

LEGEND:

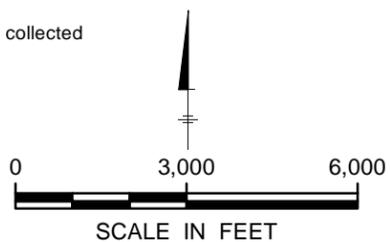
Private Well Sulfolane Results

- ▲ Not Detected
- ▲ 3.1 - 100 µg/L
- ▲ 100 - 1,000 µg/L
- ▲ > 1,000 µg/L

- △ Private Well
- ▲ Point-of-entry treatment system sample collected
- ✳ Municipal Wells
- Initial Result from Fourth Quarter 2013
- ▭ 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 Fourth Quarter 2013
 *Includes results between 3.14 and 10 µg/L that are J-flagged
 Image provided courtesy of Pictometry International 2012



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

**PRIVATE WELL SEARCH AREAS
 AND SULFOLANE RESULTS**



FIGURE

3-1