



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

**CHANGES FROM PREVIOUS SITREPS ARE DENOTED IN RED**

## **Hilcorp Anna Platform Crude Oil Line Leak**

**SITREP #:** 2

**SPILL #:** 17239909101

**TIME/DATE OF DISTRIBUTION:** 4:30 p.m. April 2, 2017

**POTENTIAL RESPONSIBLE PARTY (PRP):** Hilcorp Alaska, LLC (Hilcorp)

**INCIDENT LOCATION:** Anna Platform and 8-inch crude oil pipeline located in the Upper Cook Inlet near Granite Point. (Lat/Long: 60.9763667, -151.315766)

**TIME/DATE OF SPILL:** Exact time of release is unknown; however, the spill was discovered at 11:20 am on April 1, 2017.

**HOW/WHEN SPILL WAS DISCOVERED AND REPORTED:** Anna Platform personnel felt an impact to the platform. The sheen was discovered at 11:20 a.m. and Hilcorp reported the incident to the Alaska Department of Environmental Conservation (ADEC) at 12:05 p.m. on the same day.

**TYPE/AMOUNT OF PRODUCT SPILLED:** Cook Inlet crude oil. The amount released to the environment is unknown at this time. The 8-inch line's maximum capacity is 461 barrels. The line was at full capacity when the impact occurred.

**CAUSE OF SPILL:** Based on personnel observation and engineering analysis, the source is likely an 8-inch crude transmission pipeline linking the Anna and Bruce platforms. The pipeline runs 75-feet below Cook Inlet water surface.

**SOURCE CONTROL:** The crude oil pipeline between the Anna and Bruce platforms has been shut-in and the pressure to the line has been reduced to zero pounds per square inch. A polyurethane pig has been deployed to remove the remaining crude oil from the line.

**RESPONSE ACTION:** Looking over the side of the platform, personnel observed sheen and bubbles coming up from near one of the platform legs where the 8-inch line is located. Personnel confirmed that the bubbles and sheen were not observed the day prior. Upon discovery, Hilcorp activated their response contractor, shut in the Anna and Bruce platforms, and reduced the line pressure. Hilcorp conducted overflights at 12:30 p.m. on April 1 and personnel observed six sheens with the furthest sheen being 3.5 miles south of the Anna Platform. The largest sheen was 10 feet by 12 feet and two of



the sheens were three to four feet by 20 to 25 feet in size. Additional overflights were conducted at 1:30 p.m. and 8:00 p.m. on April 1, no sheen was observed during either of these overflights. The oil spill response vessel *Perseverance* arrived at the Anna Platform around 12:45 p.m. and scouted the area for sheens with no success.

Hilcorp deployed a polyurethane pig into the pipeline to remove the remaining crude oil to the Bruce Platform and continuing onto Granite Point Tank Farm. A representative from ADEC Spill Prevention and Response (SPAR) and USCG are on the Anna Platform to monitor the pigging activity. An overflight conducted during the pigging operations did not observe sheen. No wildlife was observed in the area. The *M/V Perseverance* is standing by in the event of a further release. The Unified Command arrived today at the Incident Command Post established in Nikiski. The Unified Command has approved the preliminary incident action plan and submitted by Hilcorp.

#### RESOURCES AT RISK OR AFFECTED:

**Shorelines:** Shoreline type varies throughout upper Cook Inlet. Shorelines around the Granite Point area include mixed sand and gravel beaches, coarse-grained sand, and exposed tidal flats. Redoubt Bay and Trading Bay on the west side of Cook Inlet include salt and brackish-water marshes and sheltered tidal flats which are of high importance to bird and invertebrate species.

**Marine Mammals:** Species likely to be present in upper Cook Inlet include Cook Inlet beluga whale (ESA-listed as endangered), western Distinct Population Segment (DPS) Steller sea lion (ESA-listed as endangered), Mexico DPS humpback whale (ESA-listed as threatened), harbor seals, killer whales, Hawaii DPS humpback whales, harbor porpoise, and Dall porpoise. The Southwest Alaska DPS Northern sea otter (ESA-listed as threatened) is known to occur in lower Cook Inlet. The discharge location is within designated Critical Habitat for Cook Inlet beluga whales. Cook Inlet beluga whales are likely utilizing offshore waters in upper Cook Inlet during winter and will concentrate near forage fish locations as those populations arrive. The USCG has completed a Section 7 Consultation with the Federal trustee agency (NOAA-NMFS) required under the ESA.

