



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

Tesoro KPL Facility Crude Oil/Water Mixture

SITREP #: 2nd and Final

SPILL #: 16239935301

TIME/DATE OF DISTRIBUTION: 3:00 p.m. February 21, 2018

POTENTIAL RESPONSIBLE PARTY (PRP): Tesoro Alaska Company, LLC

INCIDENT LOCATION: Tesoro Kenai Pipe Line (KPL) Facility, Nikiski, Alaska (Lat/Long: 60.685319, -151.391169)

TIME/DATE OF SPILL: 3:15 p.m. December 18, 2016

HOW/WHEN SPILL WAS DISCOVERED AND REPORTED: The facility operator was conducting a nightly walk through of the facility when they noticed the blackened snow near the facility's waste water tank T2400. Tesoro reported the spill to the Alaska Department of Environmental Conservation (ADEC) at 5:45 p.m. on the same day.

TYPE/AMOUNT OF PRODUCT SPILLED: Tesoro estimated 168 gallons of crude oil/water mixture were released to the environment. The oil/water mixture ratio is unknown. Tesoro reported approximately 42 gallons were released to the secondary containment area and 126 gallons were released outside of secondary containment area.

CAUSE OF SPILL: During transfer operations the effected piping was noted to be above standard line pressure approximately 110-psi. The facility typically operates this segment of piping at 15 (+/-10) PSI with a maximum operation pressure of 285 psi. Facility personnel attempted to clear blockage by reversing flow within the affected segment of piping. At 110 PSI piping failed due to corrosion under insulation and internal corrosion of the pipe.

SOURCE CONTROL: Tesoro shut down all the pipelines running to and from the waste water tank T2400. Inspections were conducted and Tesoro is implementing necessary repairs and improvements to pipeline integrity.

RESPONSE ACTION: Cleanup activities and inspections continued throughout the summer of 2017. A total of 270 cubic yards of contaminated soil was removed from the excavation. Contaminated soil was removed to the extent practicable however residual contamination continues to be monitored and remediated in specific locations due to infrastructure in the immediate area.

RESOURCES AT RISK OR AFFECTED: The tank secondary containment area and the soil surrounding the secondary area. The Cook Inlet water is approximately 1,000 feet from the incident location. The crude oil/water mixture did not reach the waters of Cook Inlet. There have been no reports of impacts to wildlife.



FUTURE PLANS AND RECOMMENDATIONS: Tesoro Alaska Company, LLC continues to work with a third party consultant to develop plans to treat the remaining contamination in place. Further groundwater investigation will be conducted in order to evaluate the extents of groundwater impacts and evaluate if groundwater corrective action is warranted.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Gerry Warrick, Tesoro Alaska Company, LLC
SOSC: Geoff Merrell, ADEC

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

FOR ADDITIONAL INFORMATION CONTACT Jade Gamble, Cook Inlet/Kodiak Unit Project Manager, ADEC
(907) 262-3421

dec.alaska.gov/spar/perp/response/sr_active.htm

AGENCY/STAKEHOLDER NOTIFICATION LIST: Please refer to the first SITREP, distributed December 27, 2016, for the agency/stakeholder notification list. The first SITREP can be found by following the link in the **Additional Information** box above.