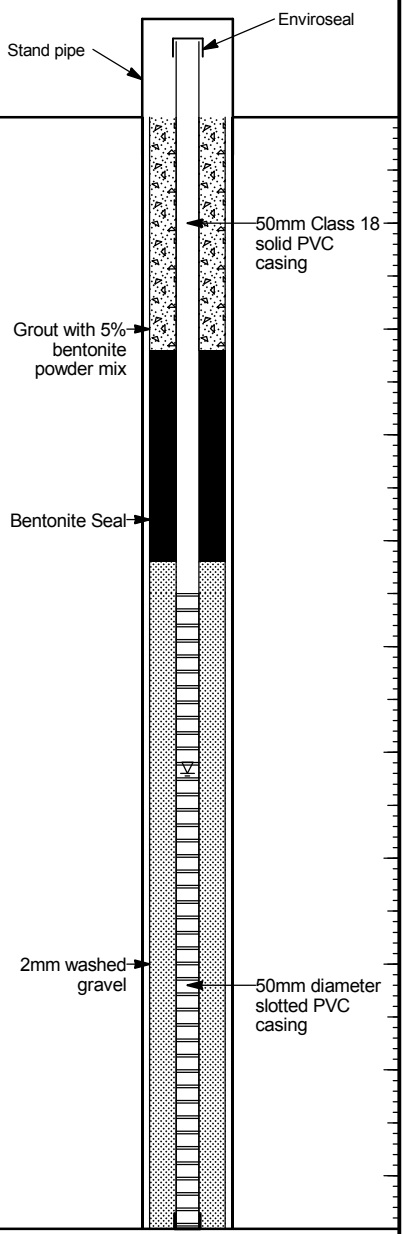
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MONITORING WELL EWHEQ MW06

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **10.50 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **14-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **14-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GC	Clayey GRAVEL (natural), non-plastic, fine to medium rounded to subangular gravels, red.			G		0.4 - 0.5
1						Gravels increase to coarse grained.			G		0.9 - 1.0
						Some yellow mottling and an increase in clay content.			G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
4					CL/CH	CLAY, medium to high plasticity, white.	<PL				
5					CL/CH	Trace white to yellow, fine to medium sands.	<PL				
6					SP	Clayey SAND, fine to medium grained, poorly graded, white to yellow.	~PL				6.1 - 6.2
					SP	SAND, medium to coarse, poorly graded, yellow, some white clay.	W				
7											
8											
9											8.9 - 9.0
10	Solid Flight Auger (125mm)										10.4 - 10.5
						Hole terminated at 10.6m					
11											
12											

WELL CONSTRUCTION DETAILS



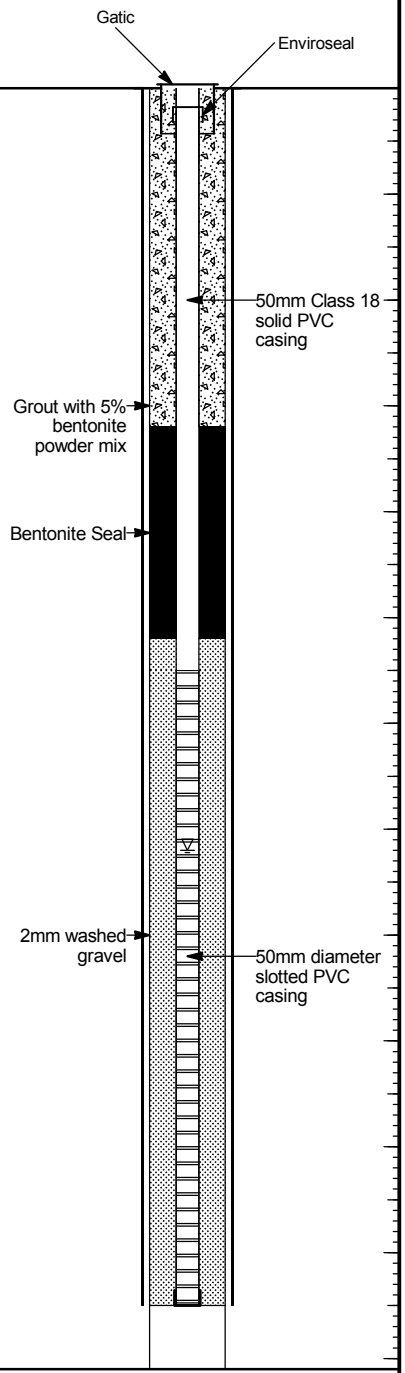
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MONITORING WELL EWHEQ MW07

