



December 10, 2010

Mr. Grant Lidren
ADEC
555 Cordova Street
Anchorage, AK 99501

Well Closure Report
Anchorage Beverage Plant
240 West 1st Avenue, Anchorage, AK
ADEC Hazard I.D. # 24878, File No. 2100.26.174
URS Project No. 26220861

Dear Mr. Lidren:

URS Corporation (URS) was contracted by The Odom Corporation (Odom) to conduct well decommissioning activities at 240 West 1st Avenue in Anchorage, Alaska (Figure 1). This report has been prepared in response to a request by the State of Alaska, Department of Environmental Conservation (ADEC) on October 5, 2010. The activities described in this report were conducted in accordance with the "*Work Plan-Well Decommissioning, Anchorage Beverage Plant*" dated October 21, 2010 prepared by URS. The work plan was approved by ADEC on October 22, 2010.

1.0 BACKGROUND

On July 8, 1997, the two unleaded gasoline fuel USTs, dispensers, and associated piping were removed from the site. Tank 1 was a 2,000-gallon capacity UST that was located west of the Customer Pick-up/Deliveries entrance. Tank 2 was a 1,000-gallon UST that was located approximately 100 feet east of Tank 1 on the opposite side of the Customer Pick-up entrance. Groundwater monitoring activities have been conducted at the Tank 1 site since May 2000 to evaluate the nature and extent of petroleum hydrocarbons in groundwater below the site utilizing well MW-1 that was installed near the former dispenser island (Table 1). Wells MW-2 and MW-3 were installed in 2009 north of the former UST (Tank 1). Groundwater monitoring data collected in August 2010 indicate depth to groundwater below the site is approximately 6.5-feet below ground surface. Based on significant decreased concentrations of fuel constituents at the site from June 2009 to August 2010, ADEC granted Odom's request for site closure on October 5, 2010.

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Mr. Grant Lidren
ADEC
December 10, 2010
Page 2

2.0 FIELD ACTIVITIES

URS conducted well decommissioning activities at the site in accordance with the ADEC approved work plan. URS subcontracted Discovery Drilling of Anchorage, Alaska to decommission three wells that were formerly used for site characterization and groundwater monitoring activities at 240 West 1st Avenue in Anchorage, Alaska. The locations of the three wells are shown in Figure 2. The well specifications are presented in Table 1. Photographs of the well decommissioning activities are presented in Appendix A.

On November 11, 2010, URS supervised the decommissioning of wells MW-1, MW-2, and MW-3 at the site. The well decommissioning was conducted in accordance with ADEC's February 2009 "*Monitoring Well Guidance*". Each well was decommissioned by removing the well casing and backfilling the borehole. The URS field representative checked each well prior to commencing the decommissioning activities to determine if the well casings are free of obstructions. All of the wells were determined to be free of obstructions.

Initially, the well enclosure boxes were removed. The area around the well casing was excavated to a depth of 1.5 to 2 feet bgs. The entire lengths of all three well casings were removed from their respective boreholes. The polyvinyl chloride well casings were removed using the drill rig (Photographs 1 and 2, Appendix A). Once the well casings were removed, each borehole was filled from the bottom up with an impervious grout material recommended by ADEC.

The grouting operation was undertaken in one continuous operation. The final 4-inches were backfilled with cold asphalt patch. After completion of the decommissioning activities, the well sites were restored to their original condition.

The ADEC has determined that groundwater quality at the site will likely not pose a significant risk to human health, safety or welfare, or to the environment. The well decommissioning activities therefore complete the required regulatory compliance actions for the Anchorage Beverage Plant. A cleanup complete with institutional controls determination should be granted by ADEC for the UST spill release-ADEC File No. 2100.26.174.



Mr. Grant Lidren
ADEC
December 10, 2010
Page 3

If you have any questions regarding the well closure activities at the 240 West 1st Avenue site in Anchorage, Alaska, please contact me at (907) 261-6736.

Sincerely,

URS Corporation

A handwritten signature in black ink, appearing to read 'William Loskutoff'.