**Birds:** Steller eiders are ESA-listed as threatened and are known to overwinter south of the Anna Platform both the eastern and western shores of lower Cook Inlet. Waterfowl and shorebirds are overwintering in upper Cook Inlet. Notably, rock sandpipers are known to overwinter in upper Cook Inlet feeding on bivalves, including almost the entire population of the subspecies *Calidris ptilocnemis ptilocnemis*. Bald and golden eagles are also present in Cook Inlet year round. Migratory birds, including waterfowl, seabirds, and shorebirds will likely begin arriving in high numbers in the Cook Inlet area in late March to early April.

**Fish:** Several species and different life stages of fish are likely present in Cook Inlet, including all five species of Pacific salmon (Chinook, coho, sockeye, chum, and pink salmon), Dolly Varden, rainbow trout, Pacific eulachon, Pacific halibut (spawning and hatching occurs in winter months), Pacific herring, Bering cisco, Humpback whitefish, American shad, Walleye pollock, sablefish (adults spawn in winter in deep waters, larvae are present at the water surface, and juveniles are found in nearshore

waters), Pacific and saffron cod, yellowfin sole, and smelt. This area is Essential Fish Habitat for all five species of Pacific salmon.

The north shore of northern Cook Inlet is mainly tidally influenced mud flats. Old Tyonek Creek (Stream No. 247-20-10050) enters Cook Inlet about 4 miles north of the Anna Platform in Beshta Bay and is known to support coho, Chinook, and pink salmon; and eulachon. Tyonek Creek (Stream No. 247-20-10040), unnamed creek (Stream No. 247-20-10030), and Indian Creek (Stream No. 247-20-10020) enter Cook Inlet near the Village of Tyonek about 7 miles northeast of Anna Platform and are known to support coho and pink salmon. Nikolai Creek (Stream No. 247-10-10200) enters Cook Inlet about 7 miles northwest of Anna Platform and is known to support coho, Chinook, and pink salmon; and Dolly Varden.

**Shellfish and Invertebrates:** Species likely to be present in upper Cook Inlet include littleneck clams, razor clams, Macoma clams (larvae may be present in water column, adults begin spawning in late March), Weathervane scallops, several species of shrimp, and Tanner crab (mating and egg hatching may occur in winter). Macoma clams in tidal mud flats are a critical food source for Rock Sandpipers and other shorebirds in the area.

**Future Plans and Recommendations:** Hilcorp will continue pigging operations to remove remaining crude from the pipeline. Hilcorp estimates that pigging operations will be concluded around 8:00 p.m. tonight. A diving contractor is anticipated to arrive later this week to investigate the line and conduct repairs as necessary.

ADEC will continue to monitor the response until the Incident Management Team is stood down

**ADDITIONAL INFORMATION:** It should be noted that the crude oil line leak involving the Anna Platform is unrelated and unconnected to the Hilcorp natural gas leak in Cook Inlet between Platform A and Nikiski.

**WEATHER:** Today: Cloudy with scattered snow showers; highs in the upper 30°F to mid40°F. Tonight: mostly cloudy; lows in the lower 20°F; winds variable winds at 10 to 20 mph; slight chance of precipitation. Tomorrow: Mostly cloudy during the afternoon; highs in the upper 30°F to mid40°F; winds south northeast at 15 to 25 mph; chance of rain.

**COMMAND AND PERSONNEL:**

IC: Stan Golis, Hilcorp

FOSC: Captain Paul Albertson, USCG

SOSC: Graham Wood, ADEC

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

**FOR ADDITIONAL INFORMATION CONTACT:**

Candice Bressler, Public Information Officer, ADEC (907) 465-5009

**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:

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