

Kensington Gold Project 2010 Annual Report

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2. Kensington Marine Mammal Report – 2010 Transportation Action Strategy, November 2010, Liz Flory, Juneau, AK
3. TSF Ecological Monitoring: Upper Slate Lake Dolly Varden Survey, January 2011, Liz Flory, Juneau, AK
4. Terrestrial Wildlife Monitoring Plan – Slate Lakes Basin, January 2011, Aquatic Science Inc, Juneau, AK

References

1. Coeur Alaska, Inc., 2010, Kensington Gold Project NPDES Permit AK-005057-1 Annual Water Quality Monitoring Summary Volume 1: Aquatic Resource Surveys 2010.
2. Coeur Alaska, Inc., 2010, Kensington Gold Project NPDES Permit AK-005057-1 Annual Water Quality Monitoring Summary 2010 Volume 2: Water Quality Data.

Introduction

The Kensington Gold Project is owned and operated by Coeur Alaska, Inc. (Coeur) a wholly owned subsidiary of Coeur d'Alene Mines, Inc. The project is located on the western and southern flanks of Lions Head Mountain; between Berners Bay and Lynn Canal; and in the drainages of Johnson, Sherman, and Slate Creeks (See Figures 1-10). Coeur Alaska has prepared this annual report to comply with requirements of the U.S. Forest Service (USFS) Plan of Operations (POO) for the Kensington Gold Project.

The Kensington Gold Project received authorization under the POO on June 13, 2005. The Final Supplemental Environmental Impact Statement, U.S. Forest Service Record of Decision and all necessary major permits were issued prior to year end 2005. Coeur Alaska issued construction contracts and ground breaking was initiated during July 2005.

Following a suspension of construction activities during the litigation process for the 404 Permit, construction activities at the TTF that resumed in 2009 were completed in the 3rd quarter of 2010 and operations of the facility began in June of 2010. Additionally, the first gold concentrate was produced in July of 2010.

Section 1.0 contains a synopsis of the activities conducted at the Kensington Gold Project during calendar year 2010, and Section 2.0 contains projections of activities planned for calendar year 2011.

Construction activities and operations have been consistent with the approved POO. Gold production began in July of 2010.

Summary of 2010 Activities

1.0 Public Safety

Public access to the project site is managed as defined in the established Public Access Control Plan. Public access to the site must be controlled to ensure the safety of the public. During the construction and operational phases of the Project, hazards such as truck traffic, blasting, barge and tug operations, clearing operations, and earthwork could result in physical harm to unauthorized visitors.

During 2010, personnel accessed the site via boat and rotary wing aircraft. Agency inspections and other public personnel generally accessed the site by fixed winged aircraft and boat.

Supplies and equipment for the facility are delivered by barge to the Slate Creek Cove Marine Terminal.

2.0 Construction Activities

Construction activities at the TTF were completed in the 3rd quarter of 2010. This included the construction of the tailings conveyance pipeline from the mill facility to the TTF.

Additional infrastructure construction continued throughout 2010. This included the construction of an assay laboratory, tailings treatment facility water treatment plant, comet mine water treatment plant expansion, Pit 3 maintenance shop tent, sewer treatment plant expansion, and propane tank. Of these facilities, the assay laboratory, tailings treatment facility water treatment plant, and comet mine water treatment plant expansion were constructed on lands administered by the Forest Service. The remaining facilities were constructed on private land.

The majority of the surface disturbance associated with construction was completed in 2005 and 2006 as outlined in the project disturbance summary Table 1. Additional disturbance occurred as a result of the construction of tailing conveyance pipeline in 2010 and tailings fill s indicated in Table 1.

A total of 76,770 feet of underground core drilling was completed in the period of March through December of 2010. The drilling was comprised of development and exploration programs.

The 2010 development drilling program included 55,130 feet in 330 holes. This drilling was completed by contracted drilling company using NQ2 and HQ core drill tooling. This program was accessed in the Kensington up-ramp and down-ramp with drill stations in the 910, 990, 1065, 1140, 1210 and 1290 mine levels.

The 2010 exploration drilling program included 21,539 feet in 47 holes. This was also completed under a drilling contract and used NQ2 and HQ core tooling. All of the exploration drilling was completed from drill stations located underground and along or near the Comet Access Tunnel. There was no drilling completed from the surface in 2010.

2.1 Storm Water Controls

Construction operations on both the Jualin and Comet sides of the Kensington Gold Project were conducted in compliance with the Storm Water Pollution Prevention Plan (SWPPP) requirements. Both temporary construction Best Management Practices (BMPs) and sediment pond BMPs were utilized to control excess sediment production from disturbed areas that otherwise might enter waters of the state. A full description of storm water controls can be found in the Storm Water Pollution Prevention Plan (SWPPP) for the Kensington Gold Project, April 2009.

Sediment ponds and silt fences were maintained, and existing check dams were also maintained throughout the site. Designs for these construction BMPs are discussed in the SWPPP. Most operational (long-term) sediment ponds were constructed during 2005, and all were constructed as designed in the SWPPP Addendum B.

The nature of construction BMPs is transitory; i.e., they change in response to site conditions and the rapidly evolving ground conditions encountered during construction. Therefore, designs are dependent on site conditions, which may change day by day. However, as construction elements are completed, operational BMP sediment ponds can be developed or eliminated, which discretely demonstrate compliance with the SWPPP as amended.

In addition to SWPPP monitoring and inspections, site receiving water monitoring was also conducted in compliance with the current site NPDES permit to help document compliance with state water quality standards. Receiving water sampling data are discussed below under NPDES monitoring (section 1.9.1).

2.2 Corps of Engineers Wetland Disturbance

An annual summary of wetland areas impacted and reclaimed is a requirement of the Corps of Engineers (COE) 404 fill permit. Wetland areas impacted are tallied in Table 2. Overall, total fill in waters of U.S. as of December 2010 was 55 acres.

2.3 Access Corridors

Road improvements during 2010 were an ongoing priority of project. Continued road surfacing and interim reclamation seeding were major improvements to the road projects in 2010. The maintenance of storm water BMPs along the Jualin and Kensington access corridors were also a major ongoing priority for 2010.

3.0 Mine Operations

3.1 Ore Production

Limited mining operations occurred in the first and second quarter of 2010. With the start-up of the mill, mining operations ramped up to full production with 174,734 tons of ore being mined in 2010.

3.2 Development Rock Production

Approximately 101,549 tons of development rock was mined in 2010. Approximately 78,449 tons of development rock was brought to the surface and placed into stockpiles and 23,100 tons were placed underground as backfill. Development rock samples were collected from the first, second, and third quarter of 2010 and the results are contained in Appendix 5. No development rock was brought to the surface in the 4th quarter of 2010. The majority of the development rock hauled to the surface was utilized for construction activities.

3.3 Dust Suppression Activities

During this period the project's climate was exceptionally wet and very limited road watering via water wagon was required. When extended periods of dry weather were encountered road watering activities were utilized to control fugitive dust. A new water truck was purchased during the year to enhance dust suppression efforts.

4.0 Mill Operations

Full operation of the mill facility began in July 2010. Approximately 177,048 tons of ore was processed through the mill facility in 2010.

4.1 Gold Production

Approximately 4,215 tons of concentrate was shipped from the Kensington mine to an off-site refinery. Of the 4,215 tons of concentrate shipped off-site, approximately 43,119 ounces of gold was contained.

4.2 Tailing Production

Approximately 172,833 tons of tailings were conveyed to the Tailings Treatment Facility for disposal during 2010. Tailings samples were collected for the 3rd and 4th quarter of 2010 and are contained in Table 5.

5.0 Solid/Hazardous Waste Generation and Transport

Solid waste was generated from the Comet and Jualin sides of the Kensington Gold Project, including: incinerator ash, construction debris, worn cable, tires, and broken equipment. This material was managed in accordance with the approved ADEC Solid Waste Management Permit. Coeur Alaska generated approximately 148.4 tons of solid waste, including 0.8 tons of incinerator ash and 2.61 tons of tires. Additionally, approximately 102.2 tons of scrap metal was recycled. These materials were shipped to Juneau, then transported to disposal facilities or otherwise managed according to controlling regulations and permits

In an effort to reduce the quantity of solid waste being sent to the landfill, a site recycling program was established in 2008 and continued to be a utilized in 2010. Additional collection sites were established around the site in 2010 to ensure that recyclable materials were incorporated into the recycling program. Training was provided to site personnel on the recycling program in 2010.

Hazardous waste, including Universal waste, generated at the site could include:

- Lead/acid batteries
- Light Bulbs
- Lamps
- Paint and paint related waste
- Wastes associated with the Assay Laboratory
- Water Treatment Plant laboratory waste

- Computer backup power supplies

Universal wastes (batteries, lamps, mercury switches) need not be manifested.

6.0 Tailings Treatment Facility

Following the favorable decision from the Supreme Court, the Army Corp of Engineers (ACOE) issued Permit Modification POA-1990-592-M6 and lifted the suspension of Permit Modification POA-1190-592-M on August 14, 2009. Construction activities on the tailings treatment facility began after the issuance of the permit modification and continued until the 3rd quarter of 2010 at which time construction of the facility was completed. Operation of the facility began in June of 2010.

Construction activities focused on the Tailings Treatment Facility (TTF) Water Treatment Plant (WTP) during the 3rd and 4th quarter of 2010. The TTF-WTP was successfully commissioned and water began discharging to Outfall 002 on December 4, 2010. Monitoring and sampling was conducted in accordance with the NPDES permit requirements.

7.0 Compliance

No Notice of Violation's (NOV) were issued to Coeur Alaska during 2010.

All reporting was completed as required by permit conditions. One component of this document is the reporting of spills. Each spill that occurred during 2010 was taken very seriously and all site resources were utilized, as appropriate for each occurrence. The spills were all properly reported and cleaned up in accordance with ADEC guidelines. (Refer to Table 3). A bioremediation cell was designed, permitted, and constructed during 2008. Soil that was excavated in 2010 as part of hydrocarbon related spill clean-up efforts was placed in the bioremediation cell for remediation as approved by ADEC.

Graphitic Phyllite material that was removed as part of the embankment foundation excavation was placed in the large bioremediation cell for storage until such time as the material can be placed in an underground stope and encapsulated with paste backfill for final disposal. A 60-mil HDPE cover was placed over the stored graphitic phyllite material and sealed for temporary storage during 2010. An appropriate underground stope is anticipated to be available in 2014 for final disposal of this material.

The timber sale contract with the Forest Service required that all merchantable timber that has been previously cut during construction activities be burned, buried, and/or removed from the site by August 14th. Timber removal operations were conducted by Icy Straits Lumber and Milling Co. with the removal of merchantable timber by the August 14th deadline. Chris Budke and Ted Sanhofer with the Forest Service inspected the site to ensure timber that had been cut during construction activities had been removed from forest service lands as required by the timber sale contract. Timber removal from lands administered by the Forest Service was found to be satisfactory and the Timber Sale Contract was "Closed-Out".

