

Appendix 10-C

Projected Annual, Monthly, and Daily
Flow Data

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Table 10-C.1: Projected Mean Annual Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020	1.73	1.71	1.71	0.83	0.81	0.81	0.17	0.15	0.15	0.96	0.95	0.95	0.77	0.76	0.76	0.23	0.22	0.22	41.62	41.58	39.36	54.78	54.75	52.35	277.40	277.37	261.12
2021	2.25	2.21	2.51	1.08	1.04	1.18	0.22	0.17	0.20	1.26	1.25	1.42	1.00	1.00	1.13	0.30	0.29	0.33	42.30	42.25	39.67	55.56	55.50	52.67	280.37	280.32	261.87
2022	1.65	1.60	1.77	0.79	0.75	0.83	0.16	0.12	0.13	0.92	0.91	1.01	0.73	0.73	0.80	0.22	0.21	0.24	41.64	41.58	39.09	54.72	54.66	51.95	274.89	274.83	257.06
2023	1.97	1.92	2.13	0.95	0.90	1.00	0.19	0.14	0.16	1.10	1.10	1.21	0.88	0.87	0.97	0.26	0.26	0.28	43.09	43.02	40.53	56.53	56.46	53.73	284.29	284.23	266.22
2024	2.08	2.01	2.20	1.00	0.93	1.02	0.20	0.13	0.15	1.16	1.15	1.26	0.92	0.92	1.00	0.27	0.27	0.30	41.59	41.51	39.59	54.83	54.76	52.71	276.03	275.95	261.32
2025	2.36	2.32	2.55	1.13	1.09	1.20	0.23	0.18	0.21	1.32	1.29	1.42	1.05	1.03	1.13	0.31	0.29	0.32	41.48	41.40	39.39	54.66	54.58	52.44	274.86	274.78	259.32
2026	2.29	2.25	2.49	1.10	1.06	1.17	0.22	0.18	0.19	1.28	1.25	1.40	1.02	1.00	1.11	0.30	0.28	0.31	42.29	42.21	39.65	55.52	55.44	52.67	280.52	280.43	262.23
2027	1.82	1.78	1.83	0.87	0.84	0.86	0.17	0.14	0.14	1.02	1.00	1.02	0.81	0.79	0.81	0.24	0.22	0.23	42.34	42.25	39.75	55.60	55.51	52.83	280.56	280.47	262.56
2028	2.06	1.99	2.14	0.99	0.92	0.99	0.20	0.13	0.15	1.15	1.13	1.21	0.91	0.90	0.96	0.27	0.25	0.27	43.00	42.90	40.56	56.42	56.31	53.80	283.69	283.59	266.84
2029	1.61	1.56	1.71	0.77	0.72	0.80	0.15	0.11	0.12	0.90	0.88	0.96	0.71	0.70	0.76	0.21	0.20	0.22	43.02	42.91	40.42	56.44	56.34	53.65	283.72	283.61	265.67
2030	2.76	2.67	2.72	1.32	1.24	1.26	0.26	0.18	0.17	1.54	1.51	1.54	1.22	1.20	1.22	0.36	0.34	0.35	41.67	41.56	39.54	54.94	54.83	52.72	276.61	276.50	261.05
2031	2.26	2.19	2.43	1.08	1.01	1.13	0.22	0.15	0.16	1.26	1.24	1.38	1.00	0.98	1.09	0.30	0.28	0.31	41.48	41.37	39.36	54.66	54.55	52.47	274.86	274.75	259.45
2032	2.48	2.41	2.60	1.19	1.12	1.21	0.24	0.17	0.18	1.39	1.36	1.47	1.10	1.08	1.17	0.33	0.31	0.33	42.22	42.11	39.82	55.47	55.36	52.98	279.87	279.76	263.63
2033	2.09	2.03	2.18	1.00	0.94	1.01	0.20	0.14	0.15	1.17	1.15	1.23	0.93	0.91	0.98	0.28	0.26	0.28	41.65	41.53	39.17	54.72	54.61	52.17	274.89	274.77	257.99
2034	3.21	3.10	3.43	1.54	1.43	1.58	0.31	0.20	0.22	1.79	1.76	1.95	1.43	1.40	1.54	0.42	0.40	0.44	43.09	42.97	40.57	56.53	56.42	53.90	284.29	284.18	266.87
2035	1.98	1.91	2.17	0.95	0.88	1.01	0.19	0.12	0.14	1.10	1.08	1.23	0.88	0.86	0.98	0.26	0.24	0.28	43.03	42.92	40.53	56.44	56.33	53.85	283.72	283.61	266.43
2036	1.72	1.67	1.78	0.83	0.77	0.82	0.16	0.11	0.12	0.96	0.95	1.01	0.76	0.76	0.81	0.23	0.22	0.23	41.39	41.30	39.55	54.55	54.45	52.74	274.28	274.19	260.85
2037	3.17	3.08	3.48	1.52	1.43	1.61	0.30	0.21	0.23	1.77	1.76	2.00	1.41	1.40	1.59	0.42	0.41	0.47	42.29	42.20	39.83	55.52	55.43	53.00	280.52	280.42	263.58
2038	2.68	2.60	3.02	1.29	1.20	1.40	0.26	0.17	0.20	1.50	1.49	1.73	1.19	1.19	1.38	0.35	0.35	0.41	42.34	42.24	39.94	55.60	55.50	53.19	280.56	280.46	264.01
2039	1.93	1.87	1.91	0.93	0.87	0.88	0.19	0.12	0.12	1.08	1.07	1.10	0.86	0.85	0.87	0.25	0.25	0.26	41.65	41.55	39.32	54.72	54.63	52.41	274.89	274.79	258.90
2040	2.69	2.60	2.64	1.29	1.20	1.22	0.26	0.17	0.17	1.50	1.49	1.52	1.19	1.19	1.21	0.35	0.35	0.36	42.97	42.87	40.74	56.36	56.26	54.13	283.24	283.15	267.96
2041	2.17	2.10	2.27	1.04	0.97	1.06	0.21	0.14	0.16	1.21	1.21	1.30	0.96	0.96	1.03	0.29	0.28	0.30	41.68	41.59	39.78	54.94	54.85	53.11	276.61	276.51	262.48
2042	2.07	2.00	2.26	0.99	0.92	1.05	0.20	0.13	0.15	1.15	1.15	1.30	0.92	0.91	1.03	0.27	0.27	0.30	41.48	41.38	39.56	54.66	54.56	52.82	274.86	274.76	260.66
2043	1.92	1.86	1.89	0.92	0.86	0.87	0.18	0.12	0.12	1.07	1.07	1.08	0.85	0.85	0.86	0.25	0.25	0.25	42.29	42.20	39.89	55.52	55.43	53.14	280.52	280.42	264.15
2044	1.87	1.82	1.91	0.90	0.84	0.88	0.18	0.12	0.13	1.05	1.04	1.09	0.83	0.83	0.87	0.25	0.24	0.26	41.56	41.47	39.51	54.61	54.52	52.68	274.31	274.22	260.56
2045	1.76	1.70	1.79	0.84	0.79	0.83	0.17	0.11	0.12	0.98	0.98	1.03	0.78	0.78	0.82	0.23	0.23	0.24	43.09	42.99	40.74	56.53	56.43	54.21	284.29	284.20	267.98
2046	2.14	2.08	2.35	1.03	0.97	1.09	0.21	0.14	0.15	1.20	1.19	1.35	0.95	0.95	1.08	0.28	0.28	0.32	43.03	42.93	40.65	56.44	56.35	54.10	283.72	283.62	267.26
2047	2.89	2.80	3.11	1.39	1.29	1.43	0.28	0.18	0.20	1.61	1.61	1.79	1.28	1.28	1.43	0.38	0.38	0.42	41.65	41.56	39.77	54.94	54.85	53.19	276.61	276.51	262.69
2048	2.43	2.34	2.42	1.16	1.08	1.12	0.23	0.15	0.15	1.35	1.35	1.39	1.08	1.07	1.11	0.32	0.32	0.33	41.74	41.64	39.74	54.94	54.84	53.10	277.56	277.46	263.44
2049	2.19	2.11	2.31	1.05	0.97	1.07	0.21	0.13	0.15	1.22	1.21	1.33	0.97	0.97	1.06	0.29	0.28	0.31	42.25	42.15	40.03	55.56	55.46	53.49	280.37	280.28	265.17
2050	2.03	1.96	2.39	0.97	0.90	1.10	0.19	0.13	0.15	1.13	1.13	1.37	0.90	0.90	1.09	0.27	0.26	0.32	41.58	41.48	39.38	54.72	54.62	52.68	274.89	274.79	259.94
2051	2.01	1.93	2.21	0.96	0.89	1.02	0.19	0.12	0.14	1.12	1.11	1.27	0.89	0.89	1.01	0.26	0.26	0.30	43.02	42.92	40.50	56.53	56.43	54.08	284.29	284.20	267.09
2052	1.96	1.89	2.37	0.94	0.88	1.10	0.19	0.12	0.16	1.09	1.09	1.36	0.87	0.86	1.08	0.26	0.25	0.32	41.51	41.41	39.54	54.83	54.74	53.02	276.03	275.93	261.99
2053	1.71	1.66	1.80	0.82	0.77	0.83	0.16	0.11	0.11	0.95	0.95	1.03	0.76	0.75	0.82	0.23	0.22	0.24	41.39	41.29	39.19	54.66	54.56	52.58	274.86	274.76	258.85

Table 10-C.2: Projected Mean Annual Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020	376.1	372.8	371.7	376.1	369.1	368.0	376.1	341.1	339.6	376.1	372.2	371.1	376.1	371.6	370.6	376.1	47.8	47.6	467.6	467.2	442.2	491.0	490.7	469.1	375.6	375.5	353.5
2021	490.6	481.2	546.0	490.6	470.9	535.3	490.6	392.1	453.0	490.6	488.7	553.8	490.6	488.8	554.0	490.6	64.2	72.8	475.2	474.6	445.6	497.9	497.4	472.0	379.6	379.5	354.6
2022	358.2	348.9	386.0	358.2	338.9	375.7	358.2	261.5	296.4	358.2	356.2	393.4	358.2	356.1	393.3	358.2	46.5	51.4	467.8	467.1	439.1	490.4	489.9	465.6	372.2	372.1	348.0
2023	429.4	418.4	464.5	429.4	406.4	452.1	429.4	314.1	356.4	429.4	427.3	473.7	429.4	427.2	473.7	429.4	55.9	62.0	484.1	483.3	455.4	506.6	506.1	481.6	384.9	384.8	360.4
2024	452.7	438.4	478.8	452.7	423.0	462.7	452.7	304.0	338.8	452.7	450.3	491.4	452.7	450.2	491.4	452.7	58.8	64.3	467.3	466.4	444.8	491.4	490.7	472.4	373.7	373.6	353.8
