

Protect Your Water Treatment Plant (WTP) 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.

- ☐ Hold adequate stock of treatment chemicals at site to allow for higher consumption or interruption.
- ☐ Remove debris from the plant precinct.
- ☐ Check in with other councils / organisations in your region to see where resources can be shared if necessary.
- ☐ Consider running the plant (on manual if necessary) to fully charge all reservoirs.
- ☐ Monitor raw water turbidity (maybe with some extra to normal samples from out in the catchment if possible, for maximum lead time before reaching the TP).
- ☐ Review historical records for target chemical dose settings which have worked best with similarly “bad” quality raw water.
- ☐ Backwash all filters in advance of anticipated raw water quality deterioration.
- ☐ Put plant into slow mode and prepare to double the chemical dose.
- ☐ Make sure your jar testing gear is operational & your people are trained and ready.

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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