

April 4, 2011

**Attention: River Rats and Rod and Gun Club**

This letter is to notify your members of BC Hydro's fisheries study activities in the Peace River, Halfway River and Moberly River this year. As part of BC Hydro's Site C 2011 Peace River Fisheries program, temporary rotary screw fish traps will again be placed in Peace River and lower Moberly River at the same locations as last year. In addition, this year two rotary screw traps will be placed in the lower Halfway River. As the rotary screw trap operation may influence river navigation, a *Navigable Waters Protection Act* approval from Transport Canada is required. This notification is being provided to local First Nations and public users as part of the approval application process. The schedule and description of the temporary fish trap operations follows.

The rotary screw trap operations will assist in obtaining fisheries baseline data on the timing and abundance of juvenile fish outmigration from the Moberly and Halfway rivers into the Peace River and data on downstream fish movements in the Peace River. The temporary rotary screw traps are scheduled to operate from May 1 to October 29, 2011.

The study plan includes two rotary screw traps being installed in the Peace River and one rotary screw trap placed in the lower Moberly River; the same as last year (see attached maps). The traps in the Peace River will be located in vicinity of the Moberly River confluence. The Peace River traps will be placed on the right river bank and another trap will be located on the left river bank. The Moberly River rotary screw trap will be located about 350 metres upstream from the confluence of the Peace River. The two rotary screw traps in the Halfway River will be located approximately 500 metres upstream of the highway bridge

A rotary screw trap is an aluminum cone shaped structure situated on two pontoons that float on the water (photo 1 and 2). The traps are approximately 4 m wide by 7 m long. The Peace River and Halfway River rotary screw traps will be installed as close to shore as possible, approximately two metres offshore. The Moberly River trap will be set on the river right side, against the shoreline. There will be adequate room for jet boaters to pass the trap at low water and signage will indicate the trap location. All traps will be secured from a cable which will be attached to a large tree just upstream of the trap site. There will be no cross river cabling involved.

Navigation mitigation measures will include:

- Signage will be placed 100 m upstream and downstream of the trap locations to alert boaters;
- A light sensitive flashing road construction type light will be placed on the traps for identification at night;
- The traps will be attended by fisheries technicians daily during daylight hours;
- Local first nations and recreational user groups will be notified of the activities; and
- Public inquiries can be directed to BC Hydro's Fort St John Communications office and project contact numbers will be posted on the traps.

If you have any questions regarding the project please contact Bruce Mattock. Mainstream Aquatics will be conducting the trapping study.

