



**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**

## **Repsol Q-6 Hose Rupture Fluid Release**

**SITREP # 3**

**SPILL #:** 13399909801

**TIME/DATE OF DISTRIBUTION:** 1:00 p.m. April 11, 2013

**POTENTIAL RESPONSIBLE PARTY (PRP):** Repsol E&P USA Inc.

**INCIDENT LOCATION:** Qugruk #6 pad, on the Colville River Delta, approximately 18 miles northeast of Nuiqsut and approximately 150 miles southeast of Barrow (Lat/Log: 70° 27' 20.90" N, -150° 44' 07.16" W)

**TIME/DATE OF SPILL:** During a well flow back operation, a hose ruptured on a soft line between the well and a storage tank at 2:28 a.m. on April 9, 2013.

**TYPE/AMOUNT OF PRODUCT SPILLED:** The spilled product is a mixture of water-based well stimulation fluids (approximately 60 percent), diesel (approximately 35 percent), and crude oil (approximately 5 percent). Based on the amount of product recovered from containment, Repsol estimates that the spill volume is approximately 90 barrels (3,780 gallons).

**CAUSE OF SPILL:** Repsol contractor Weatherford International was conducting a flow back test on an exploratory well when the transfer hose used to connect the well to a 400-barrel (16,800-gallon) storage tank failed. The hose failed when it was under pressure causing the oil to spray out onto snow-covered tundra. In response to the hose rupture, the well was shut in. Additional product was released into the bermed and lined secondary containment cell when the fluids in the storage tank drained back through the ruptured hose. The majority of the product was contained within the secondary containment area, and a light to moderate mist over **approximately 0.58 acres** of snow covered tundra has been reported by Repsol.

**SOURCE CONTROL:** The flow back procedures and the resources selected for the operation were reviewed by Repsol drilling engineers and well operations work was restarted at 8:45 p.m. on April 9.

**RESPONSE ACTION** Alaska Clean Seas (ACS, a spill response contractor for Repsol) and representatives **from ADEC, Repsol, and North Slope Borough have worked together to identify the areas and respective thickness of contamination on the snow-covered tundra affected by the spill. ADEC is currently working with Repsol to finalize and approve the cleanup and well operations plans. The activities within these two plans will be coordinated. The ADEC representative and two representatives from the North Slope Borough continue to remain on site to assist with the development and implementation of the cleanup tactics.**

**To date, spill responders removed approximately 30 percent of the contaminated snow from the affected tundra. The removal activities were focused on the more heavily contaminated snow and responders are**

working towards the area of lighter contamination. Today, ten additional oil spill cleanup technicians aided in the removal of the contaminated snow. The spill responders and cleanup technicians will work during daylight hours.

**RESOURCES AFFECTED:** Snow-covered tundra and ice pad. The contaminants released, such as crude oil, diesel and produced fluids, can damage the tundra ecosystem. There have been no reports of impacts to wildlife. A wildlife hazing plan will be developed.

**FUTURE PLANS AND RECOMMENDATIONS:** ADEC will continue to monitor the response actions and review plans being developed to clean up the contaminated snow from the tundra.

**WEATHER:** Today: Fog; areas of blowing snow; highs around -4°F; north winds 10 to 20 mph.

Tonight: Fog; lows around -24°F; north winds 10 to 15 mph.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Steve Rog, Repsol E&P USA Inc.

SOSC: Tom DeRuyter, ADEC

FOSC: Matt Carr, EPA

LOSC: Gordon Brower, North Slope Borough

Field SOSC: John Ebel, ADEC

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

**FOR ADDITIONAL INFORMATION CONTACT:** Ty Keltner, PIO, ADEC (907) 465-5009

[http://dec.alaska.gov/spar/perp/response/sum\\_fy13/130409301/130409301\\_index.htm](http://dec.alaska.gov/spar/perp/response/sum_fy13/130409301/130409301_index.htm)



*Spill cleanup technicians removing contaminated snow from the snow-covered tundra, April 11, 2013. (Photo/ADEC)*

**AGENCY/STAKEHOLDER NOTIFICATION LIST:** Please refer to sitreps 1 and 2, distributed April 9 and April 10 for the agency/stakeholder notification list. The link to the sitreps can be found in the **Additional Information** box above. Any changes or additions made to the initial list are listed below:

<b>AGENCY / STAKEHOLDER</b>	<b>NAME</b>	<b>SENT VIA</b>	<b>ADDITIONAL INFORMATION</b>	<b>TELEPHONE</b>	<b>FAX</b>
ADNR	Joe Balash	Email	<a href="mailto:joe.balash@alaska.gov">joe.balash@alaska.gov</a>		