



NOTICE OF OCCUPANCY

Name	Builder's Name			
Moving-in date				
House number	House na	ame		
Street name				
Postal address				
		Email		
Councii approvai num	ber	Date		
service. If you own a		ic AWTS, and we need free access to carry out the to our service personnel, please advise us so that		
Position of the alarm	panel:			
laundry \square	kitchen garage	other		
Please nominate opt	ion 1 <u>OR</u> option 2 below			
Option 1: I hereby certify that fre	ee and clear access is available Full Name	e for the BioSeptic field staff to service my system. Date		
I enclose a gate key [☐ (please tick if applicable) Gate	code provided		
Option 2: Due to the presence of	of (please tick one or more of the follo	wing):		
aggressive animals	security system	□ locked gates □		
other		require notification before each service visit		
Complete this Nation	Full Name e of Occupancy and submit to	Date		



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AN INTRODUCTION TO THE BIOSEPTIC S-5000 NR

Congratulations on your purchase of a BioSeptic Aerated Wastewater Treatment System (AWTS) - the S-5000 NR.

This Owner's Guide explains how the system works and it will assist you in obtaining the best results from your BioSeptic AWTS. We urge you to read it and then keep it for future reference.

Your BioSeptic AWTS has been quietly operating from the day the power was switched on. Wastewater from the kitchen, bathroom, laundry and toilets is processed and recycled as clear, odourless water and pumped to the disposal area.

We ask you to complete and return the Notice of Occupation sheet in this folder as soon as possible or within six weeks after the system is first used. This will ensure we have your current details (such as the change from a lot number to a street number, your new contact telephone numbers, and preferred postal address) to arrange your subsequent quarterly service visits, if they are to be undertaken by BioSeptic.

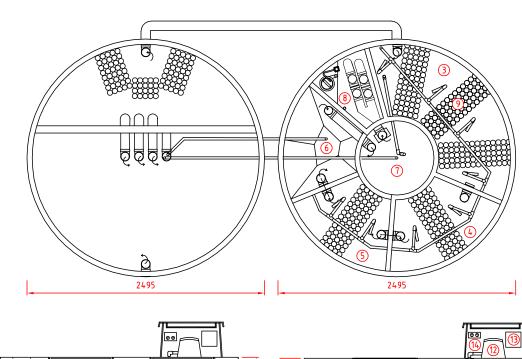
If you are at home when one of our service technicians arrives to service the system, he will be able to answer any questions you may have. If you are normally not at home during the day, please call the **Service Department on** (02) 4629 6633 and they will be happy to answer any questions you may have.

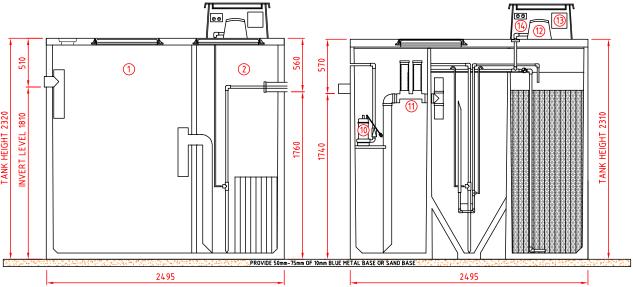
If the alarm sounds, please refer to the Trouble Shooting section of this Owner's Guide for a few simple checks that you should make before calling the service number printed on the alarm plate. Always remember that the BioSeptic AWTS will not damage itself if it is still operating with the alarm on. Should the alarm sound, **DO NOT TURN OFF THE POWER** unless instructed by our Service Department.

We at BioSeptic like to make sure that our systems are working correctly and our customers are happy with their systems. Your BioSeptic AWTS will provide you with many years of reliable wastewater treatment. The BioSeptic team assures you that we will continue to give you the best possible service.



BIOSEPTIC S5000 NR SEWAGE SYSTEM CHAMBERS AND COMPONENTS





Legend			
1	Septic Chamber	8	Pump Chamber
2	Equalisation Chamber	9	Bacterial Support Media
3	Aeration Chamber 1	10	Water Pump
4	Aeration Chamber 2	11	Chlorinator
5	Aeration Chamber 3	12	Air Blowers
6	Primary Clarifier	13	Control Box
7	Secondary Clarifier	14	Power Point



THE BIOSEPTIC PROCESS

The BioSeptic AWTS is a compact sewage treatment plant that safely processes all household wastewater and recycles it as clear odourless water; to be disposed of in evapotranspiration beds (ETA beds), sub surface or surface irrigation.

