



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

SITUATION REPORT



Kuparuk Pad 1B Hard Line Leak

SITREP # 1

SPILL #: 14399934901

TIME/DATE OF DISTRIBUTION: 5:00pm December 15, 2014

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska Inc. (CPAI)

INCIDENT LOCATION: Kuparuk River Unit, Drill Site 1B

TIME/DATE OF SPILL: A release from a 2 inch hard line union on a line running between the ball mill injection facility and the injection well was discovered at 4:00 a.m. and was called in to CPAI Security at 6:09 a.m. on December 15, 2014. CPAI reported the spill to ADEC at 9:22 a.m.

TYPE/AMOUNT OF PRODUCT SPILLED: CPAI estimates that approximately 85 barrels (3,570 gallons) of a drilling mud, brine, and diesel mixture was released.

CAUSE OF SPILL: During normal operations a gasket along a 2 inch hard line on Pad 1B failed and released a mixture of drilling mud, brine, and diesel to gravel pad and a closed reserve pit. An area of approximately 3,000-4,000 square feet was impacted by the release.

SOURCE CONTROL: The ball mill injection facility was shut down and the hard line isolated stopping the release. The failed gasket was identified and repaired. The line was inspected to insure there were no additional leaks.

RESPONSE ACTION: Approximately one half of the drilling mud, brine, and diesel mixture spilled to a gravel pad and the other half to the closed reserve pit. The spilled material has frozen and is not spreading. Alaska Clean Seas (ACS) responded to the release for CPAI and is delineating the spill area. Some material from the gravel pad has been recovered using a loader and two truck loads have been taken to the Drill Site 1H waste storage cell for subsequent disposal.

The closed reserve pit contains snow and ice in it and the ice thickness has been profiled to insure it can support heavy equipment operations. Results indicate it is thick enough to support only individuals and skid steer operations. No loaders will be used in the reserve pit. Bobcats with trimmers will be used to recover the contaminated material for disposal.

ADEC has one responder on site to oversee cleanup operations.

RESOURCES AFFECTED: Snow covered gravel pad and a closed reserve pit have been affected. There have been no reports of wildlife impacts.

FUTURE PLANS AND RECOMMENDATIONS: Before additional work can be done to recover material from the gravel pad an electrical cable tray along the pad will need to be de-energized. Once the wires are de-energized, cleanup work involving heavy equipment on the gravel pad will continue which may include trimmer operations.

To address material spilled to the reserve pit a snow ramp will be built from the pad surface into the closed reserve pit so that workers and equipment may access the area. Once the reserve pit can be reached, skid steers will be used to remove contaminated material.

Piping and other infrastructure along the gravel pad and reserve pit have also impacted by the release. Hand tools will be used to recover material from these locations.

ADEC will continue to monitor the response actions and review necessary plans.

WEATHER: Tonight: Cloudy conditions, lows of -15°F; wind from the west at 7 mph. Tomorrow: Partly cloudy with highs of -4°F and lows of -5°F.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Ty Maxey, CPAI

SOSC: Tom DeRuyter, ADEC

FOSC: Matt Carlson, EPA

Field SOSC: Paul Lhotka, ADEC

TIME/DATE OF THE NEXT REPORT DISTRIBUTION: As conditions warrant

FOR ADDITIONAL INFORMATION CONTACT: Ashley Adamczak (907)451-2124



Release point from hard line, December 15, 2014. (Photo by Paul Lhotka/ADEC)

AGENCY/STAKEHOLDER NOTIFICATION LIST: This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor’s office, Senator Begich’s office, State Emergency Operations Center, U.S. Department of the Interior, National Marine Fisheries Service, U.S. Fish and Wildlife Service, and other state agencies. This situation report was also distributed to the following agencies and stakeholders:

NORTH SLOPE (Prudhoe Bay, Deadhorse, Point Hope, Point Lay, Wainwright, Barrow, Atqasuk, Nuiqsut, Kaktovik, Anaktuvuk Pass)

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
ConocoPhillips Alaska Inc.	Jim Short	Email	N1037@conocophillips.com	322-1122	
Senate T- Nome	Donny Olson	Email	Senator.Donny.Olson@akleg.gov	465-3707	
House 40- Nuiqsut	Benjamin Nageak	Fax	Kotzebue 5/16-1/09 Juneau 1/10-5/15	465-4833 or (800) 782-4833	465-2827
AOGCC		Fax			276-7542
ADF&G	Al Ott/Jack Winters	Email	al.ott@alaska.gov jack.winters@alaska.gov	459-7285 or 459-7279	
USCG Sector Anchorage	USCG Anchorage Office	Fax		428-4100	428-4218
US EPA	Bob Whittier	Fax/Email	Whittier.robort@epa.gov	271-3616	271-3424

Attorney General Office	Steve Mulder	Email	Steve.mulder@alaska.gov	451-2811 or 269-5100	
Senator Murkowski's Washington DC Office	Chief of Staff	Fax	North Slope only	(202) 224-6665	(202) 224- 5301
Senator Murkowski's Fairbanks Office		Fax	North Slope only	456-0233	451-7146
North Slope Borough	Charlotte E. Brower	Fax	Mayor	852-0200	852-6279
North Slope Borough	Rhoda Ahmaogak	Email	Planning Director rhoda.ahmaogak@north-slope.org	852-0440	
Native Village of Nuiqsut	Margaret Pardue	Email	Native.village@astacalaska.net	907-480-3010	