

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

SITUATION REPORT

INCIDENT NAME: Drift River Terminal Coordination **SITREP #:** 19

SPILL NUMBER: 09239908201 **LEDGER CODE:** 14254760

TIME/DATE OF SPILL: Potential release

TIME/DATE OF SITUATION REPORT: 11:00 a.m., July 10, 2009

TIME/DATE OF THE NEXT REPORT: As situation warrants

TYPE/AMOUNT OF PRODUCT SPILLED: Potential, approximately 20,040 barrels (841,680 gallons) of Cook Inlet crude oil, plus diesel fuels and lube oils held at the facility. These figures were revised from previous situation reports, based on additional measurements and confirmation by a third party following the April 30th offloading of crude oil and seawater to the tanker Mississippi Voyager.

LOCATION: Drift River Terminal Facility (DRT facility), west side of Cook Inlet, 60° 36.00 N - 152° 11.00 W

CAUSE OF SPILL: Volcanic eruption/flooding. Mount Redoubt initially erupted on March 22nd at 10:38 PM, followed by several other eruptions. The resultant lahars (or volcanic mudflows) caused extensive flooding at the Drift River Terminal. However, to date there have been no reports of oil or hazardous substance releases from the facility.

POTENTIAL RESPONSIBLE PARTY (PRP): Cook Inlet Pipe Line Company (CIPL)

VOLCANO ACTIVITY: Observations from overflights, webcam, and satellite imagery have not been able to detect changes caused by dome growth in recent weeks, thus lava effusion has at least slowed significantly, and may have stopped. Consequently the Alaska Volcano Observatory (AVO) downgraded the aviation color code to YELLOW and the alert level to ADVISORY on Tuesday June 30th. Volcanic seismicity is still reduced, after a decline in the numbers of earthquakes per day began about May 7th. However, seismicity remains elevated above background. Volcanic gas emissions remain very high, yet have also decreased by about half since early-May. As of July 9th, the AVO is standing down from 24/7 staffing of its operations center.

It is still possible for conditions at the volcano to change rapidly and seismic activity or other signs of unrest could escalate over time periods as short as 24 hours or less. The lava dome in the summit crater has not yet fully stabilized and may completely or partially collapse with little or no advance warning. A significant dome collapse would likely result in the production of hazardous ash clouds and flooding in the Drift River valley. AVO will monitor for such activity on a 24/7 basis using alarms that send notifications to on-call staff who will be able to respond quickly. AVO scientists will continue to examine monitoring data regularly and report on activity through their daily status reports and weekly updates.

RESPONSE ACTION: On June 23rd, the Unified Command approved plans to remove oil and ballast water from the tanks at the DRT facility in a continuing response to the threat from the Mount Redoubt Volcano. The ballast water currently in the DRT tanks poses an integrity risk due to freezing if the water remains through the winter. The expected date of the transfer operation is late July or early August 2009, depending on scheduling of a tank vessel to receive the oil and water. Prior to arrival of the tank vessel, submersible pumps will be used to skim as much crude oil as possible from Tanks 1 and 2 for consolidation in Tank 3. The water from Tanks 1 and 2 will then be pumped to Tank 3 until suction is lost (the goal is to leave no more than six inches of residual fluids and oil sludge in each tank). Tanks 1 and 2 will then be taken out of service and isolated by removing the valves that connect these tanks to the DRT facility piping.

Upon arrival of the tank vessel at the Christy Lee Platform, the water and oil that has been consolidated in Tank 3 will be pumped to the ship. As with Tanks 1 and 2, pumping will continue until suction is lost (with about 6" of fluids remaining). During this process, facility piping will be drained of water, and crude oil from Tank 3 will be used to fill the emptied DRT pipelines. Tank 3 will remain in service in order to provide necessary emergency overpressure protection for future operations. The final cleaning of Tanks 1 and 2 to remove the remaining 6 inches (estimated) of residual liquids and oil sludge is not expected to commence until next year. This is a labor intensive operation that requires cleaning crews and equipment to remain on site for an extended period of time. With the continuing, albeit diminished, threat of ash clouds and flooding posed by Mount Redoubt, safety considerations preclude deployment of the tank cleaning crews at this time.

Video equipment, to enable real-time monitoring of the Christy Lee Platform, tank farm and its tertiary containment system will remain operational. Temporary flight restrictions in the vicinity of the DRT and facilities have been cancelled.

SOURCE CONTROL: The facility and pipeline were shut down on the morning of March 23rd. The terminal and pipeline remain secured at this time.

RESOURCES AFFECTED: Drift River, Rust Slough and Redoubt Bay, Cook Inlet

FUTURE PLANS AND RECOMMENDATIONS: Cook Inlet Pipeline, in conjunction with Chevron and the upstream producers are considering options for future operations of the facility. Resumption of operations will depend on the operator verifying that the proposed actions will be in compliance with all state and federal regulatory requirements. ADEC's Industry Preparedness Program is working with Cook Inlet Pipeline Company to review the CIPL Oil Discharge Prevention and Contingency Plan to verify where changes must be made to achieve compliance with state contingency plan regulatory requirements prior to resumption of pipeline operations.

Under the current long-term planning cycle, the FOSC, SOSC and CIPL Incident Commander meet bi-weekly to review situation updates and determine if any additional incident management staffing and support will be needed.

