

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

**SITUATION REPORT**

**INCIDENT NAME:** GC-2 Tank 8511 Spill

**SITREP #:** 3

**SPILL NUMBER:** 06399935301

**LEDGER CODE:** 14164360

**TIME/DATE OF SPILL:** The spill was discovered at approximately 10:00 AM on December 19, 2006 and reported to ADEC by BPXA at 10:25 AM. The individual reporting the spill described the release as a spray of water from the lower portion of the tank.

**TIME/DATE OF SITUATION REPORT:** 12:00 PM on December 21, 2006

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

**TYPE/AMOUNT OF PRODUCT SPILLED:** Produced water and crude oil, unknown amount.

**LOCATION:** Prudhoe Bay, Western Operating Area, Gathering Center 2 (GC-2)

**CAUSE OF SPILL:** Leak from tank 8511 or associated piping. The exact location is unknown at this time.

**POTENTIAL RESPONSIBLE PARTY (PRP):** BPXA

**RESPONSE ACTION:** Produced water continues to spill into secondary containment from the tank/piping area. Currently, there are four responders on site and three vacuum trucks on-scene. BPXA continues to respond to the spill on a 24-hour basis. Vacuum trucks have removed and metered a total of 4,711 barrels (197,862 gallons) of produced water from the secondary containment sump. Water samples have been collected from the containment area to quantify the oil content.

Yesterday morning, BPXA implemented a plan to limit oil contamination into the secondary containment area. This plan controls the tank fluid levels and minimizes the amount of floating oil that reaches the leak point. BPXA is using a valve at the 1'1" level to control the tank volumes and maintain the oil/water interface above the leak. The spill source is below the 1'1" level. Fresh water is being introduced into the tank to raise the level to the 3' 4" tank level indicator. The fluids are then drained from the valve (1'1" level) and the process was repeated to maximize oil removal. One final skimming operation is planned for this morning.

The oil is being skimmed into a large open-top tank called a Spicer tank. As of this morning, a total of 1,028 barrels (43,176 gallons) of a crude oil/produced water mixture was skimmed from the tank. Of that volume, 150 barrels (6,300 gallons) was crude oil. Approximately 1938 barrels (81,396 gallons) of fresh water has been pumped into the tank.

Vacuum trucks are reported to be keeping up with the spill and removing the fluids as they accumulate. The recovered fluid is to be recycled at GC-2 after being metered to establish the volume.

Two ADEC responders are on site.

**SOURCE CONTROL:** The spill from the tank is uncontrolled at this time. The spill is to a lined secondary containment. One small breach has been confirmed and the integrity of this containment area is to be further investigated. BPXA has reported that the fluid within the containment has been lowered to below this liner breach. This should eliminate further release from the secondary containment.

**RESOURCES AFFECTED:** Gravel pad. BPXA has estimated that one to two gallons of produced water flowed through the hole in the containment liner to the gravel pad. BPXA has not reported any impacts to tundra.

**FUTURE PLANS AND RECOMMENDATIONS:** Continue to remove produced water from the containment area, empty the tank, investigate the cause of the release, determine the integrity of the liner, determine total spill volume, and impacts to pad and/or tundra.

**WEATHER:** -15 degrees F, 13 mph winds resulting in a wind chill of -38 degrees F.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Jeff Spitler (BPXA)  
 F.O.S.C. : Carl Lautenberger (EPA)  
 S.O.S.C. : Tom DeRuyter (ADEC)

**FOR ADDITIONAL INFORMATION CONTACT:** Amanda Stark 451-2175 or Leslie Pearson 269-7543.

## **AGENCY/STAKEHOLDER NOTIFICATION LIST**

This sitrep has been distributed via email to the Governor's office, Senator Stevens' office, ADF&G, ADNR, SECC, USEPA, USDOJ, NMFS, USFWS, USFS and NOAA in addition to the following.

STATE AGENCY	NAME	SENT VIA	ADDITIONAL INFO	TELEPHONE	FAX
ADNR	Leon Lynch/ Gary Schultz/ Larry Byrne	Fax		451-2724/ 451-2732	451-2751 or 659-2965
ADNR (Habitat)	Al Ott/Jack Winters	Fax		459-7285 or 459- 7279	456-3091
ADF&G	Todd Nichols	Fax		459-7363	456-2259
AOGCC		Fax			276-7542
Attorney General Office	Breck Tostevin	Email		269-5100	278-7022
Attorney General Office	Cam Leonard	Fax		451-2811/451- 2914	451-2985
<b>Legislature</b>					
Legislator (Senate T)	Donnie Olson (D)	Fax	Nome	465-3707	465-4821
Legislator (House 40)	Reggie Joule (D)	Fax	Kotzebue	465-4833 or (800) 782-4833	465-4586
<b>Local Government:</b>					
North Slope Borough	Edward Sagaan Itta	Fax	Mayor	852-0200	852-0337
BP Exploration Inc		Fax		564-5722	564-5180