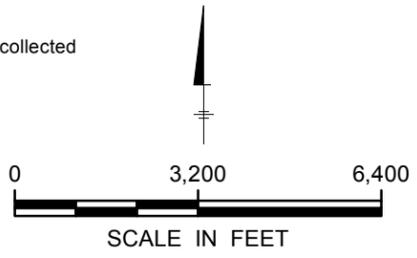


- LEGEND:**
- | | |
|--|--|
| ▲ Private Well | ▲ Not Detected |
| ▲ Point-of-entry treatment system sample collected | ▲ 2.8 - 100 µg/L |
| ▲ Initial Result from First Quarter 2015 | ▲ 100 - 1,000 µg/L |
| ● Initial Result from Second Quarter 2015 | |
| North Pole City Boundary | |
| FHRA Property Boundary | |

Notes:
 -Sulfolane dataset displays the most recent sample collected
 -Sample results span the time period between Fourth Quarter 2009 and Second Quarter 2015
 -Private wells PW-1228, PW-1442, PW-1456, PW-1934, and PW-2203 are not shown in the current extent, but have resulted in sulfolane concentrations below the reporting limit
 -Image provided courtesy of Pictometry International 2012



FLINT HILLS RESOURCES ALASKA, LLC
 NORTH POLE TERMINAL, NORTH POLE, ALASKA
**FIRST SEMIANNUAL 2015 OFFSITE
 GROUNDWATER MONITORING REPORT**

**PRIVATE WELL
 SULFOLANE RESULTS**

ARCADIS

FIGURE
3-1