

# Dewatering requirements

From time-to-time contractors will need to carry out dewatering activities within the City of Swan to carry out their works safely and effectively.

The City's preference when dewatering is that contractor's recharge dewatering effluent into groundwater within the property they are working on. If this is not possible, it may be required to dewater into the City's stormwater drainage system.

Any dewatering into the City of Swan's stormwater drainage system must be carried out in accordance with the environmental requirements of the project and in accordance with the following minimum City of Swan requirements.

- At a minimum, dewatering effluent must be processed through either a Limestone Dosing Unit or a Calcium Dosing Unit (whichever is more appropriate for the location and conditions) to remove silt and sediment and provide a PH neutral discharge effluent.
- Any dewatering effluent discharged into the City's stormwater drainage system must be tested and must be PH neutral and must be free from silt and sediment prior to discharge.
- Testing must be carried out regularly to ensure PH neutral effluent only is discharged and records must be maintained by the contractor.
  - o Records of this testing must also be provided to the City of Swan.
- Any dewatering effluent discharge must not cause any downstream stormwater drainage system issues, such as flooding or over capacity of the stormwater drainage system.
  - o Other controls may be required, such as silt fencing, hay bales or similar products to control flow and sediment.
  - o Regular monitoring and review by the contractor must occur to ensure this is the case.
- No dewatering pumps are permitted to run after hours without an approved 'Noise Management Plan' in place with the City of Swan.
  - o Dewatering pumps can cause significant concern to nearby residents when run overnight.
- Dewatering discharge effluent must be piped directly into the nearest stormwater pit or open drainage network and must not be discharged onto the verge, footpath, or road prior to flowing into a pit.
- The stormwater drainage system, road reserve and verge must be reinstated to the City's satisfaction at the completion of dewatering activities. For further information contact the City of Swan Asset Works Coordinator on 0407477556.