



# DISTRIBUTION & COLLECTION OPERATIONAL REQUIREMENTS

DREW MACDONALD  
OPERATIONS ENGINEER

# ROLE OF DISTRIBUTION & COLLECTION AND OPERATOR IN CHARGE (OIC)

- Operation of all valves and hydrants
- Ensure adherence to disinfection and testing procedures prior to connection
- Witness all connections to the distribution system
- Attend watermain, forcemain, collection system breaks to determine steps to allow for reinstatement of service
- Review / Approve:
  - Temporary Water Supply (Bib) Systems (incl. temporary isolation, phasing & recommissioning)
  - Operational Contingency Plans for work on or near critical infrastructure





# D&C SUPERVISOR CONTACT INFORMATION

**Work Area:** Onaping, Levack, Dowling, Chelmsford,  
The Valley, Capreol

➤ *Jerry Cole x 3656 - [Jerry.Cole@greatersudbury.ca](mailto:Jerry.Cole@greatersudbury.ca)*

**Work Area:** Lively, Copper Cliff, Sudbury, Garson,  
Coniston, Wahnapiatae, Falconbridge

➤ *Roger Joannis x 3607 - [Roger.Joannis@greatersudbury.ca](mailto:Roger.Joannis@greatersudbury.ca)*

➤ *Darren Shannon x 3619 - [Darren.Shannon@greatersudbury.ca](mailto:Darren.Shannon@greatersudbury.ca)*

**Note: Minimum 48 hours' notice required for any site visits / inspections**



# WATERMAIN, FORCEMAIN OR COLLECTION SYSTEM BREAKS DURING CONSTRUCTION



- Plan and execute your work taking care to protect the existing distribution and collection systems
- If there is a watermain or collection system break within the construction zone, D&C should be called immediately to attend site
- City staff, under their operating licenses, have the sole discretion to determine what must occur to safely place the system back into service



# TEMPORARY CONSTRUCTION MEASURES

- TEMPORARY WATER SUPPLY (BIB) SYSTEMS (REF. GSSS 493)
  - Plans to be reviewed and approved by D&C
  - Field Tested and Certified RP Backflow Preventers
  - Include temporary measures to mitigate stagnant water (e.g. temporary caps c/w blow-offs)
  - System to remain in operation for duration of Construction (incl. final connections)
- OPERATIONAL CONTINGENCY PLANS
  - Required when working near critical infrastructure (e.g. Trunk Watermain)
  - Plans to be reviewed and approved by D&C
  - May require stocking of emergency repair parts and operational constraints (e.g. hydro-vac excavations)



THANK YOU AND  
HAVE A GREAT DAY!

