

## Approved wastewater products in South Australia

## Secondary Treatment Systems

Manufacturer	Model name	EP and treatment capacity	Description, servicing frequency, and recommended desludge frequency at maximum design EP use	DHW Approval No. & expiry	AS 1546.3:2017 Certification No. & expiry
<a href="#">Arris Pty Ltd</a> Urrbrae, SA <a href="mailto:info@arris.com.au">info@arris.com.au</a>	ABSORBS™ Sand Filter	Minimum 8 EP, may be scaled up using a maximum treatment capacity of:  40 L/m <sup>2</sup> /d 18.5g BOD <sub>5</sub> /m <sup>2</sup> /d	Pressure-dosed lined sand filter that can be installed as a lined system with irrigation, or an unlined system. Minimum surface area 30m <sup>2</sup> . Requires a septic tank and pump sump on inlet side. For lined system, an irrigation pump sump with chlorine dosing unit is required on the outlet side. For unlined system, basal area sized using DLR for secondary treated effluent from Table L1 of AS/NZS 1547.	WWP-20106/2  28 October 2026	SMK41128  28 October 2026
<a href="#">Alphatreat Pty Ltd</a> Brendale, QLD <a href="mailto:info@wastewaterequipment.com.au">info@wastewaterequipment.com.au</a>	Alpha Treat ATDP10AS	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Two-tank, polyethylene, both vertical orientation. Tank 1 is a septic tank with baffle. Tank 2 contains aeration chambers, clarification chambers, disinfection chamber, and irrigation chamber.  Servicing frequency: 3 monthly Desludge frequency: 4 years or as required	WWP-20130  3 November 2027	4283-2786-01  3 November 2027

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<a href="#">Chankar Environmental Pty Ltd</a> Noosaville, QLD  <a href="mailto:info@enviro-septic.com.au">info@enviro-septic.com.au</a>	AES-38	Minimum 8 EP  System may be scaled up, using a maximum treatment capacity of:  - 114 L/d/module - 47g BOD <sub>5</sub> /d/module	A pipe module treatment system surrounded by sand (minimum 12 modules and 18.5m <sup>2</sup> surface area). Modules consist of proprietary polyethylene pipes, surrounded by plastic fibre matting and polypropylene fabric, with proprietary couplings and adaptors, and connective PVC pipework. Surrounding sand specification must be approved for use by Chankar Environmental. Dosing via gravity using single inlet pipe or proprietary distribution box, or pumped dose with velocity reducer. Basal area to be level and sized in accordance with secondary treated effluent loading rates for beds and trenches in AS/NZS 1547. Basal extension areas may extend up to 1 metre from centre of outermost pipe module.	WWP-20163  4 April 2029	SMK40355  4 April 2029
	AES-38-SPD	Minimum 8 EP  System may be scaled up, using a maximum treatment capacity of:  - 114 L/d/module - 47g BOD <sub>5</sub> /d/module	A pipe module treatment system surrounded by sand (minimum 12 modules and 18.5m <sup>2</sup> surface area). Modules consist of proprietary polyethylene pipes, surrounded by plastic fibre matting and polypropylene fabric, with proprietary couplings and adaptors, and connective PVC pipework. Surrounding sand specification must be approved for use by Chankar Environmental. Dosing via gravity using single inlet pipe or proprietary distribution box, or pumped dose with velocity reducer. Hopper-shaped base with perforated collection pipe surrounded by 10-20mm aggregate, with heavy duty LDPE liner and Norweco tablet chlorinator and approved pump sump for irrigation.		

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<b>Eco-Septic Pty Ltd</b> Warragamba, NSW  <a href="mailto:sales@ecoseptic.com.au">sales@ecoseptic.com.au</a>  <b>BioCycle</b> Sheidow Park, SA  <a href="mailto:sales@biocycle.com.au">sales@biocycle.com.au</a>	Eco Pro 1500 <i>or</i> BioCycle Pro 1500	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, concrete, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20056/1  3 July 2025	6223-3450-01  3 November 2029
	Eco Pro 1500 <i>or</i> BioCycle Pro 1500	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20056/1  3 July 2025	6224-3450-01  3 November 2029
	Maxi 5000 <i>or</i> BioCycle Maxi 5000	33.3 EP  5,000L/d 2,331g BOD <sub>5</sub> /d	Two-tank, concrete, both vertical orientation. Tank 1 is a septic tank with baffle. Tank 2 contains aeration chambers, clarification chambers, disinfection chamber, and irrigation chamber.  Servicing frequency: 3 monthly Desludge frequency: 4.8 years or as required	WWP-20076/1  3 July 2025	4993-3300-01  29 June 2026
	Poly Maxi 5000 <i>or</i> BioCycle Maxi 5000	33.3 EP  5,000L/d 2,331g BOD <sub>5</sub> /d	Two-tank, polyethylene, both vertical orientation. Tank 1 is a septic tank with baffle. Tank 2 contains aeration chambers, clarification chambers, disinfection chamber, and irrigation chamber.  Servicing frequency: 3 monthly Desludge frequency: 4.8 years or as required	WWP-20076/1  3 July 2025	4993-3300-01  29 June 2026

