

Juneau/Greens Creek/Hoonah Intertie Project

Quarterly Progress Report

January 1, 2004 through March 31, 2004

PERMITTING PROGRESS

Permitting is going as anticipated for the JGCHI project. AELP has been working closely with several agencies and consultants as we move forward with in the permitting of this project. Our analysis of our permitting budget shows us that we are on target and do not foresee any circumstances that may affect a positive outcome.

The largest undertaking for the permitting of this project is the Application for Transportation & Utility Systems on Federal Lands that is issued through the US Forest Service. This application process involves NEPA scoping and the preparation of an Environmental Assessment. These activities are going well and we do not anticipate any major obstacles in the overall process of this permit. All other permits are moving through their necessary channels and those are coming along very well.

Below are tables for permits that have been submitted. They are either; under review, have been approved, are near approval, or will be submitted in the next quarter:

Submittal Recap

Agency	Permit	Submittal Date	Status
USFS – Juneau Ranger District	Application for Transportation & Utility Systems on Federal Lands	September 5, 2003	Under Initial Agency Review
USFS – Juneau Ranger District	Scoping Document (Part of TUS Application)	February 26, 2004	Received comments from March 30, 2004 deadline & we are now developing Environmental Assessment (See next row)
USFS – Juneau Ranger District	Self-Prepared Environmental Assessment (Result of Scoping Doc. & part of TUS Application)	Projected Completion Date for Issuance for Comment 6/7/04	Work in progress, studies, NEPA scoping
US Army Corps of Engineers – Juneau Regulatory Branch	Application for Department of the Army Permit	October 24, 2003	Replaced by 2/10/04 Submittal
US Army Corps of Engineers – Juneau Regulatory Branch	Application for Department of the Army Permit	February 10, 2004	Under Initial Agency Review for Overhead Portion of JGCHI Project
ADNR - OPMP	Coastal Project Questionnaire & Certification Statement	February 10, 2004	Comments Were Due March 24, 2004, expecting final Consistency Determination next Quarter
US Army Corps of Engineers – Juneau Regulatory Branch	Application for Department of the Army Permit	March 19, 2004	Received NWP 12 (i) Permit for Laying Submarine Cable from N. Douglas to Young Bay

Juneau/Greens Creek/Hoonah Intertie Project
Quarterly Progress Report
January 1, 2004 through March 31, 2004

Upcoming Schedule

AELP will continue completing and submitting applications for the JGCHI. Applications that will be submitted in the coming quarter are listed below:

Applications

Agency	Permit
ADNR – MLW	Application for Easement
ADNR – MLW	Environmental Risk Questionnaire
CBJ – Community Dev't	Conditional Use Permit Application
CBJ – Community Dev't	Development Permit Application
USCG/NOAA	Update NOAA Marine Charts to Show Submarine Cables
US Army Corps of Engineers	Section 404 Permit
ADNR - MLW	Section 401 Water Quality Certification, Part of COE permits

ENGINEERING PROGRESS

Progress for the engineering and design portions of the JGCHI project are moving along as planned. The only site work that is noticeable at this time is the staking of the overhead transmission line along the Greens Creek A road, and the staking of the proposed submarine cable termination yards at North Douglas and Young Bay. Photos are attached below as Appendix A for the transmission line design portion of the engineering design of the A-Road transmission line.

The schedule for completion is expected to be met as initially planned. In our analysis of the budget for engineering and design functions, we have concluded that we continue to remain on target for these activities.

Below is a table of progress for the engineering and design functions required for the Juneau / Greens Creek / Hoonah Intertie Project:

Engineering Task	Performing Parties	Status
Power Flow Modeling and System Electrical Modeling	AELP / Power Engineers	65% Complete
North Douglas Submarine Cable Termination Yard Civil Design	AELP / R & M Engineering	75% Complete
North Douglas Submarine Cable Termination Yard Electrical Design	AELP / Tandem Systems	25% Complete
North Douglas to Young Bay Submarine Cable Spec. and Routing Design	AELP / R & M Engineering	15% Complete
Young Bay Submarine Cable Termination Yard Civil Design	AELP / R & M Engineering	75% Complete
Young Bay Submarine Cable Termination Yard Electrical Design	AELP / Tandem Systems	45% Complete
Young Bay to Hawk Inlet (A-Road) Transmission and Fiber Optic Line Design	AELP / Power Engineers	35% Complete
Hawk Inlet to Greens Creek Mine (B-Road) Transmission and Fiber Optic Preliminary Line Design	AELP / Power Engineers	20% Complete

Juneau/Greens Creek/Hoonah Intertie Project
Quarterly Progress Report
January 1, 2004 through March 31, 2004

APENDIX A
Project Photographs



Photo 1 April 13, 2004, Power Engineer's Surveyor ,at Young Bay Beach



Photo 2 April 13, 2004, Power Engineer Transmission Line Engineer (left) locating and marking Points of Intersection along Road "A", Young Bay to Hawk Inlet. Power Engineer Surveyor (right) prepared to locate PI with GPS equipment.

Juneau/Greens Creek/Hoonah Intertie Project
Quarterly Progress Report
January 1, 2004 through March 31, 2004



Photo 3 April 14, 2004, Power Engineer's Surveyor verifying PI along Road "A"



Photo 4 April 14, 2004, Topography of Road "A"

Juneau/Greens Creek/Hoonah Intertie Project
Quarterly Progress Report
January 1, 2004 through March 31, 2004



Photo 5 April 15, 2004, Power Engineer's probing PI's locations to determine soil conditions.



Photo 6 April 15, 2004, Power Engineer Transmission Line Engineer walking along Road "B" and noting conditions for future transmission line