William Loskutoff, P.G.
Project Manager

Attachments: Table 1 – Well Specifications
Figure 1 – Location Map
Figure 2 – Well Locations

Cc: Mr. Gordon Mandt-Odom

TABLES

TABLE 1 - WELL SPECIFICATIONS
Anchorage Beverage Plant, 240 West 1st Avenue Anchorage, Alaska

Well Number	Date Installed	Location	Total Depth (in feet bgs)	Well Screen Interval (in feet bgs)	TOC Elevation ¹	Groundwater Elevation ²
MW-1	5/24/2000	Former dispenser island	19	9 to 19	17.77	10.90
MW-2	5/28/2009	Northeast of former UST	22	12 to 22	17.22	10.82
MW-3	5/28/2009	Northwest of former UST	22	12 to 22	17.25	10.75

bgs = below ground surface

MW = monitoring well

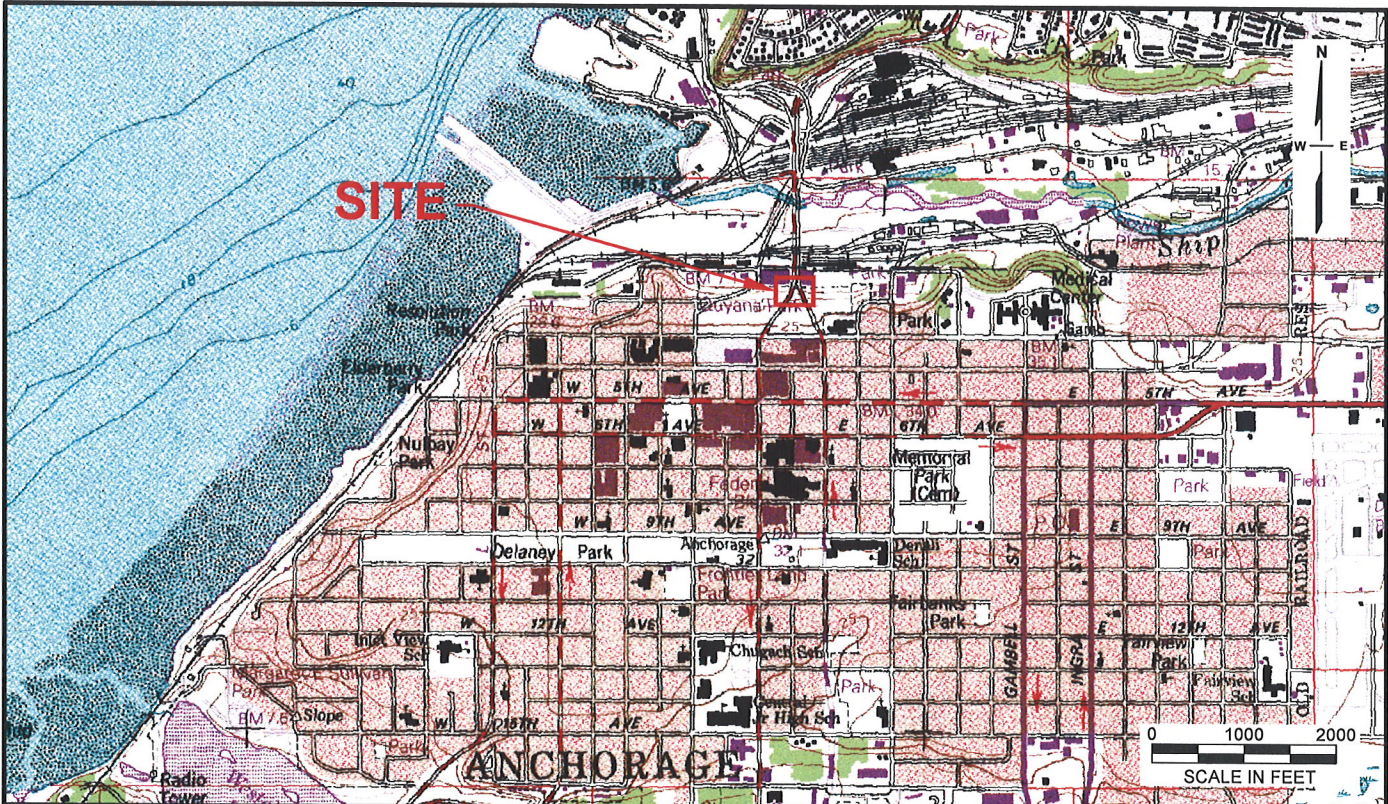
TOC = top of well casing

UST = underground storage tank

1) Elevation in feet above Mean Sea Level (MSL) datum [1972 National Geodetic Survey] measured by Karabelnikoff Surveying July 7, 2009.

2) Groundwater elevations based on depth to groundwater measured on August 12, 2010

FIGURES



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Sources: USGS 1:25,000 Topographic Map Series Anchorage (A-8) NW Quadrangle, 1994; Google, inc.