2025	514.1	504.1	554.1	514.1	493.2	544.4	514.1	409.5	469.3	514.1	505.1	553.3	514.1	503.3	551.4	514.1	63.3	69.3	466.0	465.1	442.5	489.9	489.2	470.0	372.1	372.0	351.1
2026	497.9	488.6	542.5	497.9	478.5	529.4	497.9	400.8	428.2	497.9	489.2	544.9	497.9	487.6	543.0	497.9	61.3	68.3	475.1	474.2	445.4	497.6	496.9	472.0	379.8	379.7	355.0
2027	396.2	388.1	397.8	396.2	379.3	388.0	396.2	311.8	313.2	396.2	389.2	399.5	396.2	387.9	398.2	396.2	48.8	50.1	475.7	474.7	446.5	498.3	497.5	473.5	379.9	379.7	355.5
2028	448.0	433.7	464.9	448.0	418.1	449.9	448.0	298.2	334.9	448.0	440.1	470.2	448.0	438.6	468.6	448.0	55.1	58.9	483.1	481.9	455.6	505.6	504.7	482.2	384.1	384.0	361.3
2029	349.8	339.6	371.9	349.8	328.4	361.0	349.8	242.8	277.3	349.8	343.7	375.2	349.8	342.5	373.9	349.8	43.1	47.0	483.2	482.1	454.1	505.9	504.9	480.8	384.1	384.0	359.7
2030	600.1	580.9	591.8	600.1	560.0	569.2	600.1	399.4	394.6	600.1	589.7	602.0	600.1	587.6	599.9	600.1	73.9	75.4	468.2	466.9	444.2	492.4	491.5	472.5	374.5	374.4	353.5
2031	490.9	475.5	529.0	490.9	458.9	510.5	490.9	331.0	367.9	490.9	482.2	536.5	490.9	480.6	534.7	490.9	60.4	67.2	466.0	464.7	442.2	489.9	488.9	470.3	372.1	372.0	351.3
2032	540.4	524.9	566.5	540.4	508.1	547.9	540.4	378.3	404.2	540.4	531.0	573.9	540.4	529.2	572.0	540.4	66.5	72.1	474.3	473.1	447.3	497.1	496.1	474.8	378.9	378.8	356.9
2033	455.1	441.7	474.9	455.1	427.3	458.7	455.1	315.6	334.4	455.1	447.1	481.2	455.1	445.6	479.5	455.1	56.0	60.3	467.9	466.6	440.1	490.4	489.4	467.6	372.2	372.0	349.3
2034	699.2	675.7	745.9	699.2	650.3	717.6	699.2	454.2	499.6	699.2	687.0	759.4	699.2	684.7	757.0	699.2	86.1	95.5	484.0	482.8	455.8	506.6	505.6	483.1	384.9	384.8	361.3
2035	430.2	416.1	473.3	430.2	400.9	455.9	430.2	283.5	322.0	430.2	422.6	481.6	430.2	421.2	480.1	430.2	52.9	60.7	483.4	482.1	455.3	505.9	504.9	482.6	384.1	384.0	360.7
2036	374.2	362.5	386.5	374.2	349.8	373.2	374.2	252.1	271.0	374.2	370.9	395.3	374.2	370.5	394.9	374.2	47.9	51.1	465.0	463.9	444.3	488.9	488.0	472.7	371.4	371.2	353.2
2037	690.0	670.1	757.6	690.0	648.4	729.4	690.0	481.7	511.9	690.0	687.5	780.9	690.0	687.6	781.0	690.0	90.3	102.5	475.1	474.1	447.4	497.6	496.8	475.0	379.8	379.7	356.9
2038	583.4	564.9	656.6	583.4	544.9	633.9	583.4	390.5	459.3	583.4	580.8	674.8	583.4	580.8	674.8	583.4	76.1	88.5	475.6	474.6	448.8	498.3	497.5	476.7	379.9	379.7	357.5
2039	420.3	406.9	416.0	420.3	392.4	400.2	420.3	280.5	277.7	420.3	418.2	428.5	420.3	418.2	428.4	420.3	54.7	56.0	467.9	466.8	441.8	490.4	489.6	469.7	372.2	372.1	350.5
2040	585.3	565.9	574.6	585.3	544.9	552.9	585.3	382.8	385.6	585.3	582.8	592.1	585.3	582.8	592.2	585.3	76.4	77.6	482.7	481.6	457.7	505.1	504.3	485.2	383.5	383.4	362.8
2041	472.8	457.9	494.2	472.8	441.8	478.7	472.8	317.7	359.4	472.8	470.7	506.1	472.8	470.6	506.1	472.8	61.6	66.3	468.3	467.2	446.9	492.4	491.6	476.0	374.5	374.4	355.4
2042	450.2	434.3	492.0	450.2	417.1	474.2	450.2	284.7	337.0	450.2	447.9	506.3	450.2	447.8	506.3	450.2	58.6	66.4	466.0	464.9	444.5	489.9	489.0	473.4	372.1	372.0	352.9
2043	418.9	405.4	410.3	418.9	390.7	395.4	418.9	277.9	280.6	418.9	416.7	421.3	418.9	416.6	421.1	418.9	54.5	54.8	475.1	474.0	448.1	497.6	496.8	476.2	379.8	379.7	357.6
2044	408.1	395.0	415.3	408.1	380.9	400.8	408.1	272.2	289.0	408.1	405.9	426.5	408.1	405.9	426.4	408.1	53.1	55.7	466.9	465.8	443.9	489.5	488.6	472.2	371.4	371.3	352.8
2045	382.7	370.6	390.4	382.7	357.5	375.9	382.7	256.7	263.8	382.7	380.5	401.6	382.7	380.4	401.5	382.7	49.7	52.4	484.1	483.0	457.6	506.6	505.8	485.9	384.9	384.8	362.8
2046	466.8	453.0	511.9	466.8	438.1	492.1	466.8	323.3	339.0	466.8	464.6	527.8	466.8	464.6	527.8	466.8	60.8	69.1	483.4	482.3	456.7	505.9	505.0	484.9	384.1	384.0	361.9
2047	628.7	608.7	676.8	628.7	587.0	649.9	628.7	420.0	443.0	628.7	626.2	698.8	628.7	626.3	698.9	628.7	82.2	91.7	467.9	466.8	446.8	492.4	491.6	476.7	374.5	374.4	355.7
2048	528.0	509.1	526.7	528.0	488.7	506.2	528.0	331.0	347.8	528.0	525.6	543.2	528.0	525.6	543.2	528.0	68.8	71.1	468.9	467.8	446.4	492.4	491.5	475.9	375.8	375.7	356.7
2049	475.6	459.0	503.2	475.6	441.0	485.1	475.6	302.2	345.7	475.6	473.3	517.5	475.6	473.2	517.5	475.6	61.9	67.8	474.7	473.6	449.7	497.9	497.1	479.4	379.6	379.5	359.0
2050	441.1	426.2	519.6	441.1	410.0	499.8	441.1	285.3	347.3	441.1	438.9	535.4	441.1	438.8	535.3	441.1	57.4	70.1	467.1	466.0	442.4	490.4	489.6	472.1	372.2	372.1	352.0
2051	436.5	419.8	481.1	436.5	401.6	462.5	436.5	261.9	319.3	436.5	434.2	495.8	436.5	434.2	495.8	436.5	56.8	64.9	483.3	482.2	455.0	506.6	505.8	484.6	384.9	384.8	361.6
2052	426.1	412.0	515.7	426.1	396.8	497.1	426.1	279.4	353.6	426.1	423.9	530.4	426.1	423.9	530.4	426.1	55.4	69.4	466.3	465.2	444.2	491.4	490.6	475.2	373.7	373.6	354.7
2053	371.9	360.5	390.8	371.9	348.1	375.7	371.9	252.6	259.1	371.9	369.8	402.5	371.9	369.7	402.3	371.9	48.3	52.5	465.0	463.9	440.3	489.9	489.0	471.2	372.1	372.0	350.5

Table 10-C.3: Projected Mean Monthly Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ERT)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020	Jan	2.60	2.54	2.54	1.25	1.19	1.19	0.25	0.19	0.19	1.45	1.42	1.42	1.15	1.13	1.13	0.34	0.32	0.32	14.44	14.35	14.36	20.48	20.39	20.41	77.47	77.37	77.47
2020	Feb	0.90	0.89	0.89	0.43	0.42	0.42	0.09	0.07	0.07	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	10.62	10.60	10.64	16.03	16.01	16.07	67.52	67.50	67.76
2020	Mar	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.18	13.15	17.87	19.15	19.13	26.09	77.64	77.61	106.51
2020	Apr	1.52	1.52	2.75	0.73	0.73	1.31	0.15	0.15	0.26	0.85	0.84	1.53	0.67	0.67	1.22	0.20	0.20	0.36	26.35	26.34	59.30	36.87	36.86	83.33	157.21	157.20	358.11
2020	May	1.33	1.32	1.59	0.64	0.63	0.76	0.13	0.12	0.14	0.74	0.73	0.89	0.59	0.58	0.70	0.18	0.17	0.20	87.27	87.23	64.88	111.95	111.92	82.94	541.47	541.43	397.26
2020	Jun	2.51	2.50	2.11	1.21	1.19	1.00	0.24	0.23	0.19	1.40	1.39	1.17	1.12	1.11	0.93	0.33	0.32	0.27	135.42	135.36	104.96	168.47	168.41	130.55	867.41	867.35	671.67
2020	Jul	1.14	1.13	1.05	0.55	0.54	0.50	0.11	0.10	0.09	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	89.78	89.75	84.84	114.69	114.66	108.39	658.09	658.06	622.06
2020	Aug	1.60	1.59	1.49	0.77	0.76	0.71	0.15	0.14	0.13	0.89	0.89	0.83	0.71	0.70	0.66	0.21	0.20	0.19	41.27	41.24	38.30	55.41	55.38	51.43	321.83	321.80	298.82
