

# EAPUOC

EDMONTON AREA PIPELINE AND  
UTILITY OPERATORS' COMMITTEE



# People & Pipelines

Partners in Safety

Oil & Gas Multi-Party Advisory Committee

June 15, 2009

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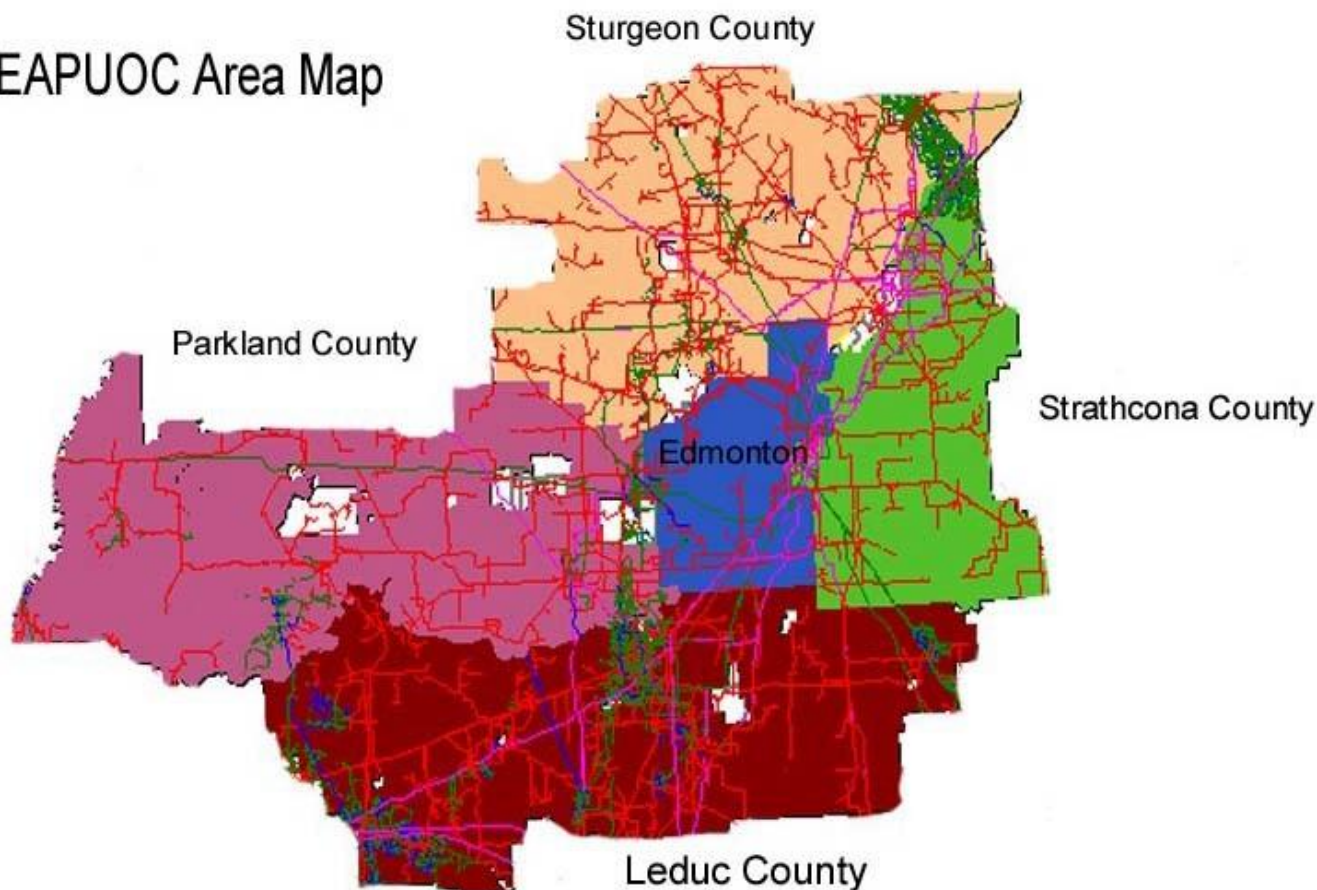
- EAPUOC formed in 1979
- More than 30 members
- Operate pipelines and other buried facilities in the area

