



APDES INSPECTION REPORT

Alaska Department of Environmental Conservation
 Division of Water
 555 Cordova Street, Anchorage, AK 99501

Section 1: General Data

Permit Number	Announced / Unannounced	Receiving Waters	Inspection Date
Number: AKR10FA22	Announced	Tributary Creek	Date: 11/10/2016
Effective: 2/23/2016			Entry Time: 6:00 am
Expiration: 1/31/2021			Exit Time: 1:00 pm

Section 2: Facility Data

Name of Facility: Hecla Greens Creek Mine Tailings Storage Facility

On-Site Representative/Physical Address:

Name: David Landes
 Title: Senior Environmental Engineer
 Address: 4P.O. Box 32199
 Juneau, AK 99803-2199
 Phone: 907-790-8420
 Email: dlandes@hecla-mining.com
 Latitude/Longitude at the outfall: 58.117222
 -134.749166 (taken from NOI).

Responsible Party/Mailing Address:

Name: Christopher Wallace
 Title: Environmental Manager
 Address: P.O. Box 32199
 Juneau, AK 99803-2199
 Phone: 907-789-8184
 Email: cwallace@hecla-mining.com

Additional Inspection Participants:

Kristi Asplund - ADEC

For internal use only:
 SIC: 1629

Section 3: Findings

Background/Regulatory Status/Compliance History

The Hecla Greens Creek Mining Tailings Storage Facility at Greens Creek Mine, AK is covered under the Construction General Permit (CGP) Authorization Number AK10FA22. Permit coverage was issued on 5/7/2015 and expired on 1/31/2016 due to the expiration of the 2011 CGP. Hecla resubmitted an NOI and was issued a new authorization on 2/24/2016 with an expiration date of 1/31/2021.

A routine inspection under the Alaska Pollutant Discharge Elimination System (APDES) Program was conducted on November 10, 2016 and covers the operational periods between 4/30/2015 and 11/10/2016.

Field Inspection

Upon arrival at the Hecla Greens Creek Mine, introductions were exchanged and inspector credentials were presented.

The following information was provided verbally by onsite representatives:

- Construction is in winter shut down.
- Temporary stabilization was completed in September.
- Inspections occurred weekly until the end of October.
- Inspection will occur monthly during winter shut down.

- The contractor was already off-site.
- Construction will resume after break-up.
- The construction is in the 1st phase.
- Non-contact storm water will discharge to the surrounding wetlands.
- The tailing storage facility will be a permanent feature after the mine closes.
- The construction is approximately 30-acres.
- Two wet wells were constructed.
- Piezometers were installed.

The following observations were made by ADEC inspectors:

- No sheen or scum was observed.
- Temporary pumps and emergency pumps are installed and accessible.
- Pond 10 has temporary plastic stabilization.
- Some of the plastic tore during a windstorm.
- Gullies are developing on the slopes facing towards the wetlands.

Sampling	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
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Sampling was not conducted during this inspection.

Records Review

The following records were reviewed as part of the inspection and are considered complete:

- Storm Water Pollution Prevention Plan (SWPPP)
- Notice of Intent (NOI)
- NOI Modifications
- Inspection Reports
- Permit Eligibility related to Endangered Species Act
- Copy of Permit
- Corrective Action Logs
- Rainfall Monitoring Data
- Employee Training Logs
- SWPPP Delegation of Signature Authority

Section 4: Compliance

Violations

N/A

Areas of Concern

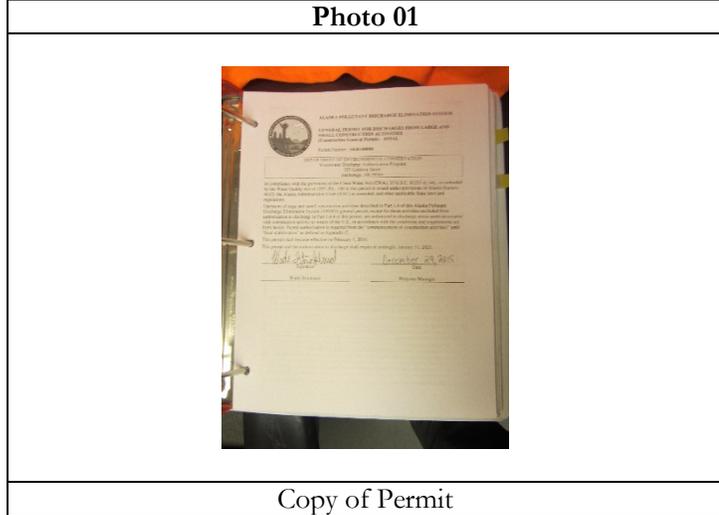
Please note that AK-CESCL certifications for several of the contractors will expire before construction resumes and one certification expired in May 2016.

Section 5: Appendixes

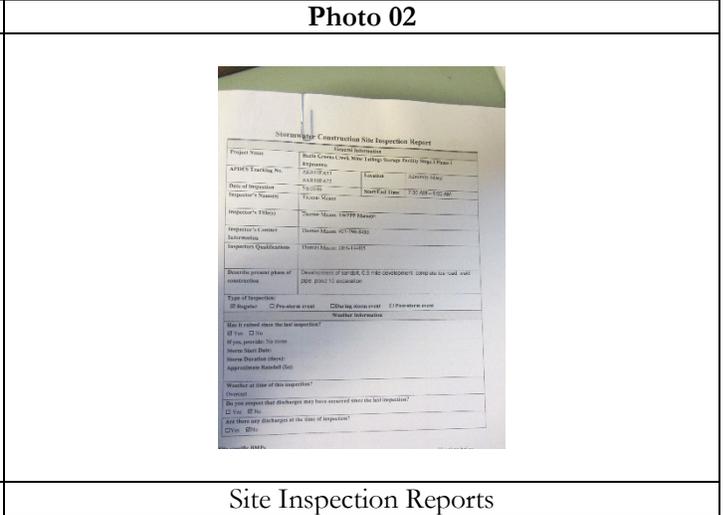
1. Photo Addendum

Signature	
<p>Name – Katrina Chambon Credential Number: R-0187 Phone: (907) 269-7550 E-mail: Katrina.chambon@alaska.gov</p>	<p> Date: 11/28/2016</p>

