

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

SITUATION REPORT

INCIDENT NAME: Sand Point Abandoned Drum Site **SITREP #:** 3

SPILL NUMBER: 07259904601 **LEDGER CODE:** 14242960

TIME/DATE OF SPILL: The exact time and date of the releases is unknown, the situation was reported to ADEC on February 15, 2007 at 12:00 P.M. by the Environmental Protection Agency (EPA)

TIME/DATE OF SITUATION REPORT: 3:00 P.M. August 27, 2007

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

TYPE/AMOUNT OF PRODUCT SPILLED: It was previously reported that there are approximately 580 drums identified by ADEC staff on an April 13, 2007 site visit. During a site visit July 6-11, 2007 ADEC staff marked the drums with an identification number. A total of 605 drums are at the site. One hundred twenty one drums (a potential of 6655 gallons) had ruptured and released their contents into the environment. The specific content of the drums is unknown; however, during the July 6, 2007 site visit ADEC personnel performed field screening of 18 drums in storage cell #2 with Chlor-D-Tect kits, photo-ionization detector, and coliwasa drum samplers. The field screening indicated the contents of those drums to be diesel fuel, used oil, and water.

Some drums are actively leaking and pooled oil is evident in two of the drum storage cells with liners. There is significant surface staining in each of the 4 storage cells. Two of the storage cells are lined but the liner is only marginally effective. There is evidence that oil has leached into the ground when it overflowed the secondary containment. In two storage cells the drums are placed directly on the ground without a liner.

LOCATION: Sand Point, Alaska in an old rock quarry between the airport and town.

CAUSE OF SPILL: Drums have been accumulating at the site for up to 10 years. Some drums have leaked as a result of the drum's decaying integrity and other drums have ruptured when the contents froze.

POTENTIAL RESPONSIBLE PARTY (PRP): The parties who generated the waste and deposited the drums are extensive. The majority of the drums and oil are from a vehicle removal program conducted a few years ago by the City of Sand Point. Additional drums have been deposited at the site as a result of marine vessel maintenance, heavy equipment maintenance, and vehicle maintenance. The land is owned by Shumagin Corporation and the City of Sand Point, the quarry is being operated by the City of Sand Point.

RESPONSE ACTION: The EPA, ADEC, the City of Sand Point and the Unga, Qagun Tayagungin, Pauloff Harbor tribes and Shumagin Corporation are coordinating their efforts to clean up this site. Those efforts include: characterize the contents of the spilled oil, characterize the contents of the drums, clean up the spilled oil & contaminated water, dispose of the contents of the drums, and clean up soil at the site. A Quality Assurance Program Plan (QAPP) is currently in draft form and will be implemented when analytical samples are collected and for handling of the drums contents.

On August 9, 2007 three ADEC responders traveled to the drum site to complete characterization of the drums' contents. The City of Sand Point hired three additional workers under the general supervision of ADEC to assist with the liquid consolidation, drum cleaning, and crushing. The drum characterization was completed on August 22, 2007. Approximately 40 drums still need to be consolidated into a used oil tank. The City of Sand Point is awaiting parts for the repair of a tank that will be used to contain the remaining used oil.

SOURCE CONTROL: Drums identified which were leaking have been characterized and the contents of those drums have been redistributed into used oil tanks or other sound drums until their contents can be recycled.

RESOURCES AFFECTED: Soil and groundwater may be affected. The cities drinking water source is within a mile of the site.

FUTURE PLANS AND RECOMMENDATIONS: As outlined in the Quality Assurance Project Plan the consolidated liquids will be tested by a third party contractor. Oils and substances which failed the Chlor-D-Tect will be tested for total halogens and PCBs by using EPA analytical method SW 8260 and EPA 8082. Oils which pass the Chlor-D-Tect will be tested for flash point, metals (As, Cd, Cr, Pb), total halogens, total PCBs. If the analysis determines that the oil contents are below the levels shown in 40 CFR 279.11 the oil is considered on spec and can be used in two local oil burners operated by the City of Sand Point. If the contents of the used oils are above the levels identified in 40 CFR 279.11 then the oil must be recycled or disposed in Anchorage or the lower 48.

Water removed from the oil drums and liner, have been run through a water filtration system of sorbent materials and a reactivated carbon filter system. Water that has completed that process will be tested for lead, arsenic, chromium, cadmium, volatile organic compounds, and PCBs.

Easily recyclable products include: gasoline, diesel fuel, and antifreeze. Gasoline and diesel fuel will need to be filtered before they can be reused. The City of Sand Point has an antifreeze recycler that can be used to recycle any antifreeze that is collected during the consolidation effort.

Soil contamination needs to be characterized for all compounds identified in all the hazardous waste analysis in addition to petroleum hydrocarbons. Upon completion of site characterization a cleanup plan should be submitted to ADEC for approval and final cleanup.

Additionally, the City of Sand Point will build a gate across the entrance to the quarry to prevent any additional drums being abandoned at the drum site.

WEATHER: Mostly cloudy, areas of fog, highs in the mid 50s, NW winds 15 MPH.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander	Paul Day, City of Sand Point
S.O.S.C.:	Gary Folley, ADEC
Field S.O.S.C.:	Eric Henry, ADEC

FOR ADDITIONAL INFORMATION CONTACT: John Brown at 269-7688

AGENCY/STAKEHOLDER NOTIFICATION LIST

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

AGENCY	NAME	Sent Via		Telephone	Facsimile
USCG Sector Anchorage	U.S. Coast Guard Sector Anchorage, Response Incident Management Division	Fax		271-6700	271-6751
USEPA	Matt Carr	Fax		271-3616	271-3424
USEPA	Gay Santana	E-Mail			
OTHER	NAME	Sent Via	Session/Interim	Telephone	Facsimile
City of Sand Point	Paul Day	Fax		383-2696	383-2698
Native Village of Unga	Heather	Fax		383-5218	383-2415
Qagun Tayagungin Tribe	Dana Osterback	Fax		383-5616	383-5814
Pauloff Harbor Village		Fax		383-6075	383-6090
Shumagin Corporation		Fax		383-3525	383-5356
Senate S/Bethel	Lyman Hoffman	Fax	Bethel/Juneau	465-4453	465-4523
House 38/Unalaska	Bryce Edgmon	Fax	Anchorage 5/16 - 1/09 Juneau 1/10 - 5/15	269-0275 465-4451	269-0274 465-3445



Panoramic view of the drum site 8.23.07. (Photo by Eric Henry – ADEC)