Montreal’s waste water treatment plant
Jean-R.-Marcotte operational technologies
November 4th 2018

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AGENDA
- Introduction
- Waste water treatment plant overview
- OT systems overview
- Operational dashboards
- Next steps
- Q&A
MONTREAL’S WASTE WATER TREATMENT PLANT

Waste water treatment plant overview
JEAN-R.-MARCOTTE OPERATIONAL TECHNOLOGIES
Montreal island sewer collection
Snow drop-off points

- Drop-off point
- Stop
- Vertical shaft
- Collection system
Hydraulic Physico-chemical treatment
Incineration
Ozonation

1- Ozone production
2- Oxygen production
3- Cooling systems
4- Ozone destruction
5- Ozone insertion
6- Ozone monitoring
**SERVICE DE L'EAU**

**JEAN-R.-MARCOTTE OPERATIONAL TECHNOLOGIES**

**ABB MOD300 DCS - Southern Interceptor**
JEAN-R.-MARCOTTE OPERATIONAL TECHNOLOGIES
IT/OT systems - ABB MOD300 DCS - Motor pump set
JEAN-R.-MARCOTTE OPERATIONAL TECHNOLOGIES
ABB MOD300 DCS - Incineration

727 Tags In Alarm

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D026, TRANSPORT DES GATEAUX

26. TRANSPORT DES GATEAUX

Montréal
Jeannot-r.-marcotte operational technologies
ABB MOD300 DCS - pellets
Central Station

Opérateur

CIDI Csoft

Radar

Télémétrie

Station locale

Régulation

Sondeur

Station locale

Régulation

Sondeur
Rain water gauges
Rain water gauges
Overflows
Overflows
River levels - St-Laurent and des Prairies
Operational dashboards
JEAN-R.-MARCOTTE OPERATIONAL TECHNOLOGIES
PI Notifications

Notification
mer. 3 oct. 11:41

Notifications@ville.montreal.qc.ca Subj:
Cidi - État du Cidi
03 October 2018, 11:41:23
Cidi - État du Cidi : NON DISPONIBLE
Next steps

- ABB DCS upgrade
- Operational geographic dashboard
- PI
- and more