

# Trans-Alaska Pipeline System

## ENERGY LANDMARK

**800 MILES LONG**

Longest oil pipeline in Alaska



Among the **LARGEST** diameter **PIPES** in the U.S.

**18 BILLION BARRELS**

have travelled through TAPS

**LONGEST** Oil Pipeline **RIGHT-OF-WAY** in Alaska

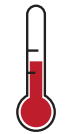
## ENGINEERING MARVEL



**420 MILES** above ground



Designed to withstand earthquakes **5.5-8.5** based on USGS Seismic Zones



**Hot Pipe**  
Kept above freezing to keep water and wax in suspension



**380 MILES** below ground



Designed to move  
Minor potential faults: 2ft lateral, 2 ft vertical  
Major Denali Fault: 20ft lateral, 5 ft vertical

**2 PIG Types**

- ⚙️ Cleaning PIG
- 🔍 Inspection PIG

**Traverses:**

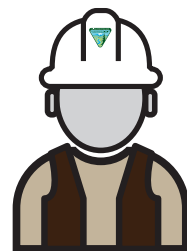
- 3 mountain ranges
- 3 major earthquake faults
- 13 pipeline bridges
- 44 road crossings
- 800 Water bodies

**75%** Passes through permafrost terrain

**178** Mainline Valves

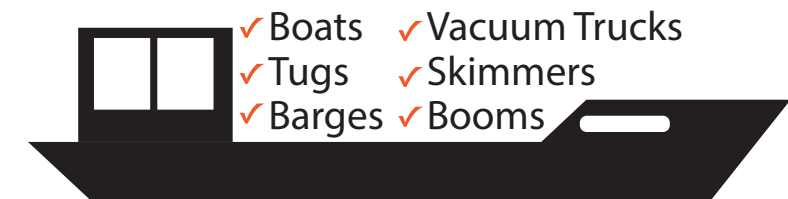
**579** Animal Crossings are incorporated into TAPS

## PREVENTION, PLANNING, PREPAREDNESS, RESPONSE



As part of the Joint Pipeline Office, the BLM monitors the training and inspects equipment for spill response.

**150 pig runs** per year on average  
**WEEKLY** Full length of pipeline is cleaned



**223** Containment sites at the ready



Pipeline monitored

**24/7**

## SUCCESS IN PARTNERSHIP

The BLM manages the Agreement and Grant of Right-of-Way for the Trans-Alaska Pipeline System and Related Facilities

## PIPELINE LAND OWNERSHIP BY LENGTH



**11** **AGENCIES**

- Alaska Department of Environmental Conservation
- Alaska Department of Fish and Game
- Alaska Department of Labor & Workforce Development
- Alaska Department of Natural Resources
- Alaska State Fire Marshal
- Bureau of Land Management
- Environmental Protection Agency
- Occupational Safety and Health Administration
- Pipeline and Hazardous Materials Safety Administration
- Transportation Security Administration
- U.S. Coast Guard

working in cooperation with Alyeska Pipeline Service Company for over 40 years