2020	Sep	3.47	3.45	3.26	1.66	1.65	1.56	0.33	0.31	0.30	1.93	1.92	1.82	1.54	1.53	1.45	0.46	0.45	0.43	26.61	26.56	24.45	36.20	36.15	33.29	186.23	186.19	171.42
2020	Oct	2.10	2.09	1.61	1.01	1.00	0.77	0.20	0.19	0.14	1.17	1.16	0.90	0.93	0.93	0.71	0.28	0.27	0.21	20.57	20.54	19.56	28.92	28.90	27.52	146.19	146.16	139.21
2020	Nov	1.91	1.89	1.60	0.92	0.90	0.76	0.18	0.16	0.14	1.07	1.06	0.89	0.85	0.84	0.71	0.25	0.24	0.21	18.16	18.14	17.87	26.23	26.21	25.82	125.54	125.52	123.68
2020	Dec	0.88	0.87	0.85	0.42	0.41	0.40	0.08	0.07	0.07	0.49	0.49	0.47	0.39	0.39	0.38	0.12	0.11	0.11	15.06	15.04	15.04	22.03	22.01	22.02	96.00	95.98	95.99
2021	Jan	0.95	0.91	0.98	0.46	0.42	0.45	0.09	0.06	0.06	0.53	0.53	0.57	0.42	0.43	0.46	0.12	0.13	0.14	11.60	11.57	11.58	17.51	17.48	17.51	73.82	73.79	73.89
2021	Feb	1.61	1.57	1.97	0.77	0.73	0.93	0.15	0.12	0.16	0.90	0.90	1.12	0.72	0.71	0.89	0.21	0.21	0.26	10.53	10.49	10.48	15.92	15.88	15.86	67.56	67.52	67.43
2021	Mar	2.59	2.54	3.97	1.24	1.20	1.88	0.25	0.20	0.33	1.44	1.44	2.25	1.15	1.15	1.79	0.34	0.34	0.54	12.68	12.63	18.55	18.63	18.58	27.28	75.40	75.34	110.56
2021	Apr	4.29	4.24	8.17	2.06	2.01	3.88	0.41	0.36	0.71	2.39	2.40	4.60	1.90	1.91	3.66	0.56	0.57	1.09	22.19	22.15	51.43	31.51	31.46	73.04	126.77	126.73	294.08
2021	May	5.10	5.04	4.21	2.45	2.39	1.99	0.49	0.43	0.35	2.85	2.84	2.37	2.27	2.26	1.89	0.67	0.67	0.56	71.52	71.44	50.94	92.85	92.77	66.15	431.75	431.67	307.85
2021	Jun	2.11	2.07	1.25	1.01	0.97	0.58	0.20	0.16	0.09	1.18	1.17	0.71	0.94	0.93	0.57	0.28	0.27	0.16	135.34	135.24	104.45	167.70	167.60	129.44	843.51	843.41	651.37
2021	Jul	1.82	1.78	1.45	0.87	0.83	0.67	0.17	0.13	0.10	1.01	1.01	0.82	0.81	0.80	0.65	0.24	0.23	0.19	108.22	108.17	102.04	136.00	135.94	128.25	760.54	760.48	717.44
2021	Aug	1.23	1.19	1.10	0.59	0.55	0.51	0.12	0.08	0.07	0.68	0.68	0.62	0.55	0.54	0.50	0.16	0.16	0.14	49.77	49.71	44.75	66.01	65.95	59.36	386.30	386.25	347.69
2021	Sep	2.35	2.30	2.26	1.13	1.08	1.06	0.23	0.18	0.17	1.31	1.30	1.28	1.04	1.04	1.02	0.31	0.30	0.30	28.16	28.08	25.94	38.23	38.15	35.23	202.18	202.10	186.66
2021	Oct	2.36	2.31	2.31	1.13	1.09	1.09	0.23	0.18	0.18	1.31	1.31	1.30	1.05	1.04	1.04	0.31	0.30	0.30	21.30	21.24	20.33	29.73	29.67	28.39	150.58	150.52	144.03
2021	Nov	1.60	1.56	1.50	0.77	0.73	0.70	0.15	0.11	0.11	0.89	0.89	0.86	0.71	0.71	0.68	0.21	0.21	0.20	18.57	18.52	18.28	27.00	26.96	26.61	129.91	129.86	128.15
2021	Dec	1.03	0.99	0.99	0.49	0.46	0.45	0.10	0.06	0.06	0.58	0.57	0.57	0.46	0.45	0.45	0.14	0.13	0.13	15.80	15.76	15.76	23.13	23.09	23.09	101.41	101.37	101.39
2022	Jan	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	11.95	11.92	11.93	18.00	17.96	17.98	75.98	75.95	76.04
2022	Feb	0.82	0.79	0.79	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.53	10.49	10.48	15.92	15.88	15.86	67.56	67.52	67.43
2022	Mar	1.19	1.15	1.91	0.57	0.53	0.89	0.11	0.07	0.13	0.67	0.66	1.10	0.53	0.53	0.88	0.16	0.16	0.26	12.68	12.63	19.04	18.63	18.58	28.00	75.40	75.34	113.54
2022	Apr	4.79	4.71	8.17	2.30	2.22	3.87	0.46	0.38	0.69	2.67	2.67	4.61	2.13	2.13	3.67	0.63	0.64	1.09	22.19	22.13	51.61	31.51	31.44	73.30	126.77	126.71	295.19
2022	May	3.99	3.93	2.28	1.92	1.85	1.07	0.38	0.32	0.17	2.23	2.22	1.29	1.77	1.77	1.03	0.53	0.52	0.30	71.52	71.43	50.50	92.85	92.76	65.59	431.75	431.66	305.25
2022	Jun	1.29	1.25	1.09	0.62	0.58	0.50	0.12	0.08	0.07	0.72	0.71	0.62	0.57	0.57	0.49	0.17	0.16	0.14	135.34	135.23	104.26	167.70	167.60	129.21	843.51	843.41	650.26
2022	Jul	1.77	1.73	1.55	0.85	0.81	0.72	0.17	0.12	0.11	0.99	0.98	0.88	0.79	0.78	0.70	0.23	0.23	0.20	104.78	104.72	98.83	131.74	131.67	124.27	733.37	733.30	692.09
2022	Aug	1.28	1.24	1.13	0.61	0.57	0.52	0.12	0.08	0.07	0.71	0.70	0.64	0.57	0.56	0.51	0.17	0.16	0.15	45.92	45.86	41.21	61.09	61.03	54.84	354.49	354.43	318.52
2022	Sep	0.98	0.94	0.91	0.47	0.43	0.42	0.09	0.06	0.06	0.55	0.54	0.52	0.43	0.43	0.41	0.13	0.12	0.12	27.30	27.21	25.30	37.03	36.95	34.35	194.15	194.06	180.44
2022	Oct	0.97	0.94	0.91	0.47	0.43	0.42	0.09	0.06	0.06	0.54	0.54	0.52	0.43	0.43	0.41	0.13	0.12	0.12	21.30	21.24	20.46	29.73	29.66	28.58	150.58	150.51	145.00
2022	Nov	0.87	0.84	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	18.57	18.53	18.32	27.00	26.96	26.67	129.91	129.86	128.45
2022	Dec	0.95	0.91	0.94	0.45	0.42	0.43	0.09	0.06	0.06	0.53	0.52	0.54	0.42	0.42	0.43	0.12	0.12	0.12	15.80	15.76	15.76	23.13	23.09	23.10	101.41	101.37	101.41
2023	Jan	0.85	0.82	0.83	0.41	0.38	0.38	0.08	0.05	0.05	0.47	0.47	0.47	0.38	0.37	0.38	0.11	0.11	0.11	11.95	11.92	11.93	18.00	17.96	17.98	75.98	75.95	76.03
2023	Feb	0.83	0.80	0.84	0.40	0.37	0.39	0.08	0.05	0.05	0.47	0.46	0.48	0.37	0.37	0.39	0.11	0.11	0.11	10.53	10.49	10.48	15.92	15.88	15.86	67.56	67.52	67.43
2023	Mar	0.93	0.90	1.52	0.45	0.41	0.70	0.09	0.05	0.09	0.52	0.52	0.88	0.41	0.41	0.70	0.12	0.12	0.21	12.68	12.63	19.52	18.63	18.58	28.70	75.40	75.34	116.40
2023	Apr	3.89	3.80	7.34	1.87	1.78	3.47	0.37	0.28	0.60	2.17	2.17	4.16	1.73	1.73	3.31	0.51	0.52	0.99	25.17	25.10	58.53	34.94	34.87	81.29	144.16	144.09	335.72
2023	May	3.68	3.60	2.72	1.77	1.69	1.27	0.35	0.28	0.21	2.05	2.04	1.54	1.63	1.63	1.23	0.48	0.48	0.36	80.58	80.48	56.33	104.21	104.11	72.88	490.68	490.58	343.45
2023	Jun	2.85	2.79	2.14	1.37	1.31	1.00	0.27	0.21	0.16	1.59	1.58	1.21	1.27	1.26	0.96	0.38	0.37	0.28	140.91	140.79	108.34	174.89	174.78	134.49	881.13	881.02	677.94
2023	Jul	1.58	1.53	1.33	0.76	0.71	0.62	0.15	0.11	0.09	0.88	0.87	0.76	0.7														

Table 10-C.3: Projected Mean Monthly Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ERT)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026	Mar	0.90	0.89	1.13	0.43	0.42	0.53	0.09	0.08	0.10	0.50	0.49	0.63	0.40	0.39	0.50	0.12	0.11	0.14	12.34	12.30	20.14	18.07	18.04	29.54	73.62	73.58	120.54
2026	Apr	1.89	1.86	9.81	0.91	0.88	4.57	0.18	0.15	0.70	1.05	1.03	5.52	0.84	0.82	4.38	0.25	0.23	1.24	21.85	21.79	50.71	30.95	30.89	71.93	124.91	124.85	291.00
2026	May	7.44	7.32	5.09	3.57	3.45	2.38	0.71	0.59	0.38	4.15	4.08	2.86	3.31	3.24	2.27	0.98	0.92	0.64	71.52	71.33	48.65	92.85	92.65	63.18	431.75	431.55	294.21
2026	Jun	4.38	4.28	1.51	2.10	2.00	0.71	0.42	0.31	0.12	2.45	2.40	0.84	1.95	1.91	0.67	0.58	0.54	0.19	135.33	135.13	103.45	167.70	167.50	128.22	843.51	843.31	645.49
2026	Jul	2.43	2.38	1.93	1.17	1.12	0.91	0.23	0.18	0.15	1.36	1.33	1.08	1.08	1.06	0.86	0.32	0.30	0.24	108.23	108.16	102.25	136.00	135.93	128.51	760.54	760.48	718.95
2026	Aug	1.79	1.75	1.59	0.86	0.82	0.75	0.17	0.14	0.13	1.00	0.98	0.88	0.79	0.78	0.70	0.24	0.22	0.20	49.78	49.71	44.39	66.01	65.94	58.87	386.30	386.24	344.83