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## Map of Area

EAPUOC Area Map



- Pipeline operations
  - 24 hours
  - Advanced technology, monitors the line and alerts operators to problems
  - Regular inspections and routine maintenance

- Pipeline Types
  - Low Pressure Lines
  - High Pressure Lines
    - Low Vapour Pressure
      - Pressures at 700 kpa (101.5 psi) or less
    - High Vapour Pressure

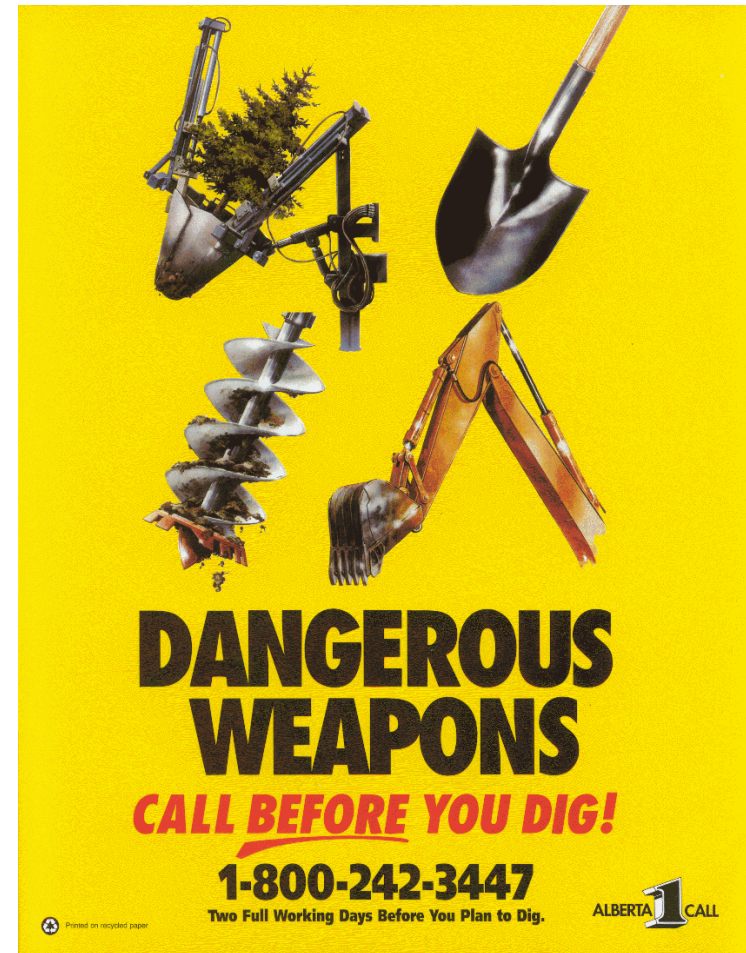
## Pipeline products

- Crude oil
- Natural gas
- Propane
- Butane
- Condensate
- Gasoline
- Diesel fuel
- Jet fuel