The next Unified Command meeting is Tuesday, July 14th.

WEATHER: **Today...** Mostly sunny. Haze and areas of smoke. Highs in the upper 60s to 70s except around 80 inland. Light winds becoming southwest 10 to 15 mph in the afternoon.

AGENCY AND COMPANY LEAD REPRESENTATIVES:

CIPL: Rodney Ficken
USCG: Captain John Kenyon (FOSC Sector Anchorage)
ADEC: Gary Folley (SOSC Central Area Response Team)

FOR ADDITIONAL INFORMATION CONTACT: Gary Folley, ADEC 262-5210 ext. 234 or

Alaska Volcano Observatory (AVO): <http://www.avo.alaska.edu/>

AVO website current photos of Drift River Terminal:

<http://www.avo.alaska.edu/volcanoes/volcact.php?volcane=Redoubt&page=images&eruptionid=610&limit=1>

Unified Command/Situation Updates Website: <http://www.dec.state.ak.us/spar/perp/drot>

AGENCY/STAKEHOLDER NOTIFICATION LIST

This sitrep has been distributed via email to the Governor's office, Senator Begich's office, ADF&G, ADNR, SECC, USEPA, USDOJ, NMFS, USFWS, and USFS in addition to the following.

AGENCY	NAME	Sent Via		Telephone	Facsimile
ADNR	Clark Cox	Email	clark.cox@alaska.gov	269-8565	269-8913
Dept. of Law		Email	steve.mulder@alaska.gov	269-5275	278-7022
USCG-MSD/Kenai		Fax		283-3292	283-5085
USCG-MSO/ANC	USCG-MSO/ANC-office	Fax		271-6700	271-6751
EPA	Matt Carr	Fax		271-3616	271-3424
OTHER	NAME	Sent Via		Telephone	Facsimile
CIRCAC	Mike Munger	Email	munger@circac.org	283-7222	283-6102
City of Homer	City Manager	Fax		235-8121	235-3148
City of Kenai	City Manager	Fax		283-7535 x222	283-3014
Kenai Pen. Borough	Scott Walden, OEM	Email	swalden@borough.kenai.ak.us	262-4910	714-2395
Ninilchik Traditional Council		Fax		567-3313	567-3308
City of Seldovia	Tim Dillon		citymanager@cityofseldovia.com	234-7643	234-7430
Session/Interim					
House 34/Nikiski	Mike Chenault	Email	Representative_Mike_Chenault@legis.state.ak.us	283-7223 465-3779	283-7184 465-2833
House 33/Kenai	Kurt Olson	Email	Representative_Kurt_Olson@legis.state.ak.us	283-2030 465-2693	283-3075 465-3835
Senate Q/Kenai	Thomas Wagoner	Fax	Kenai 5/16 - 1/09 Juneau 1/10 - 5/15	283-2030 465-2828	283-3075 465-4779
House 35/Homer	Paul Seaton	Email	Representative_Paul_Seaton@legis.state.ak.us	235-2921 465-2689	235-4008 465-3472
Senate R/Kodiak	Gary Stevens	Fax	Kodiak 5/16 - 1/09 Juneau 1/10 - 5/15	486-8872 465-4925	486-5264 465-3517
House 36/Kodiak	Alan Austerman	Email	Representative_Alان_Austerman@legis.state.ak.us	486-8872 465-2487	486-5264 465-4956
House 27/Anchorage	Bob Buch	Email	representative_bob_buch@legis.state.ak.us	465-4968	465-2040
House21/Anchorage	Harry Crawford	Email	representative_harry_crawford@legis.state.ak.us	465-3438	465-4565
House 24/Anchorage	Berta Gardner	Email	representative_berta_gardner@legis.state.ak.us	465-4930	465-3834
House 23/Anchorage	Les Gara	Email	representative_les_gara@legis.state.ak.us	465-2647	465-3518
House 20/Anchorage	Max F. Gruenberg	Email	representative_max_gruenberg@legis.state.ak.us	465-4940	465-3766
House 8/Fairbanks	David Guttenberg	Email	representative_david_guttenberg@legis.state.ak.us	465-4457	465-3519
House 3/Juneau	Beth Kerttula	Email	representative_beth_kerttula@legis.state.ak.us	465-4766	465-4748
House 19/Anchorage	Pete Petersen	Email	representative_pete_petersen@legis.state.ak.us	465-4939	465-2418
House 6/Beaver	Woodie W. Salmon	Email	representative_woodie_salmon@legis.state.ak.us	465-4527	465-2197
House 29/Anchorage	Christopher Tuck	Email	representative_chris_tuck@legis.state.ak.us	465-2095	465-3810
Staff/Senate J	Shelly Morgan	Email	Shelly_morgan@legis.state.ak.us	465-2435	465-6615
Senate J/Anchorage	Bill Wielechowski	Email	Senator_Bill_Wielechowski@legis.state.ak.us	465-2435	465-6615
House 18/ Eagle River	Nancy Dahlstrom	Email	Representative_Nancy_Dahlstrom@legis.state.ak.us	465-3783	465-2293
Senate D/ Fairbanks	Joe Thomas	Email	Senator_Joe_Thomas@legis.state.ak.us	465-2327	465-2652
Staff/Senate D	Joe Hardenbrook	Email	joe.hardenbrook@legis.state.ak.us	465-2327	465-2652