

# TURN BY-PRODUCTS INTO PRODUCTS

A network of custom treating and water disposal facilities located in north and central Alberta.

## Services

### Class II Produced Water Disposal Well

Approved by the ERCB used for the injection or disposal of sweet or sour produced water (brine) or brine equivalent fluids and includes:

- Produced water associated with the production of oil, bitumen, gas or coalbed methane
- Brine from salt cavern or solution mining operations
- Water based pigging fluids from cleaning of collection and injection lines
- Brine reject from backwash from water softeners associated with enhanced recovery
- Water containing polymers or other chemicals for enhanced recovery
- Waste fluids from circulation during well cementing
- CaCl<sub>2</sub> water

### Crude Oil Emulsion Treatment (CT)

Customer produced and supplied oil emulsion is processed to recover the oil, dispose of produced water and prepare clean oil for Marketing pipelines or trucking services.

### Clean Oil Terminalling, Storage and Marketing

Clean and treated oil volumes are blended for density, sulphur and transferred to market. Playing an important role, Four Winds Midstream Solutions provides access to a network of marketing systems providing a value added component to the customer's bottom line.

## Acceptable Waste Streams

Produced Water or Brine Equivalent (WATER)

It is up to the producer / waste generator to characterize and classify their waste streams

## Locations and Services

### Eureka River

**Legal Site Description 12-05-86-05 W6M**

Custom Treating and Class II Disposal Facility

**Phone 1-888-FWMS (3967) ext 2**

Located north of Hines Creek (HWY 64) to HWY 730 (Eureka River Rd) north to Range Rd 55 and south 1km

Hrs. of Operation - Manned 7:00 AM to 7:00 PM, Call out 24 hours

### Silver Valley

**Legal Site Description 8-18-79-09 W6M**

Custom Treating (Class 1b Disposal Facility 2009)

**Phone 1-888-FWMS (3967) ext 3**

Located along highway 49 and .8 km north on Silver Valley Rd (Range Rd 95)

Hrs. of Operation - Manned 7:00 AM to 7:00 PM, Call out 24 hours

### Gordondale

**Legal Site Description 16-12-79-11 W6M**

Class II Disposal Facility (Class 1b pending approval)

