Approved basic trade waste pre-treatment products

Version Release: 10/11/2026

This list shows the basic pre-treatment devices approved by SA Water for connection to its sewerage system. Dischargers may choose from the various suppliers, but must install an approved device of the type and size, if that is specified on their trade waste discharge permit.

Equipment installations must allow adequate clearance for safe access during routine servicing and inspection. For example, the clearance above a grease arrestor or settling pit should be at least 1200mm.

Stands, walkways and steps associated with the device must meet Workplace Health and Safety guidelines.

Trade Waste Guideline *Approval of Basic Pre-treatment Products* sets out the process for adding new products to this list. If we have previously approved your product, but it is not listed, or the information is incorrect, please contact the SA Water Trade Waste team.

Grease arrestors

Manufacturer/product name	Supplier contact	Item/model number
ACO Polycrete Pty Ltd	(08) 8162 7800	Lipumax (In ground): 142095 (1000 L/hr), 142096 (1500L/hr),142098(2000L/hr),142960 (3000L/hr), 142961 (4000L/hr), 142962 (5000L/hr) EcoJet (Above ground): 142090 (1000L/hr), 142091 (1500L/hr), 142093 (2000L/hr) Above ground installations must be installed under cover. Not UV protected.
ALINE Australasia Pty Ltd	1800 018 999	Aline Kwikflow range (PE), above and below ground: AGA1000 (1000L), AGA1500 (1500L)
Australian EPA Services	*0421 888 893* *austepaservices@gmail.com*	500-GST, 1000-GST, 1500-GST, 2000-GST, 2500-GST, 3000-GST, 3500-GST, 4000-GST, 4500-GST, 5000-GST Custom models/shapes are not approved.
Bianco Precast	(08) 8444 7555	Concrete. No.2 (1000 L/hr), No.3 (1750L/hr), No. 4(2400L/hr), No. 5 (5390L/hr)
Civilmart	(08) 8209 3093	Concrete. No.2 (1000 L/hr), No.3 (1750L/hr), No. 4(2400L/hr), No. 5 (5000L/hr)
COERCO P/L	(08) 9661 0610	Polyethylene. Models GA-1200, GA-2000, GA-4000
CV Plastics P/L	(03) 5442 8728	Passive Grease Arrestors (1000L, 1800L and 2400L) modified models (SA specific i.e. Changes to baffle's holes).

Manufacturer/product name	Supplier contact	Item/model number
		Above ground installations must be installed under cover. Not UV protected.
Eclipse Boat Shaped Grease Arrestor	*Eclipse Environmental Australia* 1300 272 650	Fibreglass. Models Eclipse GA1000F, GA1500F, GA1800F, GA2000F, GA2400F, GA3000F, GA4000F, GA5000F (Modified models as per Product's South Australia Manual dated June 2011)
GRAF Australia Pty Ltd Garantia	*GRAF Australia* *1300 131 971* *info@grafaustralia.com.au*	Polyethylene. Saphire models: 600L, 900L, 1200L, 1500L Diamant models: NS4(2070 litres), NS7 (2070 litres), NS10 (3160 litres), NS15 (3160 litres) SC models: SC2000, SC3000, SC4000, SC5000 Above Ground Grease Separator GB Models: 600L, 1000L, 1500L
Halgan - MGT Modular Grease Trap	1800 626 753 info@halgan.com.au	Polyethylene. Models MGT 1000, MGT 1000.2, MGT 1500, MGT 1500.2, MGT1500.3, MGT2000, MGT 2000.2, MGT 3000, MGT 3000.2, MGT 4000, MGT 4000.2, MGT 5000, MGT 5000.2
Halgan - MGTA Modular Grease Trap A	1800 626 753 info@halgan.com.au	Polyethylene. Models MGTA 1000, MGTA 1500, MGTA 2000, MGTA 3000, MGTA 4000, MGTA 5000. Above ground installations only.
Halgan - MGT S Modular Grease Trap "S" Series	1800 626 753 info@halgan.com.au	Polyethylene. Models MGTS 1000, MGTS 1500, MGTS 2000, MGTS 3000, MGTS 4000, MGT S 5000
Pioneer Industrial Plastics	*(03)9775 0203* *sales@pioneerplastics.com.au*	PVC PIP AG1 (300, 400, 600, 800, 1000, 1100, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000)
Ri Industries	*(08) 8445 7822*	Concrete. No.2 (1100 L/hr), No.3 (1750L/hr), No. 4(2400L/hr), No. 5 (5200L/hr)
Viking Plastics Engineering Pty Ltd	*(03)9587 2297*	PVC SA9-1-(1000,1500,1800,2000,2400,3000,4000,5000) SPT9-1-(1000,1500,1800,2000,2500,3000,4000,5000) SPT9-2-(1000,1500,1800,2000,2500,3000,4000,5000) SPT9-2H-(2500,3000,4000,5000)

