

ATTUNGA LANDFILL - YEARLY SUMMARY FOR 2016/17

LICENCE PERIOD: 18th Oct 2016 - 17th Oct 2017

POINT 1 - Leachate NOTE: Monitoring Frequency - Special Frequency

Sample Date	Alkalinity	Calcium	Chloride	Chromium	Conductivity	Dissolved Oxygen	Fluoride	Iron	Magnesium	Manganese	Nitrate	Nitrite	Ammonia	OC/OP	pH	Potassium	Sodium	Sulphate	Temperature	TKN	TOC	Total Phenolics	TSS	Volumetric Flow Rate	Zinc
	mg/L	mg/L	mg/L	mg/L	mS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	pH Units	mg/L	mg/L	mg/L	oC	mg/L	mg/L	ug/L	mg/L	KL/day	mg/L
9/12/2016	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28/03/2017	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4/07/2017	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28/09/2017	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

POINT 2 - Groundwater Bore NOTE: Monitoring Frequency - Quarterly

Sample Date	Alkalinity	BOD	Calcium	Chloride	Fluoride	Iron	Magnesium	Manganese	Nitrate	Ammonia	OC/OP	pH	Potassium	Sodium	Sulphate	TDS	TOC	Total Phenolics
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L
9/12/2016	468	<2	152	81	0.2	0.06	18	0.01	1.8	<0.1	<POL	6.8	<1	29	32	554	<1	<0.05
16/03/2017	421	<2	184	79	0.3	<0.1	10	<0.1	1.8	<0.1	NT	6.8	1	30	25	748	<1	<0.05
4/07/2017	406	<2	162	82	<0.2	0.05	19	0.01	2.0	0.01	NT	6.9	<1	28	28	608	18	<0.05
28/09/2017	410	<2	166	77	<0.2	<0.05	19	0.01	1.8	<0.1	NT	6.8	<1	30	25	588	<1	<0.05

POINT 3 - Groundwater Bore NOTE: Monitoring Frequency - Quarterly

Sample Date	Alkalinity	BOD	Calcium	Chloride	Fluoride	Iron	Magnesium	Manganese	Nitrate	Ammonia	OC/OP	pH	Potassium	Sodium	Sulphate	TDS	TOC	Total Phenolics
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L
9/12/2016	468	<2	161	82	<0.2	0.44	18	0.02	2.0	<0.1	<POL	6.8	<1	30	33	610	<1	<0.05
16/03/2017	432	<2	192	80	0.2	1.5	15	<0.1	1.8	<0.1	NT	6.8	3	30	25	1102	<1	<0.05
4/07/2017	430	<2	171	87	<0.2	0.47	19	0.03	2.0	0.01	NT	6.8	5	30	30	646	22	<0.05
28/09/2017	424	<2	171	79	<0.2	<0.05	18	<0.01	1.9	<0.1	NT	6.8	<1	30	26	624	<1	<0.05

POINT 4 - Groundwater Bore NOTE: Monitoring Frequency - Quarterly

Sample Date	Alkalinity	BOD	Calcium	Chloride	Fluoride	Iron	Magnesium	Manganese	Nitrate	Ammonia	OC/OP	pH	Potassium	Sodium	Sulphate	TDS	TOC	Total Phenolics
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L
9/12/2016	475	<2	163	92	<0.2	0.12	18	0.01	3.9	<0.1	<POL	6.8	<1	32	37	650	<1	<0.05
16/03/2017	427	<2	200	87	0.2	6.7	7	<0.1	2.9	<0.1	NT	6.8	3	32	24	688	<1	<0.05
4/07/2017	414	<2	147	89	<0.2	0.48	19	0.02	3	0.02	NT	7.0	<1	31	32	680	12	<0.05
28/09/2017	422	<2	175	81	<0.2	0.18	19	0.01	2.6	<0.1	NT	6.8	<1	32	30	632	<1	<0.05