

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

SITE NUMBER SH 29 SH 29a	SITE NAME Drift Pile Bank Erosion SH 29 (South Local Rd) SH 29a (North local Rd)	HIGHWAY & KM 2:50	PREVIOUS INSPECTION DATE June 08, 2009	INSPECTION DATE May 17, 2010
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		

SUMMARY OF SITE INSTRUMENTATION: No Instruments LAST READING DATE: N/A	INSPECTED BY: (i)KarlEng: Karl Li (ii) AT: Ed Szmata, Roger Skirrow
PRIMARY SITE ISSUE: <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 (SH 29) <u>South local road</u> just south of Hwy 2:50 junction o (SH 29a) <u>North local road</u> (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>	
APPROXIMATE DIMENSIONS: SH 29 - <u>South local road</u> just south of Hwy 2:50 junction <ul style="list-style-type: none"> - About 30m length (erosion scarp) of top of bank of Drift Pile SH 29a - <u>North local road</u> (a few km) north of 2:50 junction <ul style="list-style-type: none"> - About 3m setback space remained btw road edge and top of bank - About 12m length (erosion scarp) of top of bank of Drift Pile 	
DATE OF ANY REMEDIAL ACTION: <ul style="list-style-type: none"> - None 	

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
PAVEMENT DISTRESS		x	- Sites 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					
<p>COMMENTS</p> <p>In current 2009 site visit (SH 29a), it was reviewed that</p> <ol style="list-style-type: none"> 1) No new deterioration has drastically developed over year 2008/2009. (and since the call-out inspections). About 3m setback distance remained between top of bank and road edge. 2) AT operations (roadway maintenance) section will be responsible to deal with Driftpile IR (Reserve) management in any remediation matters required. A design conceptualization was provided earlier to AT for action by their AT Operations Section. 3) Site inspection should be continued. <p>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.</p> <p>END</p>					