During the 2010 year, the following fifteen guidelines were updated in various aspects of environmental management at the site to ensure permit compliance:

- Johnson Creek In-stream flow monitoring
- Daily TSS Sampling
- Labeling
- Hazardous and Non-Hazardous Waste Handling
- Spill Response Notification
- Empty Container Management
- Fueling Guidelines
- Hydrocarbon Contaminated Soil
- NOx Analyzer
- Purchasing
- Secondary Containment Pumping
- Sample Container
- Site Recycling
- NPDES QA/QC
- Septic Spill Clean-Up

The Intelx tracking system was populated with permit requirements and reminders during 2010. The tracking system will send email reminders to employees responsible for the completion of the permit requirements to ensure site permit compliance.

8.0 Reclamation

No permanent concurrent reclamation was performed in 2010; however, interim seeding stabilization associated with topsoil stockpiles, road ditches, area adjacent to Tailings Treatment Facility, access roads, and tailings conveyance pipeline route was performed as a BMP under the approved SWPPP plan.

8.1 Revegetation Test Plots

Construction of the dam and TTF were completed in the 3rd quarter of 2010. Revegetation test plots are planned to be installed in the 2nd or 3rd quarter of 2011 in the Snow-Slide Gulch area.

9.0 Monitoring

9.1 NPDES

Results of the extensive monitoring program contained in the Kensington Gold Project NPDES permit AK-005057-1 are compiled in Volume 1: Aquatic Resource Surveys and Volume 2: Water Quality Data of the NPDES Annual Water Quality Monitoring Summary 2010 (Coeur, 2010). This report will be submitted to the US Forest Service, Juneau under separate cover.

9.2 Fresh Water

Fresh water monitoring requirements are contained within the USFS POO. Monitoring performed for the NPDES permit and summarized in the Kensington Gold Project NPDES Permit AK-005057-1 Annual Water Quality Monitoring Summary 2010 Volume 2. Water Quality Data are inclusive of the requirements under the USFS POO. This report will be submitted to the US Forest Service, Juneau and the Alaska Department of Environmental Conservation (ADEC) under separate cover, as the NPDES 2010 Annual Report.

9.3 Water Usage

Under requirements of the ADNR water rights, certain water usage and stream flow submittals are prepared. Some of these filings are made monthly while others are submitted quarterly. These reports are available at ADNR's offices, Juneau.

9.4 Aquatic Resource Surveys

The USFS POO references aquatic resource surveys, which are to include:

- Annual photographs of stream habitat types.
- Fish surveys and minnow trapping in Upper Slate Lake.
- Salmon escapement surveys in Sherman, Slate, and Johnson Creeks.

Annual photographs of stream habitat types are included in the Kensington Gold Project NPDES Permit AK-005057-1 Annual Water Quality Monitoring Summary Volume 1: Aquatic Resource Surveys 2010.

Salmon escapement surveys were performed in 2010 on Sherman, Slate, and Johnson Creeks. Tabulations of these data are presented in the Kensington Gold Project NPDES Permit AK-005057-1 Annual Water Quality Monitoring Summary Volume 1: Aquatic Resource Surveys 2010.

9.5 Marine

The U.S. Forest Service Plan of Operations Appendix 4.d. contains a marine monitoring program for Berners Bay.

Between March 29 and May 4, 2010, 68 surveys were completed from the crew transportation boat running between Echo Cove and Slate Cove with an additional two surveys from the 26 foot freight boat. A further 27 surveys were completed from kayaks between Slate Cove dock and Slate Creek and three surveys were made by observers on the Slate Cove dock. The arrival of Steller sea lions in Slate Cove occurred about two weeks earlier than in 2009 with over 150 sea lions present on April 7. Monitoring of mammals within the Bay was completed during 2010 by a marine observer on the vessel during all trips traveling to and from the mine site over Berners Bay. Survey results were forwarded to the NMFS Office of Protected Resources, Juneau in the spring of 2010. These survey findings, along with weekly ADF&G herring surveys were utilized in the

NMFS adoption of April 3rd thru May 3rd as the 2010 “eulachon spawning season.” No incidents occurred during the year. Please refer to Attachment 2 for additional information related to the marine surveys.

9.6 Air

During the reporting period, bi-annual Facility Operating Reports, including fuel use summaries, were submitted to the Fairbanks office of ADEC Air Permits Program (610 University Avenue) in compliance with ADEC air quality permits. These reports are not reproduced here, but can be provided upon request.

9.7 Archeology

Surface disturbance activities within historic areas were completed during 2005. Additional surface disturbance in 2010 was associated with the tailings conveyance pipeline route which had been previously surveyed for historical artifacts.

Mr. Urion had been to the mine site to film on both the Comet and the Jualin side in the fall of 2006. He filmed at the Comet side of the mine again in spring of 2007. Mr. Urion also completed his research and a script for a DVD format film. Mr. Urion was scheduled to complete the filming in the spring of 2008 after another visit to the Jualin side of the project area, but due to the unexpected death of Mr. Urion in 2008, the filming was not completed as scheduled in 2008. Coeur obtained the existing film that was compiled by Mr. Urion, but no script could be found. Coeur was able to locate the script that accompanied the existing film during 2010. A qualified historian was located and a contract is being developed with the consultant. The historian will be following-up with the preparation of an associated script documenting the history of the Berners Bay Mining district

No archaeological testing, monitoring, or other data recovery activities were conducted at the Kensington-Jualin mine during 2009. As indicated in Appendix A of the MOA, probing and testing of Features F and T will be conducted once the mine is in operations. Coeur is in the process of obtaining quotes for this work which is anticipated to begin in the spring of 2011.

Training was conducted for all new employees as part of the new-hire environmental awareness training program in addition to the recurring annual refresher training for all Coeur employees in 2010. Additionally, all construction workers were provided this training as part of the construction environmental awareness training program. The training clearly stated Coeur’s policy regarding unauthorized collections from private and public lands.

9.8 Tailings Treatment Facility Ecological Monitoring Plan

Dolly Varden spawning activities are documented for the ultimate closure of the tailings treatment facility. This study is included in Attachment 3.

9.9 Berners Bay Transportation Plan

Marine vessel transport occurred between Juneau and Slate Cove or Comet Beach. Heavy equipment and supplies were transported via barge or landing craft and were received at Slate Cove or Comet Beach. Additionally, mine employees were transported via boat and were also received at Slate Cove. Marine waters around all marine facilities discussed above were open to public access.

It is a requirement of the Berners Bay Transportation Policy, Mitigation, and BMP Plan to collect information on company marine vessel encounters with special fish, marine mammals, and important bird species during the eulachon spawning season in Berners Bay. This information is documented in Attachment 2.

9.10 Development Rock, Borrow Source, and Tails Material

Development rock and tailing sampling for acid base accounting (ABA) is a requirement of the POO. Development Rock sample results for the first, second and third quarters of 2010 are contained in Table 4. Development rock acid-base accounting results indicate minimal potential to generate acid rock drainage.

Quarterly tailings sample results for acid base accounting is contained in Table 5. Acid-base accounting results indicate that the tailings solids are net-neutralizing, thus minimal potential exists for acid rock drainage.

9.11 Construction/Excavation Dewatering (Non-Stormwater)

No construction/excavation dewatering (Non-Stormwater) occurred at the site during 2010.

Groundwater intercepted in the mine workings is treated and discharged to Sherman creek. This discharge is authorized under EPA NPDES permit AK-005057-1.

Tailings water was decanted and pumped from the TTF to the TTF WTP where it is treated and discharged to East Fork of Slate Creek. This discharge is authorized under EPA NPDES permit AK-005057-1.

9.12 Tailings Treatment Facility Monitoring

During 2009, construction activities resumed at the tailings storage facility after being suspended in 2006 due to an injunction. Construction of the TTF was completed in the 3rd quarter of 2010 and operations of the facility began in June of 2010. Monitoring the TTF was conducted according to the approved Operation and Maintenance (O&M) manual dated August 13, 2010. The O & M Manual describes procedures for operating the Lower Slate Lake Tailings Dam under normal and extreme reservoir level and flow conditions. Additionally, the O&M manual describes the daily, weekly and quarterly inspections that are required to be conducted at the dam along with any actions and maintenance activities that are necessary as a result of the inspection observations.

9.13 Wildlife

9.13.1 ADFG Goat Monitoring

Mountain goat monitoring in the Lions Head Mountain area associated with the Kensington Gold Project has been conducted intermittently since the late 1980's, in part to help determine potential future mine impacts on this population. An updated ADFG goat study is included with this report as Attachment 1.

9.13.2 Terrestrial Wildlife Monitoring – Slate Lakes Basin

Wildlife Monitoring was conducted during 2010 in accordance with the Kensington Project Terrestrial Wildlife Monitoring Plan. This plan was designed to ensure that environmental impacts to wildlife resources in the Slate Lakes basin area are mitigated during both construction and operation of the Kensington Project and that the reclamation process includes a plan to support and encourage use by local wildlife. See Attachment 4 for the 2010 Terrestrial Wildlife Report.

10.0 Avalanche Safety Plan

Coeur Alaska maintains an avalanche hazard awareness and mitigation safety plan during the winter season. A qualified Avalanche Program Director is retained to:

- Identify and quantify the snow avalanche safety hazard
- Prepare recommendations on managing that hazard
- Train employees and contractors in pertinent requirements of the resulting safety plan
- Prepare daily hazard forecasts and perform potential avalanche control activities

Because of the steep terrain adjacent to the site and large quantities of snow-fall, risk avoidance cannot be accomplished in all cases. Therefore, an active avalanche risk mitigation program was initiated. This involves the use of explosives to initiate controlled release of smaller avalanches so as to reduce the risk of naturally triggered larger and more destructive avalanches.

During 2010, active control work was required and performed. During the 2010 reporting period,

- Areas of avalanche risk were placarded
- Crews were informed of avalanche hazards and the appropriate responses to those hazards
- Daily risk forecasts were prepared and communicated to crews, based on site weather and snow condition data
- Avalanche rescue equipment was located on-site
- Crews were trained in their roll in avalanche rescue operations and the use of the rescue equipment – as appropriate

- Avalanche control was utilized on several occasions through the use of an avalancher and explosives.

During the reporting period, site activities were not curtailed as a result of identified avalanche hazards and no personnel were caught or injured in avalanches.

11.0 Dam Safety Oversight Status

Construction activities on the tailings treatment facility were completed in the 3rd quarter of 2010 and operations of the facility began in June of 2010. Alaska Department of Natural Resources (ADNR) - Dam Safety conducted five site inspections of the embankment construction during 2010. The operation and maintenance plan was reviewed and approved by dam safety. Additionally, a temporary certificate to operate the dam was issued by dam safety in 2010. The required Construction Report and Geotechnical report were provided to Dam Safety following the completion of construction activities.

