



October 25, 2017

Sally Schlichting

Environmental Program Manager I

Alaska Department of Environmental Conservation

410 Willoughby Ave, Suite 303

PO Box 111800

Juneau, AK 99811-1800

RE: End of Season Project Status Update Report, Wrangell Solid Waste Monofill

Ms. Schlichting,

NRC Alaska and NORTECH are pleased to provide the following Project Status update for the Wrangell Solid Waste Monofill Construction Project. As we have discussed, our goal is to provide a status update on a weekly basis, with photos, maps and notes as appropriate so that all interested parties may remain apprised on progress in the field on a regular basis. We are currently performing work as detailed in the Inactive Rock Pit Development Plan, prepared by Ahtna, dated November 18, 2017 and the Wrangell Junkyard Repository Basis of Design, prepared by Ahtna, dated June 9, 2017, and the Storm Water Pollution Prevention Plan (SWPPP) for the project as detailed under Alaska Pollutant Discharge Elimination System (APDES) permit # AKR10FQ51. This Project Status Update covers project activities as performed between July 27, 2017 and October 21, 2017.

Project Activities:

Activities during the 2017 field season were focused on the construction of the Base Drain at the monofill site, the preparation of the Chimney Drain, stockpiling of rock in anticipation of the 2018 field construction season, implementation of initial SWPPP measures and road maintenance.

Project activities accomplished:

- NRC Alaska and BW Enterprises prepared the Monofill Site by removing debris, and loose rock from the pit's bottom and sidewalls
- BW Enterprises re-established the upper pit access road along the east side of the monofill site
- BW Enterprises has constructed the 2' Base Drain 6" rock layer has been completed, a skim coat of D1 has been added to the top of the Base drain as required
 - **NORTECH** and PDC Engineers surveyed the constructed Base Drain
 - The survey drawings will be submitted when completed

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- We expect that new calculations for the monofill height may be made based on the increased area of the pit
- BW Enterprises hauled a total of 9,650 cubic yards of 6" minus rock for the construction of the Base and Chimney Drains, and to stockpile in anticipation of 2018 construction work
- BW Enterprises hauled a total of 1,550 cubic yards of D1 to the Site for use in pit prep, Base Drain, with about 200 cubic yards of this material used for maintenance of Pat's Creek Road
- **NORTECH** performed weekly SWPPP inspections
- **NORTECH** collected water and sediment baseline samples from the Pat's Creek watershed
 - A report of these findings will be submitted separately
- All NRC and **NORTECH** staff had demobilized from Wrangell by October 1, 2017
- BW Enterprises conducted final seasonal maintenance of Pat's Creek Road during the first week of October, and has demobilized all equipment

Project Challenges Encountered:

- Several rain storm events occurred during the pit prep and road maintenance work, similar events could cause project delays during the monofill construction
- Some local public opposition to the project exists that has required additional outreach

Anticipated Project activities:

- **NORTECH** will inspect the monofill Site monthly per the SWPPP requirements, and also inspect the existing stockpile
 - Inspection schedule is as follows: 10/30/17, 11/28/17, 12/19/17, 1/30/18, 2/27/18 and 3/20/18
- NRC, **NORTECH** and BW Enterprises plan to mobilize during the last week of March 2018 in Anticipation of Project start-up April 2, 2018.

We trust this information is adequate to meet your needs. If you have any questions, please feel free to contact NRC Alaska or **NORTECH** at your convenience.

Sincerely,

NORTECH

Jason Ginter, PMP

Principal, Juneau Technical Manager

NRC Alaska

Dan Strucher

Sr. Project Manager

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Photo 1: Monofill Site, Base Drain complete, start of Chimney Drain



Photo 2: Stockpiled rock at Monofill Site



Photo 3: Stockpiled rock at Monofill Site