

## SEIS 3 Flow Management Protocol – 6 December 2019

*Note: This protocol is managed by the GM Water Delivery and they will involve and delegate to appropriate TI staff, as required, to deliver the objectives*

### 1. Normal Operation - There is no restriction on flow.

- a. This occurs when the storage volume in Rekuna Dam is above 135ML.
  - i. Information Provision:
    - 1. Volume - DPIPWE Water Portal (note this data refers to the previous 24 hours)

### 2. Alert Level - There is no restriction on flow.

- a. This occurs when the storage volume is less than 135ML but greater than 120ML.
  - i. Information Provision:
    - 1. Volume - DPIPWE Water Portal (note this data refers to the previous 24 hours)
    - 2. TI provide a weekly “Actual” usage and inflow summary (Monday)
    - 3. TI provide a weekly “Forecast” demand and inflow summary (Monday)
    - 4. TI to review and provide a “Status” of the current situation based on Actual & Forecast volumes (Monday)

### 3. Level 1 Restriction – 80% Flow Rate (12ML/day)

- a. This occurs when the storage volume is less than 120ML but greater than 95ML.
  - i. Information Provision:
    - 1. Volume - DPIPWE Water Portal (note this data refers to the previous 24 hours)
    - 2. TI provide a tri- weekly “Actual” usage and inflow summary (Monday, Wednesday & Friday)
    - 3. TI provide a rolling 7 day “Forecast” demand and inflow summary (Monday, Wednesday & Friday)
    - 4. TI to review and provide a “Status” of the current situation based on Actual & Forecast volumes (Monday, Wednesday & Friday)
  - ii. TI implements a “Watch & Act” protocol managed by GM Water Delivery

### 4. Level 2 Restriction – 50% Flow Rate (6ML/day)

- a. This occurs when the storage volume is less than 95ML.
  - i. Information Provision:
    - 1. Volume - DPIPWE Water Portal (note this data refers to the previous 24 hours)
    - 2. TI provide “Actual” daily usage and inflow summary (Monday-Friday, depending on situation, storage <50ML, may require Saturday & Sunday)
    - 3. TI provide a rolling 14 day “Forecast” demand and inflow summary (Monday-Friday, depending on situation, storage <50ML, may require Saturday & Sunday)
    - 4. TI to review and provide a “Status” of the current situation based on Actual & Forecast volumes (Monday-Friday, depending on situation, storage <50ML, may require Saturday & Sunday))
  - ii. TI to stand up Incident Management Team (IMT)

**5. Level 3 Restriction – Cease to Take**

- a. This occurs when the storage volume is less than 25ML and the TW inflows are less than the Level 2 Restriction.
  - i. Information Provision:
    1. Provided by the TI IMT
    2. Volume - DPIPWE Water Portal (note this data refers to the previous 24 hours)