Projected Activities for 2011

Key Issues and Permitting Activities

Coeur Alaska, Inc. currently holds NPDES Permit AK-005057-1 for its Kensington Mine Project. A NPDES permit renewal application was submitted to EPA and ADEC in the 1st quarter of 2010. A revised NPDES permit is expected to be issued in the 2nd or 3rd quarter of 2011. Activities associated with the renewal of this permit are anticipated to continue in 2011.

An Integrated Waste Management Permit Application was submitted to ADEC on April 2, 2010. The application provides a description for the disposal of wastes from the Kensington Mine in accordance with the regulations in 18 AAC 60. The application was submitted to obtain an Integrated Waste Management Permit for the site. The new Integrated Waste Management Permit is expected to be issued in the 3rd or 4th quarter of 2011.

A revised reclamation plan and cost estimate was prepared and submitted to the agencies on April 2, 2010. Additional comments were received from the agencies in the 4th quarter of 2010. A revised reclamation plan and cost estimate with the agency comments incorporated into the plan and cost estimate is planned to be submitted in the 1st quarter of 2011.

Four additional surface infrastructure buildings are planned to be constructed in 2011. A meeting room yurt is planned to be constructed at upper camp in the 1st quarter of 2011. A surface dry is planned to be constructed at upper camp in the 1st or 2nd quarter of 2011. A warehouse building is planned to be constructed at lower landing zone in the 1st or 2nd quarter of 2011. An administration building is planned to be constructed in the 2nd half of 2011.

Coeur Alaska, Inc. currently holds a Title I minor source air quality permit AQ0111MSS01 Revision 4 issued on October 21, 2010. Additionally, Approval to Operate a portable crusher and screening plant under Minor General Permit 9 (MG9), Permit AQOI I 1MG9OI was issued on Nov. 22, 2010. Integration of the portable crusher and screening plant into the Title I minor source air quality permit is planned for the first quarter of 2011.

1.0 Public Safety

No changes to the Public Access Control Plan are contemplated for 2011.

2.0 Mine Operations

Mine operations are planned to be at full production throughout 2011. Paste Plant Construction is expected to begin in the 1st quarter of 2011 and be completed in the 3rd or 4th quarter of 2011. An underground shop was partially completed in 2010 and is planned to be completed in the 2nd quarter of 2011. Upgrades to the mine dewatering system are planned to be conducted with the installation of additional piping to convey water to the comet mine water treatment plant. This will reduce the amount of sediments that become incorporated into the mine water. Additional underground sumps are also planned to be constructed to further reduce the sediment load to the comet mine water treatment plant.

3.0 Mill Operations

Mill Operations are planned to be at full production during 2011. Construction of a mill building extension to cover the thickener tank is planned for the first half of 2011. The installation of a 6th generator is planned for the 1st quarter of 2011.

4.0 Tailings Treatment Facility

Construction was completed in the 3rd quarter of 2010. Improvements are planned for the reclaim barge and upgrade of the existing reclaim pump to enable the tailing facility water treatment plant to operate at design capacity.

Paste Plant construction is planned to be completed in the 2nd half of 2011 at which time the majority of the tailings will be conveyed to the paste plant for disposal into the underground workings.

5.0 Access Corridors

Most access road and corridor upgrades were completed in 2006. Road maintenance of the access corridors will continue in 2011.

6.0 Reclamation

No final reclamation is anticipated to occur in 2011.

7.0 Proposed Modifications to Monitoring Plans for 2011

Modifications to the tailings treatment facility ecological monitoring plan and Fresh Water Monitoring Plan are planned in 2011 as part of the renewal to the NPDES permit.

8.0 Bonding

The Kensington Gold Project is currently bonded, including the tailings treatment facility, as described in the 2005 FSEIS and USFS Record of Decision. Bonding activities have been coordinated with US Forest Service as needed with each revision. An update to the current reclamation plan and associated cost estimate is expected to be finalized in 2nd or 3rd quarter of 2011.

Table 1 Kensington Gold Project – Surface Disturbance

Area	Description	Status 2010	Permitted Disturbance Acreage – Total	Actual Disturbance - Acreage- Total
1	Kensington Comet Beach Camp	Existing / Permitted	3.2	3.2
2	Kensington Access Road	Existing / Permitted	8.1	8.1
3	Kensington Borrow Pit #1	Not built	1.5	1.5
4	Kensington Development Rock Stockpile	Existing / Permitted	14.3	14.3
5	Kensington Water Treatment Plant & Ponds	Existing / Permitted	4.3	4.3
6	Kensington Snow / Topsoil Stockpile	Existing / Permitted	2.1	0
7	Kensington 2050 Level Portal Development Rock Storage	Existing / Permitted	1.5	1.5
8	Jualin Process Area	Built	12.9	16
8A	Jualin Avalanche Berms & Road	Not built	0	0
9/9A	Jualin Development Rock Storage	Mostly Built	4.3	8.1
10	Jualin Storm Water Treatment Pond	Built	1.5	1.7
11	Jualin Process Area Snow/Topsoil Stockpile Area	Built	0.3	0.5
12	Jualin Pumphouse	Built	0.1	0.1
13	Jualin Access Road	Existing / Built	33.8	31.2
14	Jualin Laydown #1	Built	0.4	0.7
15	Jualin Laydown #2	Built	3.5	3.7
16	Jualin Laydown #3	Built	0.8	0.5
17	Jualin Administration Area	Built	2.5	5.7
18	Jualin Pit Source #1	Built	2	3.5
19	Jualin Pit Source #2	Built	1.3	1.3
20	Jualin Pit #3	Built	12.3	12.1
21	Jualin Pit #4	Not built	0.7	0
22	LSL Tailings Pipeline & Access Road (Upper)	Built	7.4	7.4
23	LSL Tailings Facility Access Road (Lower)	Built	9.2	9.2
24	LSL Tailings Lake (tailings as fill)	Partially occupied	39.9	24.9

Table 1 Kensington Gold Project – Surface Disturbance

Area	Description	Status 2008	Permitted Disturbance Acreage – Total	Actual Disturbance - Acreage- Total
25	LSL Tailings Lake Margin Working Area	Partially occupied	17.9	18.6
26	LSL Tailings Dam Borrow Source	Partially built	4.6	4.9
27	LSL Tailings Pipeline Road (Mill to Snowslide Gulch)	Built	10.1	10.1
28	LSL Tailings Dam & Plunge Pool Area	Built	6.8	7.1
29	Slate Creek Cove Marine Terminal	Built	1.9	0.9
30	Slate Creek Cove Snow/Stockpile Area	Built	0.2	0.2
31	Jualin Topsoil Stockpile	Built	0	0
32	Jualin Borrow Source #6	Partially built	0	3
33	Jualin Borrow Source #7	Built	0	1.6
36	Tailings Area Topsoil Stockpile	Not built	0	0
	TOTALS		209.4	204.8

Table 2 - Kensington Gold Project – Wetlands Disturbance

Area	Description	Status 2010	Permitted Acres of Fill in Waters of the U.S. per 2005 Permit Table 1	Actual Waters of U.S. Acres Filled as of December 2010	Requested Acres of Total Fill in Waters of the U.S. 2009 update	Fill Volume (Cubic Yards)	Acres to be Reclaimed as Wetlands or Waters
1	Kensington Comet Beach Camp	Existing / Permitted	0	0	0	0	NA
2	Kensington Access Road	Existing / Permitted	0.9	0	0	0	NA
3	Kensington Borrow Pit #1	Not built	0.3	0	0	0	NA
4	Kensington Development Rock Stockpile Expansion	Existing / Permitted	5.1	1.1	4.5	220,000	8
5	Kensington Water Treatment Plant & Ponds and Expansion Area	Existing / Permitted	2.6	2.9	3.5	85,000	3.5
6	Kensington Snow / Topsoil Stockpile	Existing / Permitted	2.1	0	2.1	10,000	2.1
7	Kensington 2050 Level Portal Dev. Rock Storage	Existing / Permitted	0	0	0	0	0
8	Jualin Process Area	Built	1.1	2.0	2.0	97,000	NA
8A	Jualin Avalanche Berms & Road	Not built		0	0.3	23,000	NA
9/9A	Jualin Development Rock Storage	Mostly Built	4.3	2.0	2.5	121,000	1.7
10	Jualin Storm Water Treatment Pond	Built	0	0.1	0.1	1,500	NA
11	Jualin Process Area Snow/Topsoil Stockpile	Built	0	0.2	0.2	3,000	0.6
12	Jualin Pumphouse	Built	0.1	0.1	0.1	1,500	NA
13	Jualin Access Road	Existing / Built	8.2	7.7	7.7	37,000	0.6
14	Jualin Laydown #1	Built	0.4	0	0	0	NA
15	Jualin Laydown #2	Built	3.5	0	0	0	NA
16	Jualin Laydown #3	Built	0.8	0	0	0	NA
17	Jualin Admin. Area	Built	2.5	0.1	0.1	1,500	2.5
18	Jualin Borrow Source #1	Built	0	0	0		0.2
19	Jualin Borrow Source #2	Built	0.1	1.1	1.1	10,500	
20	Jualin Borrow Source #3	Built	2.4	1.2	1.2	11,500	6.0
21	Jualin Borrow Source #4	Not built	0.7	0	0	0	NA
22	LSL Tailings Pipeline & Access Road (Upper)	Built	4.7	4.3	4.3	41,500	4.3

Table 2 - Kensington Gold Project – Wetlands Disturbance

Area	Description	Status 2010	Permitted Acres of Fill in Waters of the U.S. per 2005 Permit Table 1	Actual Waters of U.S. Acres Filled as of December 2010	Requested Acres of Total Fill in Waters of the U.S. 2009 update	Fill Volume (Cubic Yards)	Acres to be Reclaimed as Wetlands or Waters
23	LSL Tailings Facility Access Road (Lower)	Built	0.3	1.3	1.4	13,500	2.8
24	LSL Tailings Lake (tailings as fill)	Partially Occupied	23.5	5.0	23.5	3,920,000	(23.5)
25	LSL Tailings Lake Margin Working Area	Partially occupied	8.5	10.9	10.9	500	8.7 (38.5)
26	LSL Tailings Dam Borrow Source	Partially built	0.3	0.3	0.3	3,000	0
27	LSL Tailings Pipeline Road (Mill to Snowslide Gulch)	Partially built	3.0	0.4	0.4	3,500	2.2
28	LSL Tailings Dam & Plunge Pool Area	Built	5.9	6.1	6.1	236,000	2.4
29	Slate Creek Cove Marine Terminal	Built	1.9	0.5	0.5	12,000	3.2
30	Slate Creek Cove Snow/Stockpile Area	Built	0.2	0	0	0	0.5
31	Jualin Topsoil Stockpile	Built		6.8	6.8	300,000	6.8
32	Jualin Borrow Source #6	Partially built		0.1	0.1	1,500	0
33	Jualin Borrow Source #7	Built		0.8	0		NA
34	Jualin Reclamation Material Area	Built	0	0	0	0	0
36	LSL Tailings Area Topsoil Stockpile	Not built		0	0.6	14,500	0.6
	TOTALS		83.4	55.0	80.3	5,168,500	110.0

