

Rails to Trails

Routine Condition Culvert Inspection Form

Crossing	Structure #	Site #	Length (m)	UTM Zone and E	UTM N
ALLISON CREEK	KV-054	KV-054	60.0	10U 682390	5482481
Trail Name	Km		Dimension (m)	Culvert Material	Flumes (Y or N)
KVRT	109.2		2.9Hx3.1W	CONC	N
Inspection Co. Name	Inspector's Name /Signature			Inspection Date:	14-Sep-12
SNT Engineering Ltd.	J Cox			Next Inspection:	1-Jul-14

GENERAL INFORMATION:

LEFT/RIGHT APPROACHES (as seen facing downstream)

E = excellent; G = good; F = fair; P = poor; N/A = not appl.

Item	Present Condition (circle or fill-in)					Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E	G	F	P		
Bridge Ahead Signs Missing	0	1	2		N/A	
Brushing Required		Yes		No		
Approach Handrail/Guardrail	E	G	F	P	N/A	
Posted Load Rating (tonnes)					N/A	
Road Surface	E	G	F	P		

GENERAL CULVERT ITEMS

Baffles	E	G	F	P	N/A	
Bolted Connections	E	G	F	P	N/A	
Coupled Connections	E	G	F	P	N/A	
Coating	E	G	F	P	N/A	
Fill	E	G	F	P	N/A	
Roof	E	G	F	P	N/A	
Side Walls	E	G	F	P	N/A	
Floor	E	G	F	P	N/A	WORN AND EXPOSED STEEL
Head Walls	E	G	F	P	N/A	
Wing Walls	E	G	F	P	N/A	
Inlet	E	G	F	P	N/A	
Outlet	E	G	F	P	N/A	
Riprap	E	G	F	P	N/A	
Trash Rack	E	G	F	P	N/A	
Aprons or Other Inlet/Outlet Items	E	G	F	P	N/A	
Overall Condition	E	G	F	P	N/A	

FLUMES

Upstream Flume	E	G	F	P	N/A	
Downstream Flume	E	G	F	P	N/A	

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CHANNEL

Est. Present Water Level Depth (m)	Est. Present Water Level Width (m)	Est. High Water Level Clearance (m)
0.3	3.0	1.0

HAZARDS (indicate Y or N)

High Water?	Scour?	Ice?	Debris?	Aggradation?
N	N	N	N	N
Hazard Comments				

REPAIRS (H = High, M= Medium, L = Low)

#	Priority	Description	Estimate (\$)
1			
2			
3			

ITEMS TO MONITOR

#	Description
1	CULVERT FLOOR CONDITION AND STEEL REINFORCMENT EXPOSURE
2	
3	

General Comments				
P. Eng Inspection Required?	Y	N	Estimated Date of Replacement:	2050

PROFESSIONAL ENGINEER (PEng) CERTIFICATION

Current Load Rating GVW (tonnes):	5	New Load Rating GVW (tonnes)		Replacement Date 2050	
Reviewed by - P.Eng.	Les Thiessen		Date:	January 17, 2013	

Culvert Inspection Photos

Structure # : KV-054

Name of Crossing: ALLISON CREEK

Name of Trail: KVRT

Km: 109.2

Inspection Date: 9/14/2012

(Left and right as seen facing downstream)



TRAIL SURFACE



INLET



OUTLET



WORN FLOOR