

Approved Basic Trade Waste Pre-treatment Products

Reviewed 29/01/2014

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 Trade Waste Branch on the details below.

Grease Arrestors

Manufacturer/Product Name	Supplier Contact	Item/Model No.
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)
Eclipse Boat Shaped Grease Arrestor	Eclipse Environmental Australia 1300 272 650	Fibreglass. Models Eclipse GA1000F, GA1500F, GA2000F, GA3000F, GA4000F, GA5000F (Modified models as per Product's Manual South Australia dated June 2011)
Halgan MGT Arrestor	Global Pumps (08) 8275 8000	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
Ri Industries	(08) 8445 7822	Concrete. No.2 (1000 L/hr), No.3 (1800L/hr), No. 4(2400L/hr), No. 5 (5000L/hr)

Stratco	(08)8349 5555	Stainless steel. GRAR1000SS (1000L/hr), GRAR1000SS (1800L/hr), GRARVBSS V-base in custom sizes minimum 1000L/hr.
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Filter Type Grease Removal Devices

Manufacturer/Product Name	Supplier Contact	Item/Model No.
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	Global Pumps (08) 8275 8000	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 No.
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, D5 Only for use upstream of an appropriate authorised grease arrestor, DAF unit etc.

Cooling Pits

Manufacturer/Product Name	Supplier Contact	Item/Model No.
Halgan Cooling Pit	Global Pumps (08) 8275 8000	Models HCP200, HCP400, HCP600, HCP800, HCP1000, HCP1200, HAD1500 (polyethylene) Only for use in minor applications / ad hock discharges.
Halgan Cooling Pit S Series	Global Pumps (08) 8275 8000	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 No.
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 No.
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
H2O Cleanawater, TS Series Oil Water Separators	1800 353 788	Stainless steel. Various models from 1000L/hr upwards
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 40 44. 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	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 No.
EnviroWash system	Dulux Trade Outlets 132525	ES 160 and ES 450

Plaster Traps – Under Sink

Manufacturer/Product Name	Supplier Contact	Item/Model No.
L W Gemmell Aust.	(08) 8340 9999	Stainless steel. PLAS - 316
Halgan Clay Plaster Trap	Global Pumps (08) 8275 8000	Model CPT/SS/5, manufactured from 304 grade stainless steel
Halgan Plaster Trap	Global Pumps (08) 8275 8000	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
Stratco	(08)8349 5555	Stainless steel PSTTSS

Silt Traps/Strainers with Basket – In Floor, Sink or Trough

Note: As of 1st January 2014, the screening requirements includes the introduction of a fixed secondary strainer with a max 2mm hole size.

Manufacturer/Product Name	Supplier Contact	Item/Model No.
Blucher Australia	(08) 8374 3426	316 Stainless Steel, 200mm Industrial Drains (760.402.110s, 766.402.110s, 760.502.110s, 766.502.110s or 760.602.110s) fitted with both a Filter Basket 2mm hole size (780.200.000.02s) and 2mm hole size Screw Fixed Secondary Strainer (788.110.000.02s). 316 Stainless Steel, 300mm Industrial Drains (760.403.110s, 760.403.160s, 766.403.110s, 760.503.110s, 760.503.160s, 766.503.110s or 760.603.110s) fitted with both a Filter Basket 2mm hole size (780.300.000.02s) and 2mm hole size Screw Fixed Secondary Strainer (788.110.000.02s or 788.160.000.02s).
Storm Plastics	(08) 8374 3277	PVC Silt Trap 225 x 150mm. S225150 PVC Silt Trap 225 x 100mm. S225100 PVC Silt Trap 150 x 100mm. S150100 HDPE Silt Trap 160 x 110mm. S160110HDPE HDPE Silt Trap 250 x 110mm. S250110HDPE
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 No.
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	Global Pumps (08) 8275 8000	Models HAD400, HAD600, HAD800. HAD1000, HAD1200 and HAD1500 (chemical grade polyethylene)
Halgan Averaging Dilution Trap S Series	Global Pumps (08) 8275 8000	Models HADS1000, HADS1500, HADS2000 and HADS3000 (chemical grade polyethylene)

Halgan Lint Trap	Global Pumps (08) 8275 8000	Models HLT600, HLT1100 and HLT1600 (chemical grade polyethylene) Only for use in conjunction with a compliant upstream screening device.
Halgan Lint Trap S Series	Global Pumps (08) 8275 8000	Models HLTS1000, HLTS1500, HLTS2000 and HLTS3000 (chemical grade polyethylene) Only for use in conjunction with a compliant upstream screening device.
Halgan Settling Tank	Global Pumps (08) 8275 8000	Models HSTV1100 and HSTV1600 (chemical grade polyethylene)
Halgan Silt Trap	Global Pumps (08) 8275 8000	Silt Arrestor, Models HST550, HST1000 and HST1500 (chemical grade polyethylene)
Halgan Silt Trap S Series	Global Pumps (08) 8275 8000	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)

Biological Additives for Grease Arrestors

Manufacturer/Product	
Name	Supplier Contact
Bioamp	Chemsearch 1800 252 087
Grease Guzzler	Environmental Waste Services (08) 8326 3393
GWT-1	Micro-Tes (Australia) (08) 8231 0444
Super Chemzyme IV Plus	Chemsearch 1800 252 087
8-Alive	Momar Australia 1800 267 933

NOTE:

- These devices have been approved in principle by the Trade Waste Branch only. Performance/compliance of the device is the responsibility of the trade waste discharger (authorisation holder).
- The biological additives listed (above) can be accepted with minimal risk to SA Water's sewer. No performance benefits to the trade waste discharge & pre-treatment device/s have been demonstrated reliably to the Trade Waste Branch's satisfaction.