TABLE 3
2010 SPILL SUMMARY

Number	Date of Spill	Time of Spill	Product Spilled	Quantity Spilled	Location of Spill	Cause of Spill or additional information	Area(s) Affected	Clean Up (Y/N)	Reported to State
1	1/1/10	10:00	Diesel	1 Gallon	Lower Laydown Yard above Slate Cove	Metal injector fuel line feeding fuel from pump to cylinder developed a small leak	Land	Yes	Yes, Monthly Report
2	2/18/10	23:40	Grey Water	20 Gallons	Jualin Sewage Treatment Plant	The influent tank became overloaded due to a sudden rush of sewage from the site pump station causing approximately 20 gallons of grey water to overflow the influent tank and outside the plant.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
3	3/1/10	7:55	Grey Water	70 Gallons	Jualin Sewage Treatment Plant	The influent tank on the sewage treatment plant became hydraulically overloaded due to a pump failure causing the influent tank to overflow the tank and outside the plant. A secondary structure was installed to capture any future spills from the plant.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
4	3/28/10	10:30	Hydraulic Oil	5 Gallons	Upper Camp at Jualin	Hydraulic Line on the Snorkel Lift broke causing approximately 5 gallons of Hydraulic fluid to spill onto the ground	Land	Yes, Cleaned up utilizing Absorbent Pads	Yes, Monthly Report
5	4/17/10	20:30	Grey Water	50 Gallons	Slate Cove Laydown Yard	While transferring grey water from the site vacuum truck into a storage tank for disposal off-site, the plug located near the bottom of the storage tank failed causing grey water to spill onto the ground.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
6	4/21/10	12:40	Hydraulic Oil	1 Gallon	Slate Cove Laydown Yard	Hydraulic Line on the Forklift broke causing approximately 1 gallon of Hydraulic fluid to spill onto the ground	Land	Yes, Cleaned up utilizing Absorbent Pads	Yes, Monthly Report
7	4/30/10	13:50	Ferric Chloride	1.5 Gallons	Tailings Treatment Facility Coffey Dam	During a routine inspection of the turbidity reduction BMP system at the Tailings Treatment Facility, the operator noticed a small leak from the ferric chloride injection line. The leak was coming from a valve with a brass nipple on the injection line. Upon discovery of the brass nipple, the entire system was inspected to ensure no more brass was in contact with the ferric chloride in the system.	Land	Yes, absorbent pads were utilized and the contaminated soil was excavated and placed into drums for off-site disposal.	Yes, ADEC response hotline and follow-up report
8	5/7/2010	20:05	Grey Water	50 Gallons	Jualin Sewage Treatment Plant	Grey water overtopped the EQ tanks and filled the secondary containment structure in front of the plant and approximately 50 gallons flowed onto the ground.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
9	5/10/10	8:45	Diesel	0.5 Gallons	Pit 4	Nozzle on Fuel tank was open when the fuel pump was turned on causing approximately 0.5 gallons to be spilled onto the ground	Land	Yes, Cleaned up utilizing Absorbent Pads	Yes, Monthly Report
10	5/17/10	17:40	Grey Water	950 Gallons	Slate Cove Laydown Yard	While transporting a grey water storage tank, the lower drain plug failed causing grey water to be spilled onto the ground. The drain plug was replaced with steel plugs. Approximately 650 gallons was cleaned-up utilizing the site vacuum truck.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
11	6/6/2010	5:00	Hydraulic Oil	4.5 Gallons	Comet Water Treatment Plant	The Hydraulic Line on the forklift located at the Comet Mine Water Treatment Plant broke spilling 4.5 gallons of hydraulic oil onto the ground.	Land	Yes, Cleaned up utilizing Absorbent Pads and contaminated soil was excavated and placed into bio-cell	Yes, Monthly Report
12	6/14/10	18:45	Grey Water	300 Gallons	Jualin Sewage Treatment Plant	The bar screen transfer pump tripped the thermal overloads causing the pumps located in the bar screen tank to be shut-down. The bar screen tank overflowed grey water into the connex containing the treatment system and flowed through the plant connex doors onto the ground.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
13	7/12/10	17:30	Grey Water	10 Gallons	Jualin Sewage Treatment Plant	The plastic welded pipe that was newly installed as part of the expansion of the existing sewer treatment plant split at the welded seam and sprayed sewage against the sewer treatment plant connex while the transfer pump was operating.	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
14	7/19/10	8:00	Grey Water	75 Gallons	Jualin Sewage Treatment Plant	Influent Tanks over-flowed	Land	Yes, Cleaned up with vacuum truck and decontaminated with Chlorine solution	Yes, ADEC compliance hotline and follow-up report
15	8/12/10	15:25	Diesel Fuel	9 Gallons	Jualin Mill Bench - Adjacent to Primary Generators	The check valve on the return fuel line for the primary generators had a small leak which caused approximately 9 gallons of fuel to be spilled onto the ground. The check valves were replaced to correct the leak from the fuel line. Daily inspections of the check valves were	Land	Adsorbent materials were utilized to clean-up the fuel and the diesel contaminated soil was excavated and placed in	Yes, Monthly report
16	9/4/10	8:30	Hydraulic Oil	20 Gallons	Underground Shop	The spill was a result of a drum being hit by equipment in the UG shop.	Land	Adsorbent materials were utilized to clean-up the hydraulic oil.	Yes, DEC spill hotline within 48 hours of the release
17	9/23/10	20:00	Diesel Fuel	5 gallons	Underground Road Way	A small hole in the fuel tank on the crew van caused the 5 gallon spill. Upon discovery of the small hole, the hole was plugged and the van was taken to the shop for repair.	Land	Adsorbent materials were utilized to clean-up the diesel fuel.	Yes, Monthly Report
18	11/2/10	10:20	10wt Oil	9 Gallons	Portal Bench	The spill was a result of a front end loader driving over a rock which punctured a hole in the transfer case resulting in oil being spilled onto the ground.	Land	Adsorbent materials were utilized to clean-up the oil and soil contaminated with oil was excavated and	Yes, DEC Monthly Report
19	11/17/10	17:00	Hydraulic Oil	4 gallons	Portal Bench	The spill was a result of a high-pressure O-ring failure on an underground haul truck. The leaking O-ring was identified by the operator and the equipment was shut-down and adsorbent pads were utilized to contain and clean-up the spilled hydraulic oil.	Land	Adsorbent materials were utilized to clean-up the hydraulic oil.	Yes, DEC Monthly Report
20	12/5/10	7:30	Grey Water Sewage	50 Gallons	Lift Station located adjacent to Kitchen & Dining facility	The floats for one lift station pump got tangled in wires within the lift station causing the pump to not activate. The second lift station pump failed to start when the high level float was activated.	Land	The area was immediately flagged-off to prevent access to the area. The spill area was disinfected with a 5%	Yes, ADEC Compliance Enforcement Program within 24 hours of the release

Table 4

2010 Development Rock MWMP Results	Sulfate (mg/L)	Nitrate (mg/L)	TDS (mg/L)	pH	NH ₃ (mg/L)	Al (ug/L)	Ar (ug/L)	Cd (ug/L)	Cr (ug/L)	Cu (ug/L)	Fe (ug/L)	Pb (ug/L)	Hg (ug/L)	Ni (ug/L)	Se (ug/L)	Ag (ug/L)	Zn (ug/L)
Jualin Development Rock 1st Quarter	80	21.3	279	7.95	0.059	136	ND	0.06	0.2	3.9	ND	0.07	ND	0.5	ND	ND	2.8
Jualin Development Rock 2nd Quarter	73.4	18.5	226	7.97	ND	147	ND	0.05	1.2	3.5	ND	0.1	ND	0.5	ND	ND	4.4
Jualin Development Rock 3rd Quarter	232	58.8*	893	7.75	32.2*	283	ND	ND	0.6	2.4	ND	0.05	ND	0.5	ND	0.07	1.8
Comet Development Rock 1st Quarter	60.8	0.143	106	7.41	0.235	277	ND	0.03	ND	1.7	ND	0.07	ND	0.5	ND	ND	2.1
Comet Development Rock 2nd Quarter	159	ND	ND	7.87	ND	133	ND	0.04	ND	2.2	ND	0.06	ND	0.6	ND	ND	ND

Notes: * Results are believed to be anomalies and the laboratory is conducting a re-analysis to confirm results. Sample results will be submitted upon receipt from the laborator