For the environmentally responsible person this means that the waste is treated and disposed of on the property where it is produced rather than moving the waste problem to another location, such as a town sewage treatment plant.

The BioSeptic process begins when all household wastewater from the kitchen, toilets, bathroom and laundry flows into the first tank. The solid waste settles in the primary chamber, where naturally occurring anaerobic bacteria slowly break it down.

The settled wastewater flows by gravity through the concrete baffle via three gross pollutant filters into the equalization chamber. An air lift pump doses the wastewater at a prescribed rate into the treatment tank.

The treatment process begins in three aeration chambers, containing bacterial support media. Air is diffused into the chambers to create aerobic bacteria. These quick acting bacteria reduce the organic matter to carbon dioxide and water. Because aerobic bacteria breathe oxygen, there is little odour.

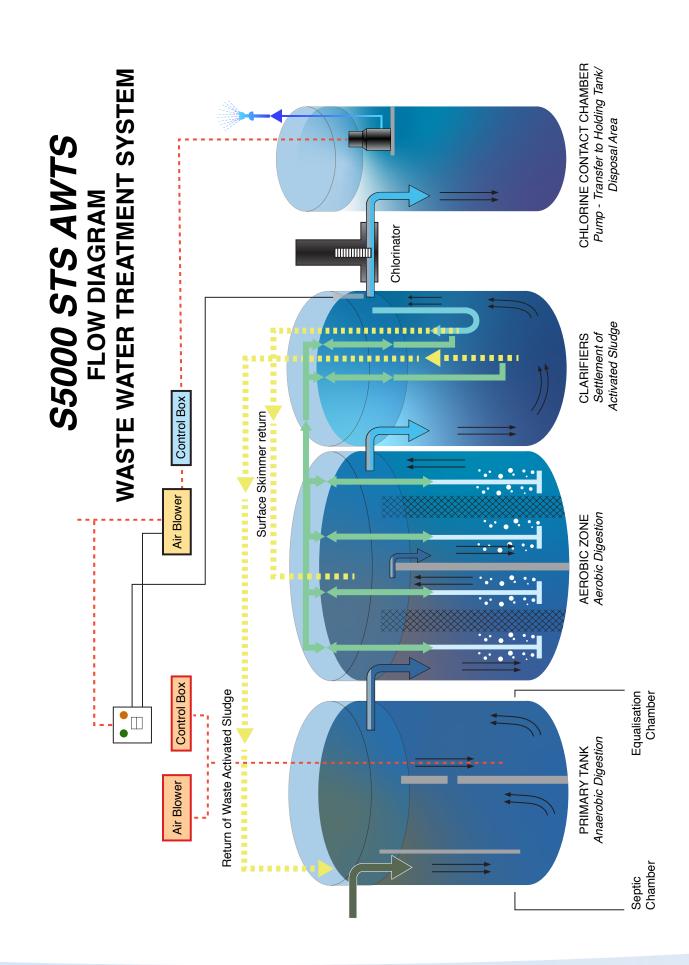
The three reducing capacity aeration chambers are in series to provide a positive surge control to slow down and ensure correct treatment of surge wastewater flows from baths or washing machines.

After aeration the wastewater displaces to the primary clarifier where any remaining sediment settles out of the water to be recycled to the primary tank. It then overflows to the secondary clarifier for final polishing. A skimmer keeps the surface of the clarifiers moving to prevent mosquitoes breeding.

In the final process the wastewater passes into the chlorine contact chamber/pump chamber, where a small amount of chlorine kills any remaining pathogens. The treated wastewater can now be safely pumped to the disposal area. Plants are nature's best method to take up the nutrients that must be prevented from flowing into streams and rivers. Depending on the disposal method trees and shrubs transpire the treated wastewater to the atmosphere.

BioSeptic owners are able to enjoy a beautiful garden that is kept green and fertile throughout the year at no extra cost. They are able to enjoy the beneficial reuse of a valuable resource rather than having to deal with an unpleasant problem.







SYSTEM REQUIREMENTS



DO install AAA rated (or better) water fittings in your dwelling. Conserve water in the home to avoid overloading your AWTS.

DO leave electrical power to the BioSeptic on at all times, even when you are away on holiday.

DO check that the AIR BLOWER is running when the power supply is restored after it has been necessary to temporarily disconnect the power supply.

DO endeavour to restrict or reduce water usage as much as possible during periods of extended power interruption.

DO use only BIODEGRADABLE DETERGENTS that are labeled safe for use with septic tanks.

DO use only toilet paper, as other types of paper do not degrade as readily—newsprint may have an adverse effect on the bacterial growth.

