











(DRAFT) Leachate Sump Analytical Data 2016/2017

	Inorganics							Lead	MAH					Metals								
	Electrical conductivity * (lab)	Kjeldahl Nitrogen Total	Nitrate (as N)	pH (Lab)	Sodium	Sulphate	TDS	TOC	Lead	Total MAH	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Arsenic	Cadmium	Calcium	Chromium (II+VI)	Copper	Iron	Magnesium	Manganese
	uS/cm	mg/L	mg/L	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	1	0.2	0.02	0.1	0.5	5	10	5	0.001	0.003	1	1	1	1	0.001	0.0002	0.5	0.001	0.001	0.05	0.5	0.005

Field ID	Date	Lab Report Number	Electrical conductivity * (lab)	Kjeldahl Nitrogen Total	Nitrate (as N)	pH (Lab)	Sodium	Sulphate	TDS	TOC	Lead	Total MAH	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Arsenic	Cadmium	Calcium	Chromium (II+VI)	Copper	Iron	Magnesium	Manganese	
LP01	23/11/2016	524901	7,200	72	<1	8.0	1,400	650	5,400	19	<0.001						0.043	<0.0002	95	0.016	0.007	3.7	280	0.20	
LP01	11/10/2017	567369	8,800	60	<2	8.4	1,700	490	4,800	90	<0.001						0.048	<0.0002	76	0.013	0.003	0.95	310	0.033	
LP02	23/11/2016	524901	7,600	88	<1	8.3	1,400	60	5,700	270	0.006						0.011	0.0002	44	0.013	0.063	7.3	440	0.23	
LP02	11/10/2017	567369	7,600	73	17	8.5	1,800	200	5,900	210	<0.001						0.010	<0.0002	42	0.024	0.033	1.5	420	0.18	
LP03	23/11/2016	524901	19,000	380	<2	8.0	3,300	150	12,000	620	<0.005		<20	<20	<20	<20	0.037	<0.001	33	0.20	0.010	5.8	580	0.42	
LP05	23/11/2016	524901	28,000	1,800	<2	8.0	3,200	220	14,000	2,900	0.022		<20	<20	<20	<20	0.55	<0.001	35	0.46	0.009	2.1	180	0.32	
LP05	11/10/2017	567368																							
LP05	11/10/2017	567369	24,000	950	<4	8.5	4,000	22	13,000	1,100	0.086	<0.003	<50	<50	<50	<50	0.12	<0.001	19	0.27	0.71	3.1	280	0.16	
LP06	11/10/2017	567368																							
LP06	11/10/2017	567369	20,000	640	<4	8.1	3,400	13	11,000	500	0.008	0.011	<10	<10	<10	<10	0.040	<0.001	31	0.12	0.003	8.1	540	0.14	
LP07	22/11/2016	524682	17,000	720	<2	7.9	2,400	<5	8,900	4,300	<0.005		<20	<20	<20	<20	0.017	<0.001	7.2	0.16	<0.005	3.9	240	0.034	
LP07	10/10/2017	567037																							
LP07	10/10/2017	567053	15,000	800	<4	8.0	2,400	150	8,600	480	0.007						0.032	<0.001	16	0.15	0.029	16	220	0.28	
LP09	10/10/2017	567037																							
LP09	10/10/2017	567053	16,000	1,400	<4	7.9	2,200	20	8,600	710	<0.005						0.027	<0.001	19	0.21	<0.005	6.5	200	0.070	
LP11	22/11/2016	524682	32,000	2,200	<2	8.5	3,600	<5	29,000	1,300	<0.01						0.081	<0.002	<5	0.86	0.095	5.2	100	<0.05	
LP11	10/10/2017	567037																							
LP11	10/10/2017	567053	32,000	4,400	<4	8.0	3,900	6.3	15,000	1,800	0.013	0.324	17	<10	<10	<10	0.075	<0.001	7.7	0.78	0.010	6.7	110	0.057	
LP17	22/03/2016	MRL Historical Data																							
LP18	22/11/2016	524682	19,000	860	250	8.5	2,900	94	12,000	1,400	0.011						0.084	<0.001	7.0	0.37	0.044	3.3	240	0.10	