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.10 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **14-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **14-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				GC	Clayey GRAVEL, non-plastic, fine to medium angular to subangular gravels, red.			G		0.4 - 0.5
1					GC	Fine to coarse gravels.			G		0.9 - 1.0
					SC	Clayey SAND, non-plastic, fine grained, red, some fine rounded gravels.			G		1.4 - 1.5
2											1.9 - 2.0
3											2.9 - 3.0
4					SP	Fine to medium grained, poorly graded, white to light brown.	D				
5					SP	Clay content decrease, medium to coarse grained sand.	D				
6											5.9 - 6.0
7					SW	SAND, medium to coarse grained, well graded, white, trace clay.	W				7.2 - 7.3
8											
9											8.9 - 9.0
10	Solid Flight Auger (125mm)										
11											
12											11.9 - 12.0
						Hole terminated at 12.1m					

WELL CONSTRUCTION DETAILS



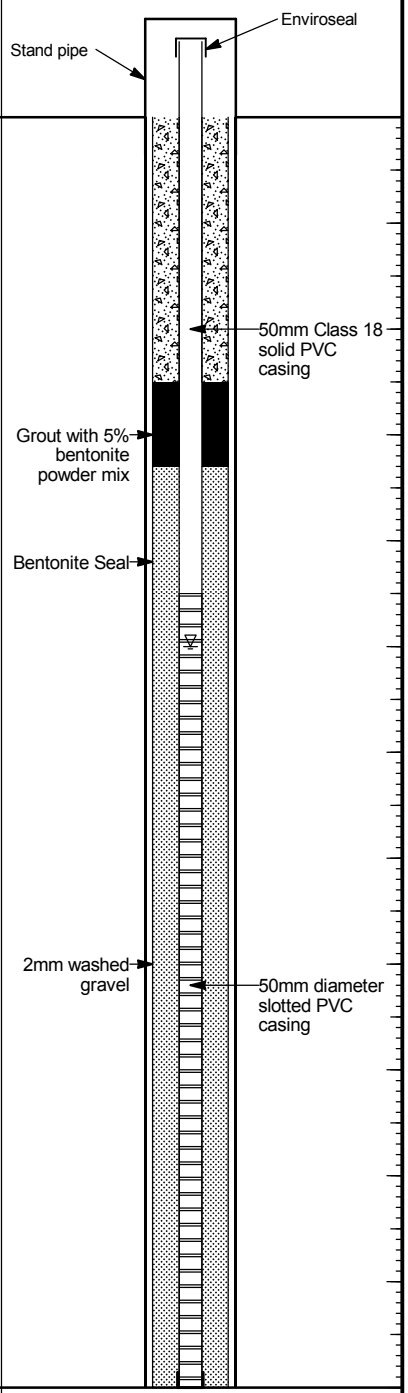
AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\440_DATA\BORELOGS\PROJECT SAM.GPJ 5/4/19

MONITORING WELL EWHEQ MW08

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN** **mE**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **9-11-18**	Casing Size: **50 mm**	Permit No:	Drill Fluid: **Nil**
Date Finished: **9-11-18**			

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA — Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations	Moisture	Consistency / Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				(SM)	Sandy SILT, medium plasticity, brown.			G		0.0 -0.1
					(OH)	Silty CLAY, medium to high plasticity, red.			G		0.4 - 0.5
1					(GC)	Clayey GRAVEL, medium plasticity, fine rounded gravels, red.	D		G		0.9 - 1.0
									G		1.4 - 1.5
2											
3									G		2.9 - 3.0
						Medium rounded gravels, red to white.	D				
4											
5						Trace sands.	D				
					(SC)	Clayey SAND, medium to coarse grained, white to light brown.	M				
6											5.9 - 6.0
					SP	SAND, fine to coarse, white, trace clay.	M				
7											
8											
						Increase to medium to coarse grained sands.	W				
9											8.9 - 9.0
10	Solid Flight Auger (125mm)					Increase in clay content.					
11											
12											11.9 - 12.0
						Hole terminated at 12.0 m					

