



CONTINGENCY PLAN Municipality of Machin

Machin 09-10

Vermilion Bay Water Treatment & Distribution Systems

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Problem: Watermain Break

Contact Info: Overall Responsible Operator (ORO)
Operator-In-Charge (OIC)

- Procedures:**
1. Notify the ORO and OIC.
 2. Notify Vermilion Bay Public Works and provide necessary assistance/supervision during repairs.
 3. Manipulate watermain isolation valves (upstream and downstream of the break) in order to reduce pressure at the watermain break. This will reduce the quantity of water lost and will allow for easier excavation and access to the break for repairs.

NOTE: Where possible, it is important to ensure that positive pressure is maintained in the watermain at all times. Where negative pressure is encountered, refer to ANSI/AWWA C651-99 (AWWA Standard for Disinfecting Water Mains), as amended, for proper methods of cleaning and disinfecting watermains before they are placed back into service.

4. Closely monitor the water level in the clearwell.
5. Notify the Vermilion Bay Fire Chief if any shortage of water supply or loss of pressure is expected.
6. If any water samples collected after repairs indicate that contaminant concentrations exceed drinking water standards, as determined by O. Reg. 169/03, refer to contingencies for the appropriate adverse water sample parameter.