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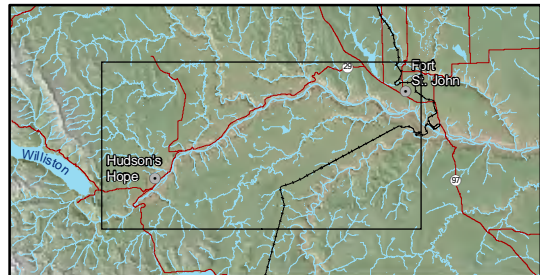
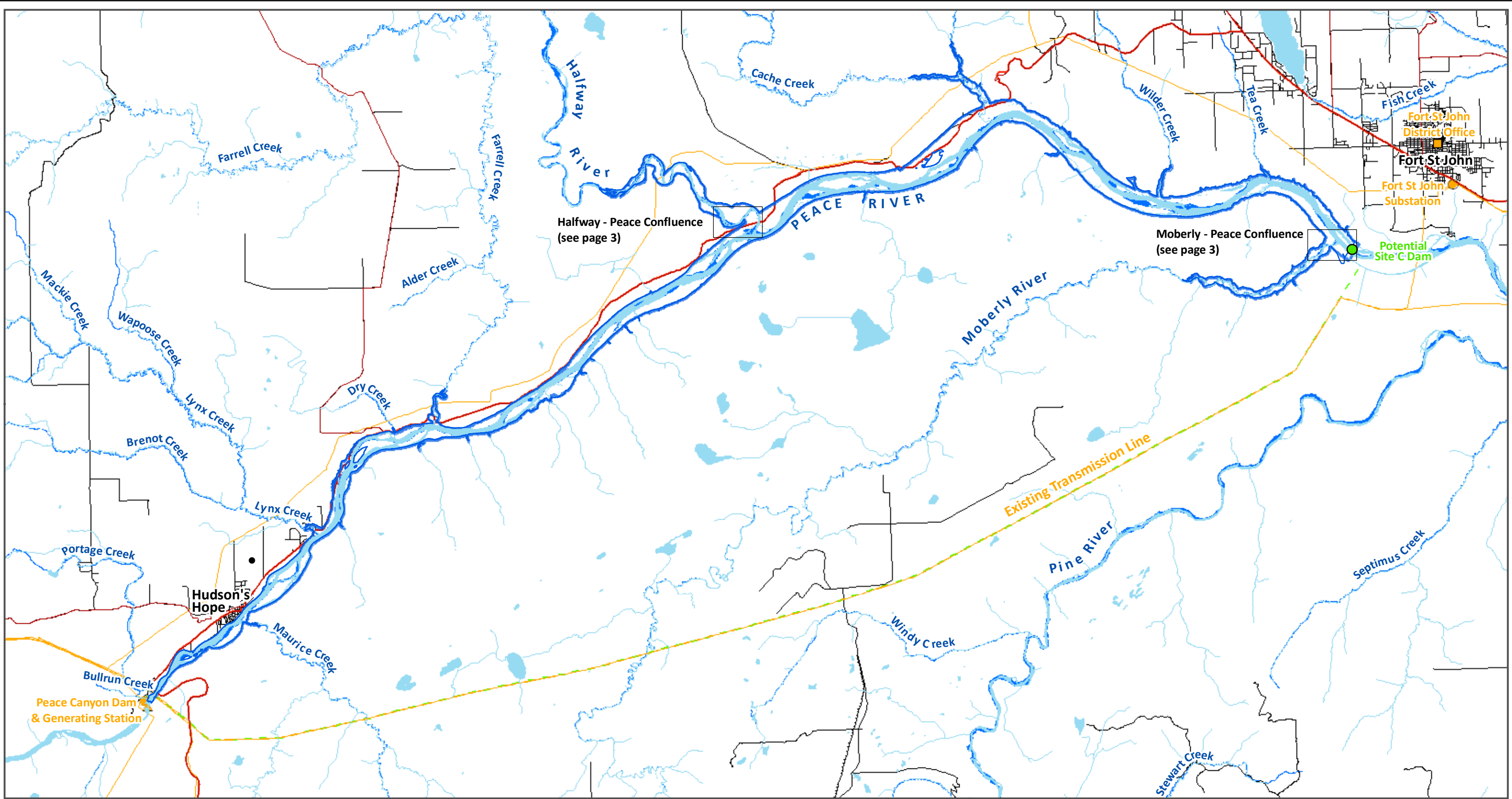
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Photo 1. Photo of a rotary screw trap that will be used in the Peace River sampling program.



Photo 2. Photo of the rotary screw trap setup (Peace River trap).





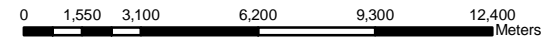
**MAP NOTES:**  
 1. Datum: NAD83  
 2. Projection: UTM Zone 10N  
 3. Proposed reservoir area (461.8m maximum derived normal elevation) from Digital Elevation Models (DEM) generated from LIDAR data acquired July/August 2006.  
 4. 1:40,000 scale orthophotography (2007) provided by BC Hydro. LANDSAT Imagery shown in absence of orthophotography.

