



INSPECTION REPORT

Alaska Department of Environmental Conservation

Division of Water
410 Willoughby Ave, Juneau, AK 99811

ADEC Inspection Form
Last updated (4/08)

Inspector:
Kenwyn George
907-465-5313

Section A: General Data

Inspection Date	Permit #	Borough	Receiving Waters	Weather	Facility Type
February 25, 2010	AK-005057	N/A	E. Fork Slate Creek	Light rain, then none / light snow at mill Temp ~ 36F.	Tailings Treatment Facility
Discharges to: Surface Water <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/>				ANNOUNCED Inspection	

Section B: Facility Data

Name and Location of Site/ Facility Inspected		Entry Time	Permit Effective Date
Tailings Treatment Facility (TTF) dam construction and Acid Rock Drainage area adjacent to LSL.	Loc: Lat: 58d 49' 58"N Long: 134d 57' 58"W	08:00	September 1, 2005
	Source: NPDES permit	Exit Time 11:30	Permit Expiration Date August 31, 2010
On-Site Representative		Additional Participants:	
Kevin Eppers, Env. Superintendent		Sarah Samuelson, USFS	
Responsible Official(s):		Yes No	
Clyde Gillespie, Surface Operations Manager, Kevin Eppers, Environmental Superintendent x Contacted	TTF: Nick Lewallen, Construction project manager, Chief Engineer, Jen Stetz, Tetra Tech	Samples Taken?	X
		Photos Taken?	X
		Analytical Results?	X
Clyde: 523-3309 Kevin: 523-3328			

Section C: Findings/Comments

FIELD INSPECTION

USFS plane departed Juneau for the site at 8:00 AM, arrived at the site at 8:30 AM, departed Kensington 11:00 AM and returned to Juneau via USFS chartered Ward Air plane.

Man camp: the two new units located at the upper camp are complete such that 120 beds are available in the units. Some Artic tents still remain for the construction crew.

We initially looked at the trench adjacent to the road between the mill and Snowslide Gulch. The pipe has not yet been laid in the trench, however the optical and electrical lines are in the trench.

Construction status:

Preparatory work under way for the grout trench at the base of the dam. Tailings pipe laid to the "Alpine" area of the spur road to the Tailings Treatment Facility.

Construction activities in progress:

At the dam site preparatory work for the grout trench drill rig was under way. Rock was being cut away from the west embankment. This rock is to be checked to see if it is Graphitic Phyllite before ultimate disposal. The east abutment had been prepared for the drill rig and the graphitic phyllite material placed adjacent to the access road, at the bottom of the slope, until it can be moved to the temporary ARD storage site in Pit 4. This will occur after the tailings pipe has been laid and the road restored.

The polyethylene pipe for transporting tailings to the TTF was being jointed at the TTF offices location. The pipe had been laid, and backfill was under way to the "Alpine" area and the trench dug to the vicinity of the TTF offices.

Proposed construction activities for the following 1-2 weeks:

Work will continue on the grout trench; this should be complete in 2-3 weeks. Pipelaying will continue towards the TTF.

Other:

Tailings Treatment Facility

This is still being dewatered occasionally. The sediment bags at the end of the pipe where it enters East Fork Slate Creek have been recently replaced. There was not a lot of sediment in the old bags.

ARD site seep water treatment

The seep water treatment plant was operating at approximately 11 gpm, and the effluent pH was around 7.5.

Graphitic Phyllite storage cell:

Three men were seen on the pile re-aligning polyethylene sheet that had been displaced by the wind.

Storm water

New rock had been placed in sections of the road and water bars were being constructed at the time of the visit. Of note is the long run down the spur road to the TTF before the storm water is able to exit. The reason for this is that if the water was diverted earlier it would intermingle with surface flows from springs. At the location where the water is discharging the sediments can be captured behind silt fences and in forest duff. As rains and flows down the road increase a close watch should be kept on this part of the storm water transport system such that excess erosion does not occur along the road.

SAMPLING ACTIVITIES – None conducted.

SUMMARY

Any issues requiring action by Coeur or the state agencies?

1. Continue storm water maintenance activities to minimize channel flows within the road system and ponding of water on the road.

Section D: Compliance/Recommendations

ADMINISTRATIVE VIOLATIONS

None

POTENTIAL WATER QUALITY VIOLATIONS

None.

Section E: Appendices

1: Photographic record.

Signature

Kennya George

03/01/10

Signature only acknowledges receipt of this report. Inspection report given to:

Inspector
Division of Water

Date

Company (if applicable):

Date

PHOTO ADDENDUM – KENSINGTON TAILINGS DISPOSAL FACILITY –DECEMBER 10, 2009



PHOTO 1. FIBER OPTIC AND ELECTRIC CABLES



PHOTO 2. DAM FROM EAST EMBANKMENT



PHOTO 3. PREPARATORY WORK ALONG GROUT TRENCH



PHOTO 4. EAST EMBANKMENT PREPARED FOR DRILL RIG



PHOTO 5. EAST EMBANKMENT, GRAPHITIC PHYLLITE TEMPORARY STORAGE WHERE THE TRUCK IS LOCATED.

PHOTO 6. GENERAL VIEW OF THE TTF AND DAM AND THE LOCATION FOR THE TAILINGS PIPE IN THE TRENCH IN THE FOREGROUND.