



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

SITUATION REPORT (SITREP)



Shungnak School Tank Heating Oil Release

SITREP # 1

SPILL #: 20389917201

TIME/DATE OF DISTRIBUTION: June 22, 2020, at 8:00pm

POTENTIAL RESPONSIBLE PARTY (PRP): Native Village of Shungnak, Shungnak Native Store, Northwest Arctic Borough School District, Alaska Village Electric Cooperative (AVEC), Crowley Fuels LLC

INCIDENT LOCATION:

Shungnak School Tank #1 in Shungnak, Alaska (Lat/Long: 66.887140, -157.135677)

TIME/DATE OF SPILL: June 20, 2020, at approximately 12:30 p.m.

HOW/WHEN SPILL WAS DISCOVERED AND REPORTED:

Onsite personnel discovered overfill when checking the tanks at 1:06 p.m. on June 20, 2020. The Native Village of Shungnak reported the spill at 1:11 p.m.

TYPE/AMOUNT OF PRODUCT SPILLED:

The spilled product is heating oil that overflowed from Tank #1. The volume of fuel that spilled is estimated at approximately 15,000 gallons. This estimate is based on the total volume pumped from the fuel delivery barge minus the volume of fuel that went into tanks.

CAUSE OF SPILL:

The tank was overfilled during a fuel delivery from a barge on the Kobuk River. The fuel delivery was scheduled for the Shungnak Native Store and AVEC tanks located in a different tank farm that shares the same marine header. The fuel delivery pipeline from the marine header is connected to a 3-way valve that directs fuel to two tank farms. The valve was not completely closed in the direction of the school tanks and the fuel entered tank #1 and overflowed.

SOURCE CONTROL:

Fuel transfer operations from the barge to the tank farm have ceased, controlling the source.

RESPONSE ACTION:

A response crew from Shungnak responded to the spill immediately, removing the spilled heating oil using sorbent material and also by pumping it into containers. After initial notifications, the Field Incident Commander walked the area to determine the extent of the spill and sent response personnel to collect spilled heating oil when identified. An excavator was mobilized to the area to begin removing contaminated soil in the area near the tank farm. No injuries have been reported.

Region 8: Northwest Arctic

EPA and ADEC have formed a Unified Command but due to Covid-19 travel restrictions, there is not currently an agency presence at the spill site. ADEC is working closely with the Field Incident Command to maintain communication and progress of the cleanup.

RESOURCES AT RISK OR AFFECTED:

The Kobuk River and drinking water well that serves the population of Shungnak are potential resources at risk. The extent of contamination has been reported by the Incident Commander to be approximately 160 feet from the Kobuk River and approximately 295 feet from the Shungnak drinking water source. The Kobuk River is listed as an anadromous stream in the Alaska Department of Fish and Game's stream inventory.

There have been no reports of impacts to wildlife or the shoreline.

FUTURE PLANS AND RECOMMENDATIONS:

ADEC will continue to monitor the response actions and review plans being developed to clean up contaminated soils from the area and prevent heating oil migration to nearby resources. An investigation is being conducted to identify the cause of the spill.

WEATHER:

Today: Cloudy. High 52°F with winds W at 5 to 10 mph. Tonight low around 40°F and winds W at 5 to 10 mph. Chance of rain 10-20%.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Evelyn Woods, Native Village of Shungnak

SOSC: Graham Wood, ADEC

FOSC: Dale Becker, EPA

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

FOR ADDITIONAL INFORMATION CONTACT: Graham Wood, SOSC, ADEC (907) 269-7557

<https://dec.alaska.gov/spar/ppr/spill-information/response/>

Region 8: Northwest Arctic



Approximate area of the spill (Photo: June 20, 2020, A.Norris/Native Village of Shungnak)

Region 8: Northwest Arctic



Tank farm where spill took place, Shungnak, Alaska (Photo: June 20, 2020, A.Norris/Native Village of Shungnak)

Region 8: Northwest Arctic

AGENCY/STAKEHOLDER NOTIFICATION LIST: This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor'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 | NAME | SENT VIA | ADDITIONAL INFORMATION | TELEPHONE | FAX |
|-------------------------------------|-----------------------|-----------|---|---------------------------------|----------------------|
| Senate T- Nome | Donny Olson | Email | Senator.Donny.Olson@akleg.gov Juneau (1/18-4/15) Anchorage (4/20-1/15) | 465-3707 269-0254 | 465-4821 269-2031 |
| House 40 | John Lincoln | Fax | Representative.John.Lincoln@akleg.gov | 465-3473 | |
| Alaska State Troopers | Kotzebue | Fax | | 442-3222 | 442-3221 |
| ADF&G | Al Ott / Jack Winters | Email | al.ott@alaska.gov jack.winters@alaska.gov | 459-7289 or 459-7285 | |
| USCG-Sector /ANC | USCG-Anchorage | Fax | | 428-4100 | 428-4114 (24 hr) |
| US EPA | Bob Whittier | Fax/Email | Whittier.robert@epa.gov | 206-553-1263 or 206-553-1264 | 271-3424 |
| Dept of Law Attorney General Office | Steven Mulder | Fax/Email | Steve.mulder@alaska.gov | 269-5274 | 278-7022 |
| North West Arctic Borough Mayor | Lucy S. Nelson | Email | | 442-2500 | 442-2930 |