 Potential Site C Reservoir

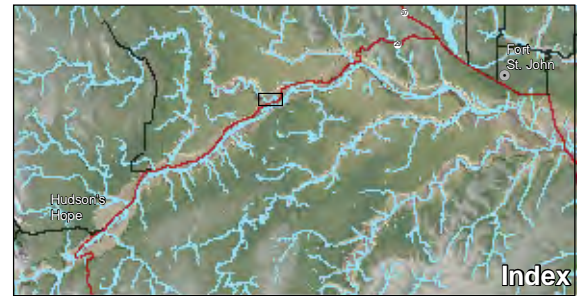
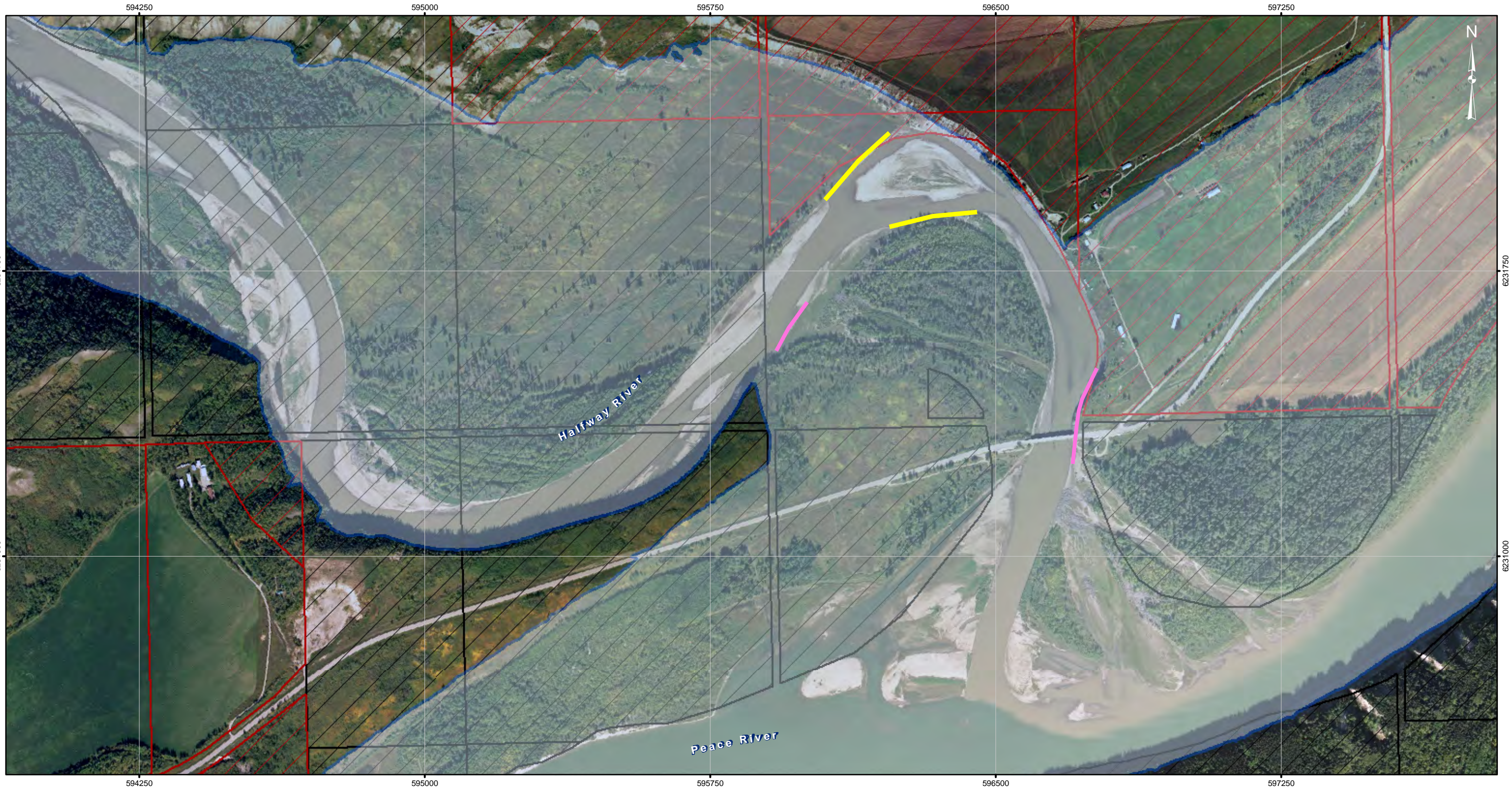
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		Site C Rotary Screw Trap Location Overview	
		<b>DRAFT</b>	
DATE	Feb. 2011	DWG NO	1016-C14-B4137
			R 2



Construction of the Site C Clean Energy Project is subject to required regulatory approvals including environmental certification.



**MAP NOTES:**  
 1. Datum: NAD83.  
 2. Projection: UTM Zone 10N.  
 3. Orthophotos created from 1:40,000 photos taken Sept. 10th 2007, 1:20,000 taken June 12th/12th 2007, and 1:5,000 taken Sept 6th 2007.  
 4. Property information is a combination of surveyed data representing BC Hydro's current ownership records and ICIS data.  
 5. Proposed reservoir area (461.8m maximum derived normal elevation) from Digital Elevation Models (DEM) generated from LiDAR data acquired July/August, 2006.