2026	Sep	2.10	2.05	1.97	1.01	0.96	0.93	0.20	0.16	0.15	1.17	1.15	1.10	0.93	0.91	0.87	0.28	0.26	0.25	28.17	28.00	26.77	38.23	38.05	36.37	202.18	202.00	192.89
2026	Oct	1.78	1.73	1.84	0.85	0.81	0.86	0.17	0.12	0.13	0.99	0.97	1.04	0.79	0.77	0.82	0.23	0.22	0.23	21.52	21.38	21.21	30.05	29.91	29.64	152.76	152.62	151.06
2026	Nov	1.53	1.50	1.57	0.74	0.71	0.74	0.15	0.12	0.12	0.85	0.84	0.88	0.68	0.67	0.70	0.20	0.19	0.20	18.80	18.77	18.76	27.19	27.16	27.14	131.84	131.81	131.71
2026	Dec	1.06	1.05	1.09	0.51	0.49	0.51	0.10	0.09	0.09	0.59	0.58	0.61	0.47	0.46	0.48	0.14	0.13	0.14	15.84	15.82	15.84	23.05	23.03	23.06	101.48	101.46	101.59
2027	Jan	0.92	0.91	0.95	0.44	0.43	0.45	0.09	0.08	0.08	0.51	0.51	0.53	0.41	0.40	0.42	0.12	0.11	0.12	11.97	11.95	11.95	18.00	17.97	17.99	75.98	75.96	76.01
2027	Feb	1.03	1.02	1.16	0.49	0.48	0.55	0.10	0.09	0.10	0.57	0.56	0.64	0.46	0.45	0.51	0.14	0.13	0.14	10.54	10.52	10.51	15.92	15.90	15.88	67.56	67.54	67.44
2027	Mar	1.11	1.10	2.29	0.53	0.52	1.08	0.11	0.10	0.18	0.62	0.61	1.28	0.49	0.48	1.01	0.15	0.14	0.29	12.70	12.66	21.12	18.63	18.59	31.01	75.40	75.36	125.74
2027	Apr	2.57	2.55	3.70	1.24	1.21	1.70	0.25	0.22	0.22	1.44	1.41	2.10	1.14	1.12	1.67	0.34	0.32	0.47	22.21	22.15	51.47	31.51	31.44	73.11	126.77	126.71	294.90
2027	May	3.32	3.24	2.18	1.60	1.51	1.03	0.32	0.23	0.17	1.85	1.82	1.22	1.48	1.45	0.97	0.44	0.41	0.27	71.52	71.32	48.13	92.85	92.65	62.51	431.75	431.55	291.06
2027	Jun	2.10	2.05	1.44	1.01	0.96	0.68	0.20	0.16	0.11	1.17	1.15	0.80	0.93	0.91	0.64	0.28	0.26	0.18	135.33	135.12	103.25	167.70	167.49	127.98	843.51	843.30	644.30
2027	Jul	3.95	3.86	3.45	1.90	1.81	1.62	0.38	0.29	0.26	2.20	2.17	1.94	1.76	1.72	1.54	0.52	0.49	0.43	108.22	108.16	102.29	136.00	135.93	128.57	760.54	760.47	719.26
2027	Aug	1.51	1.48	1.43	0.73	0.70	0.68	0.14	0.12	0.12	0.84	0.83	0.80	0.67	0.66	0.63	0.20	0.19	0.18	49.78	49.71	44.31	66.01	65.94	58.77	386.30	386.24	344.25
2027	Sep	1.63	1.59	1.60	0.78	0.74	0.75	0.16	0.11	0.13	0.91	0.90	0.89	0.73	0.71	0.71	0.22	0.20	0.20	28.17	28.00	26.94	38.23	38.05	36.60	202.18	202.00	194.16
2027	Oct	1.73	1.67	1.79	0.83	0.77	0.83	0.17	0.10	0.12	0.97	0.95	1.01	0.77	0.75	0.80	0.23	0.21	0.23	21.31	21.17	21.12	29.73	29.59	29.51	150.58	150.44	149.89
2027	Nov	1.07	1.05	1.08	0.51	0.50	0.51	0.10	0.08	0.09	0.60	0.59	0.60	0.47	0.46	0.48	0.14	0.13	0.13	18.57	18.54	18.58	27.00	26.98	27.03	129.91	129.88	130.13
2027	Dec	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	15.80	15.78	15.81	23.13	23.11	23.14	101.41	101.39	101.55
2028	Jan	0.82	0.80	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	11.97	11.94	11.95	18.00	17.97	17.98	75.98	75.96	75.99
2028	Feb	0.83	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.55	10.53	10.59	15.91	15.89	15.97	67.49	67.47	67.84
2028	Mar	1.06	1.04	1.60	0.51	0.49	0.75	0.10	0.08	0.12	0.59	0.58	0.89	0.47	0.46	0.71	0.14	0.13	0.20	12.72	12.68	20.49	18.65	18.61	30.08	75.42	75.38	121.87
2028	Apr	2.26	2.20	5.41	1.08	1.03	2.50	0.22	0.16	0.36	1.26	1.24	3.06	1.00	0.98	2.43	0.30	0.28	0.69	25.25	25.16	57.76	35.00	34.92	80.18	144.22	144.14	331.27
2028	May	3.84	3.67	2.41	1.84	1.67	1.11	0.37	0.20	0.15	2.14	2.11	1.37	1.71	1.67	1.09	0.51	0.47	0.31	80.60	80.36	54.66	104.27	104.04	70.76	490.74	490.51	333.52
2028	Jun	4.57	4.40	4.30	2.19	2.02	2.00	0.44	0.27	0.31	2.55	2.51	2.42	2.03	1.99	1.92	0.60	0.56	0.54	140.84	140.58	107.32	174.88	174.62	133.30	881.12	880.86	672.30
2028	Jul	4.11	3.98	3.49	1.98	1.84	1.62	0.39	0.26	0.23	2.30	2.26	1.97	1.83	1.79	1.57	0.54	0.51	0.44	104.74	104.65	99.34	131.69	131.61	124.92	733.32	733.24	695.99
2028	Aug	1.99	1.94	1.73	0.96	0.90	0.81	0.19	0.14	0.12	1.11	1.09	0.98	0.88	0.87	0.77	0.26	0.25	0.22	45.88	45.80	42.50	61.04	60.97	56.57	354.44	354.36	328.78
2028	Sep	2.07	2.01	2.01	0.99	0.93	0.93	0.20	0.14	0.14	1.15	1.13	1.13	0.92	0.90	0.90	0.27	0.25	0.25	27.61	27.41	26.73	37.34	37.14	36.20	194.46	194.26	189.18
2028	Oct	1.36	1.30	1.36	0.65	0.59	0.62	0.13	0.07	0.08	0.76	0.74	0.78	0.60	0.59	0.61	0.18	0.17	0.17	20.98	20.83	20.87	29.40	29.25	29.29	150.25	150.10	150.23
2028	Nov	0.92	0.89	0.91	0.44	0.42	0.42	0.09	0.06	0.07	0.51	0.50	0.51	0.41	0.40	0.41	0.12	0.11	0.11	18.55	18.52	18.59	26.99	26.95	27.06	129.89	129.85	130.36
2028	Dec	0.85	0.84	0.85	0.41	0.39	0.40	0.08	0.07	0.07	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.10	0.11	15.51	15.48	15.51	22.78	22.75	22.79	99.98	99.95	100.12
2029	Jan	0.83	0.82	0.85	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.11	11.67	11.64	11.65	17.68	17.65	17.66	74.67	74.64	74.67
2029	Feb	0.82	0.80	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.49	10.47	10.45	15.89	15.86	15.84	67.43	67.41	67.31
2029	Mar	1.59	1.55	3.04	0.76	0.73	1.41	0.15	0.11	0.21	0.89	0.87	1.72	0.71	0.69	1.36	0.21	0.20	0.39	12.70	12.65	21.92	18.63	18.58	32.21	75.40	75.35	130.62
2029	Apr	3.01	2.93	5.73	1.45	1.37	2.67	0.29	0.21	0.41	1.68	1.65	3.23	1.34	1.31	2.56	0.40	0.37	0.73	25.18	25.10	58.15	34.94	34.86	80.79	144.16	144.08	334.18
2029	May	4.22	4.04	2.45	2.02	1.85	1.14	0.40	0.23	0.18	2.35	2.31	1.38	1.87	1.83	1.10	0.56	0.52	0.31	80.53	80.30	53.17	104.21	103.98	68.84	490.68	490.45	324.60
2029	Jun	2.15	2.08	1.49	1.03	0.97	0.69	0.21	0.14	0.11	1.20	1.18	0.84	0.95	0.93	0.67	0.28	0.26	0.19	140.85	140.59	107.05	174.89	174.64	132.96	881.13	880.88	670.55
2029	Jul	1.12	1.09	0.90	0.54	0.51	0.42	0.11	0.08	0.07	0.62	0.61	0.50	0.50	0.48	0.40	0.15	0.14	0.11	104.78	104.69	99.10	131.74	131.65	124.62	733.37	733.28	694.12
2029	Aug	0.91	0.90	0.85	0.44	0.42	0.40	0.09	0.07	0.07	0.51	0.50	0.47	0.41	0.40	0.38	0.12	0.11	0.11	45.93	45.84	40.73	61.09	61.01	54.20	354.49	354.41	314.82
2029	Sep	0.90	0.88	0.84	0.43	0.41	0.40	0.09	0.07	0.07	0.50	0.49																

Table 10-C.3: Projected Mean Monthly Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ERT)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032	May	7.98	7.73	8.99	3.83	3.58	4.17	0.77	0.51	0.60	4.45	4.38	5.09	3.55	3.47	4.04	1.05	0.98	1.15	71.57	71.32	46.79	92.91	92.66	60.77	431.81	431.56	282.96
2032	Jun	8.30	8.06	2.09	3.99	3.74	0.97	0.80	0.55	0.14	4.63	4.55	1.18	3.69	3.61	0.94	1.09	1.02	0.26	135.30	135.02	102.42	167.68	167.40	126.98	843.49	843.22	639.45
2032	Jul	1.40	1.37	1.02	0.67	0.64	0.48	0.13	0.10	0.08	0.78	0.77	0.57	0.62	0.61	0.45	0.19	0.17	0.13	108.17	108.08	102.81	135.96	135.87	129.24	760.50	760.41	723.30
