Agenda

• Overview
• Tailings Annual Report Summary
• Tailings FWMP Report Summary
• Site 23 Annual Report Summary
• 920 FWMP Annual Report Summary
• Biomonitoring Report Summary
• Wednesday Tour Details
Overview

- Problems and important events
- Production statistics
- Exploration activities
- Inspections
- Spills and releases
- Disturbances and water usage
- Construction activities
- Reclamation activities
- 2011 planned projects, including the EIS
- NPDES/APDES overview
2010 Production Statistics

- 2206 tons/day mined
- 2193 tons/day milled
- 15 shipments of cons
  - 204,000 tons
Exploration Statistics

• **2010 Activities**
  - Drilled 13 holes (21,798 feet)
  - Three pads were distal from the mine (East Ridge area) and five pads were in the immediate mine area (Killer Creek, Cub Creek, and West High Sore area)
  - Continued same environmental controls as developed in the 2004-2005 drill seasons

• **2011 Plans**
  - 21 holes at 9 sites (36,400 feet)
Inspections

- USFS: 16
- ADEC: 3
2010 Spills

• No nationally reportable spills

• Four reportable within 48 hours to ADEC-SPAR
  • >10 but <55 gallons to land (3)
  • >55 gallons to containment (1)

• All hydraulic oil

• Blown hoses
Disturbances and Water Usage

- East Ridge area – 14 acres (6 acres tailings placement)

- Sand Pit - 1.48 acres

- Up to 700 gpm Greens Creek withdrawal (creek flow dependent) for mine and mill use

- Variable Cannery Creek withdrawal for truck wash, camp and port uses
2010 Construction and Other Activities

- Cleaned sediment from the lined degrit basins that were installed in 2009
- Replaced the geomembrane at the inlet area to Pond 7 with concrete to create a permanent inlet channel
- Expanded the 1.4 mile A Road sand pit in support of the planned East Ridge tailings expansion
- Performed geotechnical investigation in the East Ridge area to support foundation design work
- Resurfacing 920 (phase 1), diversion to Bruin Creek, field surveys in proposed tailings expansion area, EIS
2011 Planned Activities

- East Ridge development
- Geotechnical drilling program
- Resurfacing 920 area (phase 2)
- 920 dry expansion
- 3 mile bridge
- Collection system for storm water flows at Hawk Inlet
- Field surveys
Reclamation Activities

• 2010 completed production rock removal
  • Site E: 40,000 cubic yards
  • 1350: 9,000 cubic yards

• 2011 planned production rock removal
  • Site E
  • Site 1350

• Closure projects
Site E Waste Rock Removal Activities – July 8, 2010
Existing Tailings Facility (looking north)

Dry Stack Method of Tailings Disposal
Existing Tailings Facility (Looking north)

Approximate Extent of Tailings Expansion (~15 million tons)

Hawk Inlet

B Road

08/04/2010
And Continued Operations Means “More of the Same”

- **Same** Tailings Site Preparation and Liner System
- **Same** Tailings Disposal Techniques
- **Same** Environmental Management Procedures
- **Same** Proposed Reclamation Measures
- Utilization of **Same** Existing Infrastructure
NEPA Process

- Environmental Impact Statement – EIS
  - Analyze alternatives to and effects of the proposed project
  - Analyze impacts to resources
    - aesthetics and visual, climate and air quality, cultural/heritage, geology and geochemistry, water quality/hydrology, fisheries and wildlife including subsistence, land use and noise, socioeconomics, soils, and vegetation including wetlands
  - Solicit input from the public
  - Coordinate with cooperating agencies
NEPA Schedule

- Retain 3rd Party Consultant
  August 2010
- Publish NOI in Federal Register
  September 2010
- Hold Scoping Meetings in Juneau and Angoon
  October 2010
- Finish Scoping - Identify Issues and Alternatives
  Nov – Dec 2010
- Release Draft EIS
  Winter 2011
- Receive and Analyze Comments in Draft EIS
  Winter – Spring 2012
- Release Final EIS and Record of Decision
  Summer 2012
- Implement Decision (after 45 days assuming no administrative appeals)
  Summer – Fall 2012
NPDES/APDES Overview

• ADEC primacy November 1, 2010

• Draft Greens Creek permit public comment
  – Began April 1st
  – 7 comment letters received

• State response to comments