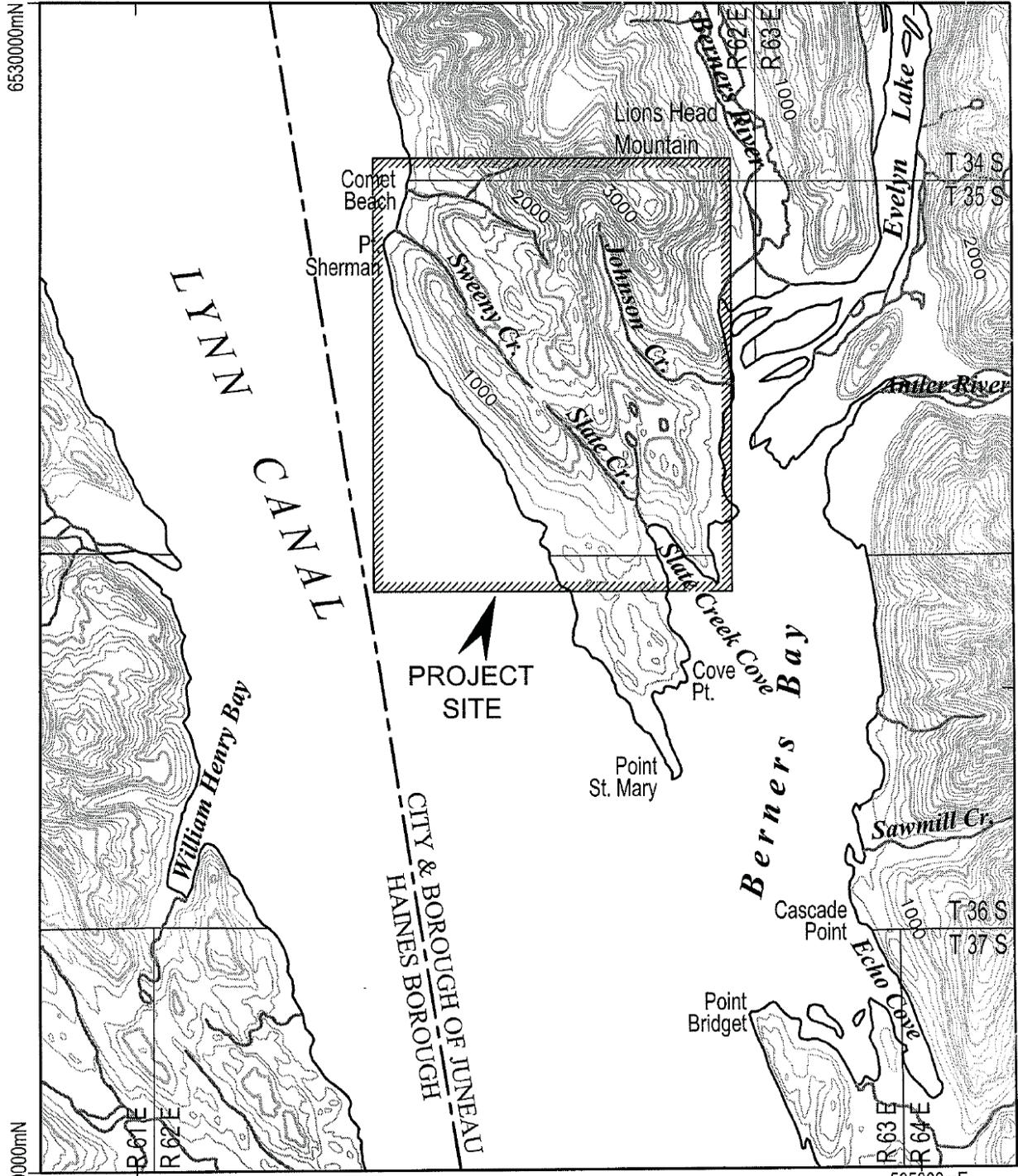
2010 Development Rock ABA Results	<i>Sulfur,</i>		<i>Sulfur Forms (Acid Extractable and Non-extractable Sulfur) 3.2.6</i>		<i>Acid</i>	<i>Neutralization</i>	<i>Acid - Base</i>
	<i>Total</i>				<i>Potential</i>	<i>Potential</i>	<i>Accounting</i>
	<i>3.2.4</i>	<i>Sulfate</i>	<i>Pyritic</i>	<i>Non-extractable</i>	<i>1.3.1</i>	<i>3.2.3</i>	<i>1.3.1</i>
	<i>wt%</i>	<i>wt%</i>	<i>wt%</i>	<i>wt%</i>	<i>t CaCO3/1000t</i>	<i>t CaCO3/1000t</i>	<i>t CaCO3/1000t</i>
Jualin Development Rock 1st Quarter	0.62	0.59	<.01	0.08	19	154	135
Jualin Development Rock 2nd Quarter	0.98	*	*	0.68	31	115	84
Jualin Development Rock 3rd Quarter	0.21	0.11	<.01	0.16	7	90	83
Comet Development Rock 1st Quarter	0.02	0.02	<.01	0.02	1	63	62
Comet Development Rock 2nd Quarter	0.18	0.18	0.06	0.06	6	122	116

* Laboratory unable to report due to analyst error

Table 5

2010 Tails MWMP Results	pH	NH ₃ (mg/L)	Al (ug/L)	Ar (ug/L)	Cd (ug/L)	Cr (ug/L)	Cu (ug/L)	Fe (ug/L)	Pb (ug/L)	Hg (ug/L)	Ni (ug/L)	Se (ug/L)	Ag (ug/L)	Zn (ug/L)
Tails 3rd Quarter	6.92	0.743	30.8	ND	ND	0.4	2.4	ND	0.04	ND	3.4	1.9	0.06	ND
Tails 4th Quarter	7.28	1.69	10.8	ND	ND	0.4	5.7	ND	0.06	ND	7	2.7	0.1	2.9

2010 Tails ABA Results	<i>Sulfur,</i>	<i>Sulfur Forms (Acid Extractable and Non-extractable Sulfur) 3.2.6</i>			<i>Acid</i>	<i>Neutralization</i>	<i>Acid - Base</i>
	<i>Total</i>				<i>Potential</i>	<i>Potential</i>	<i>Accounting</i>
	<i>3.2.4</i>	<i>Sulfate</i>	<i>Pyritic</i>	<i>Non-extractable</i>	<i>1.3.1</i>	<i>3.2.3</i>	<i>1.3.1</i>
	<i>wt%</i>	<i>wt%</i>	<i>wt%</i>	<i>wt%</i>	<i>CaCO₃/1000t</i>	<i>CaCO₃/1000t</i>	<i>CaCO₃/1000t</i>
Tails 3rd Quarter	0.23	0.09	0.14	<0.01	7	126	119
Tails 4th Quarter	0.35	<0.01	0.4	<0.01	11	136	125

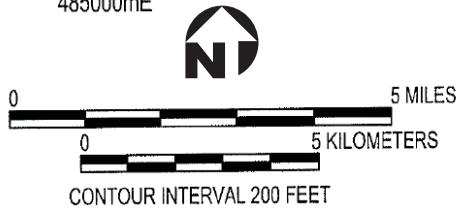


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6530000mN

485000mE

505000mE



Site Vicinity

Applicant: Couer Alaska, Inc.
Permit No:

Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska

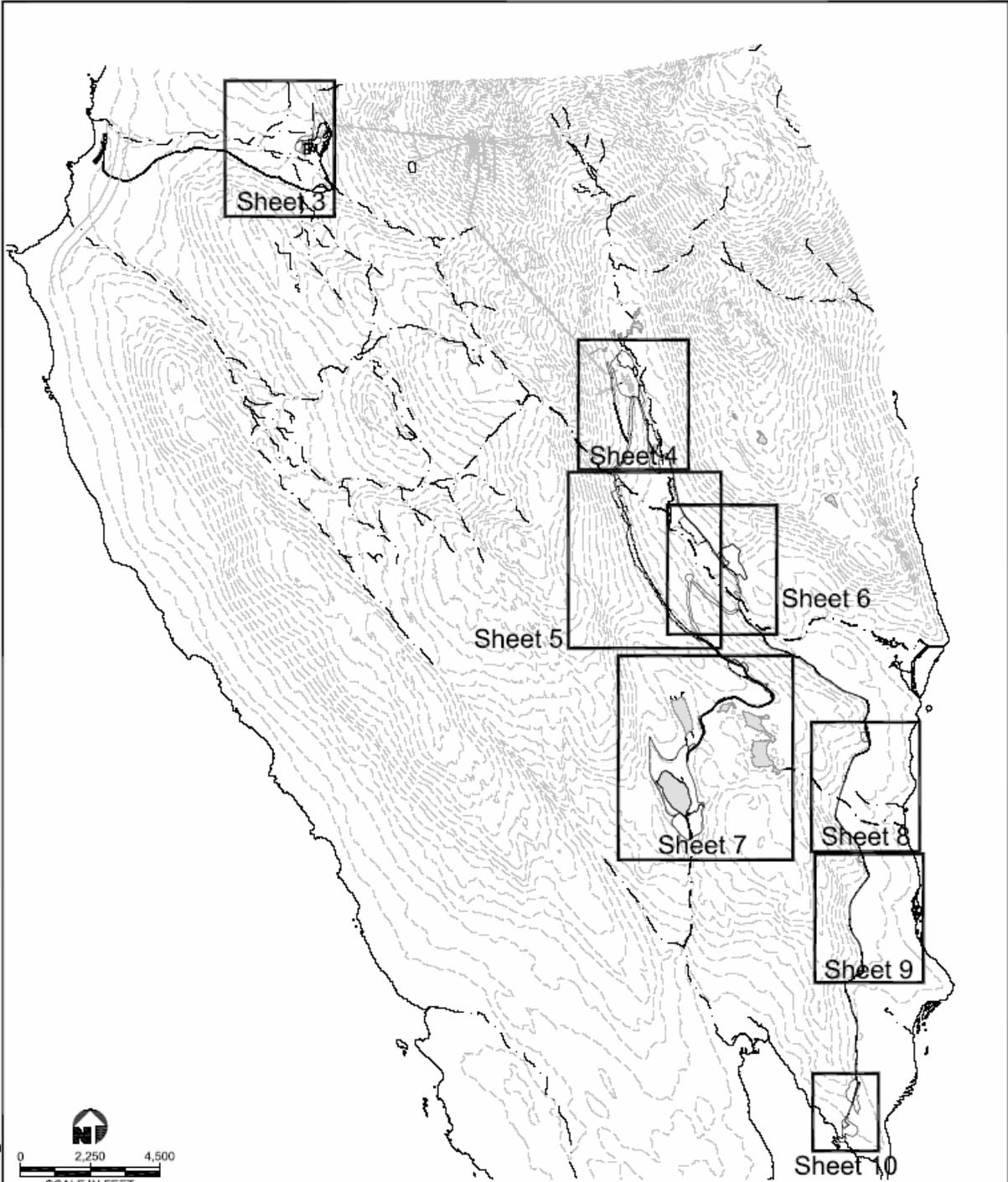
Adjacent Property Owners:
 1. U.S. Forest Service

