

# ORES TRANSSHIPMENT CENTER

## IRON MINE



### MINING DRAINAGE TREATMENT

#### LOCATION

Côte-Nord, Quebec

#### COMMISSIONING

2014

#### DESCRIPTION

Physicochemical treatment of mining drainage water transshipment.

#### EQUIPMENT

- Grit removal system
- Coagulation-flocculation system
- Lamellar clarifier
- Filter-press dewatering
- High Density Sludge (HDS) process
- Instrumentation & Controls

#### SERVICES

- Design
- Commissioning
- Operation support
- Technical assistance

Parameter		Value	Unit
Maximum Flow		29 040	m <sup>3</sup> /d
SS	Influent	1 000 to 25 000	mg/L
	Required Effluent	<15	mg/L
	Actual Effluent	<1	mg/L

RBQ LICENCE: 2206-1089-23

# ORES TRANSSHIPMENT CENTER



## MINING DRAINAGE TREATMENT

### LOCATION

Port of Quebec

### COMMISSIONING

2016

### DESCRIPTION

Physico-chemical treatment for mining drainage process water of various mining products in the Port of Quebec.

### EQUIPMENT

- Catch basin
- Physico-chemical preparation
- Coagulation-flocculation system
- Lamellar clarifier
- Sludge thickener
- Instrumentation & Controls

### SERVICES

- Design
- Equipment supply
- Commissioning
- Technical assistance

Parameter	Value	Unit
<b>Maximum Flow</b>	20 000	m <sup>3</sup> /d
<b>SS</b>	Influent	100 to 10 000
	Required Effluent	<25
	Actual Effluent	<15

RBQ LICENCE: 2206-1089-23