

Approved basic trade waste pre-treatment products

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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. |
| Bianco Precast | (08) 8444 7555 | 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 (5000L/hr) |
| 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). Above ground installations must be installed under cover. Not UV protected. |
| Eclipse Boat Shaped Grease Arrestor | <i>Eclipse Environmental Australia</i> 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) |

| Manufacturer/product name | Supplier contact | Item/model number |
|---|--|---|
| GRAF Australia Pty Ltd | GRAF Australia 1300 131 971 info@grafaaustralia.com.au | Polyethylene. Saphir models: NS2 (1070 litres), NS4 (1070 litres), NS4 (1500 litres) Diamant models: NS4(2070 litres), NS7 (2070 litres), NS10 (3160 litres), NS15 (3160 litres) SC models: SC2000, SC3000, SC4000, SC5000 |
| Halgan MGT Modular Grease Trap | Halgan 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 | Halgan 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 | Halgan 1800 626 753 info@halgan.com.au | Polyethylene. Models MGTS 1000, MGTS 1500, MGTS 2000, MGTS 3000, MGTS 4000, MGT S 5000 |
| Ri Industries | (08) 8445 7822 | Concrete. No.2 (1000 L/hr), No.3 (1800L/hr), No. 4(2400L/hr), No. 5 (5000L/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 | <i>Eclipse Environmental</i> 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 | <i>Global Pumps</i> (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 | <i>Halgan</i> 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 | <i>M.A. Griffith</i> (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 | <i>Eco Guardians</i> 1300 556 628 | Stainless Steel - Models: D1, D2, D3, D4, D5 Only for use upstream of an appropriate authorised grease arrestor, DAF unit etc. |

Cooling pits

| Manufacturer/product name | Supplier contact | Item/model number |
|-----------------------------|---|---|
| Halgan Cooling Pit | <i>Halgan</i> 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 | <i>Halgan</i> 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 | <i>Baldwin</i> (02) 4954 0440 <i>Hydramet (SA)</i> (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 | <i>Eclipse Environmental Australia</i> 1300 272 650 | Stainless steel. Models HYD1000S (1000L/hr), HYD3000S (3000L/hr), HYD5000S (5000L/hr) |
| EnviroSEP | <i>Ovivo Australia</i> (08) 8260 8111 | Stainless steel. Various models from 1000L/hr upwards |
| Enviroconcepts International | <i>Enviroconcepts</i> 1300 661 130 | Stainless steel, Various Models. |
| Fox Environmental Systems | <i>Fox Environmental Systems</i> (03) 9338 6024 | Mechanical Oil/ Water Separator models |

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| H2O Cleanawater, TS Series Oil Water Separators | 1800 353 788 | Stainless steel. Various models from 1000L/hr upwards |
| Halgan Oil Water Separators (OWHS) | <i>Halgan</i> 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) | <i>Environmental Water Services</i> (08) 8398 4044 <i>MRE Industries</i> (08) 8352 6233 <i>Ri Industries</i> (08) 8445 7822 <i>Tradelink</i> 1800 228 476 <i>Reece Plumbing Products</i> - all stores. | Polyethylene or stainless steel. Various models 1000 - 3000 L/hr |
| Kwikflo Oil Water Separator | <i>All Pumps</i> (02) 8838 1000 | Polyethylene Various models from 1000 L/HR upwards |
| SEPA Small oil separator | <i>SEPA P/L</i> (02) 9542 2434 | Stainles steel. Various models from 1000L/hr upwards |

Plaster traps – under sink

| Manufacturer/product name | Supplier contact | Item/model number |
|---------------------------|---|---|
| L W Gemmell Aust. | (08) 8340 9999 | Stainless steel. PLAS - 316 |
| Halgan Clay Plaster Trap | <i>Halgan</i> 1800 626 753 info@halgan.com.au | Model CPT/SS/5, manufactured from 304 grade stainless steel |
| Halgan Plaster Trap | <i>Halgan</i> 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 |

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|---------|---------------|--|
| | | 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 PSTSS |

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 Stainless Steel Floor Waste Arrestors South Australia specific models |
| 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. |

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 |
|---------------------------------|------------------|---|
| 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) |

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|---------|---------------|--|
| | | HDPE Silt Trap (250mm and 160mm size) |
| Stratco | (08)8349 5555 | Stainless steel. Round Top Silt Trap. STRPROSS Stainless steel. SquareTop Silt Trap. STRPSQSS |

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) |
| Halgan Averaging Dilution Trap | Halgan 1800 626 753 info@halgan.com.au | Models HAD400, HAD600, HAD800. HAD1000, HAD1200 and HAD1500 (chemical grade polyethylene) |
| Halgan Averaging Dilution Trap S Series | Halgan 1800 626 753 info@halgan.com.au | Models HADS1000, HADS1500, HADS2000 and HADS3000 (chemical grade polyethylene) |
| Halgan Lint Trap | Halgan 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 | Halgan 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 | Halgan 1800 626 753 info@halgan.com.au | Models HSTV1100 and HSTV1600 (chemical grade polyethylene) |
| Halgan Silt Trap | Halgan 1800 626 753 info@halgan.com.au | Silt Arrestor, Models HST550, HST1000 and HST1500 (chemical grade polyethylene) |

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|--------------------------------|--|---|
| Halgan Silt Trap S Series | Halgan 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.