Filter type grease removal devices

Manufacturer/product name	Supplier contact	Item/model number
Delta Compact	*Eclipse Environmental* 1300 272 650	Delta 1 (1000L/hr) Delta 2 (1500L/hr) Only authorised when clear space restrictions can be demonstrated and upon suitability assessment of the nature of the waste.
Grease Muncher	*Global Pumps* (08) 8275 8000	Polyethylene/thermal plastics - 1000 L/hr Only authorised when clear space restrictions can be demonstrated and upon suitability assessment of the nature of the waste.
Halgan Ecotec - S100 Grease Extractor	1800 626 753 info@halgan.com.au	Polyethylene - 1000 L/hr Only authorised when clear space restrictions can be demonstrated and upon suitability assessment of the nature of the waste.

Grease removal devices

Manufacturer/product name	Supplier contact	Item/model number
Big Dipper Extractor	*M.A. Griffith* (03) 9399 8444	Models: W-150-IS, W-200-IS, W-250-IS, W-350-IS and W-500-IS. Only for use upstream of an appropriate authorised grease arrestor, DAF unit etc.
Grease Guardian	*Eco Guardians* 1300 556 628	Stainless Steel - Models: D1, D2, D3, D4, GGX7(S), GGX7(C), GGX15, GGX25, GGX25 Pro, GGX35, GGX35 Pro Only for use upstream of an appropriate authorised grease arrestor, DAF unit etc.
Grease Raider	*MacTrap* *+64 21 455566* *info@mactrap.co.nz*	Models: Grease Raider GB5, GB15, GB25 Grease extractors Only for use upstream of an appropriate authorised grease arrestor, DAF unit etc.

Cooling pits

Manufacturer/product name	Supplier contact	Item/model number
GRAF Australia – Cooling Pit	*GRAF Australia* 1300 131 971 *info@grafaustralia.com.au*	Models 2000 L, 3000L, 4000L, 5000L
Halgan - Cooling Pit	1800 626 753 info@halgan.com.au	Models HCP200, HCP400, HCP600, HCP800, HCP1000, HCP1200, HAD1500 (polyethylene) Only for use in minor applications / ad hock discharges.
Halgan - Cooling Pit S Series	1800 626 753 info@halgan.com.au	Models HCPS1000, HCPS1500, HCPS2000, HCPS3000 (polyethylene) Only for use in minor applications / ad hock discharges.

Neutralising tanks – under sink

Manufacturer/product name	Supplier contact	Item/model number
Storm Plastics	(08) 8374 3277	PVC Neutraliser Tank NT50
Stratco	(08)8349 5555	Stainless steel. LNTKSS

Oil water separators

Manufacturer/product name	Supplier contact	Item/model number
Baldwin Industrial Systems P/L	*Baldwin* (02) 4954 0440 *Hydramet* (SA) (08) 8374 7800	Coalescing Plate Separator - Polyethylene/polypropylene. Various models from 1000 L/hr upwards
MAK Industrial Water Solutions	(08) 8395 6122	Coalescing Plate Separator - Stainless steel. Various models from 720 L/hr upwards
Eclipse Hydroflow Oil Separators	*Eclipse Environmental Australia* 1300 272 650	Stainless steel. Models HYD1000S (1000L/hr), HYD3000S (3000L/hr), HYD5000S (5000L/hr)

