



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

## Fuel Barge *Leo*

SITREP # 2 and Final

SPILL #: 12119925601

TIME/DATE OF DISTRIBUTION: 1:00 p.m. September 14, 2012

POTENTIAL RESPONSIBLE PARTY (PRP): Kirby Offshore Marine

INCIDENT LOCATION: Port Frederick, approximately 1 nautical mile from Hoonah.

TIME/DATE OF SPILL: The spill was discovered at 10:30 a.m. September 12, 2012. The spill was reported to ADEC at 10:40 a.m. by Kirby Offshore Marine.

HOW AND WHEN THE SPILL WAS DISCOVERED: The crew onboard the Tug *Altair*, the tug transporting the fuel barge *Leo*, noticed sheen in the water and traced it back to a 2-inch fracture between the raised cargo tank bulkhead and deck of the barge.

TYPE/AMOUNT OF PRODUCT SPILLED: After gauging the cargo tanks, Kirby Offshore Marine estimates a minimal amount of gasoline leaked from the tank. The impacted cargo tank on the barge contained 8,100 barrels (340,200 gallons) of gasoline. Due to the location of the fracture on the tank, the entire volume of the tank was never at risk of being spilled.

CAUSE OF SPILL: Kirby Offshore Marine (Kirby) fuel barge *Leo* discovered a fracture between the raised cargo tank bulkhead and the deck of the barge near the bow of the vessel. The fracture is impacting one of the cargo tanks onboard resulting in a gasoline leak. The cause of the fracture is unknown at this time and is being investigated.

SOURCE CONTROL: A temporary seal was placed on the fracture and an internal transfer of fuel was completed the night of September 12. These actions stopped the fuel leak.

RESPONSE ACTION: On September 12, Kirby completed an internal transfer of fuel from the impacted tank to another tank onboard the barge. With approval of the US Coast Guard (USCG), the tug and barge made the transit to Juneau, arriving at noon on September 13. The vessel was met by a naval architect, Kirby engineering staff, ADEC response personnel and USCG marine inspectors. This team assessed the fracture and discussed further actions to be taken.

RESOURCES AFFECTED: On September 12, rainbow sheen was reported in Port Frederick. ADEC has not received any additional reports of sheen in the Hoonah area. There have been no reports of impacts to wildlife or the shoreline.



**FUTURE PLANS AND RECOMMENDATIONS:** Kirby are working with USCG to attain a trip permit that would allow the vessel to transit to Anchorage where the cargo can be offloaded and repairs made to the barge.

**WEATHER:** Today: Rain with south winds 20 knots diminishing in the afternoon; seas 4 feet. Tonight: Rain in the evening with south winds 15 knots; seas 3 feet. Tomorrow: South winds 15 knots; seas 3 feet.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: William Sullivan, Kirby Offshore Marine  
SOSC: Sarah Moore, ADEC  
FOSC: Capt. Scott Bornemann, USCG

**TIME/DATE OF THE NEXT REPORT DISTRIBUTION:** This is the final report.

**FOR ADDITIONAL INFORMATION CONTACT:** Sarah Moore, State on Scene Coordinator, ADEC (907) 465-5239

[http://dec.alaska.gov/spar/perp/response/sr\\_active.htm](http://dec.alaska.gov/spar/perp/response/sr_active.htm)

**AGENCY/STAKEHOLDER NOTIFICATION LIST:**

Please refer to the first sitrep distributed September 12, 2012 for the agency/stakeholder notification list. The link to the first sitrep can be found in the **Additional Information** box above.

**PHOTOS:**

**BEFORE**



*Fuel leaking through the fracture and onto the deck of the barge, September 12, 2012. (Photo/Kirby Offshore Marine)*

**AFTER**



*Temporary seal over the fractured area stopping the leak, September 13, 2012. (Photo/ADEC)*