



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention and Emergency Response Program
SITUATION REPORT



CHANGES FROM PREVIOUS SITREPS ARE DENOTED IN RED

Kotzebue 483 8th Ave. HHO Spill

SITREP # 3 and Final

SPILL #: 14389904101

TIME/DATE OF DISTRIBUTION: 3:00 p.m. July 14, 2014

POTENTIAL RESPONSIBLE PARTY (PRP): Kikiktagruk Inupiat Corporation (KIC), property owner

INCIDENT LOCATION: 483 8th Avenue, Kotzebue

TIME/DATE OF SPILL: KIC employees discovered the spill at 9:45 a.m. on February 10, 2014. KIC reported the spill to ADEC at 1:45 p.m. on February 10, 2014.

TYPE/AMOUNT OF PRODUCT SPILLED: The spilled product is home heating oil (#1 diesel). KIC reported that the 947-gallon-capacity above-ground storage tank was last filled on January 20, 2014, with approximately 118 gallons remaining when the spill was discovered on February 10, 2014. After researching fuel delivery records, the estimated spill volume is 350-400 gallons.

CAUSE OF SPILL: Above-freezing temperatures in mid-January caused snow and ice to fall off an adjacent garage roof, completely separating the fuel supply line from an oil-fired furnace located in the garage. Force from the snow and ice landing on the ½ inch black iron fuel pipe attached to the residence caused a threaded connection to completely fail from its fitting.

SOURCE CONTROL: The damaged section of the fuel line has been removed from service.

RESPONSE ACTION: During the initial response effort, KIC employees worked to achieve source control, recover pooled oil in the vicinity of the source, delineate the affected area, and installed an interception trench along the shoreline to hinder the spilled product from entering the saltwater lagoon.

Prior to spring breakup, KIC employees together with environmental consultant Restoration Science Engineering, LLC (RSE) installed eight recovery sumps. During spring breakup, a water treatment system was installed to treat oily water recovered from the sumps. As of July 7, 2014, three barrels of spilled diesel have been recovered from the sumps. KIC will continue to monitor the sump operations and will monitor the Kotzebue Lagoon daily for any evidence of sheen. They will provide ADEC will a weekly report on these operations.

RESOURCES AFFECTED: At this time, no evidence of spilled product has been observed in the Kotzebue Lagoon. During the initial response effort, RSE field personnel collected water samples from the lagoon and laboratory

analysis show no evidence of hydrocarbons. No affected wildlife have been observed since the spill was discovered.

FUTURE PLANS AND RECOMMENDATIONS: KIC will continue to operate the recovery sumps/water treatment system and will selectively remove affected gravel from the spill area. KIC is evaluating the potential to use flood and recovery tactics. This tactic will be developed and executed as appropriate to site conditions.

WEATHER: Today: Cloudy early, then off and on rain showers for the afternoon; highs near 50°F; west-southwest winds at 20 to 30 mph. Tomorrow: Occasional light rain; highs around 50°F; south-west winds at 15 to 25 mph.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: **Larry Daniels, KIC**

SOSC: Tom DeRuyter, ADEC

FOSC: Captain Paul Mahler, USCG

TIME/DATE OF THE NEXT REPORT DISTRIBUTION: This is the final report.

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

http://dec.alaska.gov/spar/perp/response/sum_fy14/140210301/140210301_index.htm



Spill area with recovery sumps and water treatment system (RSE photo)

AGENCY/STAKEHOLDER NOTIFICATION LIST:

Please refer to the first sitrep distributed February 11, 2014 for the agency/stakeholder notification list. The link to the first sitrep can be found in the **Additional Information** box above.