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<b><a href="#">Eljen Corporation</a></b> Windsor, CT, USA  <i>Distributed by</i>  <b><a href="#">Eljen Pacific</a></b> Devonport, TAS  <a href="mailto:paul@eljenpacific.com">paul@eljenpacific.com</a>	Eljen Geotextile Sand Filter (GSF) A42	Minimum 8 EP  System may be scaled up, using a maximum treatment capacity of:  - 80 L/d/media module - 37g BOD <sub>5</sub> /d/media module	A geotextile sand filter (minimum surface area 17.5m <sup>2</sup> ). Requires a septic tank (minimum 4,000L) with bristle-type outlet filter. Dose loading via gravity using a SeptiSurge® dynamic fluid manifold, or pump dosing via pump sump (minimum 1,000L). GSF consists of a minimum of 15 media modules, covered with geotextile fabric, surrounded by specified sand layer. Unit may be lined or unlined. Basal area for unlined system sized using DLR for secondary treated effluent from Table L1 of AS/NZS 1547.  Servicing frequency: N/A Desludge frequency (septic tank): 4 years or as required	WWP-20126 (pumped)  WWP-20161 (gravity)  16 July 2026	SMK41040  16 July 2026
<b><a href="#">Eloy Water Australia Pty Ltd</a></b> Palm Beach, QLD  <a href="mailto:info@eloywater.com.au">info@eloywater.com.au</a>	Oxyfix AU 8 EP	8 EP  1,200L/d 560g BOD <sub>5</sub> /d	Single tank, concrete, vertical orientation. Contains a primary settlement chamber, a biological reactor chamber, a clarification chamber, and a pump/disinfection chamber.  Servicing frequency: 4 monthly (annually if irrigation is subsurface) Desludge frequency: 9 years or as required	WWP-20123  30 March 2025	3865-2928-03  21 June 2027
<b><a href="#">Everhard Industries</a></b> Geebung, QLD  <a href="mailto:info@everhard.com.au">info@everhard.com.au</a>	Aqua Advanced	8 EP  1,200L/d 560g BOD <sub>5</sub> /d	Single tank, concrete, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.3 years or as required	WWP-20074  28 September 2025	632  28 September 2025

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<a href="#">Everhard Industries</a> Geebung, QLD <a href="mailto:info@everhard.com.au">info@everhard.com.au</a>	Aqua Advanced	8 EP 1,200L/d 560g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.3 years or as required	WWP-20074  28 September 2025	632  28 September 2025
<a href="#">FujiClean Australia</a> Helensvale, QLD <a href="mailto:info@fujiclean.com.au">info@fujiclean.com.au</a>	ACE1200	8 EP 1,200L/d 560g BOD <sub>5</sub> /d	Single tank, fibre-reinforced plastic, horizontal orientation. Contains a primary settlement chamber, anaerobic filtration chamber, aerobic filtration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 5 years or as required	WWP-20162  15 March 2029	5627-3568-01  15 March 2029
	ACE3000	20 EP 3,000L/d 1,400g BOD <sub>5</sub> /d	Single tank, fibre-reinforced plastic, horizontal orientation. Contains a primary settlement chamber, anaerobic filtration chamber, aerobic filtration chamber, clarification chamber, and disinfection chamber. Requires a third party pump chamber for irrigation.  Servicing frequency: 3 monthly Desludge frequency: 2.3 years or as required	WWP-20107  15 August 2026	649  15 August 2026
<a href="#">Global Rotomoulding Pty Ltd</a> Helidon Spa, QLD	UBI Aqua Mk II	8 EP 1,200L/d 560g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.6 years or as required	WWP-20127  10 May 2027	SMK40298  10 May 2027

