

Groundwater & Stormwater disposal requirements

This fact sheet is for Greater Western Water (GWW) trade waste customers wishing to discharge groundwater and/or stormwater to sewer during a site construction phase.

Our Groundwater Policy

We have a policy to ensure:

- groundwater flows, intercepted by completed structures, are managed under our guiding operational principles
- hydraulic loads in the receiving sewer are maintained
- excessive flow-rates are avoided (surcharging can result in property and environmental damage).

Under this policy, groundwater connections are:

- only accepted by us during a construction phase
- **will not be accepted on a permanent basis.**

You will need to confirm acceptance of this policy during the application process.

Some alternatives for Groundwater disposal, post-construction

Options	How
Prevention	Construct a sealed basement which prevents groundwater seepage and thus removes the need for disposal.
On-site reuse	Diversion of groundwater to a fit-for-purpose reuse opportunity (e.g. toilet flushing).
Offsite disposal	Capturing groundwater seepage in a Holding Tank (or similar) and having it removed offsite by a third party waste treater.

Trade Waste requirements during construction phase

To apply for a Trade Waste Agreement, visit gww.com.au/apply

If you are anticipating groundwater during excavation, you will need to provide sample results with the application, outlined in the table on page 2.

For any issues Trade Waste Agreement, customers must comply with the conditions of that agreement, which may include:

- installing & maintaining suitable treatment (based on sample data)
- sampling the waste stream
- performing calibrations
- paying trade waste charges - more information via gww.com.au/chargesexplained
- any other requirements we deem appropriate for the site.

13/07/2021

How long will it take to have my Trade Waste Agreement approved?

We will respond to your application request within 10 business days (as per our Trade Waste Customer Charter requirements). So we can effectively process your application, please allow extra time for us to get all the relevant information

Connection to sewer

If the construction site doesn't have an existing connection to sewer, you will need to apply for one separately by contacting our connections departments via gww.com.au/propertyplus

This table outlines our requirements if you want to apply for a sewer connection:

Type of discharge	Sample data (pre-discharge)	Treatment (Minimum requirement)	Flow Measurement	Max Flow rate
Groundwater only OR Groundwater combined with Stormwater.	Scans: VOC, Metals, SAR Metals, Phenols & Cresols, PAHs, BTEX, TRH/TPH, Aromatic Hydrocarbons and PFAS. Parameters: Suspended Solids, TDS/iTDS, TKN, TN, BOD, Sulphide, Ammonia and TOS.	Suitably sized sedimentation tank. Additional treatment may be required depending on your ability to meet our Acceptance Criteria.	Electromagnetic Flowmeter.	2.0 Lt/sec
Stormwater ONLY.	You are not required to maintain a sampling program. However, GWW may request a sample from time-to-time for auditing purposes.	Suitably sized sedimentation tank.	Electromagnetic Flowmeter OR Agreed Volume (based on estimated rainfall and surface area of the site).	

If you have any questions about Groundwater & Stormwater disposal requirements, please contact GWW's Trade Waste Team on 9313 8366.

13/07/2021