

Protect Your Sewage Treatment Plant (STP) from Weather Events

First and foremost, refer to the actions outlined in your Emergency Response Plan. After that, refer to the list below for some simple preparations to help you to provide continuity of service in the face of an impending weather event.

- ☐ Remove debris from the plant precinct.
- ☐ Discuss any potential you see for non-compliance with your supervisor and prepare an action plan.
- ☐ Consider implementing manual bypass mode &/or confirm automatic bypass mode operable.
- ☐ Inspect and clear inlet screens for blockages or breaches.
- ☐ For activated sludge STP's, consider dosing the plant with 1000-2000 mg/L of powdered Zeolite, Bentonite, Calon or Quartz Dust to reduce biomass washout.
- ☐ For trickle filter STP's, consider replacing the end caps from the filter arms with 90° elbows during peak flow, as it is preferable to have a small localised dilute discharge onto a wall or trickle filter ring or drain rather than peeling (sloughing off) all your filter biofilm due to high hydraulic load shear forces.

Handy tools & tips:

You will need:

A reliable high lumens torch & fresh batteries.
A "diver's" pen that will write in wet conditions.

Preparation:

Ensure mobile phones are charged.
Ensure all RT gear is in good working order.

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