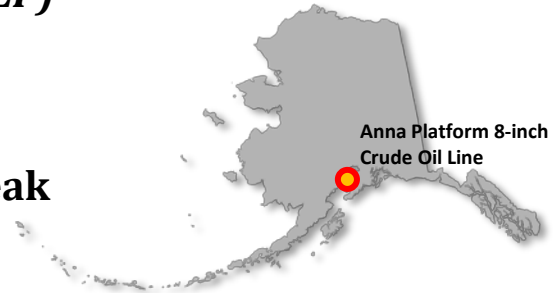




ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention Preparedness and Response Program
SITUATION REPORT (SITREP)

CHANGES FROM PREVIOUS SITREPS ARE DENOTED IN RED

Hilcorp Anna Platform Crude Oil Line Leak



SITREP #: 3

SPILL #: 17239909101

TIME/DATE OF DISTRIBUTION: 3:30 p.m. April 3, 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 **estimated to be less than 10 gallons**. 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 8-inch crude oil pipeline between the Anna and Bruce Platform has been isolated and the pressure to the line is at zero pounds per square inch. The crude oil has been removed from the 8-inch line.

Correction - When the sheen was discovered by the Anna Platform personnel on April 1, the Anna Platform was shut-in. The Bruce Platform was **not shut-in**, but the 8-inch crude oil line connecting the Bruce Platform to the Anna Platform was closed. Bruce Platform is still operating and continues to produce and send processed crude to the Granite Point facility.

RESPONSE ACTION: On April 2 at approximately 8:30 p.m., Hilcorp completed the pigging operation to displace the crude oil in the 8-inch pipeline between the Anna and Bruce Platform. The crude oil was displaced using 490 barrels of filtered sea water, which was pumped behind the pig from the Anna Platform. The oil spill response vessel *Perseverance*, maintained their position in close proximity to the platform during the pigging operation. Overflights were conducted during the pigging operation and no sheen or wildlife were observed. Cook Inlet Spill Response, Inc. (CISPRI) had a qualified wildlife observer on the *Perseverance*, and the U.S. Coast Guard

(USCG) had a qualified wildlife observer on the Anna Platform. They both reported no wildlife was observed during the pigging operation. ADEC and USCG were present on the Anna Platform to observe the pigging operation. They were brought back to Nikiski around 8:30 p.m.

Hilcorp conducted another overflight at 7:50 a.m. today and reported no sheen or wildlife were observed. Based on the overflight information from last night and this morning, the Unified Command stood down the Incident Command Post at 9:00 a.m. today.

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: A diving contactor is anticipated to arrive later this week to investigate the line and conduct repairs as necessary. Hilcorp will submit a repair plan to ADEC once the divers complete their initial assessment.

ADEC will continue to monitor the line assessment and repair.

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: Overcast skies and windy; high 39°F; winds north northeast at 25 to 35 mph. Tonight: Cloudy and windy; low 31°F; winds at north northeast at 25 to 35 mpg. Tomorrow: Mostly cloudy and windy with showers developing later in the day; high 42°F; winds north northeast at 20 to 30 mph; change of rain 50 percent.

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

http://dec.alaska.gov/spar/ppr/response/sum_fy17/170401201/170401201_index.htm

AGENCY/STAKEHOLDER NOTIFICATION LIST: Please refer to SITREP 2 distributed April 2 for the agency/stakeholder notification list. The link to the SITREPs can be found in the **Additional Information** box above. Any addition to the list is noted below:

AGENCY / STAKEHOLDER	NAME	SENT VIA
ADNR – DMLW	Brent Goodrum	Brent.goodrum@alaska.gov