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

7.5 Richter Zone

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

8.0 Richter Zone

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

7.0 Richter Zone

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

75% Passes through permafrost terrain

178 Mainline Valves

579 Animal Crossings incorporated into TAPS

PREVENTION, PLANNING, PREPAREDNESS, RESPONSE

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

150 pig runs per year on average

Full length of pipeline is cleaned

SUCCESS IN PARTNERSHIP

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

PIECELINE LAND OWNERSHIP BY LENGTH

<table>
<thead>
<tr>
<th>Federal Government</th>
<th>State of Alaska</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>376 mi</td>
<td>344 mi</td>
<td>80 mi</td>
</tr>
</tbody>
</table>

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

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

Boats ✓ Vacuum Trucks ✓
Tugs ✓ Skimmers ✓
Barges ✓ Booms ✓
Pipeline monitored 24/7

223 Containment sites at the ready