

## INSTALLATION INSTRUCTIONS





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## 25L, 60L, 150L PIT STATION INSTALLATION INSTRUCTIONS





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### 300, 450 & 600 SERIES - PIT STATION PREPERATION

- 1. Remove grate and feed power cord through grommet and seal grommet slit with silicon as/if required.
- 2. Ensure the float switch has free and full movement to activate and deactivate.
- 3. If using a 300 Series Pit Station, please skip step 3 and go straight to installation instructions below. From factory the brass ball valve will be set in the OFF/CLOSED position to avoid any contaminants or objects entering the system during shipping. Ensure the valve is set to ON/OPEN before powering on the pump.

### PIT STATION INSTALLATION INSTRUCTIONS

We strongly recommend that Stormwater collection and drainage systems for any site are designed to accept probable stormwater flow rates by a suitably qualified engineer, and to comply with any specifications for the site decided by the local regulatory authority or other project controller. The following installation instructions should be followed:

- 1. The prepared excavation should allow the Pit to be seated firmly on a layer of firmly compacted bedding sand with the upper surface of the Steel Grate or Cast Iron Frame, whichever is selected, at the proposed final surface level.
- 2. Mark and cut the Pit walls to accept the connection pipes or channels etc at the correct levels.
- 3.All pipes should be fitted through the Pit wall and sealed with a suitable silicone based adhesive/sealant.
- 4. The Grate should be fitted to ensure that the Pit walls do not distort during the completion of the paving work. Internal bracing of larger Pits during backfilling is recommended.
- 5. Pour mass concrete at pipe entries outside the Pit walls to provide support to pipes entering the Pit walls.
- 6. Run the pump power cord underground (at a depth specified by the relevant Australian standards or local legislation) and connect to power.
- 7. Backfill the excavation with moderately compacted clean stabilised soil and sand.
- 8. Allow sufficient space above backfill for a concrete collar to be poured around the Pit, finished at the final surface level. Collar depth and width should be the same, about 100mm for the Domestic Rainwater Pit and 100 to 150mm for the Series 300 Pit. Collars should extend to not less than 150mm below the rim for the Series 450, 600 and 900 Pits. This collar provides all-round support under the Pit rim for the Grate and protects the Pit against possible "in-service" mechanical damage to the edge of the rim. The diagram overleaf indicates concrete surrounds in both light and heavy traffic sites.
- 9. Surrounding bitumen, concrete or brick paving should be planned for completion with graded areas so that collected water flows towards the concrete collar surround and into the Pit.
- 10. Complete the online commissioning form via the QR Code.



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### **RISER INSTALLATION INSTRUCTIONS**

When installing Polymer Pits, and especially when Risers are being used, care must be taken to ensure that the load from the surrounding soil does not deform the Pit wall and crush it inwards. This is aggravated when surrounding soil is heavily compacted, or subject to vehicular traffic. Reinforcing Cross-Bar Spiders should be installed inside the Polymer Pit to help stiffen the side walls.

- 1. New pattern Risers have shaped external ribs to lock over the Pit rim to prevent misalignment. In cases where the installation may be subject to high loads a suitable "tank bolt" may be fitted in each side of the Pit to secure the overlap of the Riser skirt and the upper wall of the Pit.
- 2. The Pit to Riser connection should be supported by concrete poured in the backfill to envelope the Pit rim.
- 3.A concrete surround collar 100 to 150mm deeper than normal is recommended for Risers in a trafficable situation.

### DEEP PIT INSTALLATIONS

Risers allow both Concrete and Polymer Everhard Stormwater Pits to be set deeper than normal to suit the drainage piping. However, the National Plumbing and Drainage Code for stormwater drainage (AS/NZS 3500.3:2003) limits the maximum depth for stormwater and inlet pits. These should be applied when using Pits for other purposes, such as cable connections.

