

The Corporation of Delta
5 Stage Flood Management Plan
Trigger Points & Summary of Key Activities

Stage 1 – Notification of Flood Potential - Planning and Preparedness

- Confirm roles and responsibilities of staff, municipal departments & external support agencies
- Update Flood Response Plan & Emergency Contact List
- Update Evacuation Plan
- Update Livestock Evacuation Plan (including host locations and required resources) and update Livestock Inventory
- Plan for continuation/resumption of municipal services in the event of flooding
- Anticipate ESS support that may be needed and identify potential ESS reception centres to be activated
- Anticipate resource needs: generators, materials for sandbags and list of contractors to assist in the repair of damaged infrastructure
- Monitor/inspect diking system (8 hrs / 5 days / week)
- Initiate foreshore protection upgrading work and dike topping improvements on Westham Island, as required
- Anticipate need, plan and conduct public awareness sessions, as needed
- Maintain flood info on website
- Establish Flood Hotline

Stage 2 – 6.0 Meters on the Mission Gauge – Heightened Level of Readiness

- Escalate daily dike inspections (12 hrs / 7 days)
- Open Corporation's Emergency Operations Centre (EOC) and test for operational readiness (Level 1 status)
- Put EOC staff & critical agencies on standby & provide regular briefings (establish EOC staffing schedule)
- Put ESS Volunteers on standby
- Identify populations at risk (issue flood advisory)
- Identify farms at risk
- Assist BCAS and Fraser Health with evacuation plans of special health care facilities
- Position sandbags and heavy equipment
- Produce daily situation reports

Stage 3 – 7.0 Meters on the Mission Gauge

- Escalate dike monitoring to 24hrs/7days
- Escalate EOC activation to appropriate level
- EOC to determine need for flood alerts (to be issued via TV/radio, reader boards, door-to-door notifications)
- Initiate evacuation of special care facilities, as required
- Initiate livestock evacuation, as required
- Plan alternate transportation routes
- Activate ESS reception centres, as required

- Produce daily situation reports

Stage 4 – Flooding or dike failure

- Provide flood response services
- Issue sandbags and sand as needed, on a priority basis
- Monitor status of critical infrastructure
- Mitigate damage where possible
- Consult with Mayor & Council re need to declare State of Local Emergency and required powers (e.g., evacuation orders)
- Prepare necessary paperwork and notifications for declaration
- Conduct evacuations, as required
- Inspect flooded areas and determine extent of damage
- Monitor sites containing hazardous materials

Stage 5 – Recovery

- Remove debris and initiate cleanup
- Inspect and document damage
- Test water quality
- Inspect sewer and drainage pump stations
- Coordinate orderly return of residents, livestock, etc.
- Resume services disrupted by flood
- Coordinate long-term recovery services
- Coordinate Disaster Financial Service claims
- Prepare after-action report, including expenses incurred, recommendations for change, etc.
- Process paperwork for PEP regarding request for reimbursements