



Notes:
 ND = Not Detected
 J = Estimated concentration, detected above the detection limit (DL) and below the limit of quantitation (LOQ)
 J* = Result is considered an estimate, no bias; flag applied by Shannon Wilson, Inc. based on analytical quality control issues
 µg/L = micrograms per liter
 -Only monitoring wells and private wells regardless of depth scheduled for sampling per the Offsite Groundwater Sulfolane Plume Monitoring Plan are shown on this figure.
 -Contours are generally based on Annual 2019 results. Contours include some historical data where an Annual 2019 sample had not been collected.
 -For locations with duplicate sample results, the highest result is shown.
 -The ND contour on this figure may be different from the individual suprapermafrost and subpermafrost ND contours, due to detections in private wells not designated as either suprapermafrost and subpermafrost.
 -The lower end of the blue color coding range is based on the method detection limit.
 -May 2015 ESRI Cloud Imagery

Legend

- Monitoring Well
- Point-of-entry treatment system sample collected
- Private Well
- Initial Detection
- Approximate Sulfolane Isoleth Regardless of Depth
- Inferred Suprapermafrost and Subpermafrost Mixing Zone
- Property Boundary

Private Well Sulfolane Results

- Not Detected
- 1.0 - Less Than 20 µg/L
- 20 - 100 µg/L
- 100 - 200 µg/L
- 200 - 300 µg/L
- 300 - 400 µg/L
- Greater than 400 µg/L

Monitoring Well Sulfolane Results

- Not Detected
- 3.1 - Less Than 20 µg/L
- 20 - 100 µg/L
- 100 - 200 µg/L

MW-153A-15 Monitoring Well Location ID

- 128 Sulfolane Concentration (µg/L)
- < Not detected: detection limit listed

0 2,500 5,000
 SCALE IN FEET

NORTH POLE TERMINAL, NORTH POLE, ALASKA

ANNUAL 2019 OFFSITE PLUME MONITORING REPORT

ANNUAL 2019 APPROXIMATE EXTENT OF SULFOLANE IMPACTS

FIGURE 3-1

ARCADIS