

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

SITUATION REPORT

INCIDENT NAME: Adak Petroleum Diesel Spill

SITREP #: 7

SPILL NUMBER: 10259901101

LEDGER CODE: 14282760

TIME/DATE OF SPILL: Adak Petroleum staff discovered fuel in the Adak small boat harbor at approximately 3:50 PM on January 11, 2010. Adak Petroleum reported the spill to ADEC at 6:27 PM on January 11, 2010.

TIME/DATE OF SITUATION REPORT: 2:00 PM on February 12, 2010

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

TYPE/AMOUNT OF PRODUCT SPILLED: The product spilled was #2 diesel fuel. Adak Petroleum initially estimated that up to 3,400 barrels (142,800 gallons) of fuel were released from a 114,000-barrel (4.8 million gallons) capacity storage tank as it was being filled from the tank ship *Al Amerat*. Based on January 11 visual observations, Adak Petroleum estimated that 1,000 gallons of fuel entered the small boat harbor. Efforts are ongoing to determine an accurate spill volume.

LOCATION: Adak Petroleum bulk fuel facility, Adak Island, Aleutian Islands. Adak is approximately 1,200 miles southwest of Anchorage. Adak is in the Hawaii-Aleutian time zone, one hour earlier than Anchorage.

CAUSE OF SPILL: The spill occurred as fuel was being pumped to underground storage tank N-7 in the Helmet Creek Tank Farm from the *Al Amerat*, moored at the fuel pier in Sweeper Cove. Fuel escaped from tank N-7 into secondary containment surrounding the tank, from which valves were open to a drainage system leading to Helmet Creek. The fuel overwhelmed the system's oil/water separator, resulting in a fuel release to Helmet Creek and the small boat harbor at its terminus. The spill appears to have been caused by tank N-7 being overfilled, but the exact route of the fuel from the tank to the drainage system is still under investigation.

POTENTIAL RESPONSIBLE PARTY (PRP): Aleut Enterprise, LLC (of which Adak Petroleum, LLC is a subsidiary)

RESPONSE ACTION: On January 26, 2010, ADEC approved an environmental monitoring plan to be in effect from that date to February 28, 2010. The plan calls for round-the-clock hourly monitoring of nine locations at the tank farm, Helmet Creek, and the small boat harbor to ensure that any fuel re-mobilized to water is located and cleaned up. Response crews began implementing the plan on schedule, except monitoring of upper Helmet Creek was prohibited due to the presence of unexploded ordnance. The ordnance was removed on February 6 by US Army explosives experts, but adverse weather has prevented consistent monitoring and further cleanup of the upper creek. Within the next two weeks, ADEC and Aleut Enterprise will review monitoring data to determine whether monitoring and cleanup should continue beyond February 28.

Containment boom and absorbents remain in place at several locations in Helmet Creek and at its outfall in the small boat harbor. Crews have continued to recover minor amounts of sheen, emulsified fuel, and contaminated debris from collection points in the creek and the small boat harbor. As of yesterday, February 11, six response contractor personnel are in Adak conducting monitoring and cleanup. The last ADEC responder departed Adak on February 4.

ADEC also approved a waste management plan on January 26 allowing used absorbents and other response-generated solid waste to be burned in Adak using portable incinerators. Incineration of solid waste stockpiled since the beginning of the response was completed on February 9. Additional solid waste generated by ongoing cleanup will also be stockpiled temporarily, then incinerated in Adak. Oil-contaminated water continues to be stored in tank N-1 pending completion of recovery efforts. To date, Aleut Enterprise has reported recovering approximately 147 barrels (6,174 gallons) of fuel.

ADEC has requested that Aleut Enterprises submit a release investigation plan describing work needed to determine the extent of soil and groundwater contamination in the vicinity of tank N-7. The plan is due mid-March.

SOURCE CONTROL: The flow of spilled fuel into Helmet Creek was stopped and the fluid level in tank N-7 stabilized. Responders continue to monitor for any additional release.

RESOURCES AFFECTED: Helmet Creek and marine waters of Sweeper Cove. Shoreline in the small boat harbor was oiled. The former Adak Army and Naval Operations Base is a National Historic Landmark. Helmet Creek and Happy Valley Creek, which flow into the small boat harbor, are listed as anadromous streams in the Alaska Department of Fish and Game's stream inventory.

WILDLIFE: Bird sightings have been reported in the area of the spill. Wildlife hazing will be implemented if necessary.

COMMUNITY: The Unified Command held a community meeting on Thursday, January 14, 2010, to address questions and concerns that residents had regarding impacts of the spill and ongoing response efforts.

FUTURE PLANS AND RECOMMENDATIONS: Continue to implement the monitoring plan, complete necessary cleanup, and decontaminate response equipment. Complete determination of the total amount of fuel released to the environment and quantify the volume of fuel recovered during the response once cleanup is finished.

WEATHER: Today: snow showers, highs in the lower 30s F, northwest wind 25 to 35 mph. This weekend: chance of snow, highs in the 30s F, west wind to 20 mph.

PERSONNEL:

Incident Commander: Rudy Tsukada (Aleut Enterprise, LLC)
S.O.S.C.: Gary Folley (ADEC)

FOR ADDITIONAL INFORMATION CONTACT: John Brown, ADEC, (907) 269-7688
Gary Folley, ADEC, (907) 262-5210 x234

Photographs and other spill information are available at:

http://www.dec.state.ak.us/spar/perp/response/sum_fy10/100111201/100111201_index.htm

AGENCY/STAKEHOLDER NOTIFICATION LIST

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

AGENCY/STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
USCG Sector Anchorage	USCG Anchorage Office	Fax		271-6700	271-6751
EPA	Carl Lautenberger	Fax		271-3616	271-6340
Adak Port of Operations	Port Director	Fax		592-0185	592-0184
City of Adak		Fax		592-4513	592-4262
Native Village of Atka		Fax		839-2229	839-2269
Aleutian Pribilof Islands Association	Community Services Department	Fax		276-2700	279-4351
Aleut Corporation/ Anchorage Office		Fax		561-4300	563-4328
House 37/Dillingham	Bryce Edgmon	Fax	Anchorage 5/16 - 1/09 Juneau 1/10 - 5/15	269-0275 465-4451	269-0274 465-3445
Senate S/Bethel	Lyman Hoffman	Fax	Bethel/Juneau	465-4453	465-4523



Portable Smart-Ash incinerators burning response-generated solid waste. Photo ADEC/Neil Huddleston