

Ministry of Forests Sea-to-Sky District 2022 Bridge Inspection Review and Load Rating						Checked by: G. Dohm Checked date: Nov. 8, 2022				
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-3011	RUTHERFORD 01	5763	1	6.5	Tributary to Rutherford Creek	136	136	Greg Dohm, PEng	Undermined footing for 1.2m long section on town end must be repaired prior to industrial use, with formed cast-in-place concrete to fill under footing. A 300mm deep x 200mm cut off trench may be constructed within the formed area outside of the footing and filled with concrete to mitigate future erosion potential. Attend to other noted repairs as well noted in this inspection as well.- post inspection was repaired	OPS
SQ-3012	RUTHERFORD 01	5763	1	8	Tributary to Rutherford Creek	136	136	Greg Dohm, PEng	Replace curb rails and brush approaches prior to industrial use as noted. - post inspection was repaired	OPS
SQ-3013	RUTHERFORD 01	5763	1	9.7	Tributary to Rutherford Creek	136	136	Greg Dohm, PEng		OPS
SQ-3018	RUTHERFORD 01	5763	1	9.7	Tributary to Rutherford Creek	136	136	Greg Dohm, PEng	Complete noted repairs including complete curb replacement prior to industrial use.- post inspection curbs were repaired	OPS
SQ-3074	CHANCE CREEK	7704	1	0.05	Cheakamus River	63	63	Greg Dohm, PEng	plan to do snooper truck inspection for 2024 inspection	OPS
SQ-3199	CHEAKAMUS/BLACKTUSK	3077	3	2.95	Trib to Cheakamus River	63	63	Greg Dohm, PEng		OPS
SQ-3173	CHEAKAMUS/BLACKTUSK	3077	3	3.3	Tributary to Cheakamus	62	63	Greg Dohm, PEng		OPS
SQ-3206	LEVETTE LAKE	6425	1	2.1	Evans Creek	63	63	Greg Dohm, PEng		OPS
SQ-3051	LEVETTE LAKE	6425	1	2.7	Evans Creek	63	63	Greg Dohm, PEng		OPS
SQ-3186	LEVETTE LAKE	6425	1	4.3	Unknown	63	63	Greg Dohm, PEng		OPS
SQ-3035	LILLOOET RIVER	6123	1	0.1	Salmon River	54	54	Greg Dohm, PEng	replace curbs	OPS
SQ-3219	MYSTERY CREEK	10480	1	2.3	Green River	68	68	Greg Dohm, PEng		BCTS
SQ-3078	RING CREEK NORTH	6782	1	5.2	Brandvold Creek	68	68	Greg Dohm, PEng		BCTS
SQ-3010	RUTHERFORD 01	5673	1	4.1	Trib to Rutherford	136	136	Greg Dohm, PEng		BCTS
SQ-3026	BIRKENHEAD MAIN	5733	1	9.2	Birkenhead River	68	68	Greg Dohm, PEng		OPS
SQ-3106	BLACKWATER CREEK	8354	1	0.1	Blackwater Creek	68	68	Greg Dohm, PEng		OPS
SQ-3108	BLACKWATER CREEK	8354	1	12	Phelix Creek	62	62	Greg Dohm, PEng		OPS
SQ-3057	IN-SHUCK-CH	7343	1	7.7	Catiline Creek	68	68	Greg Dohm, PEng		OPS
SQ-3058	IN-SHUCK-CH	7343	1	10	Twin One Creek	68	68	Greg Dohm, PEng		OPS
SQ-3061	IN-SHUCK-CH	7343	1	15.9	Lizzie Creek South	91	91	Greg Dohm, PEng		OPS
SQ-3224	IN-SHUCK-CH	7343	1	18.8	Unknown	136	136	Greg Dohm, PEng		OPS
