



**Vermilion Bay Water Treatment & Distribution Systems**

**Problem:**                **Raw Water Transmission Main 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. Depending on Public Works availability and equipment, it may be necessary to use the services of a contractor (i.e. LTL Contracting in Thunder Bay).
  4. If the break is large enough to prevent the production of treated water, it may be possible to isolate the broken section of transmission main and run a temporary line over ground between the low lift pumphouse and the water treatment plant. If this is necessary, caution will need to be taken in the winter to prevent freezing (i.e. continuous flow may be required).
  5. Closely monitor the water level in the clearwell.
  6. Notify the Vermilion Bay Fire Chief if any shortage of water supply or loss of pressure is expected.
  7. 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.