**Phone 1-888-FWMS (3967) ext 1**

Located along Highway 49 – South Range Rd 110

Hrs. of Operation - Manned 7:00 AM to 7:00 PM, Call out 24 hours

## Strategic Location of Future Facilities

### Gold Creek

**Legal Site Description 16-32-69-05 W6M**

Class 1b Disposal Facility

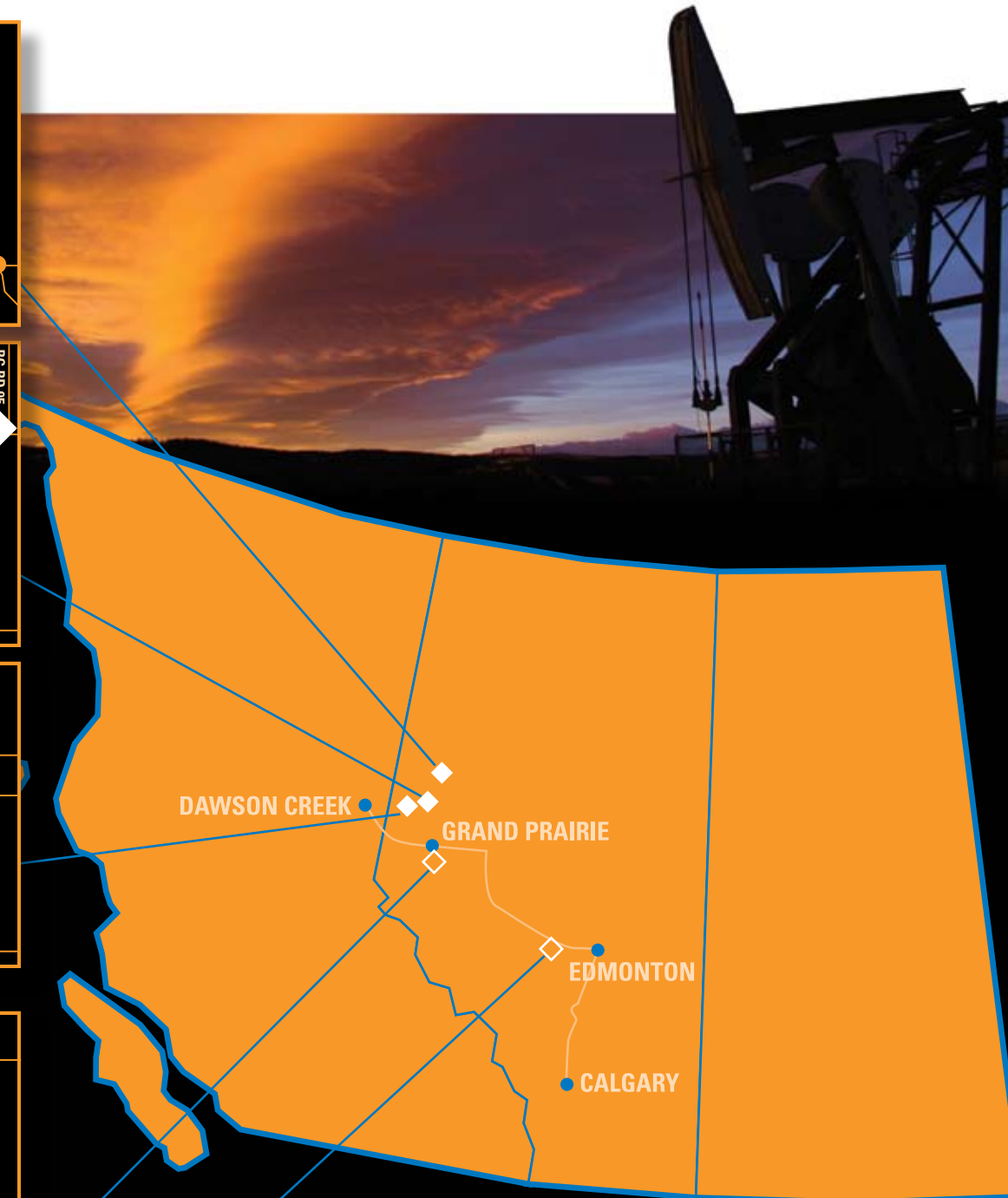
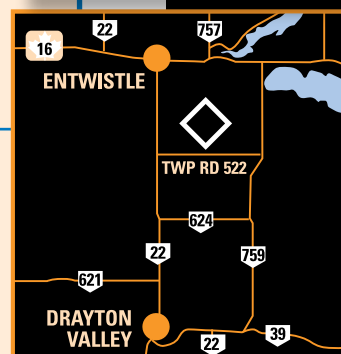
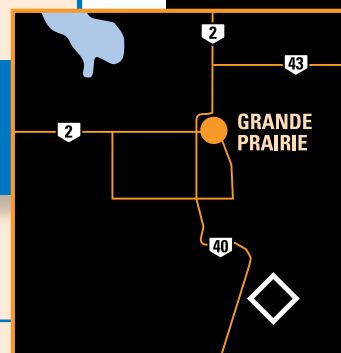
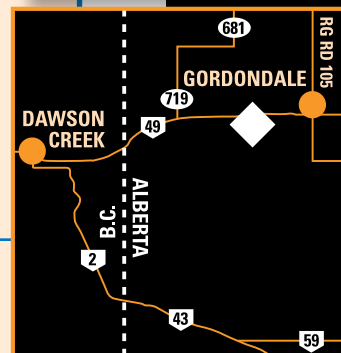
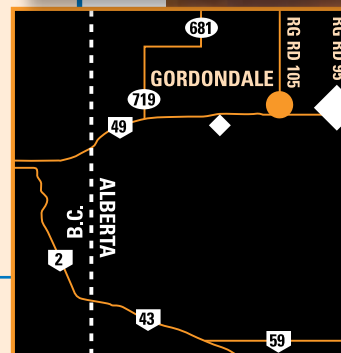
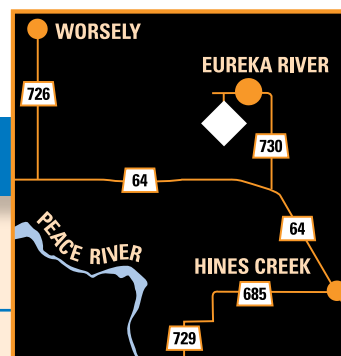
### Tomahawk

**Legal Site Description 8-19-52-6 W5M**

Custom Treating and Class 1b Disposal Facility

### Frontier Areas

Oil and Gas Producers will find Four Winds Midstream Solutions willing to provide quality service in new areas



**FOURWINDS**  
MIDSTREAM SOLUTIONS

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