

# Buttonderry Waste Management Facility – Surface Water Results

October 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 as 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	16/10/2019	-	7.56	550.0	-10.3	7.80	12.3	-	6.77	470	-	4	29	61	61	<1	<1	0.12	<0.05	<0.05	<0.05	<0.01	<0.1	7.56
BTM	17/10/2019	-	5.50	4265	15.6	7.14	11.0	-	7.60	768	-	3	16	69	69	<1	<1	0.07	<0.05	<0.05	<0.05	<0.01	0.2	0.64
BTD	17/1/02019	-	7.00	582.0	25.6	7.70	11.2	-	7.61	702	-	3	3	42	42	<1	<1	<0.01	0.24	<0.01	0.24	0.01	0.2	1.1