



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

BPXA L-1 Test-Header Pipeline Leak

SITREP #: 3 and Final

SPILL #: 11399919701

TIME/DATE OF DISTRIBUTION: 3:00 p.m. February 12, 2013

POTENTIAL RESPONSIBLE PARTY (PRP): BP Exploration Alaska (BPXA)

INCIDENT LOCATION: Lisburne Production Facility, Drill Site L-1, Prudhoe Bay

TIME/DATE OF SPILL: BPXA subcontractor employees discovered a spill of methanol and produced fluids (60/40) at the Lisburne Production Facility at 03:28 a.m. on July 16, 2011. The spill was reported to the Alaska State Troopers at 04:05 a.m. Alaska State Troopers reported the spill to the Alaska Department of Environmental Conservation at 04:15 a.m.

TYPE/AMOUNT OF PRODUCT SPILLED: BPXA estimated 1,764 gallons of 60/40 methanol/produced fluid blend were released from the eight inch pipeline. An undetermined amount of crude oil was contained in the produced fluids. The fluids released onto the gravel pad and onto the wet-sedge tundra.

CAUSE OF SPILL: During the Lisburne Production Center annual shut-in, an eight-inch test-header pipeline, with a 100 barrel potential capacity, released in an underground section at a roadway crossing at the L-1 drill site. The pipeline failed in a structural casing sleeve, releasing fluids from each end. The pipeline failure occurred during a leak test intended to check newly-installed valves. The pipeline pressure reached 949 psi and then failed. The fluids released vertically onto the gravel drill pad and horizontally onto the tundra.

SOURCE CONTROL: The L-1 drill site operator responded to the incident by opening one of the blocked valves, which removed the pressure on the pipeline fluids. The pipeline valves remained closed during the underground pipeline excavation.

RESPONSE ACTION: Responders installed absorbent and shore-seal boom around the tundra, and then used repeated water flush and recovery tactics to remove the methanol and produced fluids. The low pressure, ambient temperature, fresh water flush tactic allowed the oil to float and reduced the methanol and brine salt concentration. Vacuum trucks were used after the water flush to recover the liquids within the containment area. Soil and aqueous field screening samples and a suite of quantitative analytical samples were collected to confirm the effectiveness of the removal tactics.

Gravel affected by the release was mechanically excavated from the drill pad and hauled to an approved grind and inject facility. Passive wildlife hazing tactics were employed during the recovery operations.

BPXA submitted a tundra rehabilitation plan in April 2012. By the end of the third growing season (2014), the total live cover of indigenous vascular plants in the treated area is expected to reach approximately 50% of that found in similar tundra along the edge of the pad.

BPXA redesigned the pipeline at the road crossing, eliminating some of the 90-degree elbows and changing the pipe profile to elevate the pipeline above water level. Installation of the newly fabricated pipeline segment should be completed in spring, 2013. The test header pipeline has remained out of service.

RESOURCES AFFECTED: Approximately 2,100 square foot of the tundra plant community was impacted by the methanol/produced fluid release and by the subsequent cleanup activities. There were no reported wildlife impacts.

FUTURE PLANS AND RECOMMENDATIONS: ADEC will continue to monitor the tundra restoration.

WEATHER: Today: Calm, -22° F, partly cloudy.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Jeff Clopton, Onshore Site Manager, BPXA Lisburne Production Center
SOSC: Tom DeRuyter, ADEC

Time/Date of the Next Report Distribution: This is the final Situation Report.

FOR ADDITIONAL INFORMATION CONTACT: John Ebel, ADEC (907) 451-2102

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:

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
AOGCC		Fax			276-7542
ADF&G	Al Ott/Jack Winters	Email	al.ott@alaska.gov jack.winters@alaska.gov	459-7285 or 459-7279	
Attorney General Office	Cam Leonard/ Steve Mulder	Email	Cam.leonard@alaska.gov Steve.mulder@alaska.gov	451-2811 or 269-5100	
Senator Murkowski's Washington DC Office	Chief of Staff	Fax		(202) 224-6665	(202) 224-5301
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Lisburne Production Center L-1, eight inch test header pipeline – above ground crossing. (ADEC Photo)