SQ-3226	IN-SHUCK-CH	7343	1	26.5	Tributary to Lillooet Lake	136	136	Greg Dohm, PEng		OPS
SQ-3227	IN-SHUCK-CH	7343	1	27	Tributary to Lillooet Lake	136	136	Greg Dohm, PEng		OPS
SQ-3251	IN-SHUCK-CH	7343	1	54.1	Unknown	91	91	Greg Dohm, PEng	Add more scour protection along scoured section of footing. Possible protect using smaller rock wrapped in geogrid with mechanical clasps to close the geogrid. The idea of wrapped rock is that this material will remain as a mass and will adjust and settle into place if further scour occurs.	OPS
SQ-0000	IN-SHUCK-CH	7343	1	54.05	Unknown			Greg Dohm, PEng	No SQ-XXX siteID or data on this arch culvert site. Arch culvert needs foundation work and potential downstream weir added to control bedload movement. Likely manual intervention is needed to protect the footing or the structure could fail. Approx. 50m from SQ-3251	OPS
SQ-3065	IN-SHUCK-CH	7343	1	54.3	Gowan Creek	136	136	Greg Dohm, PEng		OPS

SQ-3068	JN-SHUCK-CH	7343	1	61	Frank Creek	91	91	Greg Dohm, PEng		OPS
SQ-3069	JN-SHUCK-CH	7343	1	65	12 Mile Creek	63	63	Greg Dohm, PEng		OPS
SQ-3070	KAKILA CREEK	8407	2	0.4	Lower Lillooet River	91	91	Greg Dohm, PEng		OPS
SQ-3113	LILLOOET WEST	8407	1	10.5	Fire Creek	91	91	Greg Dohm, PEng		OPS
SQ-3114	LILLOOET WEST	8407	1	17.2	Spring Creek (11 mile)	91	91	Greg Dohm, PEng		OPS
SQ-3115	LILLOOET WEST	8407	1	20.4	Beverley Creek	91	91	Greg Dohm, PEng		OPS
SQ-3122	LILLOOET WEST	8407	1	34	Billy Goat Creek	136	136	Greg Dohm, PEng		OPS
SQ-3197	LILLOOET WEST	8407	1	58.7	Unknown	136	136	Greg Dohm, PEng		OPS
SQ-3033	LILLOOET WEST	8407	1	70.2	Unknown	136	136	Greg Dohm, PEng		OPS
SQ-3235	LILLOOET WEST	8407	1	70.4	Trib to lillooet lake	136	136	Greg Dohm, PEng		OPS
SQ-3202	LILLOOET WEST	8407	1	71.6	8 Mile Creek	136	136	Greg Dohm, PEng		OPS
SQ-3034	LILLOOET WEST	8407	1	74	Unknown	136	136	Greg Dohm, PEng		OPS
SQ-3178	MILLER BENCH	9717	1	1.9	Trib to Ryan River	68	68	Greg Dohm, PEng		OPS
SQ-3179	MILLER BENCH	9717	1	2.5	Trib to Ryan River	63	63	Greg Dohm, PEng		OPS
SQ-3180	MILLER BENCH	9717	1	2.6	Trib to Ryan River	63	63	Greg Dohm, PEng		OPS
SQ-3148	BRITANNIA CREEK	8321	1	2.3	Daisy #1	68	68	Greg Dohm, PEng		OPS
SQ-3149	BRITANNIA CREEK	8321	1	2.5	Trib to Daisy Creek	68	68	Greg Dohm, PEng		OPS
SQ-3150	BRITANNIA CREEK	8321	1	2.8	Thistle Creek	136	136	Greg Dohm, PEng		OPS
SQ-3151	BRITANNIA CREEK	8321	1	2.9	Trib to Thistle Creek	136	136	Greg Dohm, PEng		OPS
SQ-3152	BRITANNIA CREEK	8321	1	4.5	Mineral Creek	136	136	Greg Dohm, PEng		OPS
SQ-3153	BRITANNIA CREEK	8321	1	6.6	Brittannia Creek	91	91	Greg Dohm, PEng		OPS