2032	Aug	1.02	1.00	0.89	0.49	0.47	0.42	0.10	0.08	0.07	0.57	0.56	0.50	0.45	0.44	0.39	0.13	0.12	0.11	49.73	49.65	46.05	65.96	65.87	61.09	386.26	386.17	358.14
2032	Sep	1.89	1.83	1.78	0.91	0.85	0.83	0.18	0.12	0.12	1.05	1.04	1.00	0.84	0.82	0.80	0.25	0.23	0.23	28.48	28.27	28.33	38.53	38.32	38.38	202.49	202.27	202.45
2032	Oct	2.24	2.16	2.35	1.08	0.99	1.08	0.22	0.13	0.14	1.25	1.23	1.34	1.00	0.98	1.06	0.30	0.28	0.30	20.98	20.83	21.32	29.40	29.25	29.94	150.25	150.10	153.66
2032	Nov	1.27	1.23	1.25	0.61	0.57	0.57	0.12	0.08	0.07	0.71	0.69	0.71	0.56	0.55	0.56	0.17	0.16	0.16	18.55	18.52	18.73	26.99	26.95	27.26	129.89	129.85	131.34
2032	Dec	0.85	0.83	0.83	0.41	0.39	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.38	0.37	0.37	0.11	0.10	0.10	15.80	15.77	15.82	23.13	23.10	23.17	101.41	101.38	101.70
2033	Jan	0.81	0.80	0.80	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	11.97	11.94	11.93	18.00	17.97	17.96	75.98	75.95	75.92
2033	Feb	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.06	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.54	10.52	10.50	15.92	15.89	15.87	67.56	67.53	67.42
2033	Mar	0.91	0.89	2.18	0.44	0.42	1.01	0.09	0.07	0.14	0.51	0.50	1.23	0.40	0.39	0.98	0.12	0.11	0.28	12.69	12.65	23.79	18.63	18.58	34.97	75.40	75.35	141.85
2033	Apr	2.82	2.77	6.22	1.35	1.30	2.86	0.27	0.22	0.38	1.57	1.55	3.54	1.25	1.23	2.81	0.37	0.35	0.80	22.21	22.11	51.02	31.51	31.42	72.51	126.77	126.68	292.65
2033	May	7.25	6.98	5.07	3.48	3.21	2.36	0.69	0.43	0.36	4.04	3.97	2.86	3.22	3.15	2.27	0.95	0.89	0.64	71.51	71.26	46.00	92.85	92.60	59.77	431.75	431.50	278.43
2033	Jun	4.81	4.64	3.69	2.31	2.14	1.70	0.46	0.29	0.24	2.68	2.63	2.09	2.13	2.09	1.66	0.63	0.59	0.47	135.31	135.02	102.14	167.70	167.41	126.63	843.51	843.22	637.61
2033	Jul	1.25	1.22	1.11	0.60	0.57	0.52	0.12	0.09	0.08	0.70	0.69	0.62	0.56	0.55	0.50	0.17	0.15	0.14	104.78	104.68	99.26	131.74	131.64	124.82	733.37	733.27	695.29
2033	Aug	1.48	1.44	1.29	0.71	0.67	0.60	0.14	0.10	0.09	0.83	0.81	0.73	0.66	0.64	0.58	0.19	0.18	0.16	45.93	45.84	40.45	61.09	61.00	53.83	354.49	354.40	312.72
2033	Sep	1.27	1.24	1.20	0.61	0.58	0.56	0.12	0.09	0.09	0.71	0.70	0.68	0.56	0.55	0.54	0.17	0.16	0.15	27.31	27.10	27.12	37.03	36.83	36.84	194.15	193.95	193.84
2033	Oct	1.18	1.15	1.17	0.56	0.54	0.54	0.11	0.08	0.08	0.66	0.64	0.67	0.52	0.51	0.53	0.15	0.14	0.15	21.31	21.15	21.84	29.73	29.57	30.55	150.58	150.42	155.49
2033	Nov	1.28	1.24	1.39	0.61	0.58	0.65	0.12	0.09	0.09	0.71	0.70	0.79	0.57	0.56	0.62	0.17	0.16	0.18	18.57	18.53	18.79	27.00	26.97	27.34	129.91	129.87	131.67
2033	Dec	1.16	1.12	1.24	0.56	0.52	0.57	0.11	0.08	0.08	0.65	0.63	0.70	0.51	0.50	0.55	0.15	0.14	0.16	15.80	15.77	15.83	23.13	23.10	23.19	101.41	101.38	101.78
2034	Jan	0.85	0.84	0.87	0.41	0.39	0.41	0.08	0.07	0.07	0.48	0.47	0.49	0.38	0.37	0.39	0.11	0.10	0.11	11.97	11.94	11.93	18.00	17.97	17.96	75.98	75.95	75.92
2034	Feb	0.81	0.80	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.54	10.52	10.50	15.92	15.89	15.87	67.56	67.53	67.42
2034	Mar	1.16	1.13	2.40	0.56	0.53	1.11	0.11	0.09	0.16	0.65	0.63	1.36	0.51	0.50	1.08	0.15	0.14	0.31	12.69	12.65	24.28	18.63	18.58	35.68	75.40	75.35	144.76
2034	Apr	2.31	2.24	10.91	1.11	1.04	5.04	0.22	0.15	0.71	1.29	1.27	6.19	1.02	1.00	4.91	0.30	0.28	1.39	25.18	25.09	57.82	34.94	34.85	80.34	144.16	144.07	332.27
2034	May	7.52	7.31	9.33	3.61	3.40	4.29	0.72	0.51	0.57	4.20	4.12	5.33	3.34	3.27	4.23	0.99	0.93	1.21	80.52	80.26	51.57	104.21	103.95	66.78	490.68	490.42	314.93
2034	Jun	9.50	9.16	1.57	4.56	4.22	0.73	0.91	0.57	0.10	5.30	5.21	0.89	4.22	4.13	0.71	1.25	1.17	0.20	140.84	140.55	106.12	174.89	174.61	131.82	881.13	880.85	664.82
2034	Jul	3.09	2.98	1.75	1.48	1.38	0.81	0.30	0.19	0.12	1.73	1.70	0.99	1.37	1.35	0.79	0.41	0.38	0.22	104.78	104.68	99.29	131.74	131.64	124.86	733.37	733.27	695.51
2034	Aug	1.54	1.49	1.31	0.74	0.69	0.61	0.15	0.10	0.09	0.86	0.84	0.74	0.68	0.67	0.59	0.20	0.19	0.17	45.93	45.84	40.38	61.09	61.00	53.74	354.49	354.40	312.19
2034	Sep	1.37	1.34	1.35	0.66	0.62	0.63	0.13	0.09	0.09	0.77	0.75	0.76	0.61	0.60	0.60	0.18	0.17	0.17	27.31	27.10	27.29	37.03	36.83	37.07	194.15	193.94	195.08
2034	Oct	2.71	2.55	2.90	1.30	1.14	1.33	0.26	0.10	0.17	1.51	1.49	1.66	1.20	1.18	1.31	0.36	0.33	0.37	21.31	21.15	21.97	29.73	29.57	30.72	150.58	150.42	156.40
2034	Nov	6.50	6.26	6.73	3.12	2.88	3.10	0.62	0.39	0.41	3.63	3.56	3.84	2.89	2.83	3.04	0.86	0.80	0.86	18.57	18.53	18.81	27.00	26.97	27.37	129.91	129.87	131.79
2034	Dec	1.17	1.14	1.15	0.56	0.53	0.53	0.11	0.08	0.08	0.65	0.64	0.65	0.52	0.51	0.52	0.15	0.14	0.15	15.51	15.48	15.55	22.78	22.75	22.84	99.98	99.95	100.36
2035	Jan	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	11.67	11.64	11.64	17.68	17.65	17.64	74.67	74.64	74.61
2035	Feb	0.82	0.81	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.37	0.36	0.37	0.11	0.10	0.11	10.49	10.46	10.44	15.89	15.86	15.84	67.43	67.41	67.29
2035	Mar	0.88	0.87	2.07	0.42	0.41	0.96	0.08	0.07	0.14	0.49	0.48	1.17	0.39	0.38	0.93	0.12	0.11	0.26	12.69	12.64	24.78	18.63	18.58	36.43	75.40	75.35	147.78
2035	Apr	2.51	2.43	10.33	1.20	1.13	4.75	0.24	0.16	0.63	1.40	1.38	5.90	1.11	1.09	4.69	0.33	0.31	1.34	25.17	25.08	57.70	34.94	34.85	80.20	144.16	144.07	331.90
2035	May	6.88	6.61	3.60	3.30	3.03	1.66	0.66	0.39	0.22	3.84	3.77	2.05	3.06	2.99	1.62	0.91	0.85	0.46	80.60	80.36	51.29	104.21	103.97	66.34	490.68	490.44	312.87
2035	Jun	3.90	3.76	1.31	1.87	1.73	0.61	0.37	0.23	0.09	2.18	2.14	0.74	1.73	1.70	0.59	0.51	0.48	0.17	140.91	140.63	106.00	174.89	174.61	131.60	881.13	880.85	663.68
2035	Jul	1.41	1.37	1.00	0.68	0.64	0.47	0.14	0.10	0.08	0.79	0.77	0.56	0.63	0.61	0.44	0.19	0.17	0.13	104.78	104.69	99.34	131.74	131.64	124.92	733.37	733.27	695.80
2035	Aug	1.17	1.14	1.00	0.56	0.53	0.47	0.11	0.08	0.08	0.65	0.64	0.56	0.52	0.51	0.44	0.15	0.14	0.13	45.94	45.85	40.32	61.09	61.00	53.65	354.49	354.40	311.66
2035	Sep	1.85	1.79	1.73	0.89	0.83	0.80	0.18	0.12	0.11	1.03	1.02	0.98	0.82	0.81	0.78	0.24	0.23	0.22	27.08	26.88	27.25	36.85	36.65	37.13	192.45	192.25	194.63
2035	Oct	1.41	1.35	1.43	0.68	0.62	0.65	0.14	0.08	0.08	0.79	0.77	0.82	0.63	0.61	0.65	0.19	0.17	0.18	21.07	20.91	21.87	29.39	29.23	30.57	147.91	147.74	154.55
2035	Nov	1.18	1.14	1.23	0.57	0.53	0.57	0.11	0.08	0.08	0.66	0.6																

