



## **East Toba River and Montrose Creek Hydroelectric Project Independent Environmental Monitor's Report**

### **Powell River Transmission Line Weekly Report for Period February 27 to March 5, 2010**

**Weather:** February 27 – partly sunny  
February 28 – partly sunny  
March 1 – sunny  
March 2 – intermittent rain  
March 3 – sunny  
March 4 – overcast  
March 5 – overcast

**Fisheries observations:** None.

**Wildlife observations:** There were two mature bald eagles within 100- meters of structure 138/3 in the South Lois sector.

**Action Items:**

### **Independent Environmental Monitor Activities**

IEM discussed final sign-off on the transmission line with Plutonic and Kiewit staff. IEM at the request of Kiewit management inspected the PEI yard at Lang Bay. There was no evidence of environmental damage done by PEI before the transfer from PEI to Kiewit. IEM assessed 15 sites in the South Lois sector, 73 sites in the Freda sector, and 9 sites in the Third Lake sector. Except for the remaining two action items dated August 27 2009 in the matrix below there was no evidence of environmental or drainage issues.

**Construction activities:**

#### **PKS**

- Deactivated Falls Main
- Actively deactivating JB100, South Lois and road realignment at 133/1
- Doing some site cleanup

## PEI

- Took pictures of 80/5 and 95/3
- Started to change brackets

## Sub-Station

- Received guarantee of isolation (GOI) from BC Hydro
- Installed all skywire on terminal structures
- Put firestop in all conduits
- Used stainless steel banding to mount the ground wire for the lightning post
- Had electrical designer on site to do inspection
- Started grouting bases of the steel columns
- Magna commissioned all high voltage equipment
- Fixed lights on incoming terminal structure
- Received bases for wave traps, and erected wavetraps

**Non-compliance activities and mitigation measures:** None.

## **Action Items:**

<b>Date</b>	<b>Item number</b>	<b>Location</b>	<b>Description</b>	<b>Mitigation measures</b>	<b>Risk/priority</b>	<b>Status</b>	<b>Date completed, photo #</b>
Week of July 20 2009		Various sites	Remove materials as specified in report of July 24		Low	Ongoing until project complete.	
August 27 2009		Sites 128/6, 129/3,	Remove construction debris as specified		Low	Ongoing, to be assessed at completion	
October 9 2009		Eldred sector	Remove waste material including food waste from all sites		Medium	Ongoing, to be assessed at completion	
November 6, 2009		Saltery Bay sector	Remove wood waste and puncheon from drainage channels at sites		Medium	Ongoing	

			140/1 to 141/1				
November 20, 2009		Eldred sector	Repair drainage to avoid runoff through the structure at site 90/5		Medium	Ongoing	
December 2, 2009		Jim Brown Sector	Clean culverts at mile 1.75 Jim Brown and at intersection of Jim Brown and Falls Mains		Medium	Ongoing	
December 18, 2009		Third Lake Sector	Provide geo technical assessment for work required at site 132/8 and carry out work identified		High	ASAP	Site assessment completed, awaiting report
February 15 to 17 2010		Daniels and Jim Brown sectors	Correct drainage issues at the following sites: 56/4, 57/4, 63/1, 63/6, 66/4		Medium to high	ASAP	
February 15 to 17 2010		Daniels and Jim Brown sectors	Remove construction debris on or around the following sites: 54/5, 56/2, 57/2, 59/2, 59/5, 60/2 and adjacent pull station, 62/5, 64/4, 66/4, 74/4, 78/3, 82/2		Low to medium	ASAP	
February 24 2010		All sectors	End haul all damaged culverts removed as part of the final deactivation		Low	ASAP	

**Fisheries sensitive activities and mitigations:** None.

**Sampling results:** None.