



**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Division of Spill Prevention and Response**  
**Prevention Preparedness and Response Program**  
***SITUATION REPORT (SITREP)***

## **CIPL Drift River Crude Oil Spill**

**SITREP #:** 1

**SPILL #:** 16239918401

**TIME/DATE OF DISTRIBUTION:** 3:30 p.m. August 2, 2016

**POTENTIAL RESPONSIBLE PARTY (PRP):** Cook Inlet Pipeline Company (CIPL)

**INCIDENT LOCATION:** Drift River Terminal Facility (DRT facility), west side of Cook Inlet (Lat/Long: 60.602627/-152.174166)

**TIME/DATE OF SPILL:** There were two spills discovered associated over pressurization of 20-inch fill line. The first spill was discovered on July 2, 2016. The second spill was discovered on July 28, 2016.

**HOW/WHEN SPILL WAS DISCOVERED AND REPORTED:** The spill reported on July 2 was discovered while a CIPL operator at DRT facility was conducting a facility inspection. The spill discovered at 5 p.m. on July 28 was found while CIPL staff was conducting an inspection of the areas above the buried 20-inch fill line. This spill was reported to ADEC on July 29 at 8:45 a.m.

**TYPE/AMOUNT OF PRODUCT SPILLED:** On July 2, CIPL reported 14 gallons of crude oil inside a valve box and one gallon to the ground. On July 29, CIPL reported a crude oil stain at the surface of one of the buried 20-inch fill line blind flanges in the pipe corridor between Tanks 1 and 4. The quantity of this spill is unknown. The stain area was reported by CIPL to be 24 feet by 24 feet by 30 feet.

**CAUSE OF SPILL:** Over pressurization of the 20-inch fill line while emptying two tanks in preparation for internal inspection.

On June 25, 2016, CIPL conducted an operation to pump down two tanks at the DRT facility and transfer their contents to one of the 270,000-barrel crude oil storage tanks approved for use. The procedure used by the DRT facility indicated the transfer was being made to Tank 4. However, the two tank contents were being transferred into Tank 3. The operation was being initiated at the same time that crude oil from the CIPL Crude Oil Transmission Pipeline (COTP) was being received into Tank 3 through the 20-inch fill line. When transfer from the CIPL COTP was terminated for the day, the controller at the Kenai Gas Field closed the fill valve to Tank 3. At that time the pump used to draw down the two tanks was still operating. Closing the fill valve to Tank 3 closed off the flow path of the oil from the two tanks into Tank 3. Due to the operations being conducted simultaneously, the closure of the valve to Tank 3, and the continued throughput from the two tanks, the 20-inch fill line was over-pressurized.

**SOURCE CONTROL:** The 20-inch fill line has been isolated and shut down.



**RESPONSE ACTION:** CIPL personnel on site recovered the 14 gallons of crude oil inside the valve box and reintroduced the recovered crude oil into storage tanks. The one gallon was excavated. CIPL also reviewed and changed their procedures on removing liquids from the two tank to ensure this type of incident does not occur.

On July 21, two ADEC staff flew to DRT facility to conduct a site visit to investigate the spill that was reported on July 2 and to conduct a facility inspection. The spill investigation was conducted to evaluate the circumstances and conditions that led to the spill, the mitigation responses by CIPL personnel, whether the spill and the conditions that caused the spill were properly and accurately reported to the department, and what steps are being taken to determine if there are any additional undiscovered leaks from the direct buried flanges on valves and at piping connections in the fill piping system.

**RESOURCES AT RISK:** No impacts to wildlife have been reported. Rust Slough/Drift River are adjacent to the facility and flow into Redoubt Bay of Cook Inlet. Terrestrial mammals (bears, moose) and nesting waterfowl may be present in the area.

**FUTURE PLANS AND RECOMMENDATIONS:** The site investigation report documenting ADEC’s finding from the July 21 site visit will be provided to CIPL. ADEC will request CIPL submit a plan that includes how they are going to identify any additional potential spills from the 20-inch fill line, remove the remaining crude oil in the line, test line integrity, and identify future plans for the line. ADEC will conduct additional site visits to monitor cleanup activity associated with spill that was discovered on July 28. ADEC representatives will be present for any testing or activities involving the 20-inch line.

**WEATHER:** Today: Scattered showers. High of 62°F and low of 52°F. Patchy fog. Tomorrow: Patchy fog in the morning then mostly sunny. High of 63°F.

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

**FOR ADDITIONAL INFORMATION CONTACT:** Young Ha, ADEC (907) 269-7544.

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

**AGENCY/STAKEHOLDER NOTIFICATION LIST:** This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor’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	FAX
CIPL	Diane Dunham	Email		
<b>Senate O</b> - Soldotna	Peter Micciche	Email	<a href="mailto:senator.peter.micciche@akleg.gov">senator.peter.micciche@akleg.gov</a>	
<b>House 29</b> - Nikiski	Mike Chenault	Email	<a href="mailto:Representative.mike.chenault@akleg.gov">Representative.mike.chenault@akleg.gov</a>	
<b>House 30</b> - Soldotna	Kurt Olson	Email	<a href="mailto:Representative.Kurt.Olson@akleg.gov">Representative.Kurt.Olson@akleg.gov</a>	
USCG-Sector /ANC	USCG-Anchorage	Fax		428-4114 (24 hr)
US EPA	Bob Whittier	Fax/Email	<a href="mailto:Whittier.robert@epa.gov">Whittier.robert@epa.gov</a>	271-3424
CIRCAC	Mike Munger	Fax/Email	<a href="mailto:mikemunger@circac.org">mikemunger@circac.org</a> and <a href="mailto:stevecatalano@circac.org">stevecatalano@circac.org</a>	283-6102
City of Seward	City Manager	Fax	<a href="mailto:jhunt@cityofseward.net">jhunt@cityofseward.net</a>	224-4038
Kenai Fjord Nat'l Park	Jeff Mow, Superintendent	Email	<a href="mailto:nps_kefi_superintendent@nps.gov">nps_kefi_superintendent@nps.gov</a>	422-0571