DO use a sink strainer in the kitchen to avoid unnecessary solids entering the system.

DO NOT install or use an IN-SINK GARBAGE GRINDER as this will impose a heavy organic and hydraulic load on the system, for which it has not been designed.

DO NOT dispose of newspaper, disposable nappies, sanitary napkins, tampons, condoms, cotton buds etc in the BioSeptic AWTS—they may cause blockages in the sewer pipes. They also contain inorganic material, which will not degrade in the septic tank.

DO NOT use strong caustics, acids, alkalies or detergents in your BioSeptic AWTS—they will kill bacterial organisms that break down the household wastes. Their use would result in strong offensive odours from the BioSeptic AWTS and the production of an effluent that would constitute a serious health hazard.

DO NOT dispose of bleaches or products such as Domestos or NapiSan into the BioSeptic AWTS.

DO NOT dispose of grease, fats, cooking oils or food scraps down the kitchen sink.

DO NOT discard pesticides, herbicides, or unused medications especially antibiotics into the system. Such chemicals will kill beneficial bacteria, affecting the treatment process.

po Not use cleaning materials or deodorisers/ fresheners that are normally suspended in the toilet bowl or cistern unless they are labeled septic safe.

DO NOT leave your washing to be done on one day, as this practice will impose a high hydraulic load on the system and the irrigation area. If possible, limit the wash to one or two loads per day, spread over several days.

DO NOT switch the power off to the system even while on holidays.

DO NOT attempt to self-service your AWTS.



HANDY HINTS

To ensure you get the Best Results from your BioSeptic AWTS . . .

Use only biodegradable and septic-safe Laundry products.

When shopping for various cleaners, detergents, toilet paper etc, check the labels to determine their safety to BioSeptic AWTSs - using septic-safe products will make your BioSeptic operate most efficiently.

BioSeptic does not endorse the particular products and product manufacturers mentioned in these pages However to the best of our knowledge they are suitable for use with a BioSeptic AWTS.

following website has information other laundry products which may be useful www.lanfaxlabs.com.au

Kitchen

 Sunlight 	 Palmolive 	Kwitcare
• Kit	• Trix	Topwash
Green Apple	 Bushland 	Adds

Most dishwashing detergents are strongly alkaline and should be used in moderation, especially Finish.

Bathroom and Toilet

Pine-O-Clean Toilet Duck	Similar products
------------------------------	--

These products can be used in **very small** quantities, but care should be taken.

To clean the bath, Ajax or a similar product may be used in **small** quantities. Spray and Wipe may also be used for this purpose.

• Care	• Lux	Cuddly
Top Wash	Blue Sno	Embassy
• Surf	Sunlight	Rinso
Castle	More	Dynamo
 Softly 	• Fab	Fluffy
• Omo	Purlite	 Hurricane
• Spree	Love & Care	Cold Power
Woolmix	• Gow	• Ease

Use only gentle, biodegradable products.

Most Amway products are safe to use, with the exception of:

- Dry chlorine bleach
- Persue Disinfectant
- Liquid Fabric Softener
- SA8 Liquid with Fabric Softener

Nappies	Do not use NapiSan or similar products , as antibacterial solutions will kill the bacteria required to make the BioSeptic work.	
	If nappies must be soaked, make sure the wash water does not enter the system.	
Bleach	Do not use bleach unless the water can be disposed of without entering the system.	
Wash Days	Avoid large washes where possible. Ideally you should do 1-2 loads per day over several days—this reduces the hydraulic shock loading on the system.	

With all cleaning — Do Not Use an Excess of Cleaners or Detergents

PLEASE

ONLY THROW



TOILET PAPER
IN THE TOILET

EVERYTHING ELSE IN THE BIN















Please! DO NOT Flush

Even though a product may be small enough to be flushed, does not mean it should be. Flushing items that are not meant to be flushed, including those labeled *flushable*, can lead to problems in the your BioSeptic treatment system.





MAINTENANCE

Your BioSeptic AWTS is a compact sewage treatment plant that supports a biological process, and as such requires regular servicing and maintenance. A municipal sewage treatment plant is maintained on a daily basis - this is not necessary for your BioSeptic AWTS. When properly installed and maintained, a BioSeptic AWTS has a high level of performance and reliability.

After the local council approved the installation of your BioSeptic AWTS a Licence to Operate a Sewage Management Facility (the BioSeptic AWTS) should have been issued.

The Licence to Operate requires that the BioSeptic AWTS is serviced every three months. A condition of the Licence is that you have an annual service agreement with either BioSeptic Pty Limited, your local agent or another service provider authorised by your local council.

