

**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 #:** 3 and Final

**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 26, 2004

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

**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% remained in the cylinder when the leak was secured.

**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 cylinder was then placed in a secured area for proper disposal.

Wrangell Seafoods, Inc. hired Carson Dorn Inc. (CDI), who successfully completed neutralization of the remaining chlorine contained in the 125 lb. cylinder, at 10:00 AM on October 24, 2004. Upon completing the neutralization procedure, the decontaminated, empty cylinder was taken to the City of Wrangell's solid waste facility. The sodium hydroxide solution used in the neutralization process of the chlorine will be disposed of in the city's wastewater treatment facility under the direction of the Wrangell Public Works department.

**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:** There were no reports of either injuries or resource impacts.

**FUTURE PLANS AND RECOMMENDATIONS:** The City of Wrangell's Public Works department has said that Wrangell Seafoods Inc. has discontinued using chlorine gas for disinfection in their process water supply and is now using powdered sodium hypochlorite to maintain chlorine residual.

**WEATHER:** Partly 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 225-6200 or 723-6037.

## **AGENCY/STAKEHOLDER NOTIFICATION LIST**

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

Organization	NAME	Sent Via	Session/Interim	Telephone	FAX
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
City of Wrangell	City Mayor/Manager	Fax		874-2381	874-3952
Wrangell Seafoods, Inc.	Levi Dow	Fax		874-2514	874-3035
CDI	Dan Fremgen	Email		586-4447	
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



Photo 1. The chlorine cylinder after being emptied. Photo by Carson Dorn Inc.