INSPECTION REPORT: GREENS CREEK MINE

Tongass National Forest Minerals Group
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Date of Inspection: Thursday, June 11, 2015
Date of Report: Tuesday, June 16, 2015
USDA Forest Service Inspector: Curtis Caton

Ranger District: Admiralty National Monument, Juneau Ranger District
Weather Conditions: Morning rain clearing by afternoon. Temperatures in the upper 50's (◦F).

Exploration in accordance with operating plan	Not Applicable
Timber removal following timber sale contract	Not Applicable
BMPs for erosion control	Satisfactory
Water Quality BMPs	Satisfactory
Public safety & fire prevention	Satisfactory
Reclamation work adequate and timely	Satisfactory
Roads maintenance adequate and current	Satisfactory
Tails placement in accordance with plan	Satisfactory
Waste Rock placement in compliance	Satisfactory
Company supervision of operation	Satisfactory
Operating in a clean and orderly manner	Satisfactory

Any conditions noted as UNSATISFACTORY will require follow up action by the Mine Inspector and a written memorandum to the operator, outlining the necessary work.

NEW REMARKS

Ward Air Cessna Float Plane provided transport.

Mitch Brooks (Environmental Engineer, Hecla Greens Creek Mining Company) accompanied Matthew Reece (Minerals Program Manager, US Forest Service), and Curtis Caton (Geologist, US Forest Service) on this inspection.

The site inspection included the A and B access roads, Young Bay, Pit 7, A Road Sandpit, 1350, 920, Tailings Disposal Facility (TDF), and Site E.

ACTION ITEMS

- **No action items were documented during this inspection**

YOUNG BAY

LED lights have been installed on the light poles; the light poles were installed earlier this spring near the Young Bay crew ferry terminal. The lights will illuminate the corner of the A road between Young Bay and the contractor parking area for safety (Photo 01-02).

PIT 7

Canada thistle has germinated at Pit 7. HGCMC has begun manual pulling to mitigate the spread of the invasive species.

SAND PIT

Expansion of the A road sandpit is progressing; felled timber has been moved and stacked. Heavy equipment has formed a cut at the location of the old pit wall for excavation of the sandpit material. Upon excavation, the material is run through a sorter and stockpiled for future use at the mine (Photo 03-05).

1350

No recent activity to report at the 1350, area has stabilized from reclamation activities last season (Photo 06).

920

The 920 warehouse yard has been reorganized; the wooden storage shacks have been removed and a concreted slab has been added along the building. The addition of an overhanging roof extending from the warehouse will cover the concreted slab from precipitation. Shelves will be installed on the concrete slab along the warehouse wall for better organization of yard supplies (Photo 07).

The 920 warehouse parking pad has had approximately 3 feet of rock added across the entire surface to mitigate the preferential flow that was developing on the southwest corner.

The 920 underground road base pile has been corrected at the portal; the barriers have been reestablished, and the surrounding area cleaned up (Photo 08).

TAILINGS DISPOSAL FACILITY

Deposition of tailings on the northwest expansion of the TDF has concluded and interim reclamation activities are stabilizing that portion of the TDF (Photo 09-13).

The southern expansion of the TDF is progressing with heavy equipment stripping the vegetative layer/soil. HGCMC plans to only open narrow strips of ground to minimize storm water runoff and to avoid creating a large open area that would become a muddy hazard (Photo 14-15).

SITE E

HGCMC has stockpiled operational aggregate at site E. The operational aggregate will be stockpiled at Site E until needed for underground mining operations (Photo 16).

FOLLOW UP ITEMS

- **Exploration drill sites**

PHOTOS
(Images available upon request)

Photo 01. Lighting project at Young Bay.

Photo 02. Lighting project at Young Bay, LED light shown.

Photo 03. A Road Sandpit.

Photo 04. A Road Sandpit.

Photo 05. A Road Sandpit.

Photo 06. 1350 reclamation area.

Photo 07. 920 Warehouse storage project location.

Photo 08. 920 underground road rock storage area.

Photo 09. Northwest expansion of TDF.

Photo 10. Northwest expansion of TDF.

Photo 11. Northwest expansion of TDF.

Photo 12. Northwest expansion of TDF.

Photo 13. Northwest expansion of TDF.

Photo 14. Excavation of soil at southern end of TDF.

Photo 15. Southern TDF.

Photo 16. Site E.

Thanks to HGCMC for a safe visit.
U.S. Forest Service Officer: /s/ Curtis Caton