After each service a copy of the service report will be left in your letterbox and a copy will be sent to the council.

After the fourth quarterly service has been completed a renewal invoice will be posted for the next year's service. Payment can be made by cheque, credit card or Bpay. Direct deposit from your bank is also available provided you quote your BioSeptic site ID number. Without this number, no credits can be allocated to your site. If you do not have your site ID number, our office staff will be able to provide it.

The service telephone number is printed on the alarm panel. We recommend that you call between 8:00am and 4.00pm and your call will be answered by our Service Department.

WATER QUALITY

The treated wastewater from your BioSeptic AWTS is of a very high quality. It should be colourless and free from visible solids and objectionable odours. The quarterly servicing also maintains the chlorine supply in your BioSeptic so that there should be no harmful bacteria in the treated wastewater. Regular servicing will ensure that the wastewater is safe for disposal in the approved land application area.

Wastewater discharge quality

Your BioSeptic system has undergone an extensive 34 week test at an approved test plant and has been accredited as an Advanced Secondary sewage treatment system.

The treated water quality was:

Biochemical Oxygen Demand (BC	DD5)<10mg/l
Suspended solids	<10mg/l
Faecal coliform	. <10cfu/100ml



The land application area will have been approved and inspected by an officer from the council after the completion of the BioSeptic installation. Although it will be inspected and its condition reported by our service technician at each service visit, its upkeep and maintenance are your responsibility.

Reading and implementing the following maintenance programme will ensure that you achieve the full benefit of owning and using a BioSeptic AWTS and that the land application area is effective for a long period of time.

Homeowner maintenance requirements

Ensure the effluent warning signs are clearly visible by maintaining your land application area free from weeds and debris.

Regular visual checking of your BioSeptic AWTS's exterior and irrigation system will ensure that problems are located and fixed early.

The visual signs of the land application area failing are:

- surface ponding or run-off of treated wastewater
- soil quality deterioration
- poor vegetation growth
- unusual odours

Volume of water

Land application areas and systems for onsite application are designed and constructed in anticipation of the volume of waste to be discharged. Uncontrolled use of water may lead to poorly treated effluent being released from the system.

If the land application area is waterlogged and soggy, the following are possible causes:

- overloading your treatment system with excessive wastewater
- your land application area has been poorly designed
- stormwater is running onto the area

Help protect your health and the environment

Poorly maintained land application areas are a serious source of water pollution and may present health risks, cause odours and attract vermin and insects.

By looking after your sewage management system, you can do your part in helping to protect the environment and the health of you and your family



- Do construct and maintain diversion drains around the top sides of your land application area to divert surface water.
- **DO** ensure that your land application area is kept level by filling any depressions with good quality top soil (not clay).
- DO keep the grass regularly mowed and plant small trees around the perimeter to aid absorption and transpiration of the treated wastewater.
- Do visually check your irrigation system regularly to ensure the sprays are operating and free from blockages.
- DO ensure that any stormwater run-off from the roof, driveway and other impermeable surfaces is directed away from your land application area.
- DO ensure appropriate Warning signs are visible at all times in the vicinity of a spray irrigation area.
- DO maintain your disposal area. Do not alter it without the approval of your local council.
- Do periodically check the sprinklers, and remove sprinkler heads to check inside for possible blockages. It may be necessary to wash the sprinkler heads in a bucket of warm soapy water to remove small particles and grit.
- po regularly move the location of surface spray irrigation systems around the designated irrigation areas, to avoid over saturation of the soil.
- DO ensure that the irrigation lines are not kinked or flattened (do not drive over the irrigation lines).
- Do keep irrigation lines pointing downhill (if possible) in frosty conditions to avoid water freezing in the lines.
- DO ensure subsurface irrigation systems are cycled to distribute wastewater evenly to all areas, and filters are kept clean.

- DO NOT erect any structures, construct paths, graze animals or drive over your land application area.
- DO NOT plant large trees or shrubs that shade your land application area, as the area needs sunlight to aid in the evaporation and transpiration of the treated wastewater.
- **DO NOT** plant trees or shrubs near or on house drains.
- **DO NOT** allow stormwater lines to discharge into or near your land application area.
- **DO NOT** irrigate edible fruit or vegetables with wastewater from the system.
- DO NOT extract treated wastewater for potable (drinkable) use.
- DO NOT flood your land application area through the use of hoses or sprinklers from potable water sources.
- **DO NOT** intentionally divert wastewater off your property into water bodies, street gutters or the stormwater system.
- DO NOT irrigate wastewater onto hard surfaces such as concrete or paving etc.
- **DO NOT** let children or pets come into contact with treated effluent water from the system.