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<a href="#">Global Rotomoulding Pty Ltd</a> Helidon Spa, QLD	UBI Aqua Aerated Wet Cell	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Reed bed treatment system consisting of a 6,000L septic tank, two 'wet cell' reed beds in series, a 1,000L pump sump connected to an indexing valve, and a 1,000L disinfection/pump chamber.  Servicing frequency: 3 monthly Desludge frequency: 8 years or as required	WWP-20150  10 May 2027	SMK40298  10 May 2027
<b>Nodiff Group Pty Ltd</b> Chinchilla, QLD  <a href="mailto:admin@positreat.com.au">admin@positreat.com.au</a>	Positreat PTLX 1.5-00	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Transportable treatment unit consisting of a Taylex Poly ABS1500 unit on a skid mount. Installed on ground and requires macerator pump stations to be installed prior to unit.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20116  19 August 2025	40/22  19 August 2025
	Positreat PTLX 3-00	20 EP  3,000L/d 1,400g BOD <sub>5</sub> /d	Transportable treatment unit consisting of two Taylex Poly ABS1500 units on a skid mount. Installed on ground and requires macerator pump stations to be installed prior to unit.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required		
	Positreat PTLX 6-00	40 EP  6,000L/d 2,800g BOD <sub>5</sub> /d	Transportable treatment unit consisting of four Taylex Poly ABS1500 units on a skid mount, along with grease arrestor and irrigation pump sump. Installed on ground and requires macerator pump stations to be installed prior to unit.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20109/1  19 August 2025	

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<a href="#">Property Werx Pty Ltd</a> Wauchope, NSW  <a href="mailto:info@wormsmart.com.au">info@wormsmart.com.au</a>	Wormsmart WSP1500PF	10EP  1,500L/d 700g BOD <sub>5</sub> /d	Two tank biological filter treatment system. Contains a 3kL primary treatment tank with worms, media and pump, an above-ground sludge basket with filter, and a 3kL secondary treatment tank with media, filter and pump. An additional disinfection chamber can be installed for surface irrigation.  Servicing frequency: 3 monthly by a WormSmart accredited service agent Desludge frequency: 4.4 years or as required	WWP-20138  25 January 2028	2536-2921-01  25 January 2028
<a href="#">Ri-Industries</a> Angle Park, SA  <a href="mailto:sales@ri-industries.com.au">sales@ri-industries.com.au</a>	Ri-Treat EP10	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, concrete, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 6 years or as required	WWP-20078  13 October 2025	SMK20560  13 October 2025
	Ri-Treat EP30	33EP  5,000L/d 2,310g BOD <sub>5</sub> /d	Three-tank, concrete, all vertical orientation. Contains an 8kL septic tank, an 8kL aeration tank, and an 8kL tank with aeration, settlement and pump/disinfection chambers.  Servicing frequency: 3 monthly Desludge frequency: 3.8 years or as required	WWP-20105  13 October 2025	
<a href="#">Suncoast Waste Water Management</a> Kunda Park, QLD  <a href="mailto:info@ozzikleen.com">info@ozzikleen.com</a>	Ozzi Kleen RP10	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement/aeration chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 1.9 years or as required	WWP-20103  22 July 2027	SMK02608  22 July 2027

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<a href="#">Suncoast Waste Water Management</a> Kunda Park, QLD  <a href="mailto:info@ozzikleen.com">info@ozzikleen.com</a>	Ozzi Kleen RP10S	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement/aeration chamber, and pump/disinfection chamber, and alum dosing system.  Servicing frequency: 3 monthly Desludge frequency: 2.8 years or as required	WWP-20103  22 July 2027	SMK02608  22 July 2027
	Ozzi Kleen RP10S+	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement/aeration chamber, and pump/disinfection chamber, and alum dosing system.  Servicing frequency: 3 monthly Desludge frequency: 0.9 years or as required		
	Ozzi Kleen RP10A+	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement/aeration chamber, pump/disinfection chamber, and alum dosing system.  Servicing frequency: 3 monthly Desludge frequency: 2.9 years or as required		
	Ozzi Kleen SK20A & SK20G	20 EP  4,000L/d 1,400g BOD <sub>5</sub> /d	Transportable treatment unit consisting of a manual bar screen, inflow balance tank, and two Ozzi Kleen RP10 units and on a skid mount. The SK20G also contains a grease trap. To be installed on ground, requiring a pump station with proprietary controller prior to unit.  Servicing frequency: 3 monthly Desludge frequency: 1.9 years or as required	WWP-20092  22 July 2027	



