

Sea-to-Sky District | 2020 Bridge Inspection Review and Load Rating

Issued: January 19, 2021
(Rev. 1)

Checked by: G. Dohm
Checked date: 19-Jan-21



Site #	Road Name	Project	Branch #	Station (km)	Creek Name	Old load rating (Tonnes)	New load rating (Tonnes)	Reviewing Engineer	Notes	RESPONSIBILITY (OPS or BCTS)
SQ-3001	STAWAMUS-INDIAN MAIN	4823	1	1.2	Stawamus River	54	54	Greg Dohm, PEng	Repairs to woods abutment was recommended	OPS
SQ-3243	BREW CREEK FSR	10490	1	5.1	Tributary to Brew Creek	0	Na	Greg Dohm, PEng	Road transfers to licensee. No longer an FSR. Archive structure.	OPS
SQ-3105	FURRY CREEK 02	8210	2	0	Phylis Creek #1	5	0	Greg Dohm, PEng	Close bridge until deck upgraded and holes in deck are repaired.	OPS
SQ-3162	ASHLU RIVER	9160	2	2.2	Ashlu Creek (A4)	91	91	Greg Dohm, PEng	Plan to replace bridge as town abutment is showing significant rot. Girders started to rust and delaminate. Can't reach crib to drill. Left side tie backs rotting and bottom log in water. It could easily wash away in a large rain event.	OPS
SQ-3145	ASHLU RIVER	9160	2	33.4	Squamish River	68	68	Greg Dohm, PEng	Replace rotting deck planks.	OPS
SQ-3239	BREW CREEK FSR	10490	1	2	Tributary to Brew Creek	68	NA	Greg Dohm, PEng	Road transfers to licensee. No longer an FSR. Archive structure.	OPS
SQ-3168	SLOQUET CREEK MAIN	6780	1	5.9	North Sloquet Creek	109	109	Greg Dohm, PEng	Curbs rails rotten and need replacing ASAP to keep bridge open	OPS
SQ-3169	FURRY CREEK 03	8210	3	0.5	No Name	20	5	Greg Dohm, PEng	Downrate bridge load rating to 5 tonnes due to type and condition of bridge deck. Deck has unconventional 2" thick planks over corroding steel transverse purlins. Needs proper timber tie deck. Load rating to be down rated. This a private bridge. Ministry will no longer inspect. Industry responsible for inspection in future.	OPS
SQ-3184	SQUAMISH RIVER	9160	1	3.4	Powerhouse	63	63	Greg Dohm, PEng	Ties may be getting old. Planks starting to lift. Plan to replace deck in relatively near future.	OPS
SQ-3144	SQUAMISH RIVER	9160	1	8.9	Chuck - Chuck	68	68	Greg Dohm, PEng	Subsequent to the inspection, the approach barriers on town end were damaged. Repair of approach barriers required.	OPS
SQ-3155	SQUAMISH RIVER	9160	1	20	Shovel Nose Creek	63	63	Greg Dohm, PEng	Consider downrating due to rails not being replaced as per last inspections. Replace all rail components prior to next industrial use as they are very rotten. .	OPS
