



## CONTINGENCY PLAN Municipality of Machin

### Vermilion Bay Water Treatment & Distribution Systems

Page 1 of 1

- Problem:** **Low Chlorine Residual in the Distribution System**
- Contact Info:** Overall Responsible Operator (ORO)  
Operator-In-Charge (OIC)
- Procedures:**
1. A chlorine residual taken from the distribution system is considered to be low if the free chlorine residual is less than 0.20 mg/L.
  2. Immediately notify the ORO and OIC.
  3. Check clearwell chlorine residual at the water treatment plant. If the clearwell chlorine residual is low, refer to the contingency for Low Chlorine Residual in the Clearwell.
  4. Flush fire hydrants in the affected area of the distribution system until satisfactory chlorine residuals are achieved.
  5. Frequently monitor the chlorine residual in the affected area of the distribution system to verify that adequate chlorine residuals are being maintained.
  6. If at any time the chlorine residual falls below:
    - a) the minimum level required for primary disinfection in the treated water reservoir or,
    - b) a level of 0.05 mg/L in the distribution system,
- Issue a verbal and written report to the Ministry of Health (Health Officer), SAC and the Municipality of Machin.

