

# **Community Presentation**

April 25\_26, 2019

## Agenda

- 1 Rebrand
- 2 Access Pipeline
- Alberta Carbon Trunk Line (ACTL)







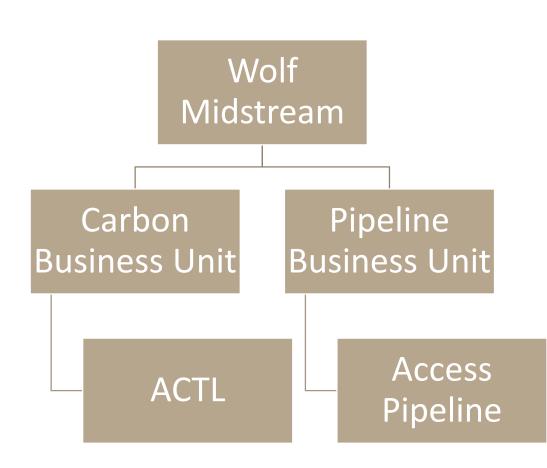


Responsibly Delivering Energy for Generations



#### Wolf Midstream

- Alberta Based Company
- Focused on investing in Western Canadian energy infrastructure
- Responsible owner, operator and developer of midstream infrastructure projects



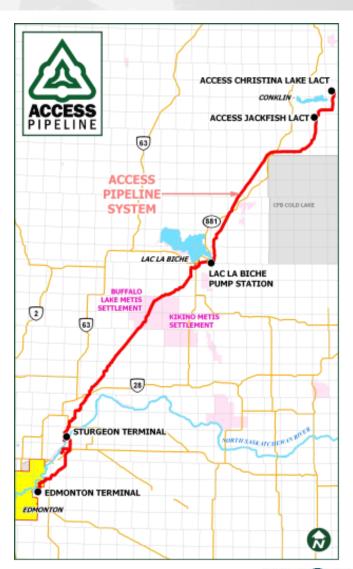


# Pipeline Business Unit (Access Pipeline System)



## **Access Pipeline System**

- Service Conklin area SAGD facilities
- 42"/30" Blend Pipeline
- 24" Diluent Pipeline
- Sturgeon Terminal
- Greater Edmonton Area Diluent
  Gathering System
- Operate Stonefell Terminal and Bruderheim Pipeline System





## **Access Pipeline History**

2007

Access Pipeline - In-Service

2014

Major pipeline expansion project complete

2016

Wolf Midstream acquired 50% ownership

2018

Wolf Midstream acquired the final 50%

2019

Rebranded under Wolf Midstream





#### **CEPA Member**

Uncompromising commitment to Health, Safety and the Environment.

CEPA members collaborate to continuously advance their operations in 10 key priority areas with a goal of zero incidents.

- EMERGENCY MANAGEMENT
- PIPELINE INTEGRITY
- DAMAGE PREVENTION
- CONTROL ROOM MANAGEMENT
- INDIGENOUS RELATIONS
- WATER PROTECTION
- ENVIRONMENTAL STEWARDSHIP
- SECURITY
- LAND USE & ACCESS
- MANAGEMENT SYSTEMS

https://cepa.com



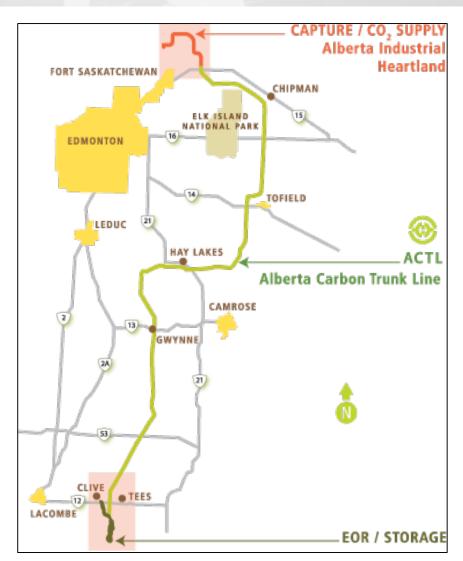


Carbon Business Unit - Alberta Carbon Trunk Line (ACTL)



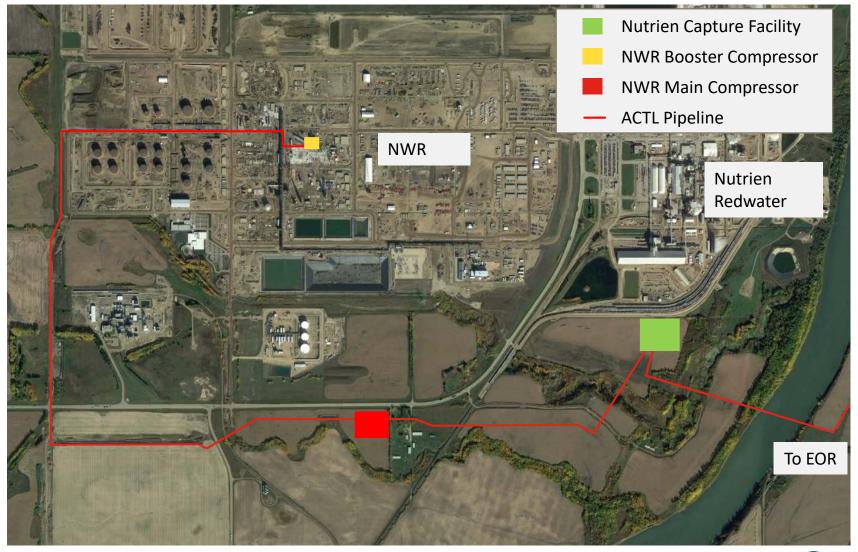
## The Alberta Carbon Trunk Line (ACTL)

- 240 km, high pressure 16"
  CO2
- Connects Alberta Industrial Heartland to oil reservoirs in the Lacombe area
- ACTL will be the largest capacity CO2 pipeline in the world once complete in 2020
- Pipeline will initially transport 4,400 tonnes/d with total capacity of 40,000 tonnes/d
- Open access CO2 pipeline





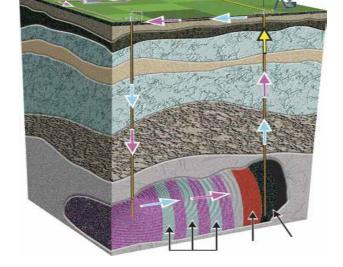
### Redwater Area Infrastructure





## Why is this Project Important?

- Supports improved environmental stewardship
  - ACTL, at capacity, will allow the removal of 14.6 million tons of CO2 per year
  - › Equal to approx. 2.6 million cars being removed from our roads
  - "without CCS as part of the solution meeting global climate goals will be practically impossible"
    - Dr. Fatih Birol, Executive Director, International Energy Agency
- In conjunction with EOR, carbon capture provides incremental production and extends the life of existing reservoirs
- Greater than \$500 million in capital investment.





## Project Status - Pipeline

- Construction started in October 2018
- Pipe manufactured and coated in Camrose
- Approx. 200 km of right of way has been cleared
- Approx. 100 km of pipe has already been backfilled
- North Saskatchewan River Crossing completed
- > 500,000 manhours to date







## **Project Status - Facilities**

### NWR Booster Compressor

Construction complete, in commissioning phase

## NWR Main Compressor and Nutrien Capture Facility

- Site clearing in progress
- Modules being completed in Calgary
- Construction commencing soon after site clearing
- Commissioning and start-up late 2019/Q1 2020

## **New Supply**

• Currently seeking new sources of CO2 supply in the Heartland area



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# Thank you