SQ-3156	SQUAMISH RIVER	9160	1	20.8	Turbid Creek	136	136	Greg Dohm, PEng		OPS
SQ-3160	ASHLU RIVER	9160	2	0.5	Squamish River Side Channel	136	136	Greg Dohm, PEng		OPS
SQ-3247	ASHLU RIVER	9160	2	4.4	Trib to Ashlu	68	68	Greg Dohm, PEng	Old 2200 removed and replaced with twin 1200 cmcs. Remove from CBR and inspect with the road.	OPS
SQ-3192	BROHM CREEK	6527	2	1.4	Trib to Brohm Creek	68	68	Greg Dohm, PEng		OPS
SQ-3228	HURLEY 01	7973	1	4.2	Twenty Five Mile (Jim) Creek	63	63	Greg Dohm, PEng	Should remove from cbr as 2.4m c/c x 0.7m high. Inspect with road inspections.	OPS
SQ-3229	HURLEY 01	7973	1	4.7	Twenty Five Mile (Jim) Creek	68	68	Greg Dohm, PEng		OPS
SQ-3079	HURLEY 01	7973	1	10.1	Rail Road Creek	54	54	Greg Dohm, PEng		OPS
SQ-3059	IN-SHUCK-CH FSR	7343	1	10.5	Twin Two Creek	63	63	Greg Dohm, PEng		OPS
SQ-3089	IN-SHUCK-CH FSR	7343	1	20	Dragonfly	62	62	Greg Dohm, PEng		OPS
SQ-3223	LEVETTE LAKE 01	6425	1	3.1	Evans Creek	68	68	Greg Dohm, PEng		OPS
SQ-3048	LILLOOET RIVER 01	6123	1	34.5	Silva Creek	63	63	Greg Dohm, PEng	Remove structure as creek no longer flows here. .	OPS
SQ-3047	LILLOOET RIVER 01	6123	1	34.7	Silva Creek Overflow	68	68	Greg Dohm, PEng		OPS
SQ-3176	LILLOOET RIVER 01	6123	1	34.9	Alena Creek	68	68	Greg Dohm, PEng	Add approach barriers on all corners.	OPS
SQ-3232	LILLOOET SOUTH 01	7977	1	30	Trib to lillooet Lake	91	91	Greg Dohm, PEng	1200 cmp. Remove from cbr and to be inspected with road inspections.	OPS
SQ-3121	LILLOOET WEST 01	8407	1	49.7	Flood Creek	63	63	Greg Dohm, PEng	Brushing and curb replacement needed	OPS
SQ-3234	LILLOOET WEST 02	8407	2	57.4	Trib to Lillooet Lake	5	5	Greg Dohm, PEng		OPS
SQ-3205	SLOQUET CREEK MAIN	6780	1	12	Tributary to Sloquet	68	68	Greg Dohm, PEng	Curb Blocks ok but curb rails poor and need replacing ASAP for	BCTS
SQ-3220	SLOQUET CREEK MAIN	6780	1	12.1	Tributary to Sloquet	0	91	Greg Dohm, PEng	Bridge was re-installed	BCTS
SQ-3221	SLOQUET CREEK MAIN	6780	1	12.6	Tributary to Sloquet	136	136	Greg Dohm, PEng		OPS
SQ-3158	SQUAMISH RIVER	9160	1	4.2	High Falls Creek	91	91	Greg Dohm, PEng	Consider downrating as rails not replaced as per last inspection. Replace rotten guardrails.	OPS
SQ-3159	SQUAMISH RIVER	9160	1	25.1	Terminal Creek	91	91	Greg Dohm, PEng	Culvert recently replaced after Aug 20th washout from storm event. . Monitor after heavy rains for washout given amount of debris transported by this system. .	OPS
SQ-3167	FIRE 01	8879	1	10.7	Fire Creek Trib	0	0	Greg Dohm, PEng	Condemned bridge is closed.	OPS

