

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention and Emergency Response Program

SITUATION REPORT

INCIDENT NAME: APSC PS 9, Crude Oil Release to Secondary Containment

SITREP #: 5

SPILL NUMBER: 10309914501

LEDGER CODE: 14287160

TIME/DATE OF SPILL: 10:30 AM on May 25, 2010

TIME/DATE OF SITUATION REPORT: 3:00 PM June 1, 2010

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

TYPE/AMOUNT OF PRODUCT SPILLED: Alaska North Slope Crude. Alyeska Pipeline Service Company (APSC) has estimated between 208,950 gallons (4,975 barrels) and 212, 520 gallons (5,060 barrels) of oil were released to secondary containment. The estimate is based on visual observations of pooled oil on the surface and on assumptions about the volume and porosity of gravel above the liner that the oil has saturated. Recovered oil will be measured directly to obtain a more precise determination of the volume spilled.

LOCATION: Trans-Alaska Pipeline System (TAPS) Pump Station 9, Tank 190. Pump Station 9 sits just off the Richardson Highway, eight miles south of Delta Junction and approximately 110 miles southeast of Fairbanks.

CAUSE OF SPILL: : During a scheduled maintenance shutdown of the pump station, a loss of power to the power-distribution center resulted in a command circuit designation to open the system relief valve and close the station block valves. The block valves could not close without power, allowing oil to flow from the TAPS line into Tank 190, and then out the tank vents into lined secondary containment. An incident investigation team was assembled to determine the root cause.

POTENTIAL RESPONSIBLE PARTY (PRP): Alyeska Pipeline Service Company (APSC)

RESPONSE ACTION: The following response objectives have been completed safely: approximately 56,000-gallons of recovered oil was metered and transported to the Valdez Marine Terminal for recycle and injected into the pipeline, distinct temporary solid waste management cells were created, and trained village response cleanup crews are on-site for around the clock cleanup of the external tank shell and the secondary containment area, including the oiled tank farm gravel and, the resumption of oil flow through the pipeline on the afternoon of May 28.

Recovery of the pooled oil is complete. However, recovery of the oil that is entrained in the gravel will continue through a sump and drain system that is being dug in to the gravel. When all of the recoverable oil has been removed it is then planned to begin soil removal.

Enhanced oil recovery tactics (used to recover additional oil from the contaminated gravel removed from the spill site) for the oiled gravel were assessed throughout the weekend; quantitative information is required to select the preferred tactic. Qualified environmental consultants retained by APSC are delineating the lightly oiled areas from unaffected areas within the tank farm through an approved field screening plan. APSC management is committed to stringent and inclusive safety protocols for each activity and to providing awareness training for site workers. Site control throughout the PS 9 compound is restricted to essential vehicle traffic. Signage identifies waste segregation containment areas, and a decontamination area for cleanup workers was established, which provides controlled access into the "hot zone." APSC is providing housing and meals for the cleanup workers at local lodges in Delta Junction. No injuries have been reported.

The Unified Command approved the incident management team to transition into project management the afternoon of June 1, 2010. All non-essential tactical resources will be demobilized and the project management team will take

responsibility for the cleanup of any remaining free liquids and contaminated soil. The project management team will take those assets of incident management team that it deems necessary to complete the tasks.

SOURCE CONTROL: APSC personnel closed the Tank 190 relief system valves manually and stopped the flow of oil into the tank.

RESOURCES AFFECTED: There have been no reports of oil outside of secondary containment.

FUTURE PLANS AND RECOMMENDATIONS: Complete delineation of spill area. Remove oiled gravel, clean the overhead pipes, the tank shell and access platforms, segregate unique waste streams, recycle recovered oil, restore site, and establish the cause of the incident.

WEATHER: Today and tomorrow: sunny, light winds, afternoon thunderstorms, high 75-80°F, low 35-50°F.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: John Baldrige, APSC
F.O.S.C.: N/A (EPA determined it did not have jurisdiction in this incident)
S.O.S.C.: Tom DeRuyter, ADEC
Field S.O.S.C.: Paul Lhotka, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Tom DeRuyter, 451-2145

AGENCY/STAKEHOLDER NOTIFICATION LIST

This sitrep has been distributed to the following agencies and stakeholders. The situation report was also distributed to the various agency staff listed on the standard distribution list. The receiving agencies listed in the standard distribution list includes: Governor's office, Senator Begich's office, ADF&G, ADNR, SECC, EPA, DOI, NMFS, and USFWS.

AGENCY/STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFO	TELEPHONE	FAX
Alaska State Troopers	Fairbanks	Fax		451-5100 or (800) 478-9300	451-5165
Alaska State Troopers	Delta Junction	Fax		895-4800	895-4026
ADF&G (Habitat)	Al Ott/Jack Winters	Fax		459-7285 or 459-7279	459-7303
EPA	Matt Carr/Robert Whittier	Fax		271-5083 or 271-3247	271-6340
Attorney General Office	Cam Leonard/Steve Mulder	Fax		451-2811/451-2914	451-2985/ 278-7022
Fairbanks North Star Borough-HAZMAT	David Gibbs	Fax		450-6585	459-1119
Governor's Office (Fairbanks)	Parnell/Campbell	Fax		451-2920	451-2858
Lt. Governor's Office (Juneau)	Parnell/Campbell	Fax			465-5400
Legislator (Senate C)	Albert Kookesh (D)	Fax	Angoon	465-3473 or (888) 288-3473	465-2827/ 452-3401
Legislator (Senate D)	Joe Thomas (D)	Fax	Fairbanks	465-2327	465-5241 or 456-8163
Legislator (Senate E)	Joe Paskvan (D)	Fax	Fairbanks	465-3709	465-4714
Legislator (Senate F)	John Coghill, Jr. (R)	Fax	North Pole	465-4797 or (800) 860-4797	465-3884
Legislator (House 6)	Woodie Salmon (D)	Fax	Beaver	465-4527 or (800) 491-4527	465-2197
Legislator (House 7)	Michael "Mike" Kelly	Fax	Fairbanks	465-4976 or	465-3883 or

	(R)			(800) 465-4976	452-6096
Legislator (House 8)	David Guttenberg(D)	Fax	Fairbanks	465-4457 or (800) 928-4457	465-3519 or 456-2490
Legislator (House 9)	Scott Kawasaki (D)	Fax	Fairbanks	465-3466 or (866) 465-3466	465-2937 or 451-9293
Legislator (House 10)	Jay Ramras (R)	Fax	Fairbanks	465-3004 or (877) 465-3004	465-2070
Legislator (House 11)	Tammie Wilson. (R)	Fax	North Pole	465-3719 or (877) 465-3719	465-3258 or 488-4271
Legislator (House 12)	John Harris (R)	Fax	Valdez	269-0129	269-0128
Tanana Chiefs Conference	Jerry Isaac	Fax	President	452-8251 x 3433	459-3989