SOME PLANTS SUITABLE FOR USE ON IRRIGATION DISPOSAL AREAS

Botanical Name	Common Name	Approx Hoight
	Common Name	Approx Height
TREES	NACH A A H	5.0
Agonis flexuosa	Willow Myrtle	5-6m
Acacia baileyana	Cootamundra Wattle	3-5m
Banksia spp.		
Casuarina glauca	Swamp Oak	6-12m
Casuarina stricta	Drooping Sheoake	3-5m
Casuarina cunninghamiana	River Sheoake	6-10m
Callistemon viminalis	Red Bottlebrush	3-6m
Callistemon salignus	White Bottlebrush	3-6m
Eucalyptus grandis	Flooded Gum	10-15m
Eucalyptus camaldulenisis	River Red Gum	15-20m
Eucalyptus cosmophylla	Cup Gum	5-6m
Hakea spp.		
Hymenosporum flavem	Native Frangipani	3-6m
Leptosporum laevigatum	Coast Tea Tree	5-6m
Melaleuca armillaris	Bracelet Honey Myrtle	3-4m
Melaleuca quinquenervia	Broad Paperbark	5-7m
Melaleuca nesphila	Western Tea Myrtle	2-4m
Syzgium paniculatum	Bush Cherry	8-10m
Tristania laurina	Kanuka	3-5m
SHRUBS		
	Abelia	2-3m
Abelia x grandiflora Acacia floribunda	Gossamer Wattle	
		2-4m
Acacia longifolia Acacia iteaphylla	Sallow Wattle	2-4m
Cotoneaster spp.		
Cottoneaster spp. Cortaderia selloana	Pampas Grass	2-3m
	Pampas Grass Umbrella Grass	2-3111 0.5-1m
Cyperus alternifolius		0.5-1111
Characlassism va sinatura	Papyrus	0.400
Chamelaucium uncinatum	Geraldton Wax	2-4m
Hebe spp.	Veronia	0.5-1m
Iris pseudacorus	Yellow Flag Iris	0.5-1m
Nerium oleander	Oleander	2-3m
Melaleuca decussata	Cross Leaved Honey Myrtle	1-2m
Phormium tenax	New Zealand Flax	2-2.5m



SOME PLANTS SUITABLE FOR USE ON IRRIGATION DISPOSAL AREAS

Botanical Name Common Name

CLIMBERS	
Bougainvillea spp.	
Hardenbergia violacea	Purple Coral Pea
Hibbertia scandens	Snake Vine
Jasminum officinate	Common Jasmine
Kennedia rubicunda	Dusky Coral Pea
Lonicera japonica	Japanese Honeysuckle
Passiflora spp.	Passion Flower
Vitis coignetiae	Glory Vine

PERENNIALS	
Aster novi-belgii	Perennial Aster
Canna	Gossamer Wattle
Chrysanthemum frutescens	Marguerite Daisy
Chrysanthemumm maximum	Shasta Daisy
Gazania ringens	Blacked Eyed Susan
Salvia uliginosa	Bog Salvia

This list is intended only as a guide to provide a small selection of trees, shrubs and other plants that may be considered suitable for irrigation disposal areas. However, because of wide climatic and soil variations, it is essential that further investigations be made with your local plant nursery before finalising your plant choice to suit your particular locality and site conditions.



SERVICING

Your local council requires that your BioSeptic AWTS is correctly serviced every three months.

Having your BioSeptic AWTS serviced by BioSeptic, the manufacturer, or our agent means that you know it will be serviced correctly and we will only fit replacement original equipment, not after market components.

IT IS IMPORTANT THAT YOU SEND THE NOTICE OF OCCUPANCY FOUND AT THE BEGINNING OF THIS OWNER'S GUIDE.

We at BioSeptic are committed to maintaining our good name and excellent service record, and we will ensure that your BioSeptic AWTS is correctly and efficiently operating after every service.