Proposed: Kensington Gold Project

Purpose: Construction of mining related facilities and appurtenances

Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska

Sheet: 1 of 10
Date: December 2008

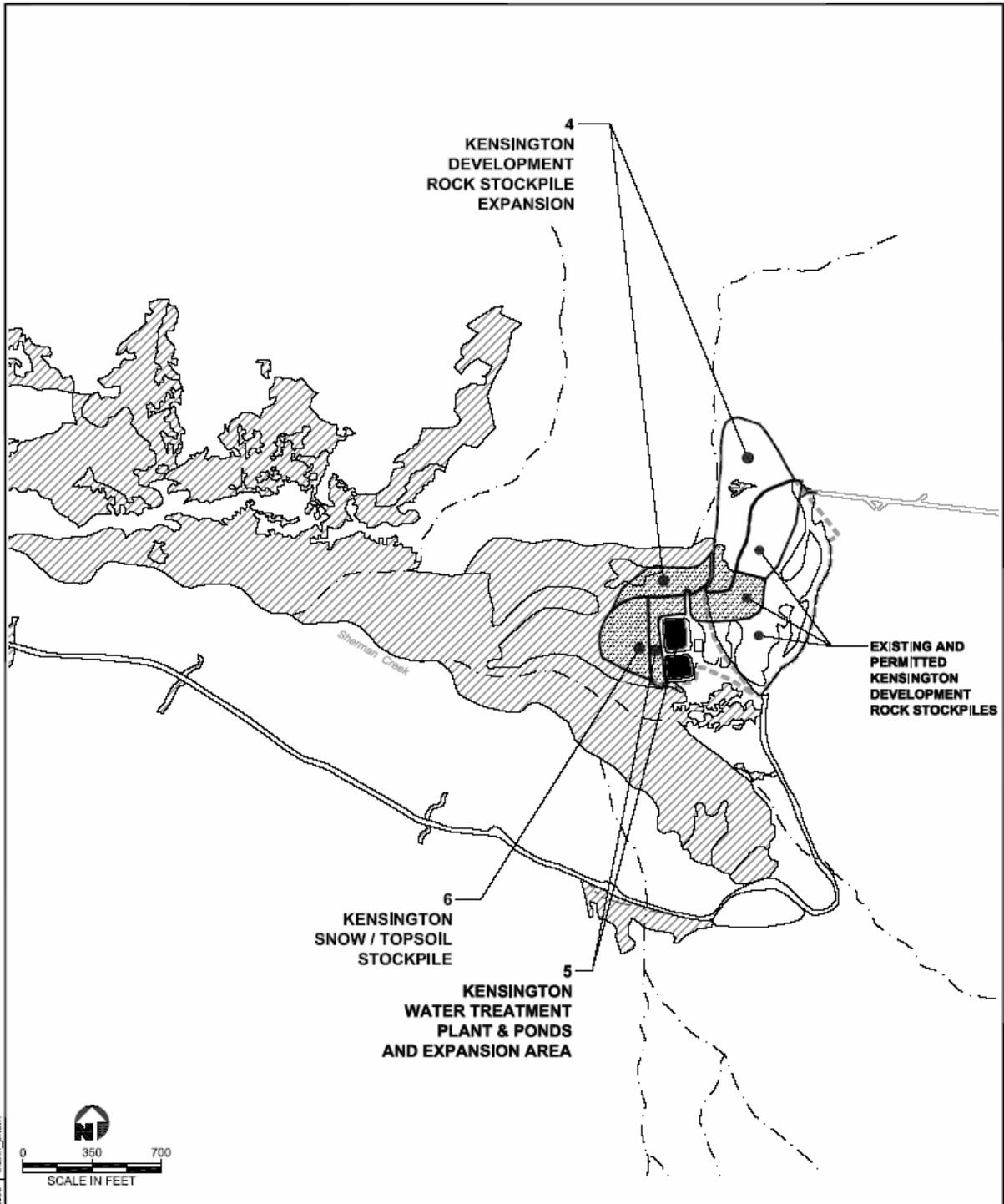


Site Layout

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Applicant: Coeur Alaska, Inc
Permit No:
Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska
Adjacent Property Owners:
 1. U.S. Forest Service
Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances,
Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska
Sheet: 2 of 10
Date: December, 2008



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Legend	
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	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact
	Existing Prior to Permitting

Applicant: Coeur Alaska, Inc
Permit No.:

Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska

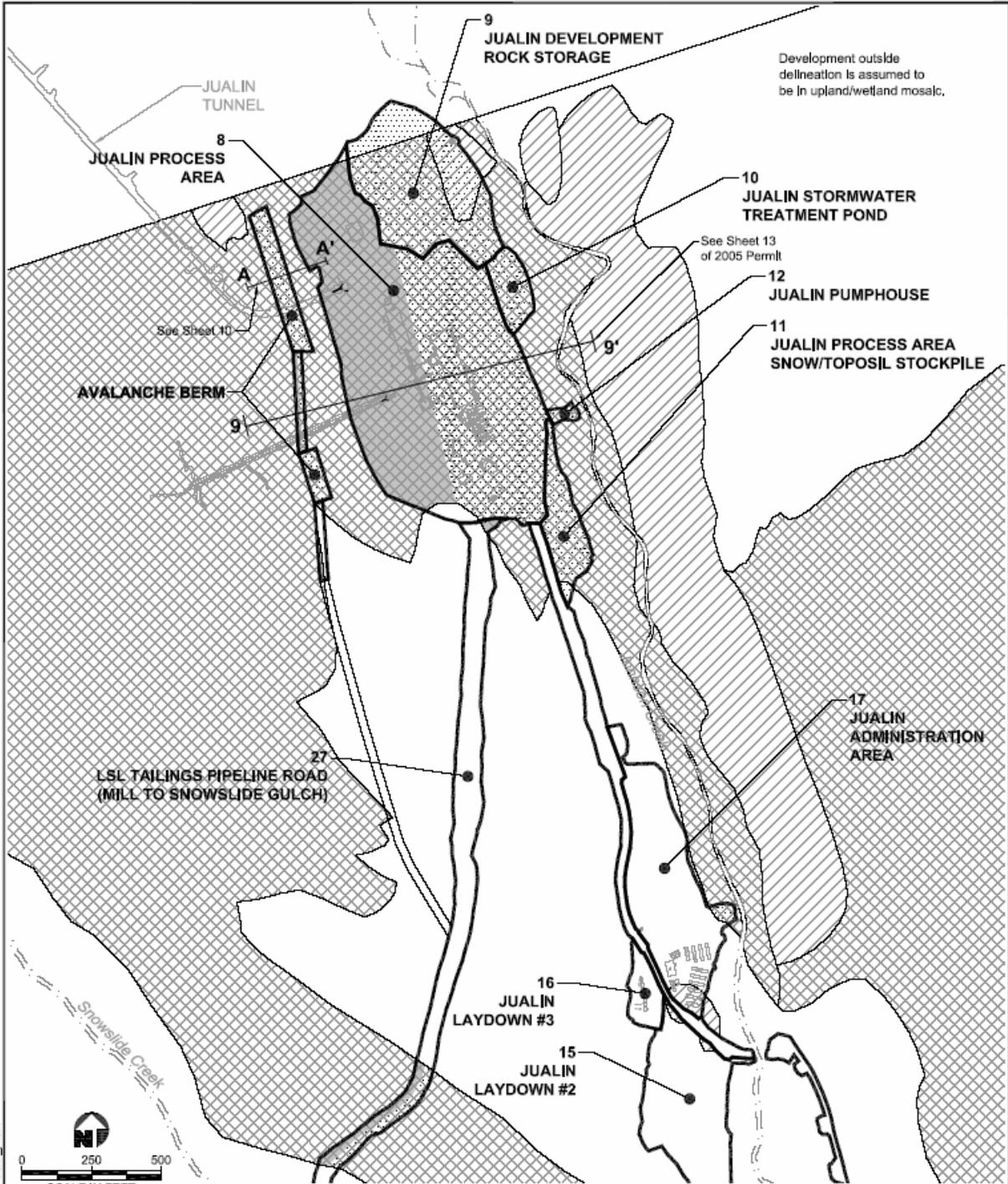
Adjacent Property Owners:
 1. U.S. Forest Service

Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances.

Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska

Sheet: 3 of 10
Date: December, 2008

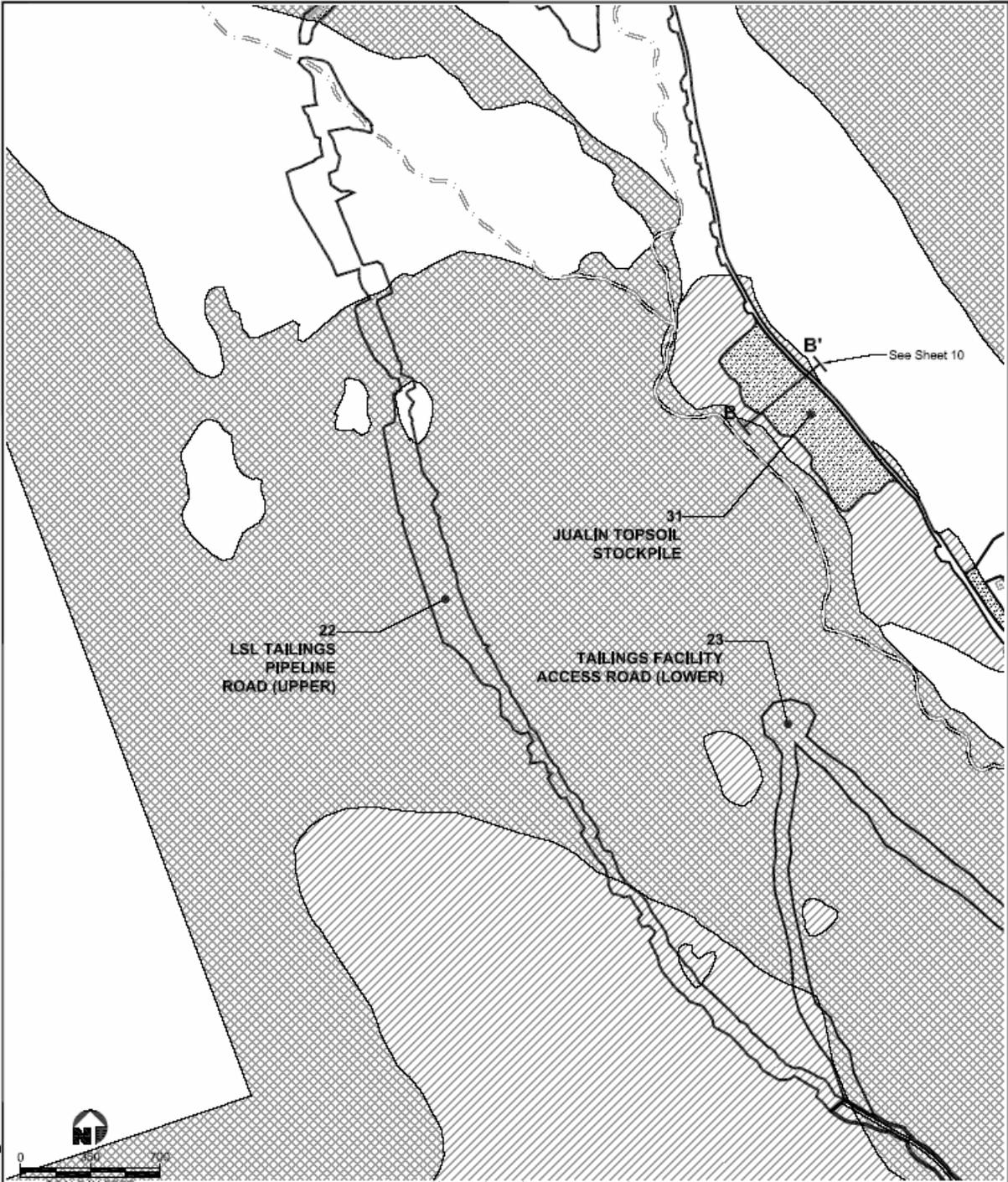


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Legend	
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	Wetland
	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact

Applicant: Coeur Alaska, Inc
Permit No:
Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska
Adjacent Property Owners:
 1. U.S. Forest Service
Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances,
Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska
Sheet: 4 of 10
Date: December, 2008

