









































# Attachment 1 – Plan of Activity EPN 7061/2



*All coordinates are based on best available information at the time of EPN issue but can only be considered accurate within a few meters.*

## ATTACHMENT 2: TABLE OF MONITORING REQUIREMENTS FOR EPN 7061/1

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	
Item	Sampling locations	Parameter	Unit of measure	Sampling or testing frequency	Sampling or testing technique	Reporting requirements	
WWTP inflow	WWTP inlet  At approximate coordinates GDA94 521123E 5260214N	Flow	kL/day	Continuous measurement	On-line Flow Meter	<ol style="list-style-type: none"> <li>To be reported in the Monthly Monitoring Report as an average for the reporting period of daily flow.</li> <li>To be reported in the Annual Environmental Review as monthly averages for daily flow.</li> </ol>	
Effluent Quality	Effluent quality monitoring location  At approximate coordinates GDA94 521259E 5260232N	pH	-	Weekly	Field Test	<ol style="list-style-type: none"> <li>Results must be reported in the monthly monitoring report; and</li> <li>a summary of results must be provided in accordance with the Annual Environmental Review Guidelines.</li> </ol>	
		Temperature	°C				
		Conductivity	dS/m				
		Total Residual Chlorine	mg/L	Weekly	Grab sample		
		<i>E. Coli</i>	MPN/100mL				
		Enterococci	MPN/100mL	Weekly	24 hour flow-weighted composite sampler		
		Biochemical Oxygen Demand	mg/L				
		Suspended Solids	mg/L				
		Ammonia-Nitrogen	mg/L				
		Nitrate-Nitrogen	mg/L				
		Nitrite-Nitrogen	mg/L				
		Total Nitrogen	mg/L				
		Total Phosphorus	mg/L				
		Oil and Grease	mg/L				
		Arsenic (total)	mg/L				Annually
		Boron	mg/L				
		Cadmium	mg/L				
		Chromium (total)	mg/L				
		Copper	mg/L				
		Lead	mg/L				
Manganese	mg/L						
Mercury	mg/L						
Nickel	mg/L						
Selenium	mg/L						
Zinc	mg/L						
Wastewater treatment bypass	Bypass monitoring location	Date and time	Date and time	When bypass occurs	Automated event recorder that logs bypasses.	Report the following in the Annual Environmental Review: <ol style="list-style-type: none"> <li>Date, volume discharged, discharge location and level of treatment; and</li> </ol>	
		Duration of bypass	Time (days, hours, minutes)		Automated event recorder that logs duration of bypasses.		

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Item	Sampling locations	Parameter	Unit of measure	Sampling or testing frequency	Sampling or testing technique	Reporting requirements
		Flow	Kilolitres		Automated event recorder that allows the estimation or measurement of the volume of a bypass.	2. total number of bypasses in the reporting period.
		Level of treatment prior to discharge	Primary, secondary or tertiary		Observation during the bypass.	
Sludge/Biosolids	Sludge / Biosolids located on The Land	In accordance with the Tasmanian Biosolids Reuse Guidelines 1999, or as otherwise approved by the Director.	In accordance with the Tasmanian Biosolids Reuse Guidelines 1999, or as otherwise approved by the Director.	In accordance with the Tasmanian Biosolids Reuse Guidelines 1999, or as otherwise approved by the Director.	In accordance with the Tasmanian Biosolids Reuse Guidelines 1999, or as otherwise approved by the Director.	<ol style="list-style-type: none"> <li>As required in the Annual Environmental Review.</li> <li>As otherwise approved by the Director.</li> </ol>

For the purposes of the Table of Monitoring Requirements the following definitions apply:

**Flow Meter** means an instrument that measures and records a flow or level of liquid and includes any ancillary device attached to or incorporated into the instrument

**Continuous measurement** means automatic ongoing measurement at all times

**On-line** means measurements or analyses are carried out automatically and the results electronically recorded for remote viewing and analysis

**Field test/ on-site test** means either *in situ* testing or analysis of samples immediately with appropriate instrumentation

**Grab sample** means a discrete sample collected in a manner that ensures it is a representative sample

**Flow-weighted 24 hour composite sample** means a composite sample consisting of grab samples taken and mixed in such as way the sample volume is proportional to the wastewater flow or a sample collected continuously over a 24 hour period at a rate proportional to wastewater flow.

**Grid references** are expressed as Map Grid of Australia Zone 55 GDA94. Coordinates can only be considered accurate within a few metres.