The following items will be checked at each 3-monthly service:

- the efficiency of the chlorinator
- the chlorine tablets replenishing as required

- the irrigation pump
- the operation of the blower (including cleaning the blower filter)
- the efficiency of the sludge and skimmer return system
- the condition of all pipes and hoses
- the efficiency of the irrigation sprays

The following items will be tested at each 3-monthly service:

- the high level water alarm
- the low air alarm
- the clarity of the water
- the free residual chlorine level

The following annual check/test will be performed:

observation of sludge accumulation in the septic tank

SERVICING YOUR BIOSEPTIC

Each quarterly service shall include a check on all mechanical, electrical and functioning parts of the BioSeptic AWTS, including:

- the chlorinator
- replenishment of the chlorine
- the pump
- the air blower
- the alarm system
- the effluent disposal area, including the spray irrigation outlets
- sludge accumulation in the septic tank (primary treatment tank), the aeration chambers and the clarifier
- the operation of the sludge and skimmer return system
- a field test carried out by the service contractor to measure - free residual chlorine



WARRANTY

All mechanical and electrical components have a 1 year warranty covering parts and labour. This is extended to 2 years if a service agreement is maintained with BioSeptic Pty Limited.

If the BioSeptic system has been purchased from a BioSeptic agent any additional warranty is offered under the same conditions by the BioSeptic agent.

Warranty is conditional upon a continuous Service Agreement being maintained with BioSeptic Pty Ltd.

However, this warranty excludes failure caused by negligence, abuse, natural damage such as flooding and lightning strike, subsidence, incorrect installation, ie any cause that could be considered not to be warrantable under the laws of New South Wales.

BioSeptic S5000 NR Warranty

The BioSeptic AWTS has normal Statutory warranties as noted before, however while the AWTS is being serviced by BioSeptic the following additional warranties are applicable:

- 1. Concrete tank and structural components up to 15 years.
- 2. Internal pipe work up to 5 years.
- 3. Standard irrigation system (above ground poly pipe and sprays) up to 2 years.
- 4. Irrigation pump up to 2 years from the date the tank was delivered
- 5. Air blower up to 2 years from the date the tank was delivered. system delivery date





S5000 NR CONTROL SYSTEM

This operation and installation information should be provided by the purchaser to the builder and electrician, so that the control box and alarm panel can be correctly connected by the electrician. It can be downloaded from www.bioseptic.com.au/ electrical connections. The electrician is provided by the purchaser.

The BioSeptic control boxes are factory fitted inside the grey boxes on top of the tanks. Also inside the grey box is the 12v alarm panel that is to be installed

Each of the two tanks that make up the S5000 has its own control system. They are different in operation.

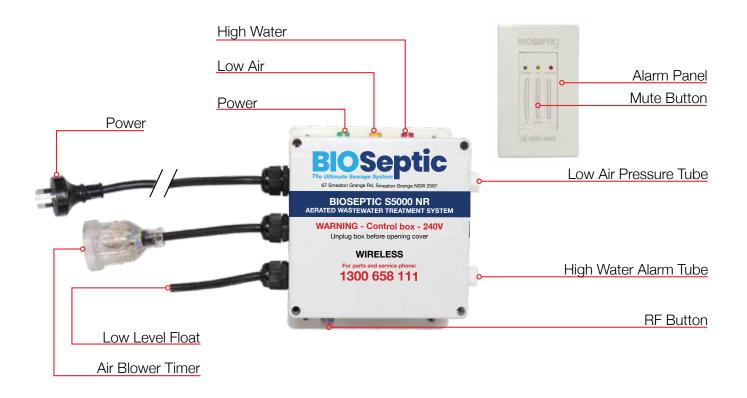
by the client's electrician in the client's nominated position. Only the electrician needs to open the control box to connect the two alarm wires. It must be unplugged from the power point before being opened.

There are no owner serviceable components inside the box, and it is best left intact and only opened by the electrician.



BioSeptic does not undertake any electrical work.

EQUALISATION CHAMBER/DOSING SYSTEM CONTROL PROCESS





EQUALISATION TIMER

The primary or first tank has a control box inside the grey cover box. This box controls the timer that doses the wastewater from the equalisation chamber into the treatment tank. The correct setting of this timer is important so that it transfers water over a 23 hour period each day. If there is no flow in the 24th hour then the system is being optimally dosed. If there is a large variation in the daily flow the settings must be made for the highest flow. During low flow days there may be longer periods of no flow. This will not adversely affect the operation. Not transferring all of the water on the higher flow days will build up a surplus which may eventually flood the system.

Please phone BioSeptic if further assistance is required to set the timer.

HOW THE DOSING TIMER WORKS:

- Power is supplied to the equalisation control box.
- The control box supplies power to the timer.
- The timer supplies intermittent power to the air blower.
- The blower supplies air to the air lift pump water to transfer water to the treatment tank.
- The timer can be adjusted to decrease or increase the flow into the treatment tank.

