

# STATE OF ALASKA

## DEPT. OF ENVIRONMENTAL CONSERVATION

### DIVISION OF SPILL PREVENTION AND RESPONSE CONTAMINATED SITES PROGRAM

SEAN PARNELL, GOVERNOR

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File: # 2100.38.085

Return Receipt Requested

Article No: 7007 3020 0000 1948 2719

September 22, 2009

Yelena Saville  
Municipal Light and Power  
1200 East First Ave.  
Anchorage, Alaska 99504

Re: Record of Decision; Municipal Light and Power (ML&P) Former Paint and  
Sign Shop Cleanup Complete Determination

Dear Ms. Saville:

The Alaska Department of Environmental Conservation, Contaminated Sites Program (ADEC) has completed a review of the environmental records associated with the Municipal Light and Power Former Paint and Sign Shop located at 940 East First Avenue in Anchorage, Alaska. Based on the information provided to date, it has been determined that the contaminant concentrations remaining on site do not pose an unacceptable risk to human health or the environment and this site will be closed.

This decision is based on the administrative record for Municipal Light and Power Former Paint and Sign Shop, which is located in the offices of the ADEC in Anchorage, Alaska. This letter summarizes the decision process used to determine the environmental status of this site and provides a summary of the regulatory issues considered in the Cleanup Complete determination.

#### Introduction

##### Site Name and Location

Municipal Light and Power Former Paint and Sign Shop  
940 East First Avenue  
Anchorage, AK 99504

##### Name and Mailing Address of Contact Party:

Yelena Saville  
Municipal Light and Power  
1200 East First Ave.  
Anchorage, Alaska 99504

##### ADEC Site Identifiers:

Hazard ID #2744  
ADEC Reckey # 1997210926501  
CS file # 2100.38.085

Regulatory authority under which the site is being cleaned up:  
18 AAC 75

### Background

A floor drain in the former paint and sign shop was the source of diesel contamination in soil discovered during demolition of the building

### Contaminants of Concern

During the various investigations at this site, soil and/or groundwater samples were analyzed for diesel range organics (DRO), residual range organics (RRO), gasoline range organics (GRO), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), metals, and volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylenes (BTEX). Based on analytical results from these investigations the following Contaminant of Concern was identified in soil:

- Diesel Range Organics (DRO)

### Cleanup Levels

The default soil cleanup levels for this site are established in 18 AAC 75.341, Method Two, Under 40 Inch Zone, Migration to Groundwater, Table B2.

Contaminant	Site Cleanup Level (mg/kg)
• DRO	250

### Site Characterization and Cleanup

Following removal of the building in 2004, a section of the concrete slab was removed to access the former floor drain. Approximately 5 cubic yards of petroleum contaminated soil was excavated and transported to Chemron Alaska for treatment. Confirmation soil samples did not contain contaminants above ADEC cleanup levels.

A groundwater sample was collected from temporary well point in the excavation. The solvents TCE and PCE were detected above ADEC groundwater cleanup levels, however these detections are similar to those found in nearby wells and are not believed to be from an on-site source. Furthermore, the solvent contamination was not detected in the overlying soil, and TCE and PCE concentrations are similar to those found in both upgradient and downgradient monitoring wells. Therefore it has been concluded that the ML&P property is located in an area-wide solvent plume that is the suspected source for this solvent contamination.

### Pathway Evaluation

Following investigation and cleanup at the site, human health exposure to the remaining contaminants in soil and groundwater was evaluated using ADEC's Exposure Tracking Model. The human health exposure pathways that were evaluated for this decision document included: inhalation of indoor and outdoor air, ingestion of soil, dermal contact with soil, and ingestion of groundwater. These pathways may be complete, but the remaining contamination is below the most stringent cleanup levels and does not pose a risk to human health or the environment.

The exposure pathway analysis above was supported by the most recent ADEC Exposure Tracking Model (ETM) ranking. The ETM results showed all pathways to be one of the following: De Minimis Exposure, Exposure Controlled, or Pathway Incomplete.

**ADEC Decision**

The cleanup actions to date have served to excavate and adequately remove contaminated soil from the site. Based on the information available, ADEC has determined no further assessment or cleanup action is required. There is no longer a risk to human health or the environment, and this site will be designated as closed on the Department's database.

Although a Cleanup Complete determination has been granted, ADEC approval is required for off-site soil disposal in accordance with 18 AAC 75.325(i). It should be noted that movement or use of potentially contaminated soil in a manner that results in a violation of 18 AAC 70 water quality standards is unlawful.

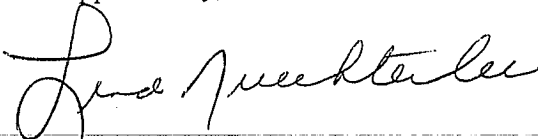
This determination is in accordance with 18 AAC 75.380(d) and does not preclude ADEC from requiring additional assessment and/or cleanup action if future information indicates that this site may pose an unacceptable risk to human health or the environment.

**Appeal**

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.195 -18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. Informal review requests must be delivered to the Division Director, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 15 days after receiving the department's decision reviewable under this section. Adjudicatory hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 30 days after the date of issuance of this letter, or within 30 days after the department issues a final decision under 18 AAC 15.185. If a hearing is not requested within 30 days, the right to appeal is waived.

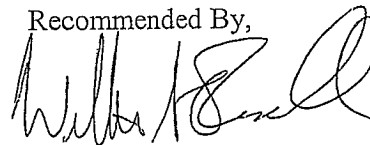
If you have questions about this closure decision, please contact ADEC Project Manager William O'Connell at (907) 269-3057.

Approved By,



Linda Nuechterlein  
Environmental Manager

Recommended By,



William O'Connell  
Environmental Program Specialist