450 x 450 pits should no be deeper than 600mm to outlet invert
600 x 600 pits should no be deeper than 900mm to outlet invert
600 x 900 pits should no be deeper than 1200mm to outlet invert
900 x 900 pits can be over 1200mm deep to invert of the outlet

### **CONNECTING PIPES**

Where pipes penetrate the sides or floor of an Everhard Polymer Stormwater Pit, and it is possible that movement may occur which may cause a normal application of sealant between an unsupported pipe and the Pit wall to fail, mechanical reinforcement of the connection may be needed. Pipes can sometimes be fitted with a flange, with the face against the outer wall of the Pit. This can then be secured using metal fasteners appropriate for the application. Stainless Steel bolts through the Pit wall and Flange are normal, with washers under the bolt head and under the nut outside. A generous bead of suitable sealanet should be appled between the flange and the Pit surface, and under the fasteners and washers. "Fullers Max-Seal" or "Silastic 732" or an equivalent compound with adhesive properties should be used. The entire joint may then be assembled and tightened so that connections will remain unbroken, even if a pipe misalignment occurs.

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# 600 & 1000L SINGLE PUMP STATION INSTALLATION INSTRUCTIONS





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### PARTS SUPPLIED WITH EACH PUMP STATION:

- 1. 1x moulded Plastic Pump Well Assembly
- 2. 1x moulded Plastic Access Cover
- 3. 6x Stainless Steel Screws
- 4. 2x standard elastomeric rubber rings for 100mm uPVC SWV pipe

### PARTS SUPPLIED WITH EACH RISER KIT:

- 5. 1 x 600mm x 630mm dia Ribstruct
- 6. 6: 6 x Stainless Steel Screws
- 7. 7: 1 x Black Butyl Joint Tape (97681)

\* Check with your local authority before selecting any part of a Waste-water disposal system.\*

The Polymer Pump Well should be located in areas not exposed to any vehicle or regular pedestrian traffic. It should be installed in an area set aside for garden use, and finally covered with bark or garden mulch after installation is complete. Where the Pump Well is in a high water table area extra anchorage may be required. See "ANCHORAGE".

### PREPARATION:

Ensure that: appropriate approvals have been given by local authorities. - appropriately qualified persons, including electricians and plumbers, are employed to install and connect the pump well.

We recommend that all holes cut in the pump well are made leak proof using rubber o-rings (provided), rubber seals or bulk head fittings. The pump well has three additional flat vertical areas that allow inlets to be cut into the pump well. These should be sealed with an appropriate rubber seal or silicon.

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### SAFETY:

The safe installation of a pump station requires adherence to industry standards, regulatory guidelines, and best practices. This section outlines critical safety considerations to minimize risks during electrical work, excavation, and overall installation.

1. General Safety Guidelines

- Always follow local regulations and codes applicable to pump station installation.
- Ensure all personnel involved in the installation are adequately trained and certified where required.
- Wear appropriate personal protective equipment (PPE), including helmets, gloves, safety glasses, steel-toe boots, and high-visibility clothing.
- Maintain a clean and organized worksite to reduce tripping hazards and improve accessibility.
- Use caution when handling heavy components to prevent injuries; employ lifting equipment as necessary.
- Have first aid kits and emergency contact numbers readily available on site.

#### 2. Electrical Safety

- Only qualified and licensed electricians should perform high voltage electrical installations and connections.
- Disconnect and lock out power sources before performing any electrical work to avoid electrocution.
- Ensure all electrical components, including control panels, are installed in compliance with local electrical codes.
- Use appropriate tools and insulated equipment for electrical work.
- Verify that all wiring and grounding systems are intact and properly secured before energizing the system.
- Avoid installing electrical components in wet or damp conditions. Ensure proper sealing of enclosures to prevent water ingress.