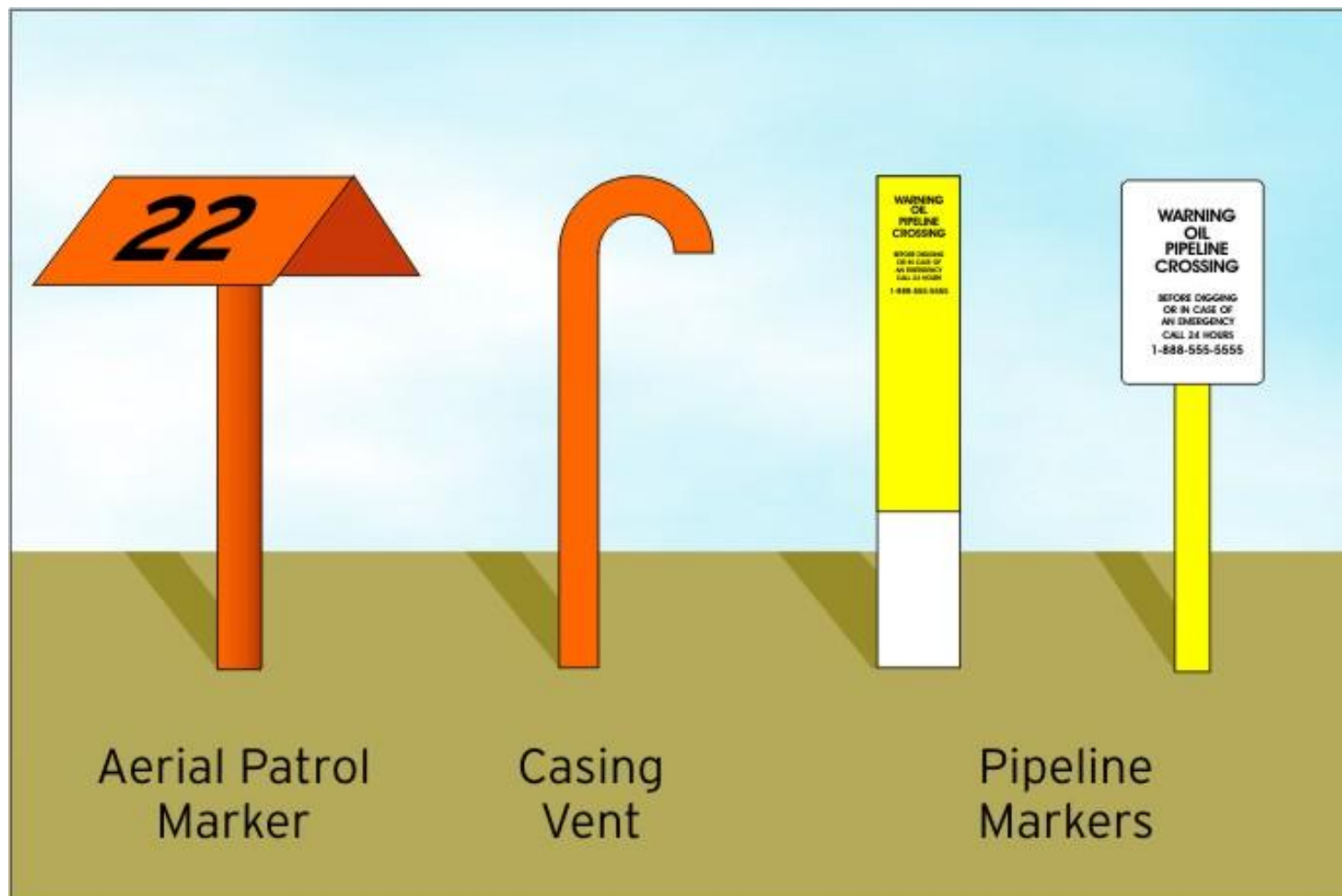
## Preventative Measures

- Aerial & Land Surveillance
- Leak Detection systems
- Cathodic Protection
- Annual Cathodic Protection Survey
- Internal Inspections
- Crossing Control
- Right of Way Management
- Community Awareness Programs
- Alberta One Call
- Pipeline Right of Way Signs
- Emergency Response Plans



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## ***Before*** you dig...

- Alberta One-Call 1-800-242-3447
- 1-800-Dig-Shaw

## ***Emergency...***

Pipeline Marker Signs - 24 hour number  
or "9-1-1"



- Call BEFORE:
  - Digging
  - Deep plowing
  - Post-hole digging
  - Construction
  - or any other activity that disturbs the ground
  - When in doubt CALL



Good planning goes a long way...

- Appropriate development (low population density) near pipelines,
- Preserve rights of way and 30 metre safety zones on either side
- Maximize safety of people

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- Examples of existing residential subdivisions
- Both new and old developments
- Development issues
  - level of risk
  - maintenance
  - surveillance



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- Incorporation of right of ways into the overall sub-division planning process
- Conflicting government regulations
  - Municipalities Act
  - Pipelines Act
  - NEB Regulations
  - Local By-laws
  - Setbacks



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- Pipelines exist in your communities
- As pipeline operators we are committed to the communities in which we operate
- We want to work with you to ensure a safe, prosperous place to live and work

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- We all have a part to do in maintaining a safe pipeline operation
- CALL BEFORE YOU DIG
- Be aware, take care