SETTING THE DOSING TIMER:

The timer is factory set to operate the dosing air blower at one minute on and three minutes off.

The timer has two concentric dials. Rotating the outer dial changes the dosing frequency and the inner dial changes the dosing period.

To increase the flow decrease the frequency (the larger outer dial), i.e from three minutes off to two minutes and forty five seconds off.

Controlling the off timer is easier than adjusting the on timer (the smaller dial)

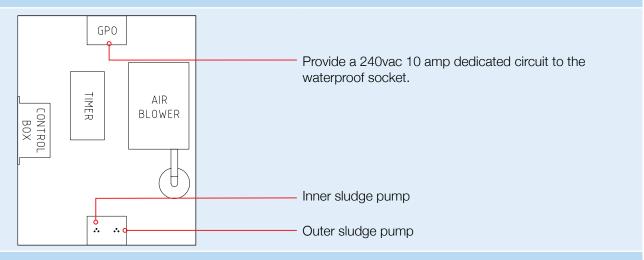




DISPLAY LIGHTS - EQUALISATION DOSING / CONTROL PROCESS

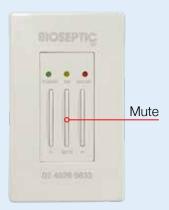
Control Box	Alarm Panel	Condition	Possible fault condition
Green	Green	Power is on	Display light is off - check main supply.
Yellow	Yellow	Low air pressure	a) the air tube may be disconnected,b) the blower is not working orc) there may be a broken pipe inside the tank
Red	Red	High water level	If power has only recently been turned on the tanks may be overfull. The discharge pump will pump the level down.
	Mute button		Pressing the mute button for 2 seconds silences the audio alarm – it will re alarm in 24 hours if the fault is still present. Quickly tapping the mute button will not silence the alarm

ELECTRICAL SUPPLY



ALARM PANEL





Install the alarm panel in the client's preferred location, usually inside the house

- Install in a clearly visible and audible position
- Do **not** install near bedrooms
- Connect the two alarm wires to the terminal block. They are not polarity sensitive.

To mount the alarm:

Insert a screwdriver in the two slots at the base of the faceplate to remove the faceplate.

ALARM SYNCHRONISATION.

Press the RF button on the underside of the control box. Press the mute button on the alarm panel until the green lights on the control box and alarm panel flash.

The control box and alarm are now paired.

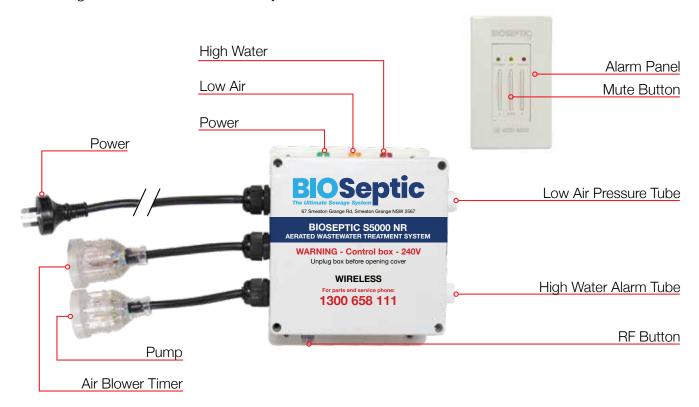
Remove the air blower tube to test the alarm.



TREATMENT TANK CONTROL PROCESS

Power is supplied to the control box which supplies power to the air blower, discharge water pump timer is powered directly from the power socket. The sludge pumps.

- The treatment tank air blower operates continuously to provide the best aeration to the treatment process.
- A timer operates the two sludge pumps that desludge the two clarifiers each day.
- The skimmers in each clarifier operate continuously and independently of the pump timers.



HOW THE SLUDGE PUMP TIMERS WORKS:

- The timer has permanent power.
- The timer supplies power to the sludge pumps for 15 seconds every 12 hours.
- When the pump operates, settled sludge in each clarifier is pumped to the septic tank for digestion by the anerobic bacteria.
- 15 seconds should be an adequate time each day to remove any sludge build up. If a longer time is required to desludge the clarifier. Connect the pump lead to power. Make sure to plug it back into the timer.

