

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

**SITUATION REPORT**

**INCIDENT NAME:** Wrangell Seafoods Chlorine Release

**SITREP #:** 2

**SPILL NUMBER:** 04991128701

**LEDGER CODE:** N/A

**TIME/DATE OF SPILL:** Wrangell Seafoods, Inc. discovered the release at approximately 6:30 PM on October 13, 2004 and notified the Wrangell Fire Department who notified ADEC via the Spill Report Line at 7:00 PM on October 13, 2004.

**TIME/DATE OF SITUATION REPORT:** 12:00 PM on October 21, 2004

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

**TYPE/AMOUNT OF PRODUCT SPILLED:** Chlorine Gas. The Wrangell Fire Department estimated that the amount released was about 30 pounds. The 125 pound cylinder was reported to be approximately 50 % full at the time of the release and approximately 25% is left in the cylinder.

**LOCATION:** Wrangell Seafoods, Inc. facility at Wrangell, Alaska. (Lat: 56° 28 'N; Long: 132.2°W)

**CAUSE OF SPILL:** The Wrangell Fire Department reported that the release was caused by a leak in the cylinder valve, probably due to corrosion and lack of maintenance.

**POTENTIAL RESPONSIBLE PARTY (PRP):** Wrangell Seafoods, Inc.

**RESPONSE ACTION:** As soon as the leak was detected by the foreman of Wrangell Seafoods, Inc. all employees were evacuated from the facility. The Wrangell Fire Department responded to the release in level 'A' suits and secured the valve of the cylinder by 8:00 PM on October 13, 2004. The valve was secured in place using an 'A' Kit. The 'A' Kit is a temporary device used to secure the valve in place to prevent further release. ADEC staff consulted with the Anchorage Hazmat Team and conveyed their recommendation for response to the Wrangell Fire Department. The Fire Department transported the cylinder to a secured area awaiting proper disposal.

**SOURCE CONTROL:** The valve was secured by the Wrangell Fire Department using an 'A' Kit and the cylinder secured in a locked storage container away from the town.

**RESOURCES AFFECTED:** The chlorine dissipated into the air towards the ocean. No injuries were reported. The Wrangell Fire Department reported that there was no residual chlorine detected in the area of release on the morning of October 14<sup>th</sup>.

**FUTURE PLANS AND RECOMMENDATIONS:** Wrangell Seafoods Inc. has hired a firm to develop and carry out a disposal plan which satisfies the concerns of the Department. The consultant has submitted a site safety and disposal plan to the Department identifying the method to neutralize the chlorine gas on site. The chlorine gas will be added to a sodium hydroxide solution which will neutralize the chlorine and produce a non-toxic product (sodium chloride and water). This method of treatment has been determined to be the safest way for disposal of the remaining chlorine gas in the cylinder. The firm's chemical engineer determined that disposal at a remote site in Wrangell is safer than shipping the compromised cylinder to an approved facility for disposal. The neutralization procedure is currently scheduled to take place over the weekend of October 23, 2004. ADEC response staff will monitor the progress of the neutralization procedure.

**WEATHER:** Cloudy. Calm, approximately 45 degrees.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Levi Dow (Wrangell Seafoods, Inc.)  
 S.O.S.C.: Bob Mattson (ADEC)  
 Field S.O.S.C.: Bob Fultz (ADEC)

**FOR ADDITIONAL INFORMATION CONTACT:** Bob Fultz, ADEC at 723-6037 or 225-6200.

**AGENCY/STAKEHOLDER NOTIFICATION LIST**

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

<b>Organization</b>	<b>NAME</b>	<b>Sent Via</b>	<b>Session/Interim</b>	<b>Telephone</b>	<b>FAX</b>
USCG (MSO Juneau)	CDR John Sifling	Email	<a href="mailto:jsifling@cgalaska.uscg.mil">jsifling@cgalaska.uscg.mil</a>	463-2453	463-2445
USCG (MSO Juneau)	Lt. Gary Koehler	Email	<a href="mailto:gkoehler@cgalaska.uscg.mil">gkoehler@cgalaska.uscg.mil</a>	463-2470	463-2445
USCG (MSD Ketchikan)	Lt. Milo Ortiz	Email	<a href="mailto:MOrtiz@cgalaska.uscg.mil">MOrtiz@cgalaska.uscg.mil</a>	225-4496	225-4499
EPA	Matt Carr	Email	Sent via SITREP list	271-3616	271-3424
NMFS	Jon Kurland	Email	<a href="mailto:Jon.kurland@noaa.gov">Jon.kurland@noaa.gov</a>	586-7638	586-7358
SEAPRO	Dave Owing	Email	<a href="mailto:dave@seapro.org">dave@seapro.org</a>	225-7002	247-1117
Senate	Senator Stedman	Fax		225-8088	225-0713
House	Representative Wilson	Fax		874-3088	874-3055
Wrangell City Mayor/Manager		Fax		874-2381	874-3952
Wrangell Seafoods, Inc.	Levi Dow	Fax		874-2514	874-3035
Anchorage Hazmat	Hazmat Coordinator	Email	Sent via SITREP list	267-5066	279-2106
Fairbanks Hazmat	Tim Biggane	Email	Sent via SITREP list	459-1219	459-1499