


**PEACE REGION – SWAN HILLS
GEOHAZARD RISK ASSESSMENT
SITE INSPECTION FORM**

SITE NUMBER SH 29	SITE NAME Drift Pile Bank Erosion	HIGHWAY & KM 2:50	PREVIOUS INSPECTION DATE July 17, 2008	INSPECTION DATE June 08, 2009
LEGAL DESCRIPTION LSD 16-20-73-12-W5M	NAD 83 COORDINATES N 6,133,779 E 575,973	RISK ASSESSMENT PF: 9 CF: 2 TOTAL: 18		

<p>SUMMARY OF SITE INSTRUMENTATION:</p> <p>No Instruments</p> <p>LAST READING DATE: N/A</p>	<p>INSPECTED BY:</p>  <p><i>Original signed by Karl Li, P.Eng</i></p> <p><u>Inspection Group:</u> (i)KarlEng: Karl Li, Shawn McArthur in company of (ii) AT: Ed Szmata, Roger Skirrow, Rocky Wang</p>
<p>PRIMARY SITE ISSUE:</p> <ul style="list-style-type: none"> - Bank erosion of Drift Pile River causing bank slumping failures and escarpment encroachment onto local roadway within Reserve <ul style="list-style-type: none"> o South local road just south of Hwy 2:50 junction o North local road (a few km) north of 2:50 junction - Loss of setback space along top of bank may endanger roadway with time <p>Note: Refer to details in Call-out Inspection Report (May 5, 2009 & Aug 31, 2008)</p>	
<p>APPROXIMATE DIMENSIONS:</p> <ul style="list-style-type: none"> - About 30m length of top of bank of Drift Pile <ul style="list-style-type: none"> o One location at local road just south from junction of Hwy 2:50 at Town of Drift Pile o One location at local road just north side (a few km) of Hwy 2: 50 at Town of Drift Pile 	
<p>DATE OF ANY REMEDIAL ACTION:</p>	

- None

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
PAVEMENT DISTRESS		x	- Site Located along a gravel road within Reserve -No pavement issue		
SLOPE MOVEMENT	x	x	Bank erosion and loss of setback may develop into bank slope instability issue		
EROSION	x		River bank erosion with loss of setback space		x
SEEPAGE		x			
CULVERT DISTRESS					

COMMENTS

In current 2009 site visit, it was reviewed that

- 1) No new deterioration has drastically developed over year 2008/2009. (and since the call-out inspections)
- 2) Site inspection should be continued.

Important Note:

This form assessment is an update for current year only. Please refer to the detailed assessment provided as in the earlier reports for background understanding of this site.

END