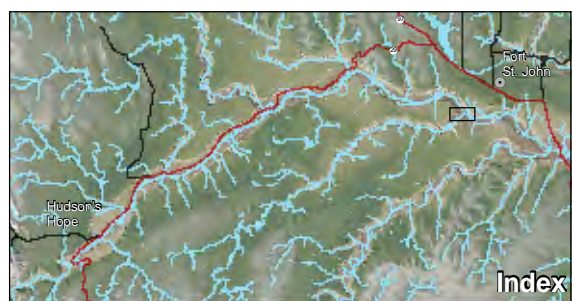
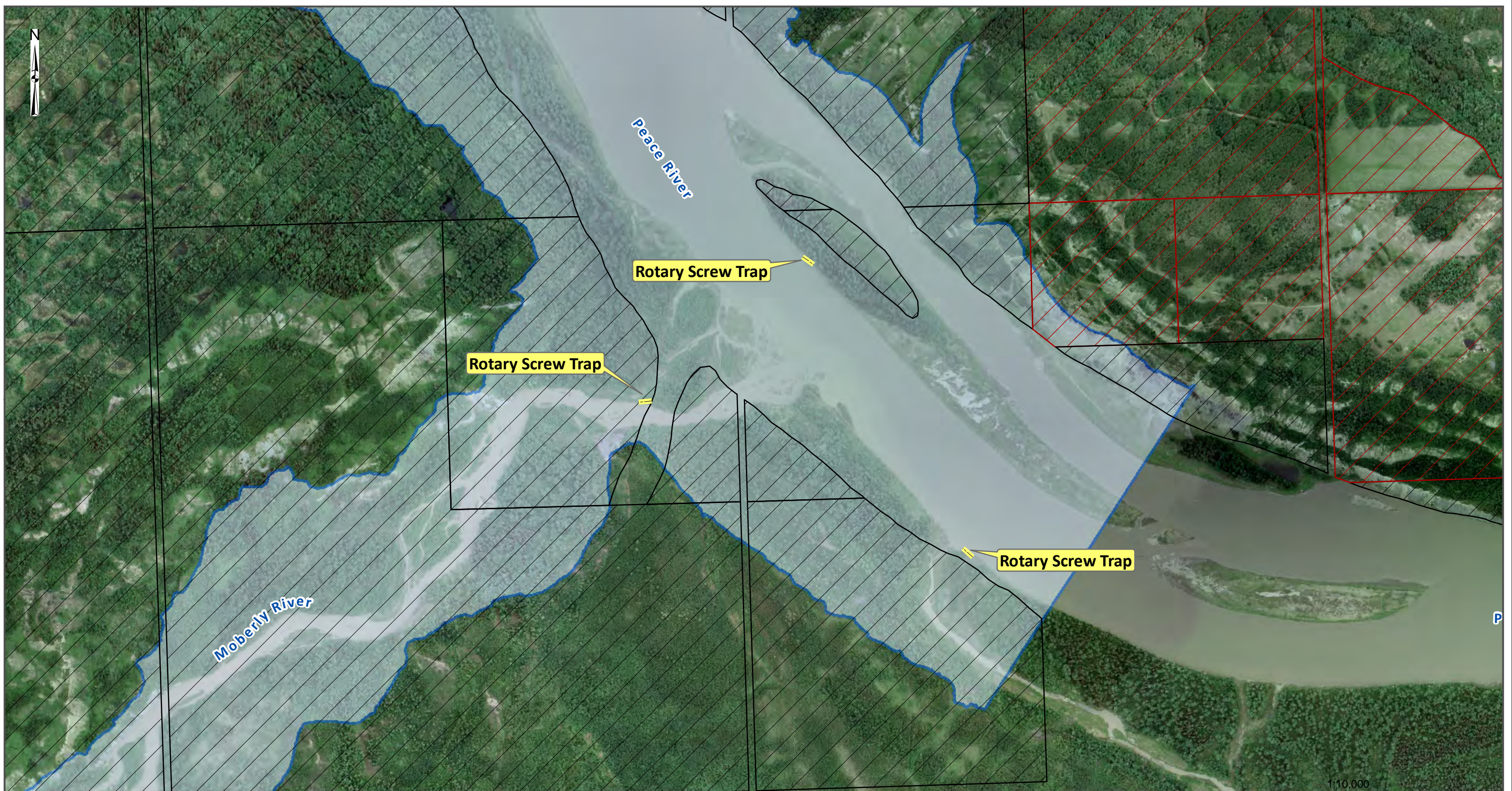
**Legend**

- Proposed Reservoir
- Preferred Rotary Screw Trap Location
- Alternate Rotary Screw Trap Location
- Crown land
- BC Hydro owned land (leased)
- BC Hydro owned land
- Private land






1:10,000


Site C		<b>Proposed Rotary Screw Trap Locations Halfway River</b>	
DATE	MAR, 2011	1016-C14-B4137	R 0


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- Legend**
-  Proposed Reservoir
  -  Crown land
  -  BC Hydro owned land (leased)
  -  BC Hydro owned land
  -  Private land





Site C  
**Proposed Rotary Screw Trap Locations**  
 Moberly River

<b>DATE</b>	MAR, 2011	<b>1016-C14-B4137</b>	<b>R 0</b>
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