



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Transportation and
Public Facilities

Statewide Design and Engineering

3132 Channel Drive
P.O. Box 112500
Juneau, AK 99811-2500
907-645-6964

July 10, 2019

Grant Lidren
Alaska Department of Environmental and Conservation
555 Cordova St
Anchorage, AK 99501

Re: Kalsin Bay Landfarm Report

Dear Mr. Lidren:

The Alaska Department of Transportation and Public Facilities (DOT&PF) retained R&M Consultants, Inc. to observe removal of the Class V injection well components and perform environmental soil sampling in support of closure of the Class V injection well at the DOT&PF Kalsin Bay Maintenance Station on Kodiak Island at Kalsin Bay, Alaska. The Class V injection well removal occurred in August 30, 2016 after the Maintenance Station was lost to a fire in August 2014. In total approximately 36 cubic yards of contaminated material was placed on a 20-mil coated woven liner during well removal. The stockpile consists of soil with fine silt and sand with a mix of 2 inch or smaller wash rock. Stockpiled soil was field screened by collecting samples from at least 18 inches below the surface at different elevations spread across the pile. The horizontal and vertical distribution of field screening locations were selected in accordance with DEC Field Sampling Guidance (DEC, 2016).

On April 25, 2017 DOT&PF contacted the Kodiak Landfill requesting disposal of the 36 cubic yard stockpile remaining on site. DOT&PF was informed that the Kodiak Landfill was not accepting petroleum contaminated soil, but were negotiating with DEC to accept contaminated soil in the future. DOT&PF contacted DEC on 7/22/2018 requesting status with the Kodiak Landfill permit and were informed the permit is not expected to be modified.

On April 1, 2019 DOT&PF requested to landfarm the 36cy stockpile with DRO detected above the cleanup level of 230 mg/kg at 477 and 562 mg/kg in accordance with the DEC Technical Memorandum Landfarming at Sites in Alaska (March 2011). June 18, 2019 DOT&PF personally spread the soil at the approved storage cell location without a liner (Figures 1 -2). The soil is spread 8 - 12 inches in depth (Photo 2). The weather during the landspread activity was partly cloudy and 55 degrees with a total of 0.56 inches of precipitation over the past 60 hours. The soil will be tilled and turned using a track hoe 2-3 times every month to promote remediation.

"Keep Alaska Moving through service and infrastructure."

Photos of the process are included in Appendix A of this report. Should you require additional information regarding the report, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Erik Norberg', written over a horizontal line.

Erik Norberg

Stormwater Manager, Statewide Environmental, DOT&PF

cc. Tom Renninger, Juneau, Southcoast Region
Robert Greene, Kodiak Aleutian District
Marcus Zimmerman, Juneau, Southcoast Region
Doug Kolwaite, Juneau, Statewide Environmental

Appendix A

Figures 1 & 2

Photos

Date Saved: 10/5/2016 9:35:45 AM by cte11 Z:\GIS\Projects\2010\14 Kalsin Bay Maintenance Station\Map Documents\Inject Well Closure\A-02 Inj Well Closure Area Map.mxd



ALL LOCATIONS ARE APPROXIMATE

0 150 300 600



APPROXIMATE SCALE IN FEET

IMAGE: FROM ESRI ONLINE 'WORLD IMAGERY'
DIGITALGLOBE, 4/17/2011



DWN:	C.D.F.
CKD:	K.M.M.
DATE:	OCT. 2016
SCALE:	AS SHOWN

PREPARED BY: R&M CONSULTANTS, INC.

KALSIN BAY MAINTENANCE STATION
KODIAK ISLAND, ALASKA

AREA MAP

FB:	N/A
GRID:	KODIAK C-2
PROJ.NO:	2010.14
DWG.:	A-02

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DWN:	C.D.F.
CKD:	K.M.M.
DATE:	OCT. 2016
SCALE:	AS SHOWN

PREPARED BY: R&M CONSULTANTS, INC.

KALSIN BAY MAINTENANCE STATION KODIAK ISLAND, ALASKA
INVESTIGATION LOCATIONS

FB:	N/A
GRID:	KODIAK C-2
PROJ.NO:	2010.14
DWG.:	A-03



Photo 1. View of the stockpile cell located on the north side of the property. The photo is facing northwest.



Photo 2. The depth of the landfarm material is 8–12 inches.



Photo 3. View of the material facing south.



Photo 4. View of the material facing northeast.



Photo 5. View of the material facing east.