Table 10-C.3: Projected Mean Monthly Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ERT)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2038	Jul	1.37	1.33	1.09	0.66	0.62	0.51	0.13	0.09	0.08	0.76	0.75	0.61	0.61	0.60	0.49	0.18	0.17	0.14	108.22	108.14	102.73	136.00	135.92	129.12	760.54	760.46	722.44
2038	Aug	0.88	0.87	0.83	0.42	0.41	0.39	0.08	0.07	0.07	0.49	0.49	0.46	0.39	0.39	0.37	0.12	0.11	0.10	49.79	49.71	43.49	66.01	65.93	57.68	386.30	386.22	337.91
2038	Sep	1.21	1.17	1.31	0.58	0.54	0.61	0.12	0.08	0.09	0.68	0.67	0.74	0.54	0.53	0.59	0.16	0.15	0.17	28.18	28.00	28.93	38.23	38.05	39.29	202.18	202.00	208.44
2038	Oct	3.66	3.52	4.28	1.76	1.62	1.97	0.35	0.21	0.27	2.04	2.03	2.47	1.63	1.62	1.96	0.48	0.48	0.58	21.32	21.17	22.58	29.73	29.58	31.54	150.58	150.43	160.23
2038	Nov	2.09	2.01	2.20	1.00	0.92	1.01	0.20	0.12	0.13	1.16	1.16	1.27	0.93	0.92	1.01	0.27	0.27	0.30	18.58	18.54	19.00	27.00	26.97	27.63	129.91	129.87	133.04
2038	Dec	1.06	1.03	1.07	0.51	0.48	0.50	0.10	0.07	0.08	0.59	0.59	0.61	0.47	0.47	0.48	0.14	0.14	0.14	15.80	15.78	15.87	23.13	23.10	23.23	101.41	101.38	101.96
2039	Jan	0.81	0.80	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.11	11.96	11.94	11.93	18.00	17.97	17.96	75.98	75.96	75.91
2039	Feb	0.81	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.07	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.54	10.52	10.50	15.92	15.90	15.87	67.56	67.54	67.42
2039	Mar	1.34	1.31	2.93	0.64	0.61	1.36	0.13	0.10	0.20	0.75	0.75	1.69	0.59	0.59	1.35	0.18	0.18	0.41	12.69	12.65	26.83	18.63	18.59	39.43	75.40	75.36	159.89
2039	Apr	2.30	2.24	3.25	1.11	1.05	1.47	0.22	0.16	0.15	1.28	1.29	1.91	1.02	1.03	1.52	0.30	0.31	0.45	22.20	22.13	50.37	31.51	31.44	71.60	126.77	126.70	288.88
2039	May	2.22	2.13	1.55	1.07	0.98	0.72	0.21	0.12	0.11	1.24	1.23	0.88	0.99	0.98	0.70	0.29	0.29	0.20	71.51	71.30	44.30	92.85	92.64	57.55	431.75	431.54	268.01
2039	Jun	2.36	2.28	1.49	1.13	1.05	0.69	0.23	0.14	0.10	1.32	1.31	0.85	1.05	1.04	0.67	0.31	0.30	0.20	135.31	135.08	101.10	167.70	167.47	125.33	843.51	843.28	630.90
2039	Jul	2.18	2.10	1.68	1.04	0.97	0.78	0.21	0.13	0.11	1.21	1.21	0.96	0.97	0.96	0.76	0.29	0.28	0.22	104.78	104.70	99.50	131.74	131.65	125.12	733.37	733.28	696.91
2039	Aug	3.70	3.58	2.84	1.78	1.65	1.31	0.35	0.23	0.18	2.07	2.05	1.63	1.64	1.64	1.30	0.49	0.48	0.38	45.94	45.86	40.05	61.09	61.01	53.29	354.49	354.41	309.54
2039	Sep	2.96	2.85	2.82	1.42	1.31	1.30	0.28	0.18	0.17	1.65	1.64	1.63	1.31	1.31	1.29	0.39	0.38	0.38	27.31	27.14	28.21	37.03	36.86	38.30	194.15	193.97	201.44
2039	Oct	1.99	1.92	2.13	0.95	0.89	0.98	0.19	0.12	0.14	1.11	1.10	1.22	0.88	0.87	0.97	0.26	0.25	0.28	21.32	21.17	22.70	29.73	29.58	31.71	150.58	150.43	161.08
2039	Nov	1.27	1.23	1.36	0.61	0.57	0.63	0.12	0.09	0.09	0.71	0.70	0.78	0.56	0.56	0.62	0.17	0.17	0.18	18.58	18.54	19.04	27.00	26.97	27.70	129.91	129.87	133.37
2039	Dec	1.17	1.13	1.21	0.56	0.53	0.56	0.11	0.08	0.08	0.65	0.65	0.69	0.52	0.52	0.55	0.15	0.15	0.16	15.80	15.78	15.88	23.13	23.10	23.25	101.41	101.38	102.01
2040	Jan	1.77	1.72	1.90	0.85	0.80	0.89	0.17	0.12	0.14	0.99	0.99	1.09	0.79	0.78	0.87	0.23	0.23	0.26	11.96	11.94	11.93	18.00	17.97	17.96	75.98	75.96	75.91
2040	Feb	1.87	1.81	2.07	0.90	0.84	0.95	0.18	0.12	0.13	1.04	1.04	1.19	0.83	0.83	0.95	0.25	0.25	0.28	10.55	10.53	10.61	15.91	15.89	16.02	67.49	67.47	68.02
2040	Mar	1.28	1.25	2.45	0.61	0.58	1.13	0.12	0.09	0.16	0.71	0.71	1.41	0.57	0.57	1.13	0.17	0.17	0.34	12.72	12.68	26.22	18.65	18.62	38.51	75.42	75.38	155.99
2040	Apr	1.57	1.54	2.56	0.76	0.73	1.17	0.15	0.12	0.15	0.88	0.88	1.49	0.70	0.70	1.19	0.21	0.21	0.35	25.23	25.17	56.43	35.00	34.93	78.35	144.22	144.15	323.47
2040	May	3.02	2.88	1.70	1.45	1.31	0.79	0.29	0.15	0.11	1.68	1.67	0.97	1.34	1.33	0.77	0.40	0.39	0.22	80.66	80.45	50.30	104.27	104.06	65.06	490.74	490.54	306.61
2040	Jun	6.27	6.11	4.61	3.01	2.85	2.15	0.60	0.44	0.33	3.50	3.49	2.63	2.79	2.78	2.09	0.83	0.82	0.62	140.89	140.66	105.16	174.88	174.64	130.56	881.12	880.88	658.33
2040	Jul	2.35	2.27	1.93	1.13	1.05	0.89	0.23	0.15	0.13	1.31	1.30	1.10	1.04	1.03	0.88	0.31	0.30	0.26	104.74	104.65	99.93	131.69	131.61	125.67	733.32	733.24	700.17
2040	Aug	2.51	2.42	2.03	1.20	1.12	0.94	0.24	0.15	0.13	1.40	1.39	1.16	1.11	1.11	0.93	0.33	0.32	0.27	45.89	45.81	42.45	61.04	60.97	56.49	354.44	354.36	328.36
2040	Sep	4.67	4.52	5.62	2.24	2.09	2.63	0.45	0.30	0.43	2.60	2.59	3.19	2.07	2.06	2.54	0.61	0.61	0.75	27.39	27.21	28.76	37.16	36.97	39.07	192.76	192.57	203.35
2040	Oct	4.83	4.59	4.69	2.32	2.08	2.10	0.46	0.23	0.19	2.69	2.68	2.76	2.14	2.13	2.20	0.64	0.63	0.65	20.74	20.60	22.04	29.06	28.92	30.92	147.58	147.44	157.48
2040	Nov	1.29	1.25	1.30	0.62	0.58	0.60	0.12	0.09	0.09	0.72	0.71	0.74	0.57	0.57	0.59	0.17	0.17	0.17	18.51	18.48	18.99	26.83	26.79	27.54	128.84	128.80	132.37
2040	Dec	0.90	0.87	0.90	0.43	0.41	0.42	0.09	0.06	0.06	0.50	0.50	0.51	0.40	0.40	0.41	0.12	0.12	0.12	15.51	15.49	15.58	22.78	22.75	22.88	99.98	99.95	100.53
2041	Jan	0.84	0.82	0.86	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.49	0.37	0.37	0.39	0.11	0.11	0.11	11.67	11.65	11.64	17.68	17.65	17.64	74.67	74.64	74.58
2041	Feb	0.80	0.79	0.84	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.35	0.38	0.11	0.10	0.11	10.49	10.47	10.45	15.89	15.87	15.85	67.43	67.41	67.31
2041	Mar	0.83	0.81	1.30	0.40	0.38	0.61	0.08	0.07	0.10	0.46	0.46	0.74	0.37	0.37	0.59	0.11	0.11	0.18	13.33	13.29	29.31	19.29	19.25	42.46	77.77	77.73	171.53
2041	Apr	2.51	2.44	8.21	1.20	1.14	3.82	0.24	0.18	0.58	1.40	1.40	4.70	1.11	1.12	3.75	0.33	0.34	1.12	27.60	27.53	62.43	38.10	38.03	86.25	158.44	158.37	359.37
2041	May	5.79	5.51	2.20	2.78	2.50	1.02	0.55	0.28	0.14	3.23	3.22	1.26	2.57	2.56	1.00	0.76	0.76	0.29	82.19	81.99	50.26	106.41	106.21	65.09	501.06	500.86	306.90
2041	Jun	3.75	3.63	2.28	1.80	1.68	1.06	0.36	0.24	0.15	2.09	2.08	1.30	1.67	1.66	1.04	0.49	0.49	0.30	134.46	134.23	100.10	167.62	167.39	124.81	853.14	852.91	635.80
2041	Jul	1.37	1.33	1.21	0.66	0.62	0.56	0.13	0.09	0.08	0.76	0.75	0.68	0.61	0.60	0.54	0.18	0.17	0.16	94.54	94.46	89.85	119.88	119.79	113.95	677.03	676.95	643.91
2041	Aug	1.24	1.21	1.06	0.59	0.56	0.50	0.12	0.09	0.08	0.69	0.68	0.60	0.55	0.54	0.48	0.16	0.16	0.14	42.00	41.92	36.50	56.40	56.32	49.03	327.62	327.54	285.12
2041	Sep	1.76	1.71	1.73	0.84	0.79	0.80	0.17	0.12	0.12	0.98	0.97	0.98	0.78	0.77	0.78	0.23	0.23	0.23	27.08	26.91	28.33	36.85	36.67	38.60	192.45	192.27	202.21
2041	Oct	1.24	1.19	1.25	0.60	0.55	0.56	0.12	0.07	0.06	0.69	0.68	0.72	0.55	0.54	0.58	0.16	0.16	0.17	21.07	20.92	22.63	29.39	29.24	31.61	147.91	147.76	159.61