EnviroSEP	*Ovivo Australia* (08) 8260 8111	Stainless steel. Various models from 1000L/hr upwards
Enviroconcepts International	*Enviroconcepts* *1300 661 130*	Stainless steel, Various Models.
Fox Environmental Systems	*Fox Environmental Systems* (03) 9338 6024	Mechanical Oil/ Water Separator models
H2O Cleanawater, TS Series Oil Water Separators	1800 353 788	Stainless steel. Various models from 1000L/hr upwards
Halgan - Oil Water Separators (OWHS)	1800 626 753 info@halgan.com.au	Polyethylene. Models OWHS 1000, OWHS 1500, OWHS 2000, OWHS 3000, OWHS 4000, OWHS 5000
Hydro-Tec Engineering	(08) 8390 1565	Stainless steel. Various models from 1000L/hr upwards
Industrial Separation Systems (ISS), Vertical Gravity Separator (VGS)	*Environmental Water Services* (08) 8398 4044 *MRE Industries* (08) 8352 6233 *Ri Industries* (08) 8445 7822 *Tradelink* 1800 228 476 *Reece Plumbing Products* - all stores.	Polyethylene or stainless steel. Various models 1000 - 3000 L/hr
Kwikflo Oil Water Separator	*All Pumps* (02) 8838 1000 *Global Pumps* (08) 8275 8000 *MRE Industries* (08) 8352 6233	Polyethylene Various models from 1000 L/HR upwards
SEPA Small oil separator	*SEPA P/L* (02) 9542 2434	Stainles steel. Various models from 1000L/hr upwards

Painting Tool Wash Water Treatment (water-based paints)

Manufacturer/product name	Supplier contact	Item/model number
Dulux Envirosolutions Envirowash System	Dulux Trade 13 25 25	ES160 and ES800

Plaster traps – under sink

Manufacturer/product name	Supplier contact	Item/model number
Britex	(03)9466 9000	OSPC Plaster Trap Stainless Steel
L W Gemmell Aust.	(08) 8340 9999	Stainless steel. PLAS - 316
Halgan - Clay Plaster Trap	1800 626 753 info@halgan.com.au	Model CPT/SS/5, manufactured from 304 grade stainless steel
Halgan - Plaster Trap	1800 626 753 info@halgan.com.au	Model PT/SS/5, manufactured from 316 grade stainless steel
Storm Plastics	(08) 8374 3277	PVC Plaster Traps PLTRAPBO and PLTRAPSO Models with PVC Plaster Trap Lid PLTRAP-Lid PVC Plaster Trap PLTRAPSOSL with 65mm side outlet and sealed lid. Measures 400mm x 250mm x 350mm. Capacity 25.5 Litres
Stratco	(08)8349 5555	Stainless steel PSTTSS

Sink / Trough Strainers with basket

Note: The screening requirements include a fixed secondary strainer with a max 3mm hole size.

Manufacturer/product name	Supplier contact	Item/model number
3monkeez	(02) 9627 6111	Stainless Steel Sink Waste Arrestors South Australia specific models
MAS	(07) 3890 8011	SSBW3 - Stainless Steel In-sink Waste Arrestor
SMC Stainless	(02) 4735 5666	Models ALDI-AT2HST-SA Solids Trap, ALDI-AT7-SA Solids Trap, AT6-YUM-SA Solids Trap

		All above products are only approved as the South Australia specific model fitted with a fixed tertiary strainer with maximum hole diameter of 3mm.
Wolfen	Reece www.reece.com.au	Wolfen Bucket Trap Sink Waste 90x50 SS Product/Model Code: 250744

Floor Silt traps/strainers with basket

Note: The screening requirements include a fixed secondary strainer with a max 3mm hole size.

Manufacturer/product name	Supplier contact	Item/model number
3monkeez	(02) 9627 6111	Stainless Steel Floor Waste Arrestors South Australia specific models
ACO Polycrete Pty Ltd	(08) 8162 7800	ACO Wexel Floor Drain ACO Wexel Floor Drain Push-in bucket traps ACO Gully 157 Floor Drain ACO Gully 218 Floor Drain
AusPress Systems Pty Ltd	1300 287 773	316 Stainless Steel, 200mm Industrial Drains Various Models 316 Stainless Steel, 300mm Industrial Drains Various Models.
Blucher Australia & New Zealand	1300 425 824	316 Stainless Steel, 200mm Industrial Drains Various Models 316 Stainless Steel, 300mm Industrial Drains Various Models.
Kembla	(08) 8445 7555	Stainless Steel Floor Darains (Various Models)
OzFlow	(07)3273 6847	Stainless Steel floor drains, (Various Models)
Storm Plastics	(08) 8374 3277	PVC Silt Trap (225mm and 150mm size) HDPE Silt Trap (250mm and 160mm size)
Stratco	(08)8349 5555	Stainless steel. Round Top Silt Trap. STRPROSS Stainless steel. SquareTop Silt Trap. STRPSQSS
Trade Waste Drain	0402995596 sales@tradewastedrain.com.au	TWD 130SQBT, TWD 130RNDBT, TWD 140RNDVBT, TWD 150SQBT