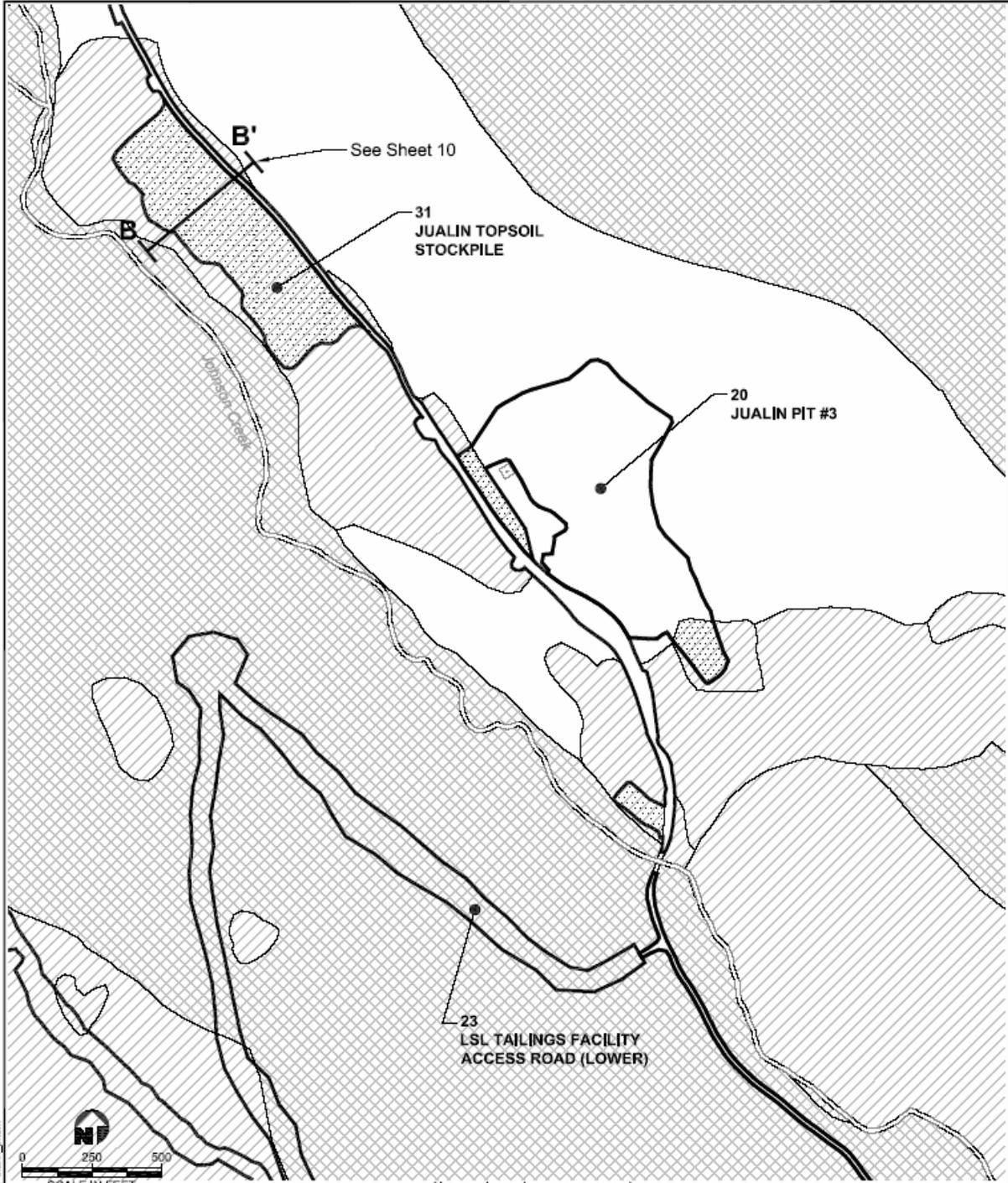


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New roads on slopes are assumed to be half cut and half fill.

<p>Legend</p> <ul style="list-style-type: none"> Work Area Boundary Wetland 25% Wetland Mosaic Upland or Bay Fill Impact Cut Impact 	<p>Applicant: Coeur Alaska, Inc Permit No.:</p> <p>Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska</p> <p>Adjacent Property Owners: 1. U.S. Forest Service</p> <p>Datum: Alaska State Plane Zone 1 NAD 83 on a NAD 27 Baseline</p>	<p>Proposed: Kensington Gold Project</p> <p>Purpose: Construction of mining related facilities and appurtenances.</p> <p>Near/At: T35S, R62E Municipality: City and Borough of Juneau State: Alaska</p> <p>Sheet: 5 of 10 Date: December, 2008</p>
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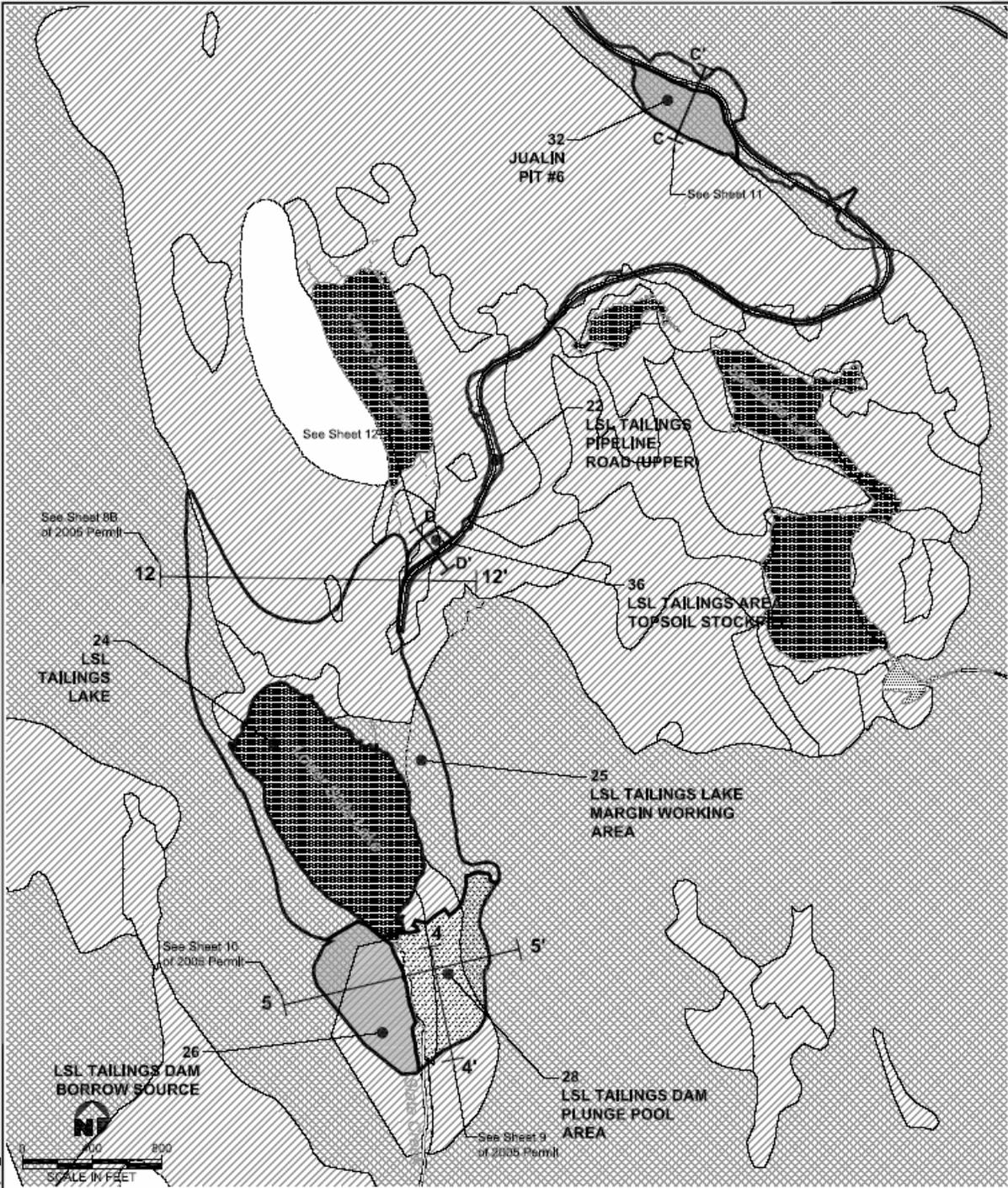


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	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact

Applicant: Coeur Alaska, Inc
Permit No:
Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska
Adjacent Property Owners:
 1. U.S. Forest Service
Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances.
Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska
Sheet: 6 of 10
Date: December, 2008



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Legend	
	Work Area Boundary
	Wetland
	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact

Applicant: Coeur Alaska, Inc
Permit No:

Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska

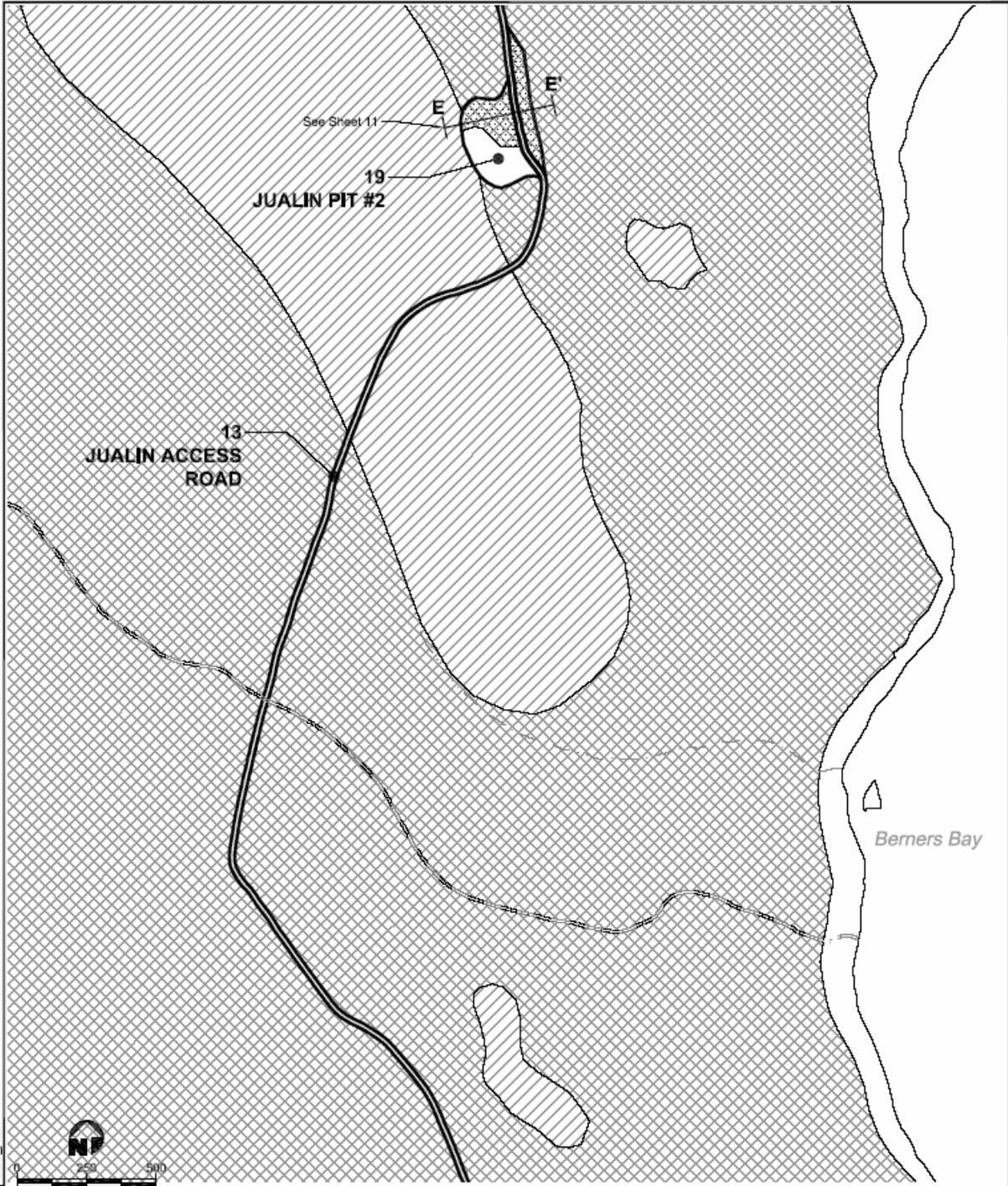
Adjacent Property Owners:
 1. U.S. Forest Service

Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances,

Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska

Sheet: 7 of 10
Date: December, 2008



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	Wetland
	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact

Applicant: Coeur Alaska, Inc
Permit No:

Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska

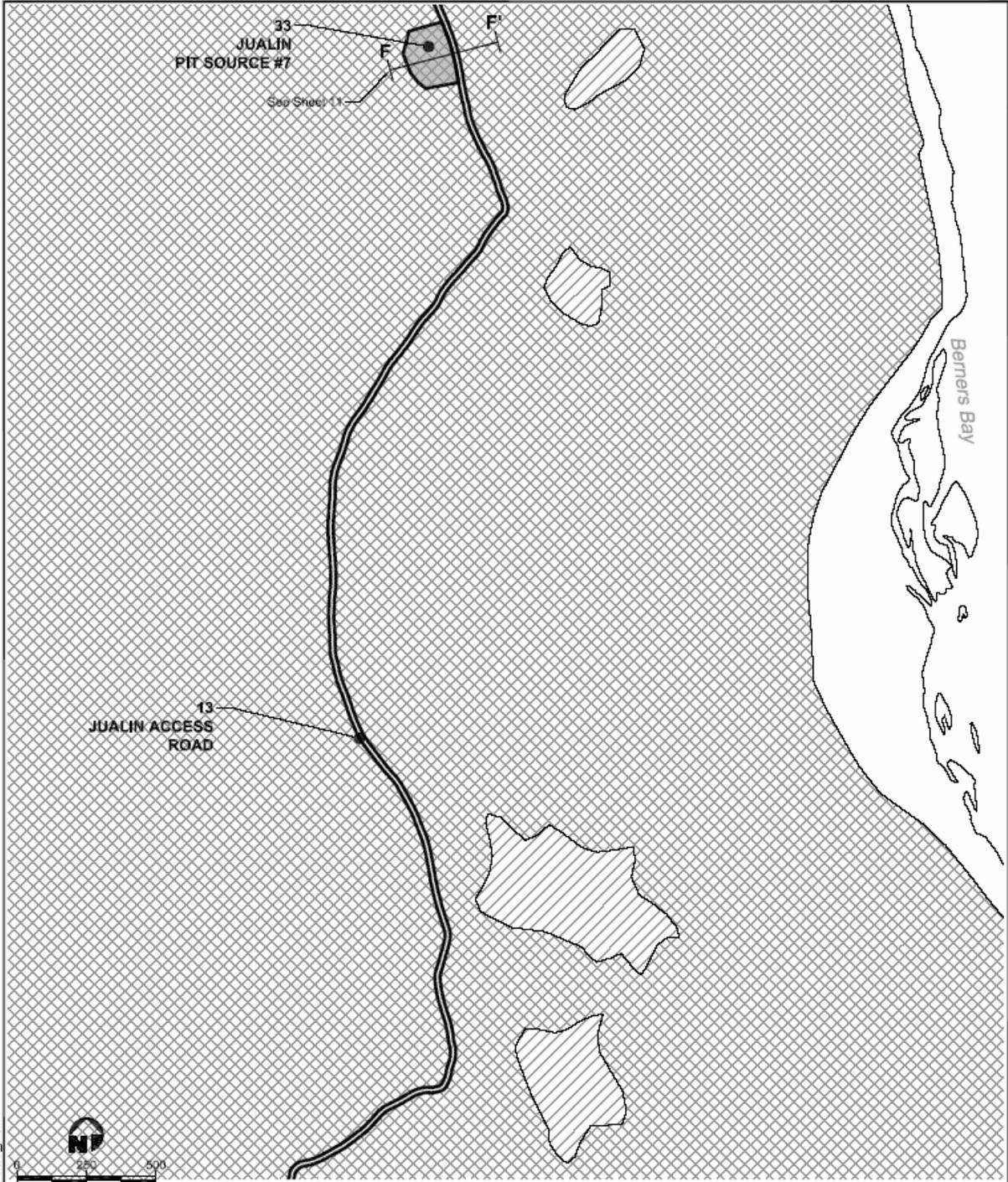
Adjacent Property Owners:
 1. U.S. Forest Service

Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances.

Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska

Sheet: 8 of 10
Date: December, 2008



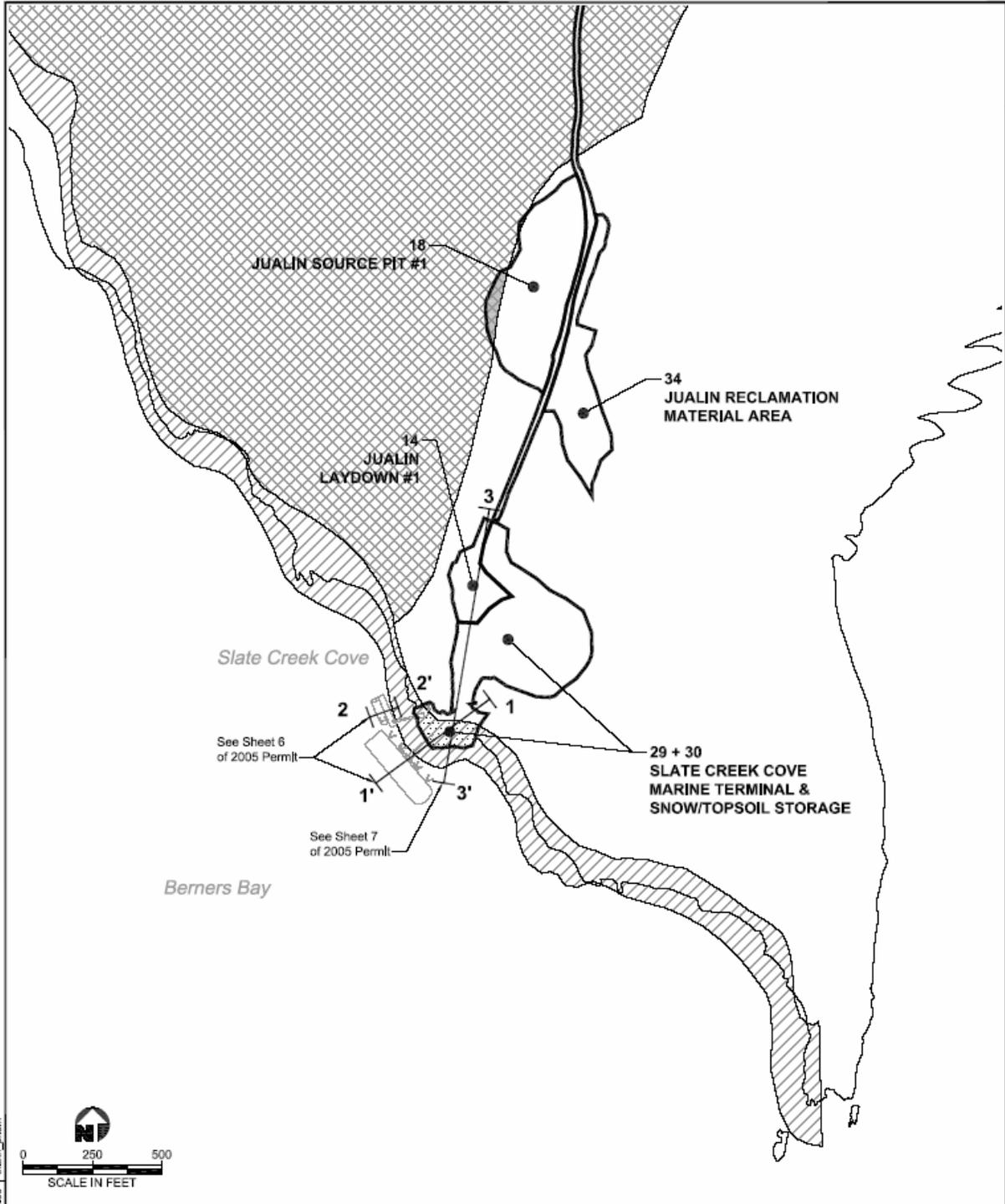
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Legend	
	Work Area Boundary
	Wetland
	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact

Applicant: Coeur Alaska, Inc
Permit No:
Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska
Adjacent Property Owners:
 1. U.S. Forest Service
Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances.
Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska
Sheet: 9 of 10
Date: December, 2008



T:\Misc-Jobs\Coeur Alaska\JARPA\Sheet 9 Slate Creek Cove.dwg
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	Work Area Boundary
	Wetland
	25% Wetland Mosaic
	Upland or Bay
	Fill Impact
	Cut Impact

Applicant: Coeur Alaska, Inc
Permit No.:
Location Address: Approximately Lynn Canal at Berners Bay, Juneau, Alaska
Adjacent Property Owners:
 1. U.S. Forest Service
Datum: Alaska State Plane Zone 1
 NAD 83 on a NAD 27 Baseline

Proposed: Kensington Gold Project
Purpose: Construction of mining related facilities and appurtenances.
Near/At: T35S, R62E
Municipality: City and Borough of Juneau
State: Alaska
Sheet: 10 of 10
Date: December, 2008

Attachment 1

Mountain Goat Assessment - ADFG

Attachment 2

Marine Mammal Report - 2010

Attachment 3

Upper Slate Lake Dolly Varden Survey – 2010

Attachment 4

Wildlife Monitoring - 2010