2041	Nov	4.94	4.82	5.44	2.37	2.25	2.54	0.47	0.36	0.39	2.75	2.75	3.11	2.19	2.19	2.47	0.65	0.65	0.73	18.53	18.50	19.08	26.85	26.81	27.65	128.86	128.82	132.86
2041	Dec	1.02	1.00	1.02	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.57	0.58	0.45	0.45	0.46	0.13	0.13	0.14	15.51	15.49	15.60	22.78	22.75	22.92	99.98	99.95	100.67
2042	Jan	0.81	0.80	0.80	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47															

Table 10-C.3: Projected Mean Monthly Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ERT)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2044	Sep	1.17	1.14	1.14	0.56	0.53	0.53	0.11	0.08	0.08	0.65	0.65	0.64	0.52	0.51	0.51	0.15	0.15	0.15	27.62	27.44	29.76	37.34	37.16	40.29	194.46	194.27	210.59
2044	Oct	1.41	1.37	1.63	0.68	0.63	0.76	0.14	0.09	0.11	0.79	0.78	0.93	0.63	0.62	0.74	0.19	0.18	0.22	20.99	20.85	22.68	29.40	29.26	31.82	150.25	150.11	163.14
2044	Nov	1.50	1.45	1.74	0.72	0.67	0.80	0.14	0.10	0.11	0.84	0.83	1.00	0.67	0.66	0.80	0.20	0.20	0.24	18.56	18.52	19.27	26.99	26.95	28.04	129.89	129.85	135.13
2044	Dec	0.97	0.93	1.01	0.46	0.43	0.46	0.09	0.06	0.06	0.54	0.53	0.57	0.43	0.42	0.46	0.13	0.12	0.13	15.80	15.78	15.90	23.13	23.10	23.29	101.41	101.38	102.20
2045	Jan	0.81	0.80	0.83	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	11.97	11.94	11.93	18.00	17.97	17.95	75.98	75.96	75.87
2045	Feb	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.54	10.52	10.51	15.92	15.90	15.88	67.56	67.54	67.44
2045	Mar	0.92	0.90	1.90	0.44	0.43	0.88	0.09	0.07	0.13	0.51	0.51	1.10	0.41	0.41	0.88	0.12	0.12	0.26	12.69	12.65	30.43	18.63	18.59	44.72	75.40	75.36	181.32
2045	Apr	1.64	1.60	2.50	0.79	0.75	1.15	0.16	0.12	0.15	0.91	0.92	1.44	0.73	0.73	1.15	0.22	0.22	0.34	25.18	25.11	55.70	34.94	34.87	77.39	144.16	144.09	320.09
2045	May	2.04	1.96	1.93	0.98	0.90	0.90	0.20	0.11	0.13	1.14	1.13	1.10	0.91	0.90	0.88	0.27	0.26	0.26	80.52	80.32	47.70	104.21	104.01	61.77	490.68	490.48	291.22
2045	Jun	4.00	3.87	2.65	1.92	1.78	1.22	0.38	0.25	0.16	2.23	2.22	1.52	1.78	1.77	1.21	0.53	0.52	0.35	140.84	140.60	104.08	174.89	174.66	129.28	881.13	880.90	651.82
2045	Jul	1.88	1.82	1.67	0.90	0.84	0.78	0.18	0.12	0.11	1.05	1.04	0.96	0.83	0.83	0.76	0.25	0.24	0.22	104.78	104.69	99.74	131.74	131.65	125.42	733.37	733.28	698.60
2045	Aug	1.49	1.45	1.31	0.72	0.67	0.61	0.14	0.10	0.09	0.83	0.83	0.74	0.66	0.66	0.59	0.20	0.19	0.17	45.94	45.86	39.64	61.09	61.01	52.75	354.49	354.41	306.39
2045	Sep	3.14	3.04	3.30	1.51	1.41	1.53	0.30	0.20	0.22	1.75	1.74	1.89	1.39	1.39	1.50	0.41	0.41	0.44	27.32	27.14	29.29	37.03	36.86	39.77	194.15	193.97	209.16
2045	Oct	1.66	1.60	1.76	0.80	0.73	0.81	0.16	0.09	0.11	0.93	0.92	1.02	0.74	0.73	0.81	0.22	0.21	0.24	21.32	21.17	23.29	29.73	29.58	32.54	150.58	150.43	165.41
2045	Nov	1.74	1.68	1.88	0.84	0.77	0.85	0.17	0.10	0.09	0.97	0.96	1.09	0.77	0.77	0.87	0.23	0.23	0.26	18.58	18.54	19.41	27.00	26.97	28.23	129.91	129.87	135.95
2045	Dec	0.98	0.95	1.00	0.47	0.44	0.47	0.09	0.07	0.07	0.55	0.54	0.57	0.44	0.43	0.45	0.13	0.13	0.13	15.52	15.49	15.64	22.78	22.75	22.98	99.98	99.95	100.96
2046	Jan	0.86	0.84	0.90	0.42	0.40	0.42	0.08	0.06	0.07	0.48	0.48	0.51	0.38	0.38	0.41	0.11	0.11	0.12	11.67	11.65	11.64	17.68	17.65	17.64	74.67	74.64	74.60
2046	Feb	0.81	0.79	0.88	0.39	0.37	0.41	0.08	0.06	0.07	0.45	0.45	0.50	0.36	0.36	0.40	0.11	0.11	0.12	10.49	10.47	10.46	15.89	15.87	15.85	67.43	67.41	67.31
2046	Mar	0.85	0.84	2.81	0.41	0.39	1.29	0.08	0.07	0.18	0.48	0.47	1.62	0.38	0.38	1.29	0.11	0.11	0.39	12.69	12.66	31.03	18.63	18.59	45.59	75.40	75.36	184.85
2046	Apr	1.02	1.00	7.82	0.49	0.47	3.58	0.10	0.08	0.44	0.57	0.57	4.54	0.45	0.45	3.62	0.13	0.13	1.08	25.18	25.11	55.17	34.94	34.87	76.64	144.16	144.09	316.87
2046	May	5.90	5.76	3.27	2.83	2.69	1.51	0.57	0.42	0.21	3.29	3.29	1.88	2.62	2.62	1.49	0.78	0.78	0.44	80.59	80.39	47.29	104.21	104.01	61.17	490.68	490.48	288.42
2046	Jun	5.92	5.70	1.87	2.84	2.63	0.87	0.57	0.35	0.12	3.30	3.29	1.07	2.63	2.62	0.85	0.78	0.77	0.25	140.90	140.66	103.93	174.89	174.66	129.03	881.13	880.90	650.59
2046	Jul	1.81	1.75	1.21	0.87	0.81	0.56	0.17	0.12	0.08	1.01	1.00	0.69	0.80	0.80	0.55	0.24	0.23	0.16	104.78	104.69	99.78	131.74	131.65	125.48	733.37	733.28	698.89
2046	Aug	1.15	1.12	1.02	0.55	0.52	0.47	0.11	0.08	0.07	0.64	0.64	0.57	0.51	0.51	0.46	0.15	0.15	0.13	45.94	45.86	39.58	61.09	61.01	52.66	354.49	354.41	305.89
2046	Sep	1.42	1.38	1.32	0.68	0.64	0.61	0.14	0.10	0.09	0.79	0.78	0.75	0.63	0.62	0.59	0.19	0.18	0.17	27.09	26.91	29.23	36.85	36.67	39.82	192.45	192.27	208.61
2046	Oct	2.94	2.84	3.53	1.41	1.31	1.63	0.28	0.18	0.22	1.64	1.63	2.04	1.31	1.30	1.62	0.39	0.38	0.48	21.07	20.92	23.14	29.39	29.24	32.32	147.91	147.76	163.20
2046	Nov	1.71	1.66	2.18	0.82	0.77	1.02	0.16	0.11	0.15	0.96	0.95	1.25	0.76	0.76	0.99	0.23	0.22	0.29	18.53	18.50	19.44	26.85	26.81	28.17	128.86	128.82	135.37
2046	Dec	1.25	1.22	1.40	0.60	0.56	0.65	0.12	0.08	0.09	0.70	0.70	0.80	0.56	0.55	0.64	0.17	0.16	0.19	15.52	15.49	15.66	22.78	22.75	23.00	99.98	99.95	101.04
2047	Jan	1.14	1.11	1.23	0.55	0.51	0.57	0.11	0.08	0.08	0.63	0.63	0.71	0.51	0.50	0.56	0.15	0.15	0.17	11.66	11.64	11.64	17.68	17.65	17.65	74.67	74.64	74.61
2047	Feb	0.85	0.83	0.91	0.41	0.39	0.43	0.08	0.06	0.07	0.47	0.47	0.52	0.38	0.37	0.41	0.11	0.11	0.12	10.48	10.46	10.44	15.89	15.87	15.85	67.43	67.41	67.31
2047	Mar	1.01	0.99	7.95	0.48	0.46	3.69	0.10	0.07	0.55	0.56	0.56	4.56	0.45	0.45	3.63	0.13	0.13	1.08	13.32	13.28	33.30	19.29	19.25	48.26	77.77	77.73	194.99
2047	Apr	2.98	2.92	9.78	1.43	1.37	4.51	0.29	0.23	0.63	1.66	1.67	5.64	1.32	1.33	4.49	0.39	0.40	1.34	27.62	27.56	60.10	38.10	38.03	82.99	158.44	158.37	345.95
2047	May	7.59	7.28	2.41	3.64	3.34	1.11	0.73	0.42	0.15	4.23	4.22	1.38	3.37	3.36	1.10	1.00	1.00	0.32	82.14	81.94	47.79	106.41	106.21	61.94	501.06	500.86	292.02
2047	Jun	8.89	8.65	2.49	4.27	4.03	1.15	0.85	0.61	0.16	4.96	4.94	1.43	3.95	3.94	1.14	1.17	1.17	0.33	134.40	134.17	98.94	167.62	167.39	123.43	853.14	852.90	628.72
2047	Jul	2.78	2.68	2.12	1.33	1.23	0.98	0.27	0.17	0.13	1.55	1.54	1.22	1.23	1.23	0.97	0.37	0.36	0.28	94.51	94.43	90.03	119.88	119.79	114.21	677.03	676.95	645.40
2047	Aug	1.64	1.59	1.41	0.79	0.74	0.65	0.16	0.11	0.10	0.92	0.91	0.80	0.73	0.72	0.64	0.22	0.21	0.18	41.95	41.87	36.07	56.40	56.32	48.52	327.62	327.54	282.21
