

## **SECOND SIX-MONTH PROGRESS REPORT**

**For the Period July, 2012 through December, 2012**

### **TAKATZ LAKE HYDROELECTRIC PROJECT**

FERC No. 13234-002

**City and Borough of Sitka Electric Department**

**January, 2013**

This report documents licensing activities for the Takatz Lake Hydroelectric Project (“Project”) during the Period January, 2012 through June, 2012. Biannual progress reports are required by Federal Energy Regulatory Commission (FERC) letter issuing a Successive Preliminary Permit (“Permit”) for the Project, dated January 18, 2012.

#### **PROJECT BACKGROUND and CONTACT INFORMATION**

The Project would be an approximately 27 megawatt (MW) installation located on the east shore of Baranof Island, near Sitka, Alaska. Details of the proposal are in the Successive Permit Application, filed with the Commission on January 18, 2012.

The exact name, business address and contact numbers of the person authorized to act as agent for the Licensee is:

City & Borough of Sitka, Electric Department  
Attn: Christopher Brewton, Utility Director  
105 Jarvis Street  
Sitka, Alaska 99835  
Phone: 907-747-1870  
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#### **PROGRESS DURING the FIRST REPORTING PERIOD**

Progress during this reporting period included study planning, field studies, and a Capacity Analysis Report. The following sections document progress accomplished this period.

#### **CONSULTATION and COMMENT**

On July 19, 2012, met with FERC consultant Mike Prewitt to discuss project plan.

Completed meeting with our consultant and project team to plan installation of 3<sup>rd</sup> stream gage utilizing 3<sup>rd</sup> party contractor to minimize costs.

Conducted a site visit with the FERC representative in August 2012

Inaccessibility to area still poses problems. Poor weather this year impacted planned field studies, specifically the planned geo-technical work and spring botanical studies, and has resulted in that work being postponed until next spring.

## **RESOURCE STUDIES**

On July 9, 2012, the 2011 Draft Wildlife Study Plan was sent to stakeholders.

On July 9, 2012, the 2012 Draft Fisheries Study Plan was sent to stakeholders.

On July 30, 2012, the 2011 Final Wildlife Report was sent to stakeholders and filed with FERC.

On July 31, 2012, the Final Fisheries Investigations Report was sent to stakeholders and filed with FERC.

Granted extension to Botanical consultant to complete phase II assessment next year due to poor field conditions this year.

Joint funding agreement with USGS approved for an additional 3-year period to maintain two stream gages at the project site.

## **ENGINEERING STUDIES**

As part of the Capacity Analysis studies, our engineering consultant continued preliminary evaluation of different project configurations, including lake tap and alternative dam sizes/locations. Further engineering work and decisions will await bathymetric survey and geotechnical results as indicated in next section

## **ITEMS to be COMPLETED DURING NEXT 6-MONTH REPORTING PERIOD**

Issuance of RFP for bathymetric and geotechnical survey.

Preparations for additional LiDAR work in the area next year.

Study planning and initial measurements (weather and snow conditions permitting) for stream gage on North Tributary of Lower Takatz Creek.

USFS Special Use Authorization will require amendment to include base camp for geotechnical & bathymetric surveys.

Anticipate final Scenery Resources Study Report will be submitted.

Christopher Brewton, Utility Director  
City and Borough of Sitka Electric Department

Cc: Takatz Project Stakeholder list.  
Lesley Kordella, FERC