WELL CONSTRUCTION DETAILS



AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\440_DATA\BORELOGS\PROJECT SAM.GPJ 5/4/19

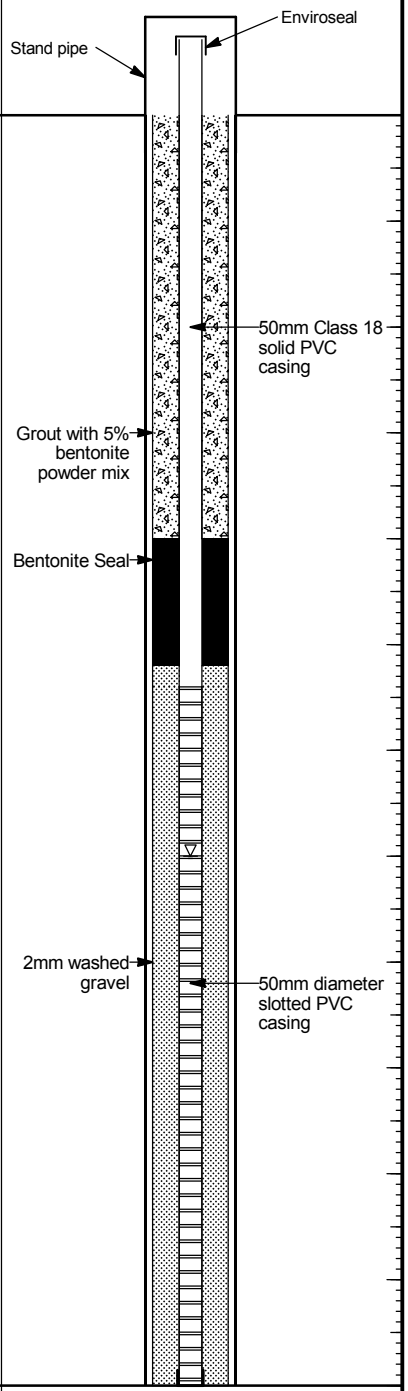
AECOM

MONITORING WELL EWHEQ MW09

AECOM	Phone / Fax	Project Reference: **Project SAM**	Client: **RTA Weipa**
Drilling Contractor: **Saxon Drilling**		Project No.: **60588844**	Location: **Weipa**
Logged By: **LM**	Bore Size: **125 mm**	Relative Level: **mAHD**	Drill Type: **Solid stem auger**
Checked By: **JP**	Total Depth: **12.00 m**	Coordinates: **mN**	Drill Model: **Boart Longyear DeltaBase 525**
Date Started: **9-11-18**	Casing Size: **50 mm**	**mE**	Drill Fluid: **Nil**
Date Finished: **9-11-18**		Permit No:	

Depth (m)	Method	Casing	Penetration (S M H R)	Legend	Classification	USC DESCRIPTION OF STRATA (Type, plasticity / particle size, colour, secondary / minor components (e.g., "trace"), moisture content, consistency / density, and additional observations)	Moisture	Consistency Relative Density	Sample Interval	PID (ppm)	Sample ID
0	NDD				(SM)	Sandy SILT, medium grained, brown, trace fine subangular gravels.			G		0.0 -0.1
									G		0.4 - 0.5
					GC	Clayey GRAVEL, fine rounded gravels, red brown					
1						Red, medium plactisity.	D		G		0.9 - 1.0
									G		1.4 - 1.5
2											
3						White with red mottling.	D				2.9 - 3.0
4					SC	Sandy CLAY, medium plasticity, fine grained, red brown, some fine subangular gravels.	D				
5						White with red mottling.	M				
6											5.9 - 6.0
7					(SC)	Clayey SAND, medium to coarse grained, light brown to red.	W				
8						Increasing clay content.	W				
9											8.9 - 9.0
10	Solid Flight Auger (125mm)										
11											
12						Hole terminated at 12.1m					11.9 - 12.0

