October 29, 2014

VIA EMAIL

Brandon Cherry, FERC
Patrick Crile, FERC
Chris Chaney, FERC
Bill McDavitt, NMFS
Russ Cohen, MA Riverways
Kimberly Noake MacPhee, FRCOG
Andrea Donlon, CRWC
Tom Miner, CRSEC
John Bennett, FCD
Mike Bathory, LCCLC

Re: Connecticut River Streambank Erosion Committee Full River Reconnaissance Data Request received October 22, 2014

Dear All,

On October 22, 2014 FirstLight Hydro Generating Company (FirstLight) received a request for additional data associated with Study No. 3.1.1 *2013 Full River Reconnaissance*. The additional data request was submitted by Andrea Donlon (Connecticut River Watershed Council) on behalf of the Connecticut River Streambank Erosion Committee (CRSEC). Below please find FirstLight's response to the CRSEC's data request and enclosed please find a copy of the project geodatabase as requested.

CRSEC Request #1: Task 1 – Land Based Observations: Data logging and field forms[1]

FirstLight Response: FirstLight provided the land-based survey data logging and field forms in Appendix H of the final study report filed with FERC on September 15, 2014. During project planning and field work preparation the table specifically cited in the CRSEC request letter (Table 4 from page 18 of the QAPP) evolved into the field forms contained in Appendix H and Table 5.3 of the final study report. The GIS data from which Table 5.3 was developed can be found in the enclosed geodatabase in the 'Riverbank_Segments_Land_Survey' feature class.

CRSEC Request #2: Task 2 – Classify Riverbank Features, Characteristics, and Erosion: Data logging and field forms

[1] Task numbers referenced by the CRSEC are from the Revised Study Plan for Study No. 3.1.1 *2013 Full River Reconnaissance.*

John S. Howard
Director FERC Compliance
Chief Dam Safety Engineer

FirstLight Power Resources, Inc.
99 Millers Falls Road
Northfield, MA 01360
Tel. (413) 659-4489/ Fax (413) 422-5900/
E-mail: john.howard@gdfsuezna.com

FirstLight Response: All observations made during the boat-based survey were done digitally via a GPS data logger. This information can be found in the enclosed geodatabase in the 'Riverbank_Segments_Boat_Survey' feature class.

CRSEC Request #3: Task 3 – Spatially Define Riverbank Transition Points: 1) GPS data points denoting the start and end points of all riverbank segments, and 2) data logging and field forms.

FirstLight Response: The GPS collected end points for all riverbank segments delineated during the boat-based survey are included in the enclosed geodatabase in the 'Riverbank_Segment_Endpoints' feature class. All observations made during the boat-based survey were done digitally via a GPS data logger as noted in the response to CRSEC Request #2.

CRSEC Request #4: Task 4 – Video and Photographic Documentation: Geo-referenced video of the entire Turners Falls Impoundment

FirstLight Response: The entire geo-referenced video of the Turners Falls Impoundment, and all photographs, were provided to the Stakeholders via the GIS based web application developed by FirstLight (http://bit.ly/1uBADod) on 10/13/2014. Included in this web application were GIS layers denoting the path traveled for each video segment including a layer containing the point locations for every 1 second of video shot. Stakeholders can click on a given point and see the timestamp for when the corresponding video was taken. By using the already provided GIS data Stakeholders can then pinpoint a location on the Turners Falls Impoundment with the exact segment from the video as requested.

FirstLight has also included the GIS layer denoting the video path and time stamped locations in the enclosed geodatabase in the 'FRR_Video_GPS_Points' feature class.

CRSEC Request #5: The complete GIS database with documentation in either shapefile or geodatabase format.

FirstLight Response: Enclosed please find a personal geodatabase containing the GIS data used to develop the maps, summary statistics, and analysis contained in the final study report filed with FERC on September 15, 2014. The enclosed geodatabase contains the following layers:

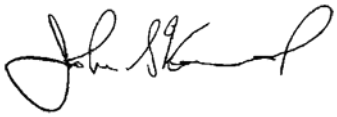
- Detailed Site Assessments
- FRR Video GPS Points
- Land-use 200ft Buffer
- Land-use 500ft Buffer
- Previously Stabilized Sites
- Proposed Stabilization Sites
- Riparian Buffer Width 500ft
- River Marker (ft)
- Riverbank Segment Endpoints
- Riverbank Segments Boat Survey
- Riverbank Segments Land Survey
- Sensitive Receptor Locations

Surficial geology and soils layers were not included in the enclosed geodatabase as this information was obtained from third parties such as MassGIS, NH GRANIT, VCGI, and the USGS. Surficial geology and

soils data is publicly available should Stakeholders choose to obtain it. Please refer to the metadata for each feature class for brief descriptions of the information contained within each layer.

If you have any questions, please feel free to contact me at (413) 659-4489 or via email at john.howard@gdfsuezna.com.

Sincerely



John Howard