3. Excavation Safety

- Before excavation, contact local utilities to identify and mark underground services such as water, gas, electricity, and telecommunications lines.
- Verify soil stability and implement shielding or sloping to prevent cave-ins when working in deep excavations.
- Keep heavy machinery, equipment, and materials a safe distance from the edge of excavations to avoid collapsing walls.
- Install warning barriers and signage around open trenches or pits to protect workers and bystanders.
- Always have a competent person inspect excavations daily and after significant weather events.
- Follow local regulations regarding excavation depth, shoring, and backfilling.

4. Lifting and Handling Equipment

- Use cranes, forklifts, or other lifting devices suitable for handling heavy components.
- Inspect lifting equipment regularly for defects or wear before use.
- Ensure all slings, chains, and hoists are rated for the weight being lifted and are securely fastened.
- Maintain a safe working radius and keep personnel clear of suspended loads.

#### 5. Confined Space Entry

- You may need to treat pump station wet wells and other enclosed areas as confined spaces. Do not enter unless trained and authorized.
- Use appropriate ventilation equipment to ensure adequate airflow in confined spaces.
- Have a confined space rescue plan in place with trained personnel and appropriate equipment.

6. Chemical and Environmental Safety

- If chemicals are used during installation (e.g., sealants, adhesives), follow manufacturer safety data sheets (SDS) for handling and application instructions.
- Properly dispose of any waste or packaging material generated during the installation process.
- Minimize environmental impact by containing spills and preventing debris from entering stormwater systems.

By adhering to these safety guidelines, the risks associated with pump station installation can be significantly reduced, ensuring a safe and successful project.

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### SITE ASSESSMENT:

Take note of the invert heights of the available inlets into the pump well and ensure that the incoming 100mm drainpipe is appropriately supported and allows for wastewater to flow directly into the pump well. Site **MUST** be away from areas susceptible to all vehicular and foot traffic.

### THE EXCAVATION 600L:

- 1. Prepare excavation greater than 1500mm diameter up to 1300mm deep (Deeper holes may be used when a riser is fitted). Sides and bottom should be free from all intruding roots, stones, or other matter.
- 2. Determine which of the inlet Connection Ports is to be used. This will depend on the depth of the pipe from the wastewater source at the point where it meets the Pump Well.
- 3. Trench excavation should be widened for vent connection (see right) pumped water discharge electrical connections
- 4. Line the bottom of the hole with 50mm of sand or 3mm pea gravel

### THE EXCAVATION 1000L:

- 1. Prepare excavation greater than 1500mm diameter up to 1900mm deep (Deeper holes may be used when a riser is fitted). Sides and bottom should be free from all intruding roots, stones, or other matter.
- 2. Determine which of the inlet Connection Ports is to be used. This will depend on the depth of the pipe from the wastewater source at the point where it meets the Pump Well.
- 3. Trench excavation should be widened for vent connection (see right) pumped water discharge electrical connections
- 4.Line the bottom of the hole with 50mm of sand or 3mm pea gravel

### 600L EXCAVATION:





### 1000L EXCAVATION:





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### PUMP WELL PREPARATION:

- 1. Cut out the Inlet opening selected using an appropriately sized hole saw.
- 2. Venting of the upstream pipe is usually adequate for most installations. Where needed, a vent port to suit the required pipe size may be cut in the side of the pump well and may be secured using a bulk head fitting.
- 3. At this point take the time to write down the serial number of your pump station as it is required for the commissioning document. The serial number will be located around the top section of the pump station in white paint pen. Once installed in the ground the serial number may not be visible, so it is important to complete this step now.
- 4. Remove the lid and retrieve the high level alarm (box stored in plastic bag) Remove the nylon rope from the bar with the float switch attached and tie it off on the adjacent bar to be used as an aid for pump removal.
- 5. Feed float switch cable and pump power cable through the provided grommet, ensure the slit hole on the grommet is used for the power cable.
- 6. Connect to high level alarm box using the brown and black wires as per "normally open" diagram below



7. The high level alarm float switch position is set from the factory\*. Test the function of the high level alarm by raising the float switch to the closed position and watch for the strobe to flash and the alarm to sound. The high level alarm panel can be placed up to 8m\*\* (the remaining length of float switch cable) from the pump station and should be able to be heard and/or seen by the relevant parties.

