

**Table 1. Comparisons between previous, newly adopted, and alternative BCWMC triggers and water quality standards for linear projects**

BCWMC Reviews of Linear Projects		2015-32 Douglas Drive	2016-03 2016 Northwood South Area Infrastructure	2016-04 Three Rivers Park District BC Regional Trail	2016-06 GV 2016 PMP STH 169- Plymouth Ave	2016-17 SWLRT	2016-32 CSAH 24 Reconstruction Project	2016-38 Northwood North Area Infrastructure	2017-02 GV 2017 PMP	
<b>BCWMC Project Review Data</b>	Project Disturbance (acres)	32.87	11.81	7.14	2.82	57.90	4.20	12.09	6.33	
	Existing Impervious (acres)	18.29	6.48	4.29	1.98	41.30	-	6.51	4.40	
	Proposed Impervious (acres)	20.55	6.54	4.18	1.81	42.40	-	6.53	3.78	
	Change in Impervious (acres)	2.26	0.06	(0.11)	(0.17)	1.10	-	0.02	(0.62)	
	New Impervious (acres)	2.26	-	-	-	1.10	-	0.02	-	
	Reconstructed Impervious (acres)	18.29	6.54	0.33	1.81	18.23	-	6.51	3.78	
	Total New and Reconstructed Impervious (acres)	20.55	6.60	0.22	1.64	19.33	-	6.53	3.16	
	*Capture and Retain Volume Provided (acre-feet)	0.31	0.01	-	-	0.33	N/A	0.02	-	
<b>Previous BCWMC Requirement (prior to 5/18/2017):</b>	Trigger MIDS at 1 acre of new/fully reconstructed impervious	MIDS Treatment: Capture & retain larger of 1.1 inches off the net increase in impervious – or – 0.55 inches off the new/fully reconstructed impervious (acre-feet)	0.94	0.30	-	0.08	0.89	-	0.30	0.14
<b>New BCWMC Requirement (adopted 5/18/2017):</b>	Trigger treatment at 1 acre of net new impervious	Capture & retain 1.1 inches off the net new impervious area (acre-feet), plus go through MIDS flexible treatment options for the net new impervious area if it's not possible to capture and retain 1.1 inches of runoff from these areas	0.21	-	-	-	0.10	-	-	-
<b>Alternative 1</b>	Trigger treatment at 0.5 acre of net new impervious	Capture & retain 1.1 inches off the net new impervious area (acre-feet), plus go through MIDS flexible treatment options for the net new impervious area if it's not possible to capture and retain 1.1 inches of runoff from these areas	0.21	-	-	-	0.10	-	-	-

\* Projects with site restrictions may not be required to "capture & retain" the water quality volume. These projects must follow MIDS FTOs.