

# Alberta Products System

## Alberta Products Pipeline Overview

### Edmonton Pump Station:

- receives finished products from the Imperial Oil, Shell and Petro Canada refineries
- products are shipped from the refineries to Calgary in gas and diesel envelopes
- each refinery has two booster pumps - one for gasoline, the other for diesel
- Edmonton pump station has two mainline pumps, each with a 1250 horsepower motor
- maximum flow rate is approximately 500 m<sup>3</sup>/hr.

### Leduc Booster Station:

- located at km post 41.9 on mainline
- one pump with a 1000 horsepower motor

### Wetaskiwin Booster Station:

- located at km post 76.2 on mainline
- two pumps each with a 1000 horsepower motor

### Morningside Pump Station:

- located at km post 120.8 on mainline
- one pump with a 1000 horsepower motor

### Red Deer Pump Station:

- located at km post 153.3 on mainline
- two pumps each with a 1000 horsepower motor

### Bowden Pump Station:

- located at km post 200.4 on mainline
- one pump with a 1000 horsepower motor

### Didsbury Pump Station:

- located at km post 229.9 on mainline
- two pumps, each with a 1000 horsepower motor

### Airdrie Pump Station:

- located at km post 272.6 on mainline
- one pump with a 1000 horsepower motor

### Calgary Airport Terminal:

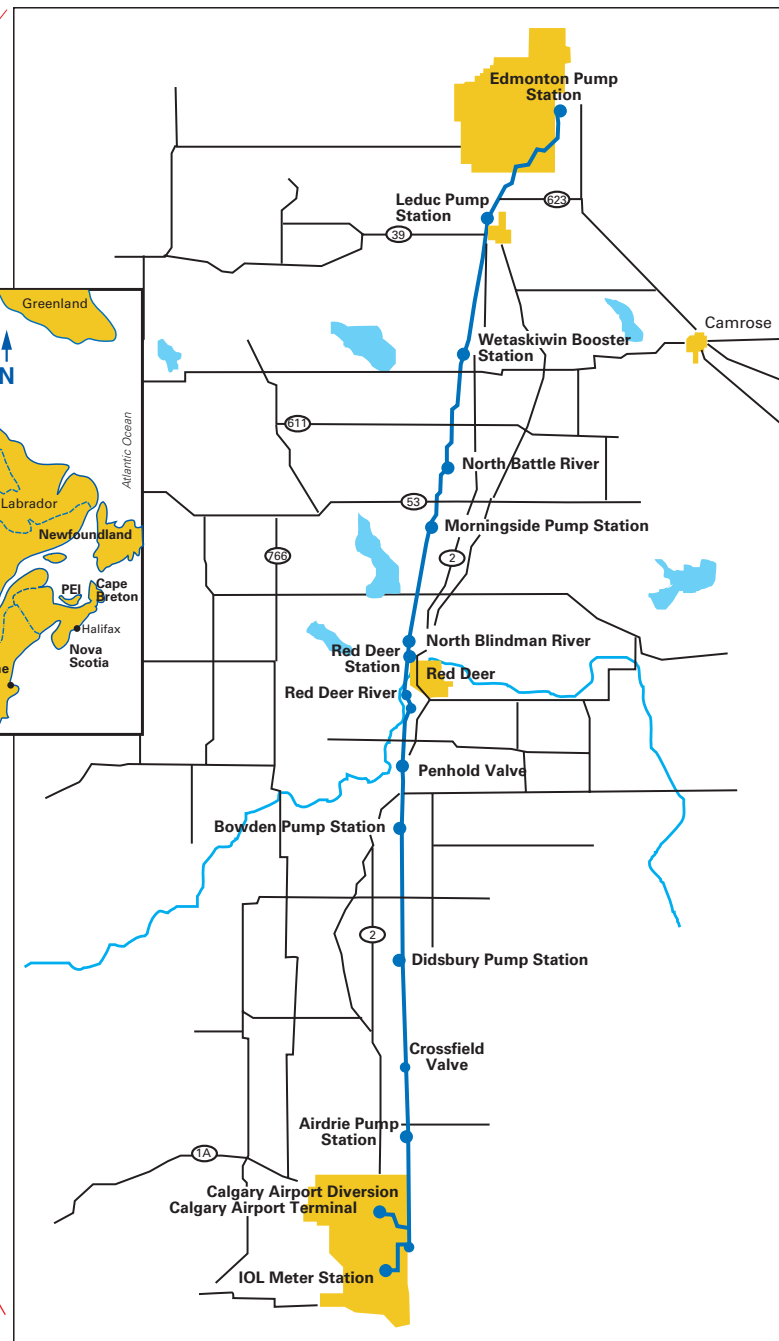
- located 10.5 km from km post 294.6 on mainline
- receives jet fuel from mainline into three jet fuel tanks
- supplies jet fuel to the international airport

### Calgary Mainline Diversion:

- equipped with a densitometer to monitor product interfaces
- motor operated valve used for line isolation

### Imperial Meter Station:

- located at km post 311.8 on mainline
- equipped with a densitometer to monitor product interfaces
- product is diverted to one of two terminals
- terminals are owned by Imperial Oil and Shell Canada
- tank swings and product movements are done from Calgary according to schedules and density monitoring



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## Alberta Products Pipeline (APPL)