

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

**SITUATION REPORT**

**INCIDENT NAME:** EAFB Product Recovery Tank Spill     **SITREP #:** 3 and Final

**SPILL NUMBER:** 04239904301

**LEDGER CODE:** 14117360

**TIME/DATE OF SPILL:** 12:08 AM, February 12, 2004. Elmendorf Air Force Base (EAFB) contacted trooper dispatch at 3:32 AM, February 12, 2004.

**TIME/DATE OF SITUATION REPORT:** 3:30 PM, February 17, 2004.

**TIME/DATE OF THE NEXT REPORT:** This is the final report.

**TYPE/AMOUNT OF PRODUCT SPILLED:** JP-8 Jet Fuel, EAFB estimates 8814 gallons spilled.

**LOCATION:** West Ramp Pumphouse Building 13196, EAFB.

**CAUSE OF SPILL:** An electronics problem with the powerplant's fuel system sensors caused an overflow of the powerplant's 5,000 gallon product recovery tank.

**POTENTIAL RESPONSIBLE PARTY (PRP):** Elmendorf Air Force Base.

**RESPONSE ACTION:** Free product recovery and mechanical removal of contaminated snow was completed over the weekend. EAFB contractor revised estimates of total recovered fuel to 1100 gallons of JP-8 and 117 gallons of water based on Emerald Services (Emerald) processing figures. A total of 58 truckloads of contaminated or potentially contaminated snow were removed for treatment (estimated 130 to 260 gallons of fuel recovered). A total of 44 truckloads or 845 tons of contaminated soils to date have been removed and transported to a thermal treatment facility.

PERP Project Manager met with EAFB Civil Engineering's Project Manager and their consultant February 17. EAFB's consultant, Weston Solutions, is performing site characterization work to further define the extent of the spill impact area (reference the spill extent drawing). Four borings, drilled up to 24 feet below grade, were used to delineate the subsurface and lateral extent of the spill impact area.

Spilled fuel concentrating in the ditch down gradient from the pumphouse has permeated the soil. Fuel observed seeping into excavated areas of the ditch is being removed and highly concentrated areas are being identified for additional removal. An additional excavator is being employed to achieve maximum soil removal efficiency along with constant monitoring of site conditions to direct soil removal activities.

Efforts to further delineate the spill impacted area between Fairchild Avenue and the pumphouse will be completed today. The existing groundwater monitoring wells near the spill site will be sampled today for potential groundwater contamination.

**SOURCE CONTROL:** EAFB manually activated the emergency shut down at the pumphouse after the supply fuels control center indicated an overflow at the product recovery tank. Fuel truck filling operations from the powerplant's hydrant system is still down for testing but may be back in service tomorrow. EAFB diagnostic tests and investigations are continuing on the fuel system malfunctions at the pumphouse.

**RESOURCES AFFECTED:** Gravel pad. Fuel covered approximately 1,000 square feet of gravel surface outside the pumphouse. Potential groundwater contamination.

**FUTURE PLANS AND RECOMMENDATIONS:** The existing groundwater monitoring wells are to be sampled for potential fuel contamination near the spill site. Soil boring logs will be reviewed to further characterize soil

profile and determine movement of fuel release. IPPP staff will continue to coordinate with EAFB to ensure appropriate prevention measures are implemented as necessary. Because of potential groundwater impacts and the site's history, this case will be transferred to ADEC's Contaminated Sites Program for project management.

**WEATHER:** Calm and scattered clouds, 10 degrees F.

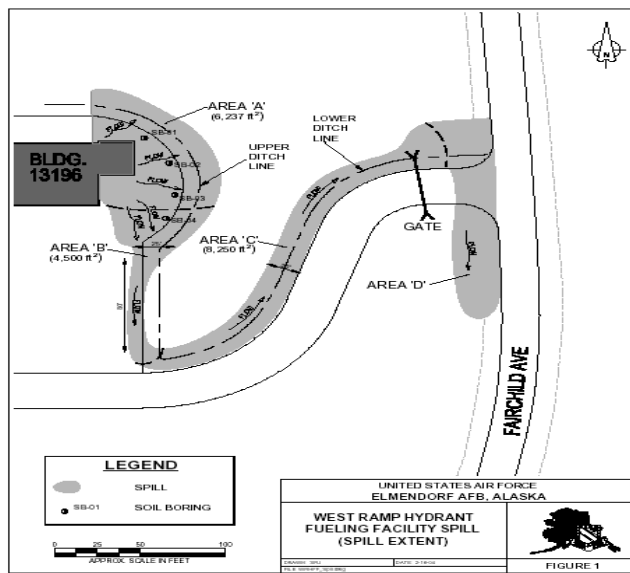
**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: John Mahaffey, Civil Engineering Squadron  
S.O.S.C.: Gary Folley  
Field S.O.S.C.: Harry Young

**FOR ADDITIONAL INFORMATION CONTACT:** Frank Wesser @ 907- 269-7542.

**AGENCY/STAKEHOLDER NOTIFICATION LIST**

AGENCY	NAME	Sent Via		Telephone	Facsimile
ADNR	Clark Cox	Email	<a href="mailto:Clark_Cox@dnr.state.ak.us">Clark_Cox@dnr.state.ak.us</a>	269-8565	269-8913
ADOT-AIA	Monique Garbowicz	Fax/Email		266-2129	266-2622
Dept of Law	Craig Tillery	Email	<a href="mailto:craig_tillery@law.state.ak.us">craig_tillery@law.state.ak.us</a>	269-5275	278-7022
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USCG-MSO/ANC	Captain Morris	Fax		271-6700	271-6751
US EPA	Matt Carr/Carl Lautenberger	Fax		271-3616	271-3424
OTHER	NAME	Sent Via		Telephone	Facsimile
CIRCAC	Mike Munger	Email	<a href="mailto:munger@circac.org">munger@circac.org</a>	283-7222	283-6102
Cook Inlet Keeper	Bob Shavelson	Email	<a href="mailto:Bob@inletkeeper.org">Bob@inletkeeper.org</a>	235-4068	235-4069
Muni. of Anch.	Tracy Matthews	Fax		343-1401	343-1441
Gov't. Hill Comm. Council	Stephanie Kesler	Email	skesler@gci.com	265-5617	
Mnt. View Comm. Council	Paul Palinski	Fax		276-4639	276-4639
			<b>Session/Interim</b>		
House18/Anchorage	Nancy Dahlstrom	Fax	Eagle River 5/16 - 1/09 Juneau 1/10 - 5/15	622-3783 465-3783	622-3784 465-2293
Senatel/Anchorage	Fred Dyson	Fax	Eagle River 5/16 - 1/09 Juneau 1/10 - 5/15	694-6683 465-2199	694-1015 465-4587



Spill extent drawing near the pumphouse.



Fuel seeping into recently excavated ditchline near gated entrance to powerplant.