



5 June 2020

682 Castlereagh Road, Agnes Banks – Wastewater Explanation Document

Council Comment – WAR and OWMP should address		Envirotech Existing 18 July 2017 Report and Econocycle Quotation
1	Council’s on-site sewerage management and greywater reuse policy	Page 4 states “This study has been prepared in accordance with: - Australian Standard AS1547: 2012 “On-site Domestic Wastewater Management” - Dept. Local Government 1998, On-site Sewage Management for Single Households, - Relevant Council Development Control Policies ”
2	Australian Standard 1547:2012	
3	Anticipated water load (consider expected attendance at all services, events and other activities)	Page 4 states “The scope of works undertaken for this site evaluation included... an evaluation of the expected wastewater flowrate ”. Page 6 then details the flow rate to be 1,750L/day based on attendance information.
4	Disposal methods	Page 23 details “materials that cannot be fully broken down... must be pumped out periodically”. This will be done by contractors.
5	Environmental aspects of the operation of the on-site sewerage management system	Page 10 details location setbacks and page 11 details other mitigation measures to assist to minimise impact.
6	All systems and controls to be implemented to minimise the potential for any adverse environmental impacts	
7	A program for ongoing monitoring and review to ensure the OWMP remains contemporary with relevant environmental standards	See item 10 and Plan of Management in SEE.
8	System information (including specifications and site plans)	Page 18 states “Model, schematics and associated documentation of the above treatment type to be provided by client upon consultation with installer/plumber. Schematics and documentation of selected model to be attached upon submission with this report.”



		<p>The Econocycle document can be attached alongside.</p> <p>Site plans shown on page 20 of Envirotech Report and page 7 of Econocycle Report.</p>
9	Monitoring and testing	<p>Page 24 details warning signs indicating issues with the system.</p>
10	Maintenance and servicing program (treatment system and irrigation system)	<p>Page 23 details that “AWTSs need to be serviced quarterly by an approved contractor”. Also;</p> <ul style="list-style-type: none">✓ Have your AWTS inspected and serviced four times per year by an approved contractor. Assessment should be applicable to the system design.✓ Have your system service include assessment of sludge and scum levels in all tanks, and performance of irrigation areas.✓ Have all your tanks desludged at least every three years.✓ Have your disinfection chamber inspected and tested quarterly to ensure correct disinfectant levels.✓ Have your grease trap (if installed) cleaned out at least every two months.✓ Keep a record of pumping, inspections, and other maintenance.✓ Learn the location and layout of your AWTS and land application area.✓ Use biodegradable liquid detergents such as concentrates with low sodium and phosphorous levels.✓ Conserve water.
11	System performance	<p>Page 23 details that “AWTSs should be fitted with an alarm to indicate mechanical and electrical equipment malfunctions”.</p>
12	System failure contingency	<p>In the case of a system failure, porta-loos will be implemented until the AWTS be repaired. Plan of Management in SEE.</p>
13	Odour management	<p>Odour will be managed with adequate setbacks from sensitive areas and frequent maintenance. Plan of Management in SEE.</p>
14	Landscape and disposal area management	<p>Landscape and disposal area management is detailed on pages 25 – 26.</p>
15	Health and safety	<p>Health and safety will be ensured by only engaging suitably qualified contractors to</p>



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		service and tend to the wastewater system. Plan of Management in SEE.
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