

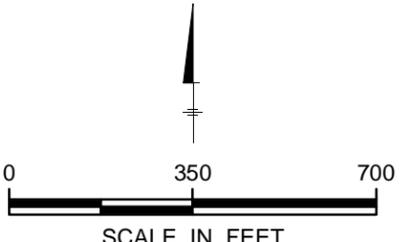
Notes:
 < = Not detected; Detection limit is listed
 J = Estimated concentration detected below the laboratory limit of quantitation (LOQ); flag applied by laboratory.
 J* = Estimated concentration due to quality control (QC) failures; flag applied by Shannon & Wilson, Inc.
 JL* = Estimated concentration, biased low, due to QC failures; flag applied by Shannon & Wilson, Inc.
 ND = Not Detected
 µg/L = micrograms per liter
 -Contours are generally based on first quarter 2017 results and include some historical data where a first quarter sample was not collected
 -Only monitoring wells scheduled for sampling per Table 3-4 of the Long Term Monitoring Plan - 2016 Update are shown on the figure.
 -Image provided courtesy of Pictometry International 2012

Legend

- Monitoring Well
- Observation Well
- Recovery Well
- Vertical Profile Transect Well
- Approximate Sulfolane Isoleth in µg/L at Water Table
- FHRA Property Boundary

Sulfolane Results

- Not Detected
- 3.14 - 100 µg/L
- 100 - 1,000 µg/L
- >1,000 µg/L
- Well Dry/Frozen



FLINT HILLS RESOURCES ALASKA, LLC
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**FIRST SEMI ANNUAL 2017 ONSITE
 GROUNDWATER MONITORING REPORT**
**FIRST QUARTER 2017 ONSITE SULFOLANE
 GROUNDWATER ANALYTICAL RESULTS -
 WATER TABLE**

FIGURE
3-9