Note\* The high-level float switch height is set from the factory to trigger approximately 100mm above the 'pump on' float switch position. This indicates that the pump has failed or is not coping with the influx of water. The customer may adjust the height at which the float switch triggers as needed. However, moving the high-level float position closer to the lid will reduce the response time before overflow occurs so should be done with caution.

Note\*\* additional length float switches are available for purchase on special orders from Everhard in 15m-50m lengths.

- 8. The ball value on the pump station is shipped in the CLOSED position to prevent any foreign items from entering the system, ensure the value is set to the OPEN position before operation.
- 9. Check over the entire system for any loose fittings, damaged pipework etc.
- Screw down the lid using the provided screws ensuring the gasket remains correctly aligned and is providing a watertight seal for the system
- 11. Now that the pump station assembly is complete follow the next steps to install the pump well into the ground.
- 12. Complete the online commissioning form via the QR Code.



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### POSITIONING THE PUMP WELL:

- 1. Fit vent and discharge attachments as required
- 2. Using the lifting holes, carefully lower the pump well into the
- excavated hole, seating the base of the pump well into the sand bed.
- 3.Connect the 100mm drain pipe to the pump well.

### BACKFILL:

- 1.Backfill around the pump well, compacting as you go, ensuring that the pump well remains level and the pipe work is not damaged.
- 2. In areas that are affected by high water tables, refer to Anchorage.
- 3. Use excess soil to build a bund above the pump well to divert stormwater away from the installation.

### ANCHORAGE:

In high water table areas additional anchorage is required to prevent the pump well moving. A square concrete slab 1.35m x 1.35m is required to the depth of the underside of the pump well flange (0.22m deep). Insert a N12 steel rod into tie down holes at the base of the pump well to secure the pump well to the concrete slab.

### FURTHER RECOMMENDATIONS FOR INSTALLATION:

Where the required depth to the pipe invert makes the Pump Well lower than normal, the Everhard Universal Riser (82224) can extend the access opening to surface level. Following the Universal Riser Installation Guide to secure the Riser to the Pump Well. Please consider serviceability when installing the riser to a pump station.

### IMPORTANT NOTES:

"Pump Well" is a generic term for any vessel intended to temporarily store liquid before it is transferred by means of a pump to another location, perhaps for processing or long-term storage. The EVERHARD Polymer 600L Pump Well has been tested and found to comply with the Australian/New Zealand standard for vessels such as Septic Tanks and Collection Wells for use in domestic, and some other, situations.

It may be used to receive treated wastewater from a Septic tank for pumped discharge to a disposal area, or in applications where site conditions dictate that short-term accumulations of "All-waste", "Black-water" and/or "Greywater" (defined by AS/NZS 1546.1) wastes must be delivered to a treatment system by a suitable pump instead of free-flowing under gravity direct from the source. Installers MUST check with your local authority to ensure that this pump well and usage will be permitted in your area before beginning plans for any installation. The EVERHARD Pump well was designed for on-site treatment and disposal applications. It is tested for Standards Mark approval and does not carry WaterMark certification. Connection to sewer systems, and installation in sewered properties, may not be permitted by local authorities. The EVERHARD 600L Plastic Pump Well has a number of features which make it an obvious choice for many installations. It is light and easily handled and worked with, while also being durable and tough. Produced from a blend of polymer that has been stabilised against ultra-violet light degradation, its physical characteristics allow the product to exceed the required performance criteria for the applicable tests in AS/NZS 1546.1. EVERHARD Polymer Pump Wells are ideally matched for use with the range of EVERHARD Polymer Septic Tanks and Collection Wells, all produced in accordance with AS/NZS 1546.1.



