

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

SITUATION REPORT

INCIDENT NAME: Crowley Aniak Containment

SITREP #: 2 and Final

SPILL NUMBER: 11279906701

LEDGER CODE: 14241060

TIME/DATE OF SPILL: The spill is estimated to have taken place between 1:45 PM on March 7, 2011, and 11:35 AM on March 8, 2011, when it was discovered. O'Brien's Response Management reported the spill to ADEC on behalf of the responsible party at 1:00 PM on March 8, 2011.

TIME/DATE OF SITUATION REPORT: 2:30 PM on March 15, 2011

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

TYPE/AMOUNT OF PRODUCT SPILLED: The Responsible Party (RP) initially estimated that 23,000 gallons of Jet-A fuel had been released. Subsequent estimates by the RP reduced that quantity to slightly less than 7,000 gallons. The discrepancy is attributed to faulty initial tank gauging observations by tank farm staff. Reportedly, the release has been wholly contained within a lined tank farm secondary containment.

LOCATION: Crowley Petroleum Services' (Crowley) Aniak Lower Tank Farm, approximately 2 miles southwest of the village of Aniak. Aniak is on the Kuskokwim River, approximately 90 nautical miles northeast of Bethel.

CAUSE OF SPILL: Crowley staff found a valve on a 220,000 gallon bulk fuel tank partially open. Subsequent investigation determined that the release was caused by a combination of the failure to fully close the tank valve, and the concurrent failure of a check valve on a fuel line.

RESPONSIBLE PARTY: Crowley Petroleum Services, Seattle, WA

RESPONSE ACTION: An ADEC spill responder from Bethel travelled to the spill site on March 11, 2011, to investigate the release and to provide cleanup guidance. The responder found no evidence that any of the fuel had escaped from the tank farm secondary containment. A response contractor has recovered approximately half of the released fuel by pumping the free liquid into an empty tank. The remaining fuel is absorbed in the large mass of snow within the secondary containment. This fuel will be collected over an extended period as it drains into sumps cut into the ice covering the bottom of the tank farm. ADEC will continue to monitor the cleanup and inspect the tank farm to ensure that the recovery work is properly completed.

SOURCE CONTROL: Crowley staff closed the partially-open valve on the bulk tank.

RESOURCES AFFECTED: The release is reportedly contained within an oil-impermeable liner in the tank farm. There has been no reported resource impact outside of the tank farm. The tank farm is located approximately 50 yards south of the Kuskokwim River.

FUTURE PLANS AND RECOMMENDATIONS: Complete the cleanup in the tank farm, ascertain the integrity of the tank farm liner, and investigate whether any fuel escaped the secondary containment.

WEATHER: Today, partly sunny, highs 10 to 20, north wind to 15 mph.
Tonight, partly cloudy, lows zero to 10 above, north wind 10 to 15 mph.
Wednesday, mostly sunny, highs 15 to 25, north wind 10 to 15 mph.
Wednesday night, clear, lows 5 to 10 above, north wind 10 to 15 mph.
Thursday, mostly sunny, highs 15 to 20, variable wind to 10 mph.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Brandon Leary, Crowley Petroleum Services
S.O.S.C.: John Brown, ADEC
Field S.O.S.C.: Bob Carlson, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Bob Carlson, ADEC Bethel, 907-543-3215

AGENCY/STAKEHOLDER NOTIFICATION LIST

This situation report has been distributed to the following agencies and stakeholders. This report was also distributed to the various agency staff listed on the standard distribution list. The receiving agencies listed in the standard distribution list include: the Governor's office, Senator Begich's office, ADF&G, ADNDR, SECC, USEPA, USDOJ, NMFS, USFWS, and USFS.

AGENCY/STAKEHOLDER	NAME	Sent Via		Telephone	Facsimile
USCG-MSO/ANC	USCG-Office	Fax		271-6700	271-6751
USEPA	Bob Whittier	Email	whittier.robert@epa.gov	271-3247	271-3424
Mayor of Aniak	Thomas Brock	Fax		675-4481	675-4486
Kuskokwim Native Association	Calvin Simeon	Fax		675-4384	675-4387
The Kuskokwim Corporation	Maver Carey	Fax		675-4275	675-4276
Village of Aniak	Wayne Morgan	Email	wmorgan@kuspuk.org	675-4349	675-4513
Senate C/ Angoon	Albert Kookesh	Fax		465-3473	465-2827
House 6/ McGrath	Alan Dick	Fax		465-4527	465-2197



Crowley Aniak Lower Tank Farm fuel recovery operation. The large white vertical tank in the background was the spill source. Recovered fuel is being pumped into the silver horizontal tank on the far left.
Photo by Bob Carlson, ADEC, 3/11/2011.