WELL CONSTRUCTION DETAILS



AECOM - ENVIRO WELL ADL WCC_AUS.GDT \\AUBNE1FP003\PROJECTS\605X\60588844\400_TECH\440_DATA\BORELOGS\PROJECT SAM.GPJ 5/4/19

Location ID	Date Sampled	Maximum Depth (mbgl)	Lithology Encountered
RWW_SS01	14/11/2018	0.2	Sandy SILT, red, loose, 5-20 mm angular gravels.
RWW_SS02	14/11/2018	0.2	
RWW_SS03	14/11/2018	0.2	
RWW_SS04	20/11/2018	0.1	
AHEQ_SS01	14/11/2018	0.2	Gravelly CLAY, red, hard, 2-10 mm angular to subrounded gravels. Ground compacted from heavy machinery.
AHEQ_SS02	14/11/2018	0.2	
AHEQ_SS03	14/11/2018	0.2	
AHEQ_SS04	14/11/2018	0.2	
AHEQ_SS05	14/11/2018	0.2	
AHEQ_SS06	14/11/2018	0.2	
AHEQ_SS07	14/11/2018	0.2	
ELN_SS01	16/11/2018	0.2	Sandy SILT, grey-brown, loose, few 2-5 mm angular gravels.
ELN_SS02	16/11/2018	0.12	Gravelly CLAY, red, hard, 2-20 mm subrounded gravels.
ELN_SS03	16/11/2018	0.2	
ELS_SS01	17/11/2018	0.1	Sandy SILT, grey-brown, loose, few 2-5 mm subrounded gravels.
ELS_SS02	17/11/2018	0.2	
ELS_SS03	17/11/2018	0.2	-
ELS_SS04	17/11/2018	0.2	Gravelly CLAY, red, hard, loose, 2-5 mm rounded gravels.
ELS_SS05	17/11/2018	0.2	Clayey SAND, red, loose, few subrounded gravels, organics present.
LP_SS01	16/11/2018	0.18	Sandy CLAY, red, hard, some 2-10 mm subrounded gravels. Refusal at 0.18 mbgl.
LP_SS02	16/11/2018	0.2	SAND, grey-brown, fine grained, loose.
LP_SS03	16/11/2018	0.2	
LP_SS04	17/11/2018	0.2	
LP_SS05	17/11/2018	0.2	SAND, grey-brown, loose, recently disturbed, potential fill material.
LP_SS06	17/11/2018	0.2	SAND, grey-brown, fine grained, loose.
LP_SS07	17/11/2018	0.2	
LP_SS08	17/11/2018	0.2	
AP_SS01	16/11/2018	0.2	Gravelly SILT, red, loose, 2-10 mm rounded to subrounded gravels.
AP_SS02	17/11/2018	0.2	
AP_SS03	17/11/2018	0.2	
AP_SS04	17/11/2018	0.2	
AP_SS05	16/11/2018	0.2	
AP_SS06	17/11/2018	0.2	
AP_SS07	17/11/2018	0.2	
AP_SS08	16/11/2018	0.2	
EWHEQ_SS01	19/11/2018	0.2	Gravelly CLAY, red, hard, 2-10 mm angular to subrounded gravels. Ground compacted from heavy machinery.
EWHEQ_SS02	19/11/2018	0.2	
EWHEQ_SS03	19/11/2018	0.2	
EWHEQ_SS04	19/11/2018	0.2	
EWHEQ_SS05	19/11/2018	0.2	
EWHEQ_SS06	19/11/2018	0.2	
EWHEQ_SS07	19/11/2018	0.2	Gravelly CLAY, red, loose, 2-10 mm angular to subrounded gravels.
EWHEQ_SS08	19/11/2018	0.2	Gravelly CLAY, red, hard, 2-10 mm angular to subrounded gravels. Ground compacted from heavy machinery.