

LEGEND:

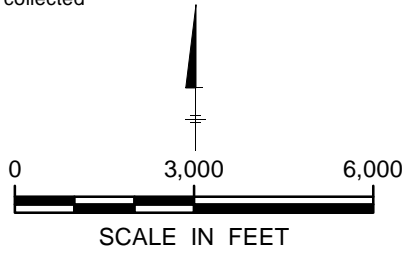
Private Well Sulfolane Results

- ▲ Not Detected
- ▲ 3.1 µg/L - 10 µg/L (J-flagged)
- ▲ 10µg/L - 14 µg/L
- ▲ 14µg/L - 100 µg/L
- ▲ 100µg/L - 500 µg/L
- ▲ Greater than 500 µg/L

- ▲ Point-of-entry treatment system sample collected
- ★ Municipal Wells
- ▭ 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 Third Quarter 2013
 Image provided courtesy of Pictometry International 2012



FLINT HILLS RESOURCES ALASKA, LLC
 NORTH POLE REFINERY, NORTH POLE, ALASKA
**THIRD QUARTER 2013
 GROUNDWATER MONITORING REPORT**

**PRIVATE WELL SEARCH AREAS
 AND SULFOLANE RESULTS**