

Buttonderry Waste Management Facility – Surface Water Results

July 2019

No. samples required by EPL: 3 No. Samples collected: 3		Field Parameters							Inorganics					Alkalinity				Nutrients						Metals
		Depth to Groundwater	Dissolved Oxygen (Field)	Electrical Conductivity (Field)	Oxygen Redox Potential (Field)	pH (Field)	Temp (Field)	Turbidity (Field)	pH (Lab)	Electrical Conductivity (Lab)	BOD	TOC	Total Suspended Solids	Alkalinity (total) as CaCO3	Alkalinity as (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Ammonia as N	Nitrate (as N)	Nitrite (as N)	Nitrogen (Total Oxidised)	Reactive Phosphorus as P	Fluoride	Iron (total)
Field ID	Sampling Date	mBTOC	mg/L	uS/cm	mV	pH Units	oC	NTU	pH_Units	uS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BTU	18/07/2019	-	3.22	193.6	29.5	6.94	10.0	-	6.47	190.00	-	35.00	19.00	25.00	25.00	<1	<1	0.05	<0.01	<0.01	<0.01	-	-	4.07
BTM	18/07/2019	-	9.27	545.0	-43.6	7.86	11.7	-	7.12	645.00	-	8.00	19.00	80.00	80.00	<1	<1	0.05	0.50	0.03	0.53	-	-	0.13
BTD	17/07/2019	-	7.23	582.0	27.7	7.66	11.2	-	7.71	863.00	-	21.00		104.00	104.00	<1	<1	0.78	1.88	0.38	2.26	-	-	1.06