

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

SITUATION REPORT

INCIDENT NAME: Drift River Terminal Flooding

SITREP #: 4

SPILL NUMBER: 09239908201

LEDGER CODE: 14254760

TIME/DATE OF SPILL: Potential release

TIME/DATE OF SITUATION REPORT: 4:00 PM, March 27, 2009

TIME/DATE OF THE NEXT REPORT: 4:00 PM, March 28, 2009

TYPE/AMOUNT OF PRODUCT SPILLED: Potential (6,216,000 gallons or 148,000 barrels) Cook Inlet Crude, plus diesel fuels and lube oils.

LOCATION: Drift River Oil Terminal, West side Cook Inlet, 60° 36.00 N - 152° 11.00 W

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

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

RESPONSE ACTION: On March 27, the Alaska Volcano Observatory (AVO) reported another strong eruption at 8:40 AM with the ash plume reaching 50,000 feet.

At 10:30 AM on March 27, 2009, the State/Federal Joint Incident Management Team (JIMT) and the State Crisis Management Team (CMT) met to discuss situation updates from AVO, ADEC, USCG and other attending IMT agencies. The IMT reviewed and discussed each of the response objectives/strategies within the State Incident Action Plan (IAP) and discussed new issues and safety concerns related to the objectives. A joint State/Federal Command website was created for the incident to facilitate access to information by the general public.

On March 26 at 5:00 PM, AVO conducted another overflight of the DROT and discussed their flooding assessment at the IMT meeting this morning. They predicted that the lahars will most likely not be as large due to less flooding as compared to the March 23 overflight assessment. AVO reported that the main stem of the river flow has dramatically decreased with increases in tributary flows. Significant blocks of ice and snow have melted since the last overflight and large amounts of Drift River Glacier have eroded. Also, the tertiary dike appeared to have some minor splashing but no signs of erosion damage to the dike.

The DROT has seven crude oil storage tanks within the facility with five that are completely empty and clean. The in-service tanks, number one and two, each contain approximately 3,108,000 gallons (74,000 barrels) of crude oil. Facility engineers recommended maintaining a working level of 1,680,000 gallons (40,000 barrels) in each tank to avoid possible flotation. The other five empty tanks are opened to allow water intrusion if flooding should occur and to improve tank stability during a flood.

The ADNRC and the US Army Corp of Engineers will be conducting a joint analysis and risk assessment on the mudflows and probabilities of damage to the tank farm containment structure. A scheduled tanker arrival is expected to arrive on April 4 and the USCG stated that a risk analysis on the pipeline from the tanks to the platform will be completed before any return to normal activity. CIPL will be providing a facility start-up plan for review by PHMSA, DEC, and the Coast Guard. Agencies comments and any additional conditions for start-up will be incorporated into the plan. USCG also reported that the floating drums within the facility are reported to be empty and clean.

The ADEC State On-Scene Coordinator (SOSC) has been discussing facility storage and platform production shut down with Chevron's production manager and CIPL. ADEC will be coordinating with CISPRI on their response capabilities at the facility if needed and the potential deployment of five pre-staged Geographic Response Strategies (GRSs) located in Cook Inlet. This was added as an objective to the Incident Action Plan.

Cook Inlet Spill Response Inc. (CISPRI) completed the soundings of the tanker berthing (fuel loading/unloading area), exit and entrance routes at the Christy Lee platform. CISPRI reported that no debris or subsurface anomalies were observed at the charted berthing area.

A safety plan has also been developed for on-site personnel and potential overflight hazards with ashfall.

SOURCE CONTROL: The facility and pipeline were shut in on the morning of March 23, 2009 and all personnel from the facility were evacuated to the Trading Bay facility. The terminal and pipeline remain secured at this time.

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

FUTURE PLANS AND RECOMMENDATIONS: The State Emergency Coordination Center (SECC) cancelled the overflight scheduled for March 27, 2009 due to weather. No overflights are scheduled today due to weather and future overflights will be determined as weather permits. ADEC and the USCG will be coordinating to be part of the future overflights with AVO. Additionally, ADEC and USCG staff are planning overflights from Nikiski to complement the AVO overflights. AVO will determine if additional monitoring sites at DROT can be installed including a camera and seismometers to get the most up to date on-site information and aid personnel safety. Daily executive meetings between ADEC, USCG, and CIPL staff are scheduled for this weekend.

WEATHER: Today: Minor ashfall this morning north of Kenai. Numerous snow showers. Snow accumulation 1 to 2 inches. Highs in the 30s. Southwest wind 10 to 20 mph. Saturday: mostly cloudy in the morning then becoming partly cloudy. Highs in the upper 20s to mid 30s. South wind 10 to 20 mph.

AGENCY AND COMPANY LEAD REPRESENTATIVES:

C.I.P.L: Rodney Ficken
F.O.S.C.: CMDR Joseph LoSciuto (USCG Sector Anchorage)
S.O.S.C: Gary Folley (ADEC)

FOR ADDITIONAL INFORMATION CONTACT: Gary Folley, ADEC 262-5210 ext. 234 or
Situation Updates: http://www.dec.state.ak.us/spar/perp/response/sum_fy09/090324201/090324201_index.htm
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?volcname=Redoubt&page=images&eruptionid=610&limit=1>
(pages 1-3)
State/Federal Joint Command website:
http://www.dec.state.ak.us/spar/perp/response/sum_fy09/090324201/090324201_index.htm

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	Fax	swalden@borough.kenai.ak.us	262-4910	714- 2395
Ninilchik Traditional Council		Fax		567-4394	567-4395
City of Seldovia	Tim Dillon		citymanager@cityofseldovia.com	234-7643	234-7430
			Session/Interim		
House 34/Nikiski	Mike Chenault	Fax	Kenai 5/16 - 1/09 Juneau 1/10 - 5/15	283-7223 465-3779	283-7184 465-2833
House 33/Kenai	Kurt Olson	Fax	Kenai 5/16-1/09 Juneau 1/10 - 5/15	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	Fax	Homer 5/16 - 1/09 Juneau 1/10 - 5/15	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	Fax	Kodiak 5/16 - 1/09 Juneau 1/10 - 5/15	486-8872 465-2487	486-5264 465-4956