



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

CHANGES FROM PREVIOUS SITREPS ARE DENOTED IN RED

Sand Point Abandoned Drum Site

SITREP: # 4 and Final

SPILL #: 07259904601

TIME/DATE OF DISTRIBUTION: 10:00 a.m. August 29, 2012

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 ten 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.

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

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

TYPE/AMOUNT OF PRODUCT SPILLED: During a site visit in July 2007, ADEC staff marked the drums with an identification number. A total of 605 drums were at the site and 121 drums (a potential of 6,655 gallons) had ruptured and released their contents into the environment. Also during the 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 were actively leaking and pooled oil was evident in two of the drum storage cells with liners. There was significant surface staining in each of the four storage cells. Two of the storage cells were lined but the liner was only marginally effective. There is evidence that oil leached into the ground when it overflowed the secondary containment. In two storage cells the drums were placed directly on the ground without a liner.

CAUSE OF SPILL: Drums have been accumulating at the site for up to 12 years. Some drums have leaked as a result of the drums' decaying integrity and other drums have ruptured when the contents froze.

SOURCE CONTROL: On August 23, 2007, all the drums that were leaking were characterized and the contents of the drums were consolidated into larger tanks or other sound drums until the contents were recycled or properly disposed of at local facilities. Or they were retained until addition characterization of the drum contents could be completed.

RESPONSE ACTION: In August of 2008, a contractor for the of city of Sand Point completed the characterization of twenty-seven 55-gallon drums and of seven large aboveground storage tanks (ASTs) used to consolidate all the liquids during the initial consolidation efforts. Each of the 55-gallon drums and ASTs were sampled individually and determined whether they contained used oil that met the EPA's criteria for disposal by energy



recovery. All of the ASTs and two of the 55-gallon drums were determined to contain used oil that could be used for energy recovery. Upon further analysis in May 31, 2012, thirty-one drums were tested and it was determined that the rest of the drums containing regulated hazardous waste could be consolidated into three drums. This met the criteria for out of state disposal. The city's third party contractor sampled the soils in the area at the initial drum storage locations to develop a cleanup plan for the cleanup of contaminated soil at the site.

During July of 2010 and upon receipt of an ADEC approved cleanup plan, the contractor completed the cleanup of the contaminated soil at the four stockpile locations. The 1,192 cubic yards of soil was placed in two separate biocells for remediation. A biocell is a soil stockpile where horizontal piping is placed to enhance air circulation within the stockpile and fertilizer is added to promote biological degradation of the oil contaminated soil. In addition three other surface stained areas were cleaned up in the quarry where nine cubic yards of soil was removed and placed in a third biocell.

RESOURCES AFFECTED: The soil and gravel in the rock quarry was impacted. The city's drinking water source is within one mile of the site. Water quality sampling by the city has found no impact to the city's water quality.

FUTURE PLANS AND RECOMMENDATIONS: ADEC will continue to monitor the soil remediation process which is scheduled for completion within the next two years. The disposal of the three drums of contaminants that require out of state disposal is expected to happen by the end of this year at which time ADEC will close the case.

WEATHER: Alaska Peninsula: Rain with patchy fog, highs in the 50's. South winds 15-30 mph, wind gust to 50 mph through channel terrain.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Paul Day, Sand Point, City Manager
SOSC: Steve Russell, ADEC

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

FOR ADDITIONAL INFORMATION CONTACT:

John Brown, ADEC, (907) 269-7688
john.brown@alaska.gov

AGENCY/STAKEHOLDER NOTIFICATION LIST: This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor's office, Senator Begich's office, State Emergency Operations Center, U.S. Department of the Interior, National Marine Fisheries Service, U.S. Fish and Wildlife Service, and other state agencies. This situation report was also distributed to the following agencies and stakeholders:

AGENCY/STAKEHOLDER NOTIFICATION LIST

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
City of Sand Point	Paul Day	Email			
ADNR	Clark Cox	Email	clark.cox@alaska.gov	269-8565	269-8913
ADF&G	Brad Dunker	Email	Bradley.dunker@alaska.gov	267-2541	267-2499
USCG Sector Anchorage	USCG Anchorage Office	Fax		271-6700	271-6751
EPA	Robert Whittier	Fax	Whittier.robert@epa.gov	271-3616	271-3424
AK Maritime Wildlife	Steven Delehanty	Email/Fax	steve_delehanty@fws.gov	226-4627	235-7783

Refuge					
House 37/Dillingham	Bryce Edgmon	Fax	Anchorage 5/16 - 1/09 Juneau 1/10 - 5/15	269-0275 465-4451	269-0274 465-3445
Senate S/Bethel	Lyman Hoffman	Fax	Juneau	465-4453	465-4523



Spill cleanup and drum consolidation effort after July 11, 2007



Spill cleanup and drum consolidation after August 23, 2007