



Greens Creek Annual Meeting  
June 8, 2010



# 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
- NPDES Permit Overview



## Overview

- Problems and important events
- Production statistics
- Exploration activities
- Inspections
- Spills and releases
- Disturbances and water usage
- Construction activities
- 2010 planned projects
- Reclamation activities





## 2009 Production Statistics

- 2150 tons/day mined
- 2167 tons/day milled
- 16 shipments of cons
  - 173,000 tons





# Exploration Statistics

- 2009 Activities
  - Drilled 5 holes (8,778 feet)
  - All pads were in immediate mine area
  - Continued same environmental controls as developed in the 2004-2005 drill seasons
- 2010 Plans
  - 13 holes at 8 sites (20,000 feet)
  - Currently restricted by Roadless Rule



# Inspections

- USFS: 12
- ADEC: 5
- EPA: 1
- CBJ: 1



## 2009 Spills

Date	Location	Quantity spilled (gal)	Spilled material	Description of Incident
3/11/09	con shed	400	fresh water with some cons	Pipeline in the con shed broke, likely due to previous freezing and subsequent thawing.
6/1/09	6.7 B road	183,000-425,000	collected stormwater	hole in 8" stormwater line was found; leak was likely caused in Oct. 08
6/9/09	4.1 B road	82,000 - 166,000	mill WTP effluent water	hole in 10" line was found in a seam; likely caused in Oct. 08
7/23/09	4.6 B road	300-400	collected stormwater	new pipeline connection into the 8" stormwater line at Site E failed when put under pressure
8/11/09	portal/Greens Creek	5000	drill mud/water	while drilling, permeable material was encountered that allowed the drill mud to flow away from the drill site and downgradient to seeps that entered Greens Creek
9/23/09	HI truck pad	15 lbs	copper sulfate	copper sulfate leaked from a hole in the bottom of a seavan onto the top of another seavan



## Disturbances and Water Usage

- No new disturbances
- 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



## 2009 Construction Activities

- Commissioned Pond 6
- Built lined degrit basins at Tailings
- Dug test pits in the East Ridge
- Replaced intake screens in Greens Creek
- Replaced concentrate storage building roof



## 2010 Planned Activities

- East Ridge
- Geotechnical drilling program
- Sand pit
- Resurfacing 920 area
- Field surveys
- Install fish pass



## Reclamation Activities

- 2009 completed production rock removal
  - Site E: 40,000 cubic yards
  - Pond D berm: 4500 cubic yards
- 2010 planned production rock removal
  - Site E
  - Site 1350
- Closure projects ongoing



**Site E Waste Rock Removal Activities - August 11, 2009**



**Pond D Activities August 2009, showing replacement of berm material**