



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention, Preparedness, and Response Program

SITUATION REPORT



Kaktovik Tank KAK-70 ULSD Release

SITREP # 4

SPILL #: 17399900901

TIME/DATE OF DISTRIBUTION: 2:00 p.m., January 23, 2017

POTENTIAL RESPONSIBLE PARTY (PRP): North Slope Borough (NSB)

INCIDENT LOCATION: 4th Street, Kaktovik, Alaska (Lat/Long: 70.126559, -143.618159)

TIME/DATE OF SPILL: The spill was discovered on January 9, 2017 following a storm event, when a local North Slope Borough (NSB) supervisor attempted to fill equipment from the pump house at 2:15 p.m. The NSB verbally reported the discovery of the spill to the Alaska Department of Environmental Conservation (ADEC) at 3:20 p.m. on January 9, 2017.

TYPE/AMOUNT OF PRODUCT SPILLED: The product released was ultra-low sulfur diesel (ULSD), which was spilled from an aboveground storage tank with a total capacity of 5,000 gallons. Currently, the spill volume is unknown and being assessed. The tank, located on a gravel pad, was last filled on December 22, 2016. Based on fuel records, the NSB estimates that at the time of the release the tank contained approximately 4,000 gallons of ULSD, which represents the maximum potential spill volume.

CAUSE OF SPILL: The fuel line that connects the 5,000 gallon tank to a pump house broke following a strong winter storm event. The NSB and ADEC are investigating the cause of the line break, which is currently unknown.

SOURCE CONTROL: The spill from the fuel line break had ceased by the time of discovery on January 9, 2017.

RESPONSE ACTION: Response efforts are being coordinated between the NSB, ADEC and the United States Coast Guard (USCG) through a Unified Command. Six NSB response contractors are currently onsite working to establish staging areas, site access, and to further delineate contaminated material. The spill site is covered by snow and ice, which serves to limit the spread of oil and protect the underlying surface until cleanup can occur. All snow push piles around the community, created during road snow removal activities, have been screened for potential ULSD pollution by field personnel, 15 piles were found to have diesel contamination. All contaminated snow piles have been marked with dye, and fenced off from the public. All contaminated snow will be moved to lined, containment cells to be melted and treated as soon as practicable. Construction of the cells will begin today. Limited flights to Kaktovik delayed the arrival of necessary equipment for the construction of the cells until January, 22, 2017. No injuries have been reported.

No impacts to Harold Kaveolook School or other public facilities have been reported at this time.

Representatives from NSB, ADEC and USCG hosted a Town Hall Meeting in Kaktovik on January 21, 2017 to provide information and address questions or concerns the community may have regarding the release and clean-up. Additionally, three public service announcements were posted to the community requesting that

members of the public avoid snow piles created during previous road clearing activities as they may potentially be contaminated with ULSD.

One ADEC pollution responder is currently on scene to coordinate response tactics, monitor spill response actions and investigate the cause of the release.

RESOURCES AFFECTED: Resources affected include the gravel pad, adjacent roadways and ditches. Preliminary screening by responders indicate ULSD may have migrated outside of the original release footprint as a result of wind drifting and snow removal activities prior to the identification of the release. Potentially affected areas include **private property**, snow covered tundra and Kaktovik Lagoon.

No impacts to wildlife or archeological sites have been reported. Wildlife hazing permits and hazing personnel have been activated to further deter and protect wildlife.

FUTURE PLANS AND RECOMMENDATIONS: The NSB spill response contractors will continue further spill delineation, containment and continued cleanup operations. Containment efforts will include **the removal and transport of contaminated snow push piles from around the community to lined containment cells** to mitigate further impact and spread of the ULSD.

WEATHER: Current weather conditions are overcast with temperatures of -20°F and winds from the ESE at 15 to 20 mph, with wind chill feels like -41 °F. Tonight overcast with lows of -20°F and winds from the E at 25 to 35 mph. Tomorrow clouds are expected with a high of -14 °F and low of -19 °F, winds are expected from the E at 15 to 25 mph. There is a 20% chance of snow through tomorrow.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Ian Stroud, NSB
SOSC: Tom DeRuyter, ADEC
FOOSC-R: Fae Bailey, USCG
Field SOSC: Paul Lhotka, ADEC

TIME/DATE OF THE NEXT REPORT DISTRIBUTION: As the situation warrants.

FOR ADDITIONAL INFORMATION CONTACT: Tom DeRuyter (907) 451-2145

This SITREP and additional photos will be available at the following website:

http://www.dec.alaska.gov/spar/perp/response/sr_active.htm



Photo showing response contractors offloading additional response equipment in Kaktovik on January 22, 2017.
(Photo/ADEC)

AGENCY/STAKEHOLDER NOTIFICATION LIST: Please refer to the first SITREP distributed January 10 2017 for the agency/stakeholder notification list. The link to the first SITREP can be found in the Additional Information box above.