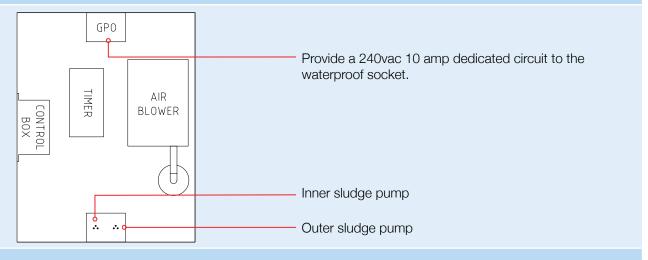




DISPLAY LIGHTS - TREATMENT TANK CONTROL BOX

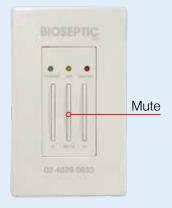
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TROUBLE SHOOTING

Your BioSeptic Aerated Wastewater Treatment System is designed to operate quietly and efficiently, and requires only a 3-monthly service to provide you with the best possible onsite effluent disposal system.

CHECK POWER SOURCE

If the green light on the alarm panel is not illuminated check if the green light is illuminated on the control box located inside the cover box on top of the treatment tank. If the control box green light is illuminated and the panel light is not, then there is a fault in the panel. If the control box green light is not illuminated, nothing should be operating. Check the circuit breaker in the power box. If it is turned off, try and re set it once or twice. If it does not re set call an electrician. BioSeptic cannot undertake any licensed electrical work.

Otherwise, if all appears to be in order, telephone our **Service Department on 4629 6633** (the number is located on the alarm panel).

In both circumstances reduce the water flowing into the system by restricting baths, limiting laundry and dishwasher use, etc until the fault has been rectified.

Remember—the alarm is designed to come on early, so don't panic.



SERVICE SHEET				Date: Tech:			
Customer:							
Address: Suburb/Town: Suburb/Town:							
Chlorine mg/L		Table	ts Remaining		_	Tablets Added	
			Clarity		<u> </u>	Total Tablets	
	,	Working	Not work	king	Not Applic		
Irrigation Pump: Air Blower:							
Recirculation Pur	n o :						
	-	Cleaned	Chang	ed			
Blower Filter:							
Transfer Cap:							
Alarms Operation		/isual	Unable to ch	ook '	Audio		
Pump Alar	Yes m □	No □	Unable to cr	IECK	Yes No □.		
Blower Ala	arm 🗆				0 0.		
Sludge Build-up:		Satisfac	ctory Uns	atisfactory			
in Septic T	ank			□			
	Chambers			_			
	tion Chamber						
Outlet Filter:		Present □	Cleaned	d 🗆			
Sludge Return Op		Checked □		Adj □			
Skimmer Operation: Pump Out Required		Checked □ Yes □		•			
Scum Dep	·	OK 🗆					
·				A D			
Irrigation Area:	Are Nur	a satisfactory [ober of sprays		Area Rec	quires Attentior	ı⊔	
Blower Make:		Model:		Serial No.:). :	
Operation:	Fair □	OK 🗆	Good □	Odour:	Nil □	Slight □	Strong □
Comments							







Local Council STS (DGTS) Service Report: (Version 5: August 2017)								
Owner's Name:		Local Council:	Local Council:					
Installation Address:		ı						
System Brand & Model:	☐ Domestic		☐ Commercial					
Date of this service:	Date of last Serv		Next service due:					
Has the STS/DGTS been serviced in accordance with the manufacturer's / supplier's requirements and using the service sheet? ☐ Yes ☐ No If "No" why?								
STS/DGTS functioning correctly? Yes No If "No" why?								
According to sludge-judge or other methodology is de-sludging needed?								
Offensive odours?	s □ No If	"Yes" what action	is recommended?					
Alarms tested and functional? ☐ Yes	s □ No If	not "functional" wh	at action is recommended?					
Final Effluent Quality Tested? □ Ye	s □N	lo						
Disinfected? ☐ Ye Chlorine tablets remaining? ☐ Ye								
	ntisfactory □ U	nsatisfactory						
On what evidence is this judgment made? If "Unsatisfactory" what action was recommended?								
Land Application Area Surface ponding? □ Yes	□No							
Run off?	□ No							
Excess plant growth?								
ffluent leaving premises? □ Yes □ No ligh risk areas contaminated?* □ Yes □ No * Patio, play areas, BBQ, etc								
Operating satisfactorily? ☐ Yes ☐ No								
Overall Condition of STS?								
Comments / Action Recommended / Repairs Needed / Repairs Performed:								
Has the owner / occupier taken recommended actions? ☐ Yes ☐ No								
Service Agent:		Contact Details:						
Signature:		Date:						

Source: Adapted from "Checklist 4.2: Operational AWTS inspection report for use by service providers and Council inspectors" in Designing and Installing On-Site Wastewater Systems, Sydney Catchment Authority, May 2012