SQ-3027	BIRKENHEAD MAIN	5733	1	15.7	Cerulean Creek	54	54	Greg Dohm, PEng	Road dead ends here. Should be deactivated and removed. Will be	OPS
SQ-3019	HAYLMORE CREEK MAIN	5694	1	1.8	Haylmore Creek	54	54	Greg Dohm, PEng	Replace all guardrail components. Consider downrating or closing bridge. Riprap below bridge both sides. Will need 1 stream work and small excavator to place riprap. Remove old crib logs as well. .	OPS
SQ-3063	IN-SHUCK-CH FSR	7343	1	34.6	Tenas Creek	63	63	Greg Dohm, PEng	WBC in channel collapsing just downstream of crossing. Both townside and woodside abutments appears to be founded on bedrock, however should be investigated with inspection and excavator at abutment to confirm bedrock.	OPS
SQ-3064	IN-SHUCK-CH FSR	7343	1	44.1	Rogers Creek	63	63	Greg Dohm, PEng		OPS
SQ-3085	LILLOOET SOUTH 01	7977	1	10.3	Trib to Lillooet River	41	41	Greg Dohm, PEng		OPS
SQ-3086	LILLOOET SOUTH 01	7977	1	23.9	Perkins Creek	63	63	Greg Dohm, PEng	Will need a full deck replacement in a few years likely. Monitor sills	OPS
SQ-3112	LILLOOET WEST 01	8407	1	6.8	Sloquet River	91	91	Greg Dohm, PEng		OPS
SQ-3117	LILLOOET WEST 01	8407	1	26.9	Eddy Creek	91	91	Greg Dohm, PEng	See repair notes for adding large rock to channel on downstream side	OPS
SQ-3118	LILLOOET WEST 01	8407	1	33.7	Snowcap Creek	91	91	Greg Dohm, PEng		OPS
SQ-3120	LILLOOET WEST 01	8407	1	45.9	Tuwatus Creek	63	63	Greg Dohm, PEng		OPS
SQ-3071	PORT DOUGLAS	7343	2	81.1	Old Courthouse Creek	68	68	Greg Dohm, PEng		OPS
SQ-3080	ROGERS 01	7976	1	6.9	Rogers Creek	91	91	Greg Dohm, PEng	Woodside curb block rotten and needs replacing. Curb rails bolts need tightening.	OPS
SQ-3018	RUTHERFORD 01	5673	1	15.7	Tributary to Rutherford Creek	63	63	Greg Dohm, PEng	Replace both side guardrails and all components prior to next industrial use.	OPS
SQ-3017	RUTHERFORD 01	5673	1	16.2	Rutherford Creek	136	136	Greg Dohm, PEng		OPS
SQ-3075	SOO RIVER 01	7910	1	3.3	Soo River	91	91	Greg Dohm, PEng		OPS
SQ-3143	SPRUCE 01	9034	1	0.1	Spruce Creek	150	150	Greg Dohm, PEng	Remove log bridge before it fully collapses and plugs the stream and blows out the portable with it. .	OPS
SQ-3126	WEDGE 01	8723	1	0.1	Green River	54	54	Greg Dohm, PEng	Side blocks and risers fully rotten. Need to replace ASAP prior to any industrial use.	OPS
SQ-3189		9302	1	3.8	Spetch Creek	68	68	Greg Dohm, PEng		OPS
SQ-3174	CHEAKAMUS/BLACKTUSK	3077	3	3.45	Tributary to Cheakamus	63	63	Greg Dohm, PEng		OPS
SQ-3212	CHEAKAMUS/BLACKTUSK	3077	3	8.3	Tributary to Cheakmus River	68	68	Greg Dohm, PEng	Gate closed. Not inspected.	OPS
SQ-3127	DAISY 01	9281	1	1	Cheakmus River	68	68	Greg Dohm, PEng	No posts approach barriers pushed into ditch to be reinstalled. Curb rails being replaced with HSS curb rails in 2021.	OPS
SQ-3183	FURRY CREEK 01	8210	1	0.3	Tributary to Furry Creek	68	68	Greg Dohm, PEng		OPS
SQ-3130	MAMQUAM 01	9283	1	3	Stawamus River	136	136	Greg Dohm, PEng	Inspect annually due to corroding bearing plates and girders. FLNRO to conduct close proximity inspection to determine extent of corrosion.	OPS
SQ-3134	MAMQUAM 01	9283	1	13.2	Mamquam River	136	136	Greg Dohm, PEng		OPS
SQ-3190	RING CREEK NORTH	6782	1	2.4	Tributary to Ring Creek	68	68	Greg Dohm, PEng		BCTS
SQ-3250	SWIFT CREEK 01	8202	1	0.01	Swift Creek	68	68	Greg Dohm, PEng		BCTS
SQ-3248	SQ_MAM1000	9283	6	0.4	Trib to Mamquam River	68	68	Greg Dohm, PEng	Sills at both abutments shimmed and not bearing along full length. Superstructure should be removed and sills recut level along sillbearing surfaces to achieve full bearing.	BCTS
SQ-3213	SQ_MAM1000	9283	6	2	Trib to Mamquam River	150	150	Greg Dohm, PEng	Sills at both abutments shimmed and not bearing along full length. Superstructure should be removed and sills recut level along sill bearing surfaces to achieve full bearing.	BCTS
SQ-3076		7910	2	8.2	Tributary to Soo	68	68	Greg Dohm, PEng		OPS
SQ-3015		7910	2	10.4	Soo River	150	150	Greg Dohm, PEng		OPS

