

Sewage Treat System-Intermittent Extended Aeration

Last Issue Date: 16/12/2020		Type Of Service				
		A	B	C	D	E
Activity						
1	Test residual chlorine levels in irrigation tank.	Y	Y	Y	Y	
2	TREATMENT SYSTEM: Check the condition and operation of the aerator, especially: a) V-belts. b) bearings. c) hose, clean aerator mounting plate, housing and nozzle. d) observe decant, checking sequence of operations. e) clean decant headers.		Y	Y	Y	
3	Undertake process tests, including: a) settle test. b) pH. c) turbidity. d) temperature. e) dissolved oxygen. f) residual chlorine.		Y	Y	Y	
4	Check and record: a) pump run hours. b) decant hours. c) time delay settings for aeration stage and settling period.		Y	Y	Y	
5	Check effluent quality, including: a) B.O.D. b) suspended solids. c) faecal coliforms. d) free residual chlorine. Record all results and send the test data to SA Health and Local Authority.			Y	Y	
6	Check the condition and operation of the irrigation system, especially filters, including cleaning and backwash.		Y	Y	Y	
7	Check the condition and operation of: a) pump/s. b) chemical metering pumps. c) timer/s. d) valve/s.		Y	Y	Y	
8	Run, check and confirm the condition and operation of all control and alarm functions and components, including all level control devices.				Y	
9	Flush the dripper system clean.				Y	
10	For the subsurface system, check the condition and operation of 3 drippers from each zone.				Y	
11	If installed, check the condition & integrity of the perimeter security fencing and required signage.				Y	

**Disclaimer** -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia  
Department of Planning,  
Transport and Infrastructure

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12	Provide a written report on the operation and condition of the whole system.				Y	
13	Record all results in logbook and submit a customer service report to the FMSP.	Y	Y	Y	Y	

**Special Comments and Technical Data**

- A SERVICE WEEKLY (BY SITE)
- B SERVICE FORTNIGHTLY
- C SERVICE 3 MONTHLY
- D SERVICE ANNUAL

SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON MANUFACTURER'S REQUIREMENTS AND SITE CONDITIONS.

ALL WORK CARRIED OUT INCLUDING TESTING OF EFFLUENT SHALL INCLUDE ALL MANDATORY REPORTING REQUIREMENTS WITH SA HEALTH AND LOCAL COUNCIL.  
SEWAGE PUMPING STATION COMPONENT (REFER S12) OPERATION IS INTERGRATED WITH THE OPERATION OF TREATMENT SYSTEM.

A SPECIALIST SUB-CONTRACTOR IS RECOMMENDED FOR THIS SERVICE.

APPLICABLE LEGISLATION: PUBLIC HEALTH (WASTEWATER) REGULATIONS, EP REGULATIONS. LOCAL GVT (GENERAL) REGULATIONS.

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