## 600 & 1000L DUAL PUMP STATION INSTALLATION INSTRUCTIONS





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### PARTS SUPPLIED WITH EACH PUMP STATION:

- 1. 1x moulded Plastic Pump Well Assembly
- 2. 1x moulded Plastic Access Cover
- 3. 6x Stainless Steel Screws
- 4. 2x standard elastomeric rubber rings for 100mm uPVC SWV pipe

### PARTS SUPPLIED WITH EACH RISER KIT:

- 5. 1 x 600mm x 630mm dia Ribstruct
- 6. 6: 6 x Stainless Steel Screws
- 7. 7:1 x Black Butyl Joint Tape (97681)

\* Check with your local authority before selecting any part of a Waste-water disposal system.\*

The Polymer Pump Well should be located in areas not exposed to any vehicle or regular pedestrian traffic. It should be installed in an area set aside for garden use, and finally covered with bark or garden mulch after installation is complete. Where the Pump Well is in a high water table area extra anchorage may be required. See "ANCHORAGE".

### PREPARATION:

Ensure that: appropriate approvals have been given by local authorities. - appropriately qualified persons, including electricians and plumbers, are employed to install and connect the pump well.

We recommend that all holes cut in the pump well are made leak proof using rubber o-rings (provided), rubber seals or bulk head fittings. The pump well has three additional flat vertical areas that allow inlets to be cut into the pump well. These should be sealed with an appropriate rubber seal or silicon.

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### SAFETY:

The safe installation of a pump station requires adherence to industry standards, regulatory guidelines, and best practices. This section outlines critical safety considerations to minimize risks during electrical work, excavation, and overall installation.

1. General Safety Guidelines

- Always follow local regulations and codes applicable to pump station installation.
- Ensure all personnel involved in the installation are adequately trained and certified where required.
- Wear appropriate personal protective equipment (PPE), including helmets, gloves, safety glasses, steel-toe boots, and high-visibility clothing.
- Maintain a clean and organized worksite to reduce tripping hazards and improve accessibility.
- Use caution when handling heavy components to prevent injuries; employ lifting equipment as necessary.
- Have first aid kits and emergency contact numbers readily available on site.

#### 2. Electrical Safety

- Only qualified and licensed electricians should perform high voltage electrical installations and connections.
- Disconnect and lock out power sources before performing any electrical work to avoid electrocution.
- Ensure all electrical components, including control panels, are installed in compliance with local electrical codes.
- Use appropriate tools and insulated equipment for electrical work.
- Verify that all wiring and grounding systems are intact and properly secured before energizing the system.
- Avoid installing electrical components in wet or damp conditions. Ensure proper sealing of enclosures to prevent water ingress.

3. Excavation Safety

- Before excavation, contact local utilities to identify and mark underground services such as water, gas, electricity, and telecommunications lines.
- Verify soil stability and implement shielding or sloping to prevent cave-ins when working in deep excavations.
- Keep heavy machinery, equipment, and materials a safe distance from the edge of excavations to avoid collapsing walls.
- Install warning barriers and signage around open trenches or pits to protect workers and bystanders.
- Always have a competent person inspect excavations daily and after significant weather events.
- Follow local regulations regarding excavation depth, shoring, and backfilling.

4. Lifting and Handling Equipment

- Use cranes, forklifts, or other lifting devices suitable for handling heavy components.
- Inspect lifting equipment regularly for defects or wear before use.
- Ensure all slings, chains, and hoists are rated for the weight being lifted and are securely fastened.
- Maintain a safe working radius and keep personnel clear of suspended loads.

#### 5. Confined Space Entry

- You may need to treat pump station wet wells and other enclosed areas as confined spaces. Do not enter unless trained and authorized.
- Use appropriate ventilation equipment to ensure adequate airflow in confined spaces.
- Have a confined space rescue plan in place with trained personnel and appropriate equipment.

6. Chemical and Environmental Safety

- If chemicals are used during installation (e.g., sealants, adhesives), follow manufacturer safety data sheets (SDS) for handling and application instructions.
- Properly dispose of any waste or packaging material generated during the installation process.
- Minimize environmental impact by containing spills and preventing debris from entering stormwater systems.