SQ-3175	CHEAKAMUS/BLACKTUSK	3077	3	3.5	Tributary to Cheakamus	62	62	Greg Dohm, PEng		OPS
SQ-3104	FURRY CREEK 03	8210	3	0.1	Phyllis Creek	68	68	Greg Dohm, PEng	Replace curb rails and risers	OPS
SQ-3233	GREEN RIVER	7979	1	16.5	Ure Creek	63	63	Greg Dohm, PEng		OPS
SQ-3107	HIXON	4823	5	0.8	Hixon Creek	63	63	Greg Dohm, PEng		OPS
SQ-3185	HIXON	4823	5	6.9	Belknap Creek	109	109	Greg Dohm, PEng		OPS
SQ-3132	MAMQUAM	9283	1	8.4	Raffuse Creek	68	68	Greg Dohm, PEng		OPS
SQ-3133	MAMQUAM	9283	1	12.5	Trib to Mamquam	150	150	Greg Dohm, PEng		OPS
SQ-3131	MAMQUAM	9283	1	14.2	Skookum Creek	150	150	Greg Dohm, PEng		OPS
SQ-3103	PHYLIS CREEK	8210	2	0.6	Phyllis #3	68	68	Greg Dohm, PEng	Replace curb rails and risers	OPS
SQ-3002	STAWAMUS-INDIAN MAIN	4823	1	3.6	Stawamus River	68		Greg Dohm, PEng		OPS
SQ-3005	STAWAMUS-INDIAN MAIN	4823	1	28.1	Forestry Creek	108	108	Greg Dohm, PEng		OPS
SQ-3006	STAWAMUS-INDIAN MAIN	4823	1	28.2	Forestry	108	108	Greg Dohm, PEng		OPS
SQ-3007	STAWAMUS-INDIAN MAIN	4823	1	29.6	Indian River	108	108	Greg Dohm, PEng		OPS
SQ-3008	STAWAMUS-INDIAN MAIN	4823	1	29.7	Indian River	109	109	Greg Dohm, PEng		OPS
SQ-3009	STAWAMUS-INDIAN MAIN	4823	1	34.4	Tributary to Indian River	62	62	Greg Dohm, PEng		OPS
SQ-3174	CHEAKAMUS/BLACKTUSK	3077	3	3.45	Tributary to Cheakamus	62	62	Greg Dohm, PEng		OPS
SQ-3212	CHEAKAMUS/BLACKTUSK	3077	3	8.3	Tributary to Cheakmus River	68	68	Greg Dohm, PEng		OPS
SQ-3250	SW1100	8202	6	0.01	Swift Creek	68	63	Greg Dohm, PEng	Downrate to BCL625 or 63 tonnes	BCTS
SQ-3027	BIRKENHEAD MAIN	5733	1	15.7	Cerulean Creek	54	54	Greg Dohm, PEng		OPS
SQ-3076	SOO RIVER SOUTH	7910	2	8.2	Tributary to Soo	68	63	Greg Dohm, PEng	Downrate to BCL625 or 63 tonnes	OPS
SQ-3015	SOO RIVER SOUTH	7910	2	10.4	Soo River	150	150	Greg Dohm, PEng		OPS

SQ-3189	SPETCH CREEK	9302	1	3.8	Spetch Creek	68	68	Greg Dohm, PEng		OPS
SQ-3228	HURLEY	7973	1	4.2	Twenty Five Mile (Jim) Creek	63	63	Greg Dohm, PEng	Replace WBC with 1800 dia. CSP culvert. Install with 3m x 3m x 1m deep inlet sump, with riprap protection at both inlet and outlet slopes, minimum 500 cover.	OPS
SQ-3079	HURLEY	7973	1	10.1	Rail Road Creek	54	54	Greg Dohm, PEng		OPS
SQ-3048	LILLOOET RIVER	6123	1	34.5	Silva Creek	63	63	Greg Dohm, PEng	remove log stringer bridge completely and fill with road gravels, as stream bed no longer has any flows due to upstream meandering.	OPS
SQ-3085	LILLOOET SOUTH	7977	1	10.3	Trib to Lillooet River	41	63	Greg Dohm, PEng	Attend to substructure repairs	OPS