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<a href="#">Supertreat Systems Pty Ltd</a> South Nowra NSW  <a href="mailto:supertreatsystems@gmail.com">supertreatsystems@gmail.com</a>	Super-Treat ST10P	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Two-tank, Polypropylene, vertical orientation. Tank 1 consists of a septic tank with internal baffle wall. Tank 2 contains aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.1 years or as required	WWP-20129  5 December 2026	SMKH20616  5 December 2026
	Super-Treat ST10C	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Two-tank, Concrete, vertical orientation. Tank 1 consists of a septic tank with internal baffle wall. Tank 2 contains aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.1 years or as required		
<a href="#">Taylex Australia Pty Ltd</a> Ormeau, QLD  <a href="mailto:info@taylex.com.au">info@taylex.com.au</a>	Poly ABS1500	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, polyethylene, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20068  19 August 2025	40/22  19 August 2025
	Concrete ABS1500	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, concrete, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20069  19 August 2025	

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<a href="#">Taylex Australia Pty Ltd</a> Ormeau, QLD <a href="mailto:info@taylex.com.au">info@taylex.com.au</a>	Concrete ABS4200	28 EP  4,200L/d 1,960g BOD <sub>5</sub> /d	Two-tank, concrete, both vertical orientation. Tank 1 contains primary treatment chambers and sedimentation chambers. Tank 2 contains aeration chambers, clarification chambers, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 5.4 years or as required	WWP-20113  18 October 2026	40/26  18 October 2026
	Concrete ABS5000	33.3 EP  5,000L/d 2,331g BOD <sub>5</sub> /d	Two-tank, concrete, both vertical orientation. Tank 1 contains primary treatment chambers and sedimentation chambers. Tank 2 contains aeration chambers, clarification chambers, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20082  16 December 2025	40/24  16 December 2025
	PABSNR-1350 & ABSNR-1350	9 EP  1,350L/d 630g BOD <sub>5</sub> /d	Polyethylene or concrete single tank, vertical orientation. Contains a primary pre-treatment chamber, a secondary pre-treatment chamber, an aeration chamber, a sedimentation chamber and a disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.5 years or as required	WWP-20132  29 November 2027	4382-3039-01 (concrete)  4386-3039-01 (poly)  29 November 2027
	PABSNR-2000 & ABSNR-2000	13.3 EP  2,000L/d 931g BOD <sub>5</sub> /d	Polyethylene or concrete single tank, vertical orientation. Contains a primary pre-treatment chamber, a secondary pre-treatment chamber, an aeration chamber, a sedimentation chamber and a disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 2 years or as required	WWP-20134  29 November 2027	4384-3039-01 (concrete)  4388-3039-01 (poly)  29 November 2027

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<b>Wastewater Australia Pty Ltd</b> Rutherford, NSW  <a href="mailto:mail@gardenmaster.com.au">mail@gardenmaster.com.au</a>	Garden Master Elite	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, concrete, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20173  30 November 2028	6310-2931-01  29 April 2029
	Garden Master Elite FG	10 EP  1,500L/d 700g BOD <sub>5</sub> /d	Single tank, fibreglass, vertical orientation. Contains a primary settlement chamber, aeration chamber, clarification chamber, and pump/disinfection chamber.  Servicing frequency: 3 monthly Desludge frequency: 3.2 years or as required	WWP-20173  9 September 2025	6310-2931-01  29 April 2029
	Garden Master Elite 5,000	33.3 EP  5,000L/d 2,331g BOD <sub>5</sub> /d	Two-tank, concrete, both vertical orientation. Tank 1 contains primary treatment chamber. Tank 2 contains aeration chamber, clarification chamber, disinfection chamber and pump chamber.  Servicing frequency: 3 monthly Desludge frequency: 4.8 years or as required	WWP-20174  30 November 2028	6309-2931-01  3 July 2029
	Garden Master Elite 5,000 FG	33.3 EP  5,000L/d 2,331g BOD <sub>5</sub> /d	Two-tank, fibreglass, both vertical orientation. Tank 1 contains primary treatment chamber. Tank 2 contains aeration chamber, clarification chamber, disinfection chamber and pump chamber.  Servicing frequency: 3 monthly Desludge frequency: 4.8 years or as required	WWP-20174  9 September 2025	6309-2931-01  3 July 2029

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Last revised 24 April 2025