By adhering to these safety guidelines, the risks associated with pump station installation can be significantly reduced, ensuring a safe and successful project.

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### SITE ASSESSMENT:

Take note of the invert heights of the available inlets into the pump well and ensure that the incoming 100mm drainpipe is appropriately supported and allows for wastewater to flow directly into the pump well. Site **MUST** be away from areas susceptible to all vehicular and foot traffic.

### THE EXCAVATION 600L:

- 1. Prepare excavation greater than 1500mm diameter up to 1300mm deep (Deeper holes may be used when a riser is fitted). Sides and bottom should be free from all intruding roots, stones, or other matter.
- 2. Determine which of the inlet Connection Ports is to be used. This will depend on the depth of the pipe from the wastewater source at the point where it meets the Pump Well.
- 3. Trench excavation should be widened for vent connection (see right) pumped water discharge electrical connections
- 4. Line the bottom of the hole with 50mm of sand or 3mm pea gravel

### THE EXCAVATION 1000L:

- 1. Prepare excavation greater than 1500mm diameter up to 1900mm deep (Deeper holes may be used when a riser is fitted). Sides and bottom should be free from all intruding roots, stones, or other matter.
- 2. Determine which of the inlet Connection Ports is to be used. This will depend on the depth of the pipe from the wastewater source at the point where it meets the Pump Well.
- 3. Trench excavation should be widened for vent connection (see right) pumped water discharge electrical connections
- 4.Line the bottom of the hole with 50mm of sand or 3mm pea gravel

### 600L EXCAVATION:





### 1000L EXCAVATION:





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## PUMP WELL PREPARATION:

- 1. Cut out the Inlet opening selected using an appropriately sized hole saw.
- 2. Venting of the upstream pipe is usually adequate for most installations. Where needed, a vent port to suit the required pipe size may be cut in the side of the pump well and may be secured using a bulk head fitting.
- 3. At this point take the time to write down the serial number of your pump station as it is required for the commissioning document. The serial number will be located around the top section of the pump station in white paint pen. Once installed in the ground the serial number may not be visible, so it is important to complete this step now.
- 4. Remove the lid and retrieve the accessories bag which includes the dual pump control box, pump well starter kit and cable ties. Feed the 3 float switch cables and 2 pump power cables through the provided grommets, the plugs will need to be cut off the pumps so they can be hard wired into the controller.
- 5. The Matelec HydroSTART Controller requires a minimum of 3 float switches (provided) but can support up to 5 depending on the required feedback. Each install will require bespoke heights to be set for the float switches. Below is a diagram detailing a typical setup of a pump station using 3 float switches.



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#### 6. Key things to consider when using a 3 float switch setup:

#### High Level Alarm Float Switch:

Approx 100mm above the start float switch – On the dual pump controllers the high level float switch will start the second pump and operate with both pumps until the pump stop float is triggered, so this will need to be close enough to the pump start float to ensure the second pump can get on top of the flow if called into action.

#### Start Pump Float Switch:

Minimum of 0.30m above Stop Level to ensure no greater than 10 pump starts per hour Maximum of 1m above Stop level to prevent sludge and solids settling onto the wet well floor

#### Stop Pump Float Switch:

Must sit above or at the top of the pump motor casing to ensure the pump stays submerged. This assists with keeping the pump cool, and also prevents the risk of a vortex being created that draws air into the pump volute from the surface and air locks the pump.

7. Once the float switch heights have been decided, the position can be locked in using the provided cable ties and the internal bar of the pump station as per the photo below. Ensure the float switches are evenly spaced across the bar to prevent tangling.