SQ-3086	LILLOOET SOUTH	7977	1	23.9	Perkins Creek	63	41	Greg Dohm, PEng	Downrate load rating to L45 or 41 tonnes due to deteriorating timber deck. Replace full deck components and ideally replace crushing timber sills with treated or cedar timber sills for continued industrial use.	OPS
SQ-3220	SLOQUET CREEK MAIN	6780	1	12.1	Tributary to Sloquet	91	91	Greg Dohm, PEng		BCTS
SQ-3221	SLOQUET CREEK MAIN	6780	1	12.6	Tributary to Sloquet	136	136	Greg Dohm, PEng		OPS
SQ-3162	ASHLU RIVER	9160	2	2.2	Ashlu Creek (A4)	91	63	Greg Dohm, PEng	Reduce load rating to BCL625. Plan to replace bridge within 3 years. Both abutments are in significantly degraded and corroding steel cap on woods side is nearing limit for replacement.	OPS
SQ-3169	FURRY CREEK 03	8210	3	0.5	No Name	5	0	Greg Dohm, PEng	This not on FSR. However, does not meet Ministry deck requirements for twin railcar bridge. Remove from CBR. RUP holder to inspect and maintain.	OPS
SQ-3184	SQUAMISH RIVER	9160	1	3.4	Powerhouse	62	62	Greg Dohm, PEng	Parital curb/deck repair was done during summer of 2022, with plan to replace entire deck next year by road maintainer	OPS
SQ-3144	SQUAMISH RIVER	9160	1	8.9	Chuck - Chuck	68	68	Greg Dohm, PEng		OPS
SQ-3155	SQUAMISH RIVER	9160	1	20	Shovel Nose Creek	63	63	Greg Dohm, PEng		OPS
SQ-3156	SQUAMISH RIVER	9160	1	20.8	Turbid Creek	136	136	Greg Dohm, PEng	Replace missing planks immediately to maintain current load rating and tighten up curb bolts. Plan to replace deck in near future.	OPS
SQ-3248	SQ_MAM1000	9283	6	0.4	Trib to Mamquam River	68	68	Greg Dohm, PEng		BCTS
SQ-3213	SQ_MAM1000	9283	6	2	Trib to Mamquam River	150	150	Greg Dohm, PEng		BCTS
SQ-3055	BROHM CREEK	6527	2	3.3	Brohm Creek Trib.	68	68	Greg Dohm, PEng		BCTS
SQ-3019	HAYLMORE CREEK MAIN	5694	1	1.8	Haylmore Creek	54	0	Greg Dohm, PEng	Close bridge to public until curb rails repaired or replaced.	OPS
SQ-3165	KAKILA CREEK	8407	2	60.4	Kakila South Creek	62	62	Greg Dohm, PEng	structure footings are beginning to undermine outside of roadway. Further erosion to under roadway will result in closing of crossing. Plan to replace structure and adjacent wood box culvert.	OPS
SQ-3130	MAMQUAM	9283	1	3	Stawamus River	136	136	Greg Dohm, PEng	corrosion removal and coating plan is ready for implementation by District.	OPS
SQ-3105	PHYLIS CREEK	8210	2	0	Phylis Creek #1	0	41	Greg Dohm, PEng	visually inspect substructure after significant storm events	OPS
SQ-3157	SQUAMISH RIVER	9160	1	21.1	Mud Creek	150	150	Greg Dohm, PEng		OPS
SQ-3223	LEVETTE LAKE	6425	1	3.1	Evans Creek	68	68	Greg Dohm, PEng		OPS


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