

Goulburn Valley Water						
Preferred Equipment List			Date last Revised	28/05/2009	Revision Number	5
<b>Pressure Sewer System</b>						
Part No.		Primary		Secondary		Justification Reference No.
		Manufacturer	Supplier	Manufacturer	Supplier	
<b>PS1</b>	<b>Pump Unit - Simplex (Standard)</b>					
	OGP free standing pump with internal ESPS level control mounted inside an 1100 litre polyethylene collection tank complete with generator connector, time delay for audible alarm, marker plates, 316 stainless steel alarm panel, inlet connector and installation manual.	Barnes	Aquatec Fluid			
			OGP - 20x2C/PPE110ESPS			
<b>PS2</b>	<b>Pump Unit - Duplex 1500 L (Standard)</b>					
	Dual OGP pumps with external ESPS level control mounted on 316 stainless steel "C" channels inside a 1500 litre polyethylene collection tank complete with generator connector (\$), time delay for audible alarm (\$), marker plates (\$), alternating 316 stainless steel Duplex alarm panel, inlet connector and installation manual.	Barnes	Aquatec Fluid			
			OGP 20X2C/PPE1500ESPS			
<b>PS3</b>	<b>Duplex Unit - 3000 litre</b>					
	Dual OGP pumps with external ESPS level control mounted on 316 stainless steel "C" channels inside a 3000 litre polyethylene collection tank complete with generator connector, time delay for audible alarm, marker plates, alternating 316 stainless steel Duplex alarm panel, inlet connector and installation manual	Barnes	Aquatec Fluid			
			OGP 20X2C/D/PPE3000ESPS			
<b>PS4</b>	<b>Spare Pump Unit</b>					
	Aquatec Barnes spare pump unit complete with non return/anti-syphon valve and either s/s pedestal or moveable fitting. Suit Simplex & Duplex.	Barnes	Aquatec Fluid			
			OGP 20X2C			
<b>PS5</b>	<b>Pump Seal Kit</b>					
		Aquatec Fluid	Aquatec Fluid			
			116828			
<b>PS6</b>	<b>Generator connector</b>					
		Aquatec Fluid	Aquatec Fluid			
			GCH			
<b>PS7</b>	<b>Low voltage protection</b>					
		Aquatec Fluid	Aquatec Fluid			
			LVPR			
<b>PS8</b>	<b>Pump cutter kit</b>					
		Barnes	Aquatec Fluid			
			116830			
<b>PS9</b>	<b>Externally wired ESPS level control switch</b>					
		Barnes	Aquatec Fluid			
			115678M			
<b>PS10</b>	<b>Plug-in ESPS level control switch</b>					
		Barnes	Aquatec Fluid			
			115669M			
<b>PS11</b>	<b>Redundant high level alarm</b>					
		Aquatec Fluid	Aquatec Fluid			
			RHLA			
<b>PS12</b>	<b>Time delay for audible alarm</b>					
		Aquatec Fluid	Aquatec Fluid			
			ART			
<b>PS13</b>	<b>Battery Backup</b>					
	Battery backup for Hi Hi alarm including larger enclose, battery charge and float switch	Aquatec Fluid	Aquatec Fluid			
			BBHHA			
<b>PS14</b>	<b>Marker plates - electrical control panel</b>					
		Aquatec Fluid	Aquatec Fluid			
			ECPL			
<b>PS15</b>	<b>Marker plates - Sewer rising main</b>					
		Aquatec Fluid	Aquatec Fluid			
			MP			
<b>PS16</b>	<b>Valves</b>					
	Pressure Sewer Valve key to suit isolation valve spindles	Aquatec Fluid	Aquatec Fluid			
			VK1			
<b>PS17</b>	<b>Emergency Storage</b>					
	Aquatec Barnes 3000 litre emergency storage vessel complete with 1.5m diameter x 2.2m deep 3000 litre polyet-hylene tank, aluminium chequer plate lid and polyethylene pipe spigot.	Aquatec Fluid	Aquatec Fluid			
<b>PS18</b>	<b>Boundary Connection Kit</b>					
	ABCK40S - suits Simplex including PVC isolation valve, inspection tee piece and non return valve all mounted inside a boundary box with bolt down cover. Unit is supplied with inlet and outlet polyethylene spigots suitable for connection to electrofusion couplings.	Aquatec Fluid	Aquatec Fluid			
			PPB2.2/3000/ES/2X 900X600EXTN			

<b>PS19</b>	<b>Flushing Point</b>				
Complete with 316 stainless steel pipe work and isolation valve, quick release Camlock connector mounted inside a polyethylene valve box. Valve box is supplied complete with recessed concrete cover. Unit is supplied with polyethylene spigot suitable for connection to electrofusion coupling.		Aquatec Fluid	Aquatec Fluid		
		AFP50(*) - DN 50mm AFP100(*) - DN 100mm			
<b>PS20</b>	<b>AIR VALVE - POLY - Suit PE pipe diams 50mm,63mm and 75mm</b>				
Aquatec Air Valve connection kit including sewerage air valve connected to polyethylene manifold with isolation valve mounted and plumbed inside a 1.0m diameter x 1.0m deep polyethylene chamber complete with concrete cover slab and cast in 600Ø light service cast iron gas tight cover. Unit is supplied with inlet and outlet polyethylene spigots suitable for connection to electrofusion couplings. Yellow steel powder coated vent cover is supplied.		Aquatec Fluid	Aquatec Fluid		
		AAV50(*) - DN50mm			
<b>PS21</b>	<b>AIR VALVE - POLY - Suit PE pipe diams 90mm,110mm, 125mm, 160mm, 180mm and 200mm</b>				
Aquatec Air Valve connection kit including sewerage air valve connected		Aquatec Fluid	Aquatec Fluid		
		AAV50(*) - DN50mm			
<b>PS22</b>	<b>AIR VALVE - Concrete - Suit PE pipe diams 50mm, 63mm, 75mm, 90mm,110mm, 125mm, 160mm, 180mm and 200mm</b>				
Aquatec sewerage air valve and air valve pit including 316 stainless steel sewerage air valve and isolation valve mounted in concrete 1.0 metre diameter air valve pit supplied with heavy service cast iron cover and concrete surround. Unit is supplied with inlet and outlet polyethylene spigots suitable for connection to electrofusion couplings. Yellow steel powder coated vent cover is supplied.		Aquatec Fluid	Aquatec Fluid		
		AAV50HD(*)			
<b>PS23</b>	<b>Isolation Valve</b>				
including fusion bonded epoxy coated resilient seated flanged isolation valve with 316 s/s extension spindle (clockwise close) and supplied with concrete surround and cast iron twist-lock inspection cover. Unit is supplied complete with polyethylene stubs suitable for connection to electrofusion couplings, galvanized backing rings, galvanized bolt set, and gaskets. Special spindle cap to suit pressure sewer is included		Aquatec Fluid	Aquatec Fluid		
		AIVK65 - DN65 - 75mm PE AIVK80 - 90mm PE AIVK100 - 110 and 125 AIVK150 - 160 and 180 AIVK200 - 200 and 225			
<b>PS24</b>	<b>Telemetry</b>				
Telemetry packages for Goulburn Valley Water at selected sites to be monitored back to the control room for pressure sewer systems. Complete with a GSM modem, GSM antennae, AC/DC power supply, high level alarm floats, larger control panel and all associated hardware, cabling and wiring.		Aquatec Fluid	Aquatec Fluid		
		AT/PS/RTU			