

To: Bob Piorkowski Alaska Department of Fish & Game PO Box 115526 Juneau, AK 99811-5526	
From: James Brady 2525 C St., Suite 305, Anchorage, AK 99503 HDR Alaska 907-644-2011	Project: Grant Lake Hydro 2010 Fisheries Investigation
CC: Robert Begich ADF&G Soldotna	
Date: December 16, 2010	Job No: 00000000091437

## Collection Report for ADF&G Fish Resource Permit No. SF2010-155

This memorandum summarizes the fish collection activities for the Kenai Hydro LLC (KHL), Grant Lake Project located near Moose Pass, Alaska from May 1, 2010 through December 31, 2010. It is being submitted with an accompanying ADF&G FRP data submission form in Excel format in fulfillment of reporting requirement for the permit referenced above. Because work on this project was suspended in early August, 2010, this constitutes both the collection report and the final completion report for the above referenced permit.

### Notification

ADF&G Area Management Biologist, Robert Begich was notified by phone on April 15, 2010.

### Field Personnel

Paul McLarnon, Erin Cunningham, Scott Prevatte, Heidi Weigner, George Hoden and Patrick Blair  
HDR Alaska, 644-2000

### Background

Kenai Hydro, LLC (KHL) received preliminary permits from the Federal Energy Regulatory Commission (FERC) for the study of a proposed hydroelectric project at Grant Lake/Grant Creek (FERC No. 13212/13211) in October 2008. The Project will be located near the community of Moose Pass, Alaska in the Kenai Peninsula Borough, approximately 25 miles north of Seward, Alaska, and just east of the Seward Highway (State Route 9).

### Study Purpose

The 2010 Aquatic Resources Study Plan was drafted to address information needs identified in the Pre-Application Document, during the public comment process, and through early scoping conducted by FERC. These studies will investigate information relative to the scope and context of potential effects of the Grant Lake Project. This information will be used to analyze Project impacts and propose protection, mitigation, and enhancement measures in the draft and final License Application for the Project.

### Methods

Methods used for these investigations are provided in the April, 2010 Aquatic Resources Draft Study Plans for the Grant Lake Hydroelectric Project which can be downloaded from the project website by the link provided below.

[http://www.kenaihydro.com/work\\_groups/studyplans/Aquatic\\_Resources\\_Draft\\_Study\\_Plan\\_April2010.pdf](http://www.kenaihydro.com/work_groups/studyplans/Aquatic_Resources_Draft_Study_Plan_April2010.pdf)

## Results

Fish sampling commenced in May as described in the draft study plans. Fish captures occurred for the Rainbow Trout Spawning and Distribution study (Section 3.2.2.1 of the Draft Study Plan), the Resident and Rearing fish study in Reach 5 (Section 3.2.2.2), and the Resident and Rearing fish use in open water habitats (Section 3.2.2.4).

KHL is in ongoing consultation with relevant agencies regarding several key issues raised during scoping meetings and review of study plans by the agencies and the public. Several of these issues directly impact the proposed Project facilities and associated study efforts. In order to fully consider and consult with agencies regarding potential Project effects and necessary study efforts, KHL determined a revised Project development schedule was necessary. As a result the Grant Lake field studies were suspended in August 2010, pending resolution of these issues. There will be no further reporting on the 2010 study efforts this winter. Studies will resume in 2011 with modifications as necessary and will be fully reported upon completion.

Attachment: Excel Spreadsheet

cc. Mike Salzetti – KHL  
John Morsell – NES  
Consultation File - KHL