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- 8. All connections between the float switches and pumps need to be made by a **fully qualified electrician** as per Matelec Controller Instructions.
- 9. Now follow the Matelec HydroSTART Pump Controller quick start guide in its entirety. The Matelec HydroSTART Controller provided allows the pump station to operate in many ways depending on the user's needs. Below are the recommended settings for the pump station to function as intended:

Current	Sensing:
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Pump	El Code	Amp per pump	Range (High - DIP switch 4 = On) (Low – DIP switch 4 = Off)
Lil Rippa 100	82173	5A	Low
Lil Rippa 150	82174	7A	High
Zoeller 88	82170	3.8A	Low
Zoeller 222	82172	5.2A	Low
Zoeller 223	82171	8.5A	High
Zoeller 2702	82175	10A	High

#### DIP Switch Configuration:

DIP Switch No.	Position
1	OFF
2	OFF
3	OFF
4	AS PER ABOVE TABLE
5	ON
6	OFF = STORMWATER & ON = SEWAGE
7	OFF
8	OFF

- 10. The ball valves on the pump station are shipped in the CLOSED position to prevent any foreign items from entering the system, ensure the valves are set to the OPEN position before operation.
- 11. Check over the entire system for any loose fittings, damaged pipework etc.
- 12. Screw down the lid using the provided screws ensuring the gasket remains correctly aligned and is providing a watertight seal for the system.
- 13. Complete the online commissioning form via the QR Code.



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### POSITIONING THE PUMP WELL:

1. Fit vent and discharge attachments as required

2. Using the lifting holes, carefully lower the pump well into the excavated hole, seating the base of the pump well into the sand bed.

3.Connect the 100mm drain pipe to the pump well.

#### BACKFILL:

- 1. Backfill around the pump well, compacting as you go, ensuring that the pump well remains level and the pipe work is not damaged.
- 2. In areas that are affected by high water tables, refer to Anchorage.
- 3. Use excess soil to build a bund above the pump well to divert stormwater away from the installation.

### ANCHORAGE:

In high water table areas additional anchorage is required to prevent the pump well moving. A square concrete slab 1.35m x 1.35m is required to the depth of the underside of the pump well flange (0.22m deep). Insert a N12 steel rod into tie down holes at the base of the pump well to secure the pump well to the concrete slab.

### FURTHER RECOMMENDATIONS FOR INSTALLATION:

Where the required depth to the pipe invert makes the Pump Well lower than normal, the Everhard Universal Riser (82224) can extend the access opening to surface level. Following the Universal Riser Installation Guide to secure the Riser to the Pump Well. Please consider serviceability when installing the riser to a pump station.

#### **IMPORTANT NOTES:**

"Pump Well" is a generic term for any vessel intended to temporarily store liquid before it is transferred by means of a pump to another location, perhaps for processing or long-term storage. The EVERHARD Polymer 600L Pump Well has been tested and found to comply with the Australian/New Zealand standard for vessels such as Septic Tanks and Collection Wells for use in domestic, and some other, situations.

It may be used to receive treated wastewater from a Septic tank for pumped discharge to a disposal area, or in applications where site conditions dictate that short-term accumulations of "All-waste", "Black-water" and/or "Greywater" (defined by AS/NZS 1546.1) wastes must be delivered to a treatment system by a suitable pump instead of free-flowing under gravity direct from the source. Installers MUST check with your local authority to ensure that this pump well and usage will be permitted in your area before beginning plans for any installation. The EVERHARD Pump well was designed for on-site treatment and disposal applications. It is tested for Standards Mark approval and does not carry WaterMark certification. Connection to sewer systems, and installation in sewered properties, may not be permitted by local authorities. The EVERHARD 600L Plastic Pump Well has a number of features which make it an obvious choice for many installations. It is light and easily handled and worked with, while also being durable and tough. Produced from a blend of polymer that has been stabilised against ultra-violet light degradation, its physical characteristics allow the product to exceed the required performance criteria for the applicable tests in AS/NZS 1546.1. EVERHARD Polymer Pump Wells are ideally matched for use with the range of EVERHARD Polymer Septic Tanks and Collection Wells, all produced in accordance with AS/NZS 1546.1.