**THE ODOM CORPORATION
WELL CLOSURE REPORT**

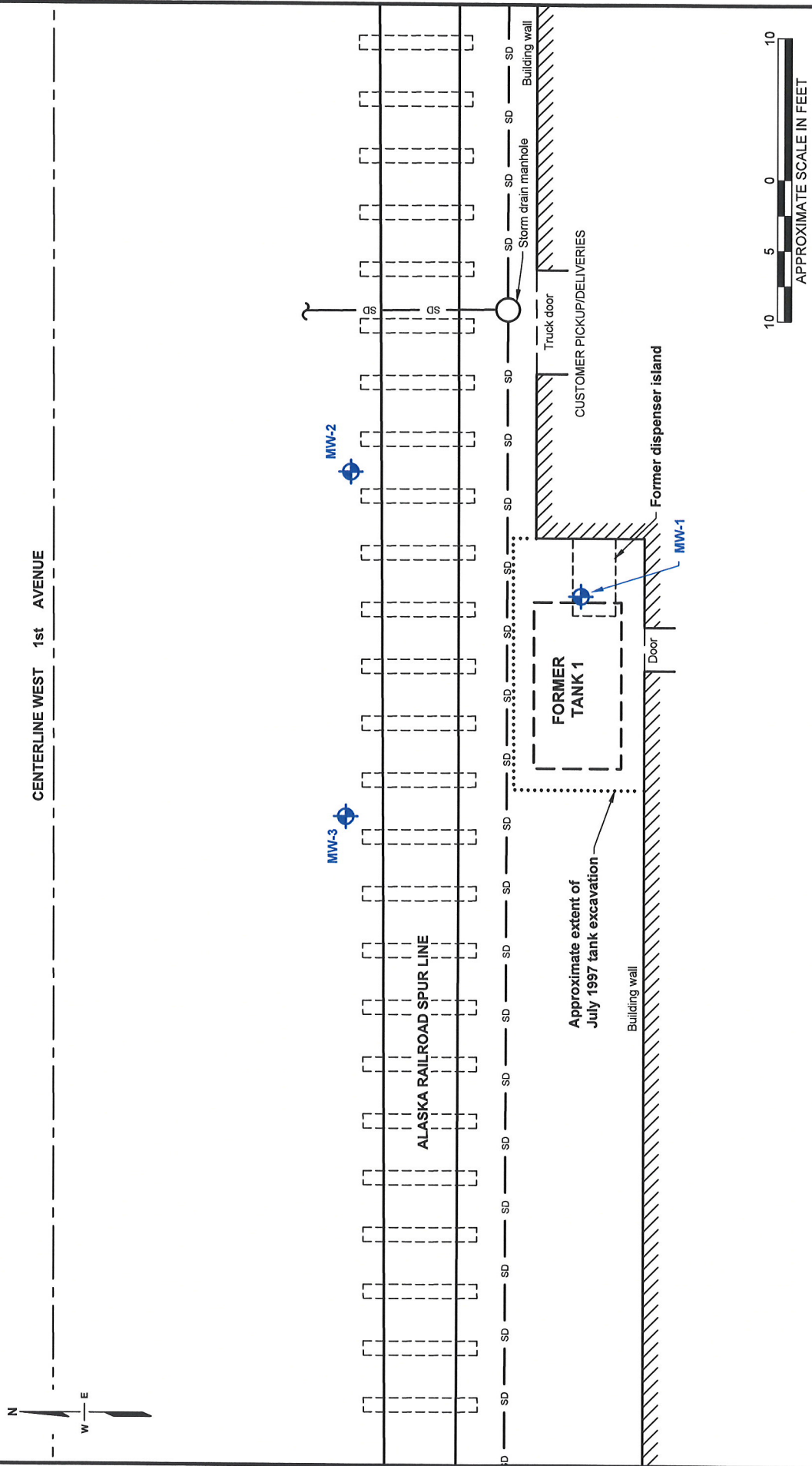
LOCATION MAP

**240 WEST 1st AVENUE
ANCHORAGE, ALASKA**



JOB NO: 26220861	DRAWN: ELK
DATE: DECEMBER 2010	FILE: 26220861 WC.DWG

FIGURE 1



THE ODOM CORPORATION
WELL CLOSURE REPORT



WELL LOCATIONS
240 WEST 1st AVENUE
ANCHORAGE, ALASKA

JOB NO: 26220861 DRAWN: ELK
DATE: DECEMBER 2010 FILE: 26220861 WC.DWG

FIGURE 2

LEGEND

- Groundwater monitoring well
- Underground storm drain utility

APPENDIX A
PHOTOGRAPHS



Photograph 1 Abandonment of MW-2 November 11, 2010.



Photograph 2 MW-2 removed November 11, 2010.