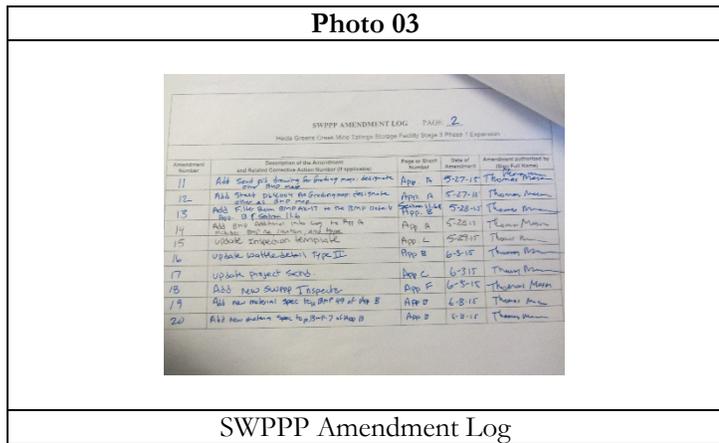
Photo Addendum



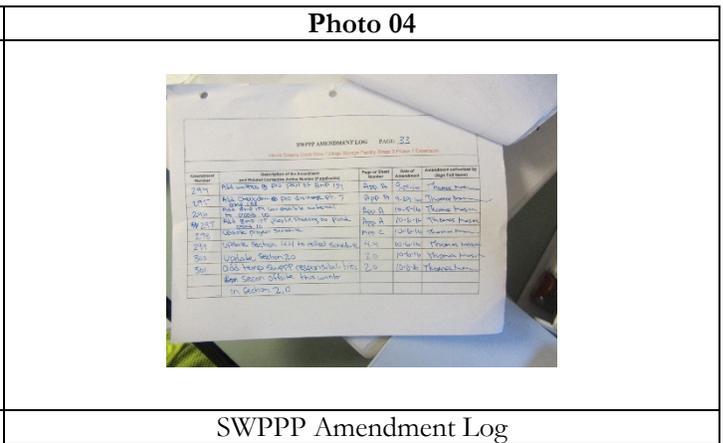
Copy of Permit



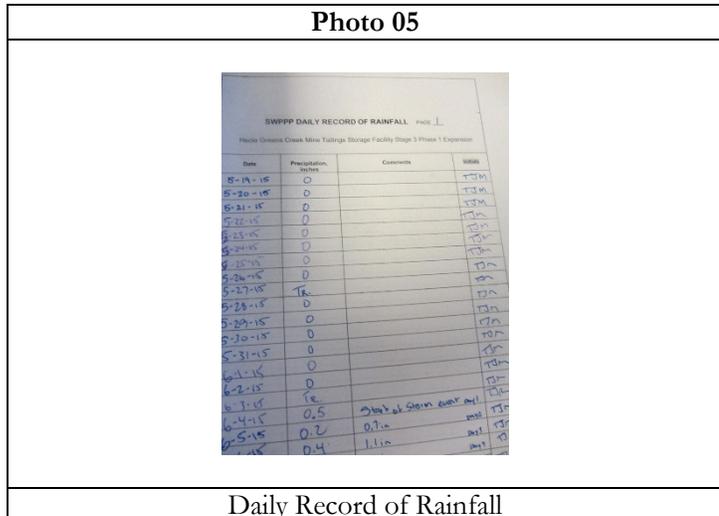
Site Inspection Reports



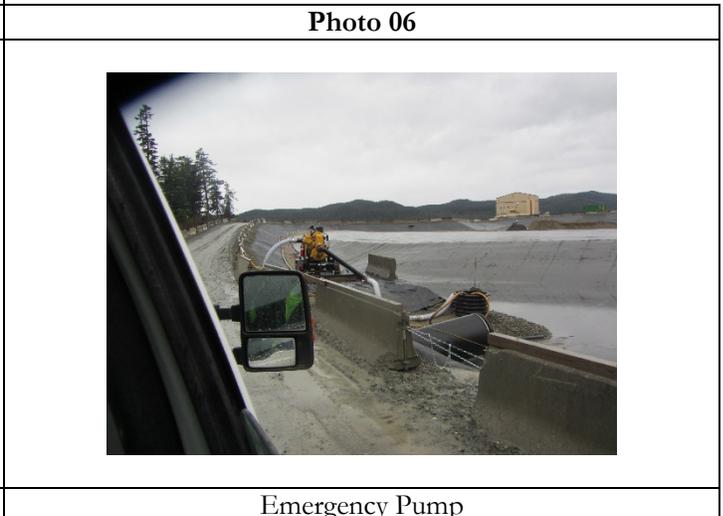
SWPPP Amendment Log



SWPPP Amendment Log



Daily Record of Rainfall



Emergency Pump

Photo Addendum

Photo 07



Temporary Stabilization and Wind Torn Liner

Photo 08



Temporary Stabilization and Wind Torn Liner

Photo 09



Slope Erosion