

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

**SITUATION REPORT**

**INCIDENT NAME:** Horseshoe Lake Mystery Sheen

**SITREP #:** 1

**SPILL NUMBER:** 05249902001

**LEDGER CODE:** 14144860

**TIME/DATE OF SPILL:** On January 20, 2005 at 4:25 PM the Department received an anonymous complaint of an oil sheen flowing from a storm drain outflow into Horseshoe Lake in Kodiak, Alaska.

**TIME/DATE OF SITUATION REPORT:** 1:00 PM May 9, 2005

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

**TYPE/AMOUNT OF PRODUCT SPILLED:** Heating oil. The actual amount released is unknown at this time. A moderate flow of oil sheen continues to discharge from the storm drain outflow into Horseshoe Lake during times of heavy rainfall.

**LOCATION:** The release is occurring in the vicinity of Horseshoe Lake in Kodiak, Alaska.

**CAUSE OF SPILL:** The exact cause of the spill is unknown however, multiple underground storage tanks are suspected as the source of the release. The Department is continuing an investigation to determine the source or multiple sources that may be causing the on-going release of oil into Horseshoe Lake.

**POTENTIAL RESPONSIBLE PARTY (PRP):** Several potential responsible parties are being investigated by the Department.

**RESPONSE ACTION:** On January 20, 2005 the Department received notification of an oil sheen flowing from a storm drain outflow into Upper Horseshoe Lake. The Coast Guard, City of Kodiak Public Works, Kodiak Fire Department and the consulting engineering firm that designed and installed the new storm water drainage system located the general area of oil input to the storm water system but not the source.

The Department hired a cleanup contractor to assist in locating and terminating the source of the spill, preventing additional oil from entering Horseshoe Lake, and cleaning up any recoverable oil. An ADEC responder accompanied the cleanup contractor and identified an active spill at a nearby residence located 1/8 of a mile uphill from Horseshoe Lake.

The homeowner hired Anderson Construction and BGES, Inc., both cleanup contractors, to excavate and inspect his underground storage tank. The contractors found at least 3 holes in the tank and extensive pitting. Anderson Construction and BGES excavated contaminated soil at his property and sampled the soil in the excavation. The soil analysis met the Department's cleanup criteria, although oil sheens were present in the water in the excavation at time of backfilling. The cleanup was completed on February 28, 2005 but light oil sheen continues to discharge from the storm drain outflow indicating that there are likely additional sources contributing to the contamination in Horseshoe Lake. The Department is working to hire a local contractor to provide containment and cleanup of the oil on the lake until a responsible party is identified.

**SOURCE CONTROL:** The Department is continuing the investigation and will determine if other sources may be causing the on-going release of sheen into Horseshoe Lake.

**RESOURCES AFFECTED:** The City of Kodiak's storm water drainage system and Horseshoe Lake.

**FUTURE PLANS AND RECOMMENDATIONS:** Two potential responsible parties with underground storage tanks have been identified as possible sources. The Department is currently working with them to evaluate their heating oil systems for leaks. If additional sources are identified, necessary actions will be taken to stop the release.

**WEATHER:** Partly cloudy, lows in the upper 30s to mid 40s and highs in the upper 40s to mid 50s. (National Weather Service)

**UNIFIED COMMAND AND PERSONNEL:**

S.O.S.C.: Gary Folley (ADEC)  
Field S.O.S.C.: Randy Dowd (ADEC)

**FOR ADDITIONAL INFORMATION CONTACT:** Randy Dowd (907) 262-5210 ext. 222 or Gary Folley (907) 262-5210 ext. 234.

## **AGENCY/STAKEHOLDER NOTIFICATION LIST**

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

<b>AGENCY</b>	<b>NAME</b>	<b>Sent Via</b>		<b>Telephone</b>	<b>Facsimile</b>
ADNR	Mary Walter	Email	<a href="mailto:mary_walter@dnr.state.ak.us">mary_walter@dnr.state.ak.us</a>	269-8568	269-8913
ADEC	Field Office, Kodiak EH	Email		486-3350	486-5032
USCG-MSO/KOD	Lt. Danielle Wiley	Fax		486-5918	487-5585
USCG-MSO/ANC	Captain Morris	Fax		271-6700	271-6751
US EPA	Matt Carr/Carl Lautenberger	Fax		271-3616	271-3424
<b>OTHER</b>	<b>NAME</b>	<b>Sent Via</b>		<b>Telephone</b>	<b>Facsimile</b>
PWS RCAC	John Devens	Fax		835-5957	835-5926
CIRCAC	Mike Munger	Fax/Email	<a href="mailto:munger@circac.org">munger@circac.org</a>	283-7222	283-6102
City of Kodiak	Linda Freed, City Manager	Fax		486-8640	486-8600
Kodiak Is. Borough	Michelle Stearns	Fax		486-9360	486-9396
			<b>Session/Interim</b>		
<b>House 36/Kodiak</b>	Dan Ogg	Fax	Kodiak 5/16 - 1/09 Juneau 1/10 - 5/15	486-8872 465-2487	465-5264 465-4956
<b>Senate R/Kodiak</b>	Gary Stevens	Fax	Juneau 5/16 - 1/09 Juneau 1/10 - 5/15	486-4925 465-4925	486-3517 465-3517



Storm drain outflow showing the oil sheen