Solids settling/neutralising pits

Manufacturer/product name	Supplier contact	Item/model number
Bianco Precast	(08) 8359 0666	Concrete. No.2 (1000 L/hr), No.3 (1750L/hr), No. 4(2400L/hr), No. 5 (5390L/hr)
Cooke Precast Concrete	(08) 8209 3093	Concrete. No.2 (1000 L/hr), No.3 (1750L/hr), No. 4(2400L/hr), No. 5 (5000Lhr)
GRAF Australia – Averaging Dilution Pit	1300 131 971 info@grafaustralia.com.au	Models 2000 L, 3000L, 4000L, 5000L
GRAF Australia – General Purpose Pit	1300 131 971 info@grafaustralia.com.au	Models 2000 L, 3000L, 4000L, 5000L
GRAF Australia – Lint Arrestor	1300 131 971 info@grafaustralia.com.au	Models 2000 L, 3000L, 4000L, 5000L
GRAF Australia – Settling tank	1300 131 971 info@grafaustralia.com.au	Models 2000 L, 3000L, 4000L, 5000L
Halgan - Averaging Dilution Trap	1800 626 753 info@halgan.com.au	Models HAD400, HAD600, HAD800. HAD1000, HAD1200 and HAD1500 (chemical grade polyethylene)
Halgan - Averaging Dilution Trap S Series	1800 626 753 info@halgan.com.au	Models HADS1000, HADS1500, HADS2000 and HADS3000 (chemical grade polyethylene)
Halgan - Lint Trap	1800 626 753 info@halgan.com.au	Models HLT600, HLT1100 and HLT1600 (chemical grade polyethylene) Only for use in conjunction with a compliant upstream screening device.
Halgan - Lint Trap S Series	1800 626 753 info@halgan.com.au	Models HLTS1000, HLTS1500, HLTS2000 and HLTS3000 (chemical grade polyethylene) Only for use in conjunction with a compliant upstream screening device.
Halgan - Settling Tank	1800 626 753 info@halgan.com.au	Models HSTV1100 and HSTV1600 (chemical grade polyethylene)
Halgan - Silt Trap	1800 626 753	Silt Arrestor, Models HST550, HST1000 and HST1500 (chemical grade polyethylene)

	info@halgan.com.au	
Halgan - Silt Trap S Series	1800 626 753 info@halgan.com.au	Silt Arrestor, Models HSTS1000, HSTS1500, HSTS2000 and HSTS3000 (chemical grade polyethylene)
Ri Industries Developments P/L	(08) 8445 7822	Concrete. No.2 (1000 L/hr), No.3 (1800L/hr), No. 4(2400L/hr), No. 5 (5000L/hr)

Notes:

- The above devices have been approved in principle by SA Water's Trade Waste team only. Performance/ compliance of the device is the responsibility of the trade waste discharger (the authorisation holder).
- Wind driven turbine ventilators ('whirly bird' type vents) are required on all upstream trade waste vents. An induct vent of not less than DN80 has to be connected to the outlet chamber of the grease arrestor. A DN80 or larger high-level upstream vent (fitted with a wind driven turbine ventilator) has to be connected to the uppermost end of the drainage system gravitating to the arrestor.

  The minimum venting size for all trade waste drains and pre-treatment devices is a DN80 or larger, however branch vent size is fixture unit dependent.

  Approved Manufacturer: Edmonds
  Product Name: Sewer Vent
  Contact: 1300 858 674

The image below illustrates the approved wind turbine ventilator required for grease arrestors.

