This storm / flood management procedure is enacted for predicted storms e.g. the 1 in 100 year storm.

Weather Warning Flowchart

Consultation with NRW and Met Office (Will this be 1 in 100 Storm event).

→ **No**

Nominated person to monitor the weather and keep senior management team updated

↓ Yes

Enhanced checks of equipment to be done in anticipation of storm event. Leak detection (tanks, bunding, etc) These checks are to be carried out up to 48 hours in advance of the storm event.

Any equipment leaking?

→ **YES**

DO NOT OPEN FLOOD GATES. Emergency repairs to be carried out immediately (risk of polluting a river)

↓ No

Flood gates to be opened

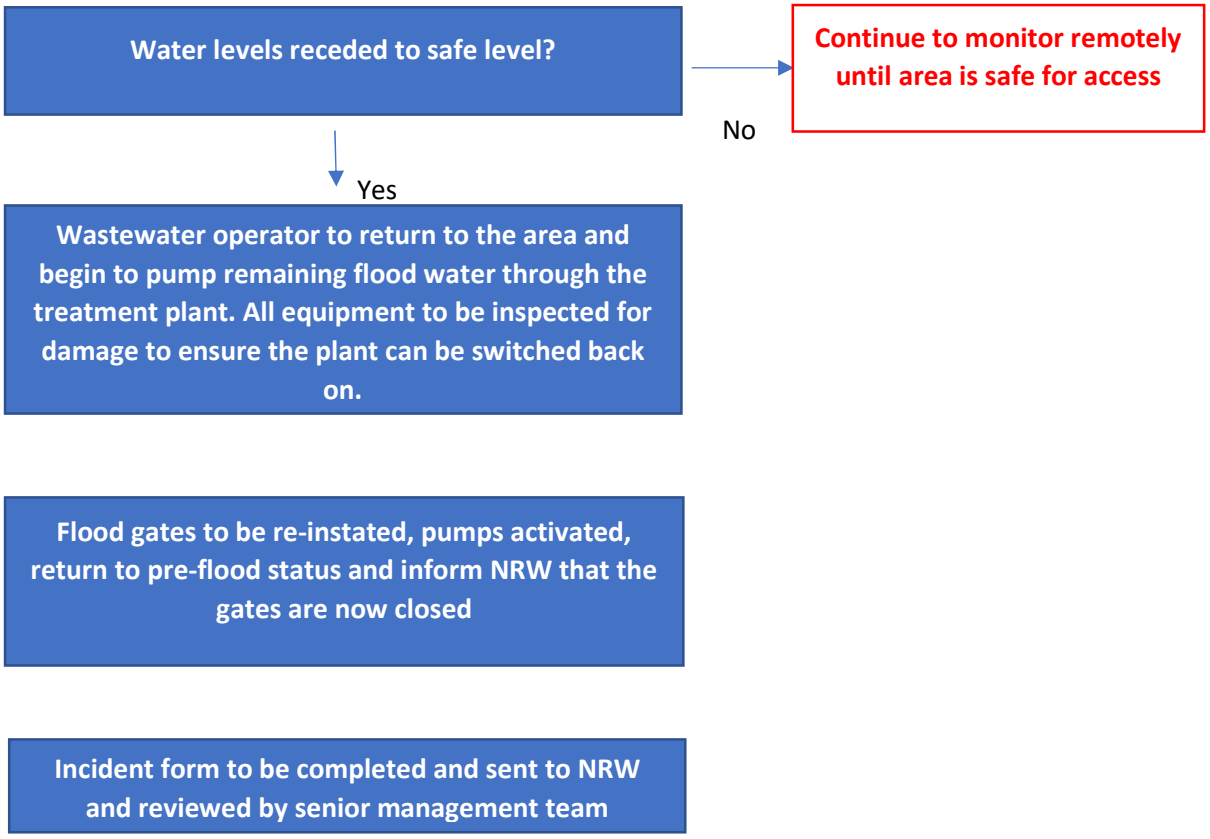
→ Flood gates to be opened 4-6 hours before event. So that all staff can leave the area safely.

NRW to be informed prior to opening the gates

All staff to leave the area due to safety concerns, and operate the plant remotely.

↓

All relevant equipment in the Wastewater treatment plant to be switched off. Water levels in the lagoon to be monitored to ensure flood water levels have not exceed pump level.

→ **Nominated person to continue monitoring weather situation and update NRW accordingly**

Post-Event Flowchart