2047	Sep	1.12	1.09	1.07	0.54	0.51	0.50	0.11	0.08	0.08	0.63	0.62	0.61	0.50	0.49	0.48	0.15	0.14	0.14	27.03	26.86	29.35	36.85	36.67	40.06	192.45	192.27	209.90
2047	Oct	2.39	2.31	3.04	1.15	1.07	1.38	0.23	0.15	0.16	1.33	1.32	1.77	1.06	1.05	1.41	0.31	0.31	0.41	21.02	20.88	23.18	29.39	29.24	32.46	147.91	147.76	163.89
2047	Nov	2.89	2.77	3.35	1.39	1.26	1.50	0.28	0.15	0.14	1.61	1.61	1.98	1.29	1.28	1.58	0.38	0.38	0.47	18.49	18.45	19.47	26.85	26.81	28.28	128.86	128.82	135.89
2047	Dec	1.34	1.30	1.48	0.64	0.60	0.68	0.13	0.08	0.10	0.75	0.74	0.85	0.60	0.59	0.68	0.18	0.17	0.20	15.48	15.46	15.64	22.78	22.75	23.02	99.98	99.95	101.14
2048	Jan	0.86	0.84	0.87	0.41	0.39	0.41	0.08	0.06	0.06	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	11.65	11.62	11.62	17.68	17.65	17.65	74.67	74.64	74.61
2048	Feb	0.81	0.80	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	10.48	10.45	10.56	15.88	15.86	16.02	67.37	67.35	68.03
2048	Mar	1.32	1.29	3.45	0.63	0.60	1.59	0.13	0.09	0.22	0.74	0.74	2.00	0.59	0													

Table 10-C.3: Projected Mean Monthly Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ERT)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2050	Nov	1.67	1.62	2.46	0.80	0.75	1.14	0.16	0.11	0.17	0.93	0.93	1.41	0.74	0.74	1.12	0.22	0.22	0.33	18.49	18.46	19.72	27.00	26.97	28.81	129.91	129.87	138.73
2050	Dec	1.19	1.15	1.40	0.57	0.54	0.65	0.11	0.08	0.09	0.66	0.66	0.81	0.53	0.53	0.64	0.16	0.15	0.19	15.74	15.71	15.97	23.13	23.10	23.48	101.41	101.38	103.04
2051	Jan	0.84	0.83	0.88	0.41	0.39	0.41	0.08	0.06	0.06	0.47	0.47	0.50	0.38	0.37	0.40	0.11	0.11	0.12	11.91	11.88	11.88	18.00	17.97	17.97	75.98	75.96	75.96
2051	Feb	0.88	0.86	1.19	0.42	0.40	0.55	0.08	0.07	0.09	0.49	0.49	0.68	0.39	0.39	0.54	0.12	0.12	0.16	10.48	10.46	10.45	15.92	15.90	15.88	67.56	67.54	67.48
2051	Mar	1.05	1.02	5.25	0.50	0.48	2.43	0.10	0.08	0.34	0.58	0.58	3.03	0.46	0.46	2.42	0.14	0.14	0.72	12.63	12.59	34.07	18.63	18.59	50.30	75.40	75.36	203.95
2051	Apr	4.79	4.57	2.86	2.30	2.08	1.32	0.46	0.24	0.17	2.67	2.67	1.66	2.13	2.13	1.32	0.63	0.64	0.39	25.14	25.07	53.34	34.94	34.87	74.21	144.16	144.09	306.84
2051	May	3.39	3.26	1.99	1.63	1.50	0.92	0.32	0.19	0.13	1.89	1.88	1.14	1.51	1.50	0.91	0.45	0.44	0.26	80.49	80.29	45.00	104.21	104.00	58.29	490.68	490.48	274.83
2051	Jun	1.59	1.54	1.40	0.76	0.72	0.65	0.15	0.10	0.09	0.89	0.88	0.79	0.71	0.70	0.63	0.21	0.20	0.18	140.80	140.56	102.22	174.89	174.66	127.01	881.13	880.90	640.37
2051	Jul	1.22	1.19	1.10	0.59	0.55	0.51	0.12	0.08	0.08	0.68	0.67	0.62	0.54	0.53	0.50	0.16	0.15	0.14	104.70	104.61	99.37	131.74	131.65	125.05	733.37	733.28	696.54
2051	Aug	1.31	1.27	1.13	0.63	0.59	0.53	0.13	0.09	0.08	0.73	0.72	0.64	0.58	0.57	0.51	0.17	0.17	0.15	45.83	45.75	39.04	61.09	61.01	52.06	354.49	354.41	302.42
2051	Sep	1.65	1.60	1.68	0.79	0.74	0.78	0.16	0.11	0.11	0.92	0.91	0.96	0.73	0.72	0.76	0.22	0.21	0.22	27.21	27.04	30.00	37.03	36.85	40.88	194.15	193.97	215.02
2051	Oct	3.31	3.17	4.60	1.59	1.45	2.11	0.32	0.18	0.27	1.85	1.84	2.66	1.47	1.46	2.12	0.44	0.43	0.63	21.22	21.07	23.70	29.73	29.58	33.25	150.58	150.43	168.98
2051	Nov	2.95	2.78	3.29	1.41	1.25	1.51	0.28	0.12	0.20	1.64	1.64	1.90	1.31	1.30	1.52	0.39	0.39	0.45	18.48	18.45	19.76	27.00	26.97	28.89	129.91	129.87	139.11
2051	Dec	1.08	1.04	1.07	0.52	0.48	0.49	0.10	0.07	0.07	0.60	0.60	0.61	0.48	0.47	0.49	0.14	0.14	0.14	15.43	15.41	15.68	22.78	22.75	23.16	99.98	99.95	101.73
2052	Jan	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	11.60	11.57	11.58	17.68	17.65	17.66	74.67	74.64	74.68
2052	Feb	0.82	0.81	0.88	0.40	0.38	0.41	0.08	0.06	0.07	0.46	0.46	0.50	0.37	0.36	0.40	0.11	0.11	0.12	10.43	10.41	10.54	15.88	15.86	16.07	67.37	67.35	68.24
2052	Mar	1.20	1.17	5.71	0.58	0.55	2.65	0.12	0.08	0.39	0.67	0.67	3.28	0.53	0.53	2.62	0.16	0.16	0.78	13.28	13.25	34.95	19.31	19.27	50.86	77.79	77.76	205.28
2052	Apr	2.11	2.05	7.30	1.01	0.95	3.34	0.20	0.14	0.42	1.18	1.18	4.24	0.94	0.94	3.38	0.28	0.28	1.00	27.63	27.55	57.65	38.16	38.09	79.72	158.50	158.43	331.83
2052	May	6.94	6.66	2.62	3.33	3.06	1.21	0.67	0.39	0.16	3.87	3.86	1.51	3.08	3.08	1.20	0.91	0.92	0.35	82.14	81.94	46.13	106.47	106.27	59.82	501.12	500.92	281.89
2052	Jun	2.99	2.89	1.37	1.44	1.33	0.64	0.29	0.18	0.09	1.67	1.66	0.78	1.33	1.32	0.62	0.39	0.39	0.18	134.33	134.09	96.84	167.37	167.37	120.86	853.12	852.89	615.66
2052	Jul	1.43	1.39	1.25	0.69	0.65	0.58	0.14	0.10	0.09	0.80	0.79	0.71	0.64	0.63	0.56	0.19	0.18	0.16	94.42	94.33	89.61	119.84	119.75	113.76	676.99	676.90	643.06
2052	Aug	0.92	0.90	0.85	0.44	0.42	0.40	0.09	0.07	0.07	0.51	0.50	0.48	0.41	0.40	0.38	0.12	0.11	0.11	41.84	41.76	38.20	56.35	56.27	51.47	327.57	327.49	299.53
2052	Sep	0.84	0.83	0.85	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.10	0.11	27.29	27.10	30.36	37.16	36.97	41.40	192.76	192.57	215.56
2052	Oct	2.03	1.96	2.97	0.98	0.90	1.38	0.19	0.12	0.21	1.13	1.13	1.70	0.90	0.90	1.35	0.27	0.26	0.40	20.64	20.50	22.89	29.06	28.92	32.26	147.58	147.44	164.28
2052	Nov	2.01	1.95	2.42	0.97	0.90	1.12	0.19	0.13	0.16	1.12	1.12	1.39	0.89	0.89	1.11	0.27	0.26	0.33	18.42	18.38	19.68	26.83	26.79	28.68	128.84	128.80	137.87
2052	Dec	1.31	1.27	1.39	0.63	0.59	0.64	0.13	0.08	0.09	0.73	0.73	0.80	0.58	0.58	0.64	0.17	0.17	0.19	15.43	15.40	15.67	22.78	22.75	23.14	99.98	99.95	101.68
2053	Jan	0.85	0.83	0.85	0.41	0.39	0.40	0.08	0.06	0.06	0.47	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	11.60	11.58	11.58	17.68	17.65	17.65	74.67	74.64	74.64
2053	Feb	0.80	0.78	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.42	10.40	10.40	15.89	15.87	15.88	67.43	67.41	67.44
2053	Mar	0.82	0.80	2.13	0.39	0.38	0.99	0.08	0.06	0.14	0.46	0.46	1.23	0.36	0.36	0.98	0.11	0.11	0.29	13.26	13.22	36.74	19.29	19.25	53.50	77.77	77.73	216.15
2053	Apr	1.60	1.56	6.90	0.77	0.73	3.18	0.15	0.12	0.43	0.89	0.90	3.99	0.71	0.71	3.18	0.21	0.22	0.95	27.56	27.50	58.98	38.10	38.03	81.63	158.44	158.37	340.32
2053	May	7.14	6.89	2.27	3.43	3.18	1.05	0.68	0.44	0.15	3.98	3.97	1.30	3.17	3.16	1.03	0.94	0.94	0.30	82.08	81.88	45.13	106.41	106.21	58.54	501.06	500.86	275.99
2053	Jun	1.55	1.50	0.95	0.75	0.70	0.45	0.15	0.10	0.07	0.87	0.86	0.54	0.69	0.68	0.43	0.20	0.20	0.12	134.34	134.11	95.98	167.62	167.39	119.78	853.14	852.90	610.13
2053	Jul	1.48	1.43	0.98	0.71	0.66	0.46	0.14	0.10	0.07	0.82	0.82	0.55	0.66	0.65	0.44	0.19	0.19	0.13	94.46	94.37	88.78	119.88	119.79	112.69	677.03	676.95	636.80
2053	Aug	0.94	0.92	0.84	0.45	0.43	0.39	0.09	0.07	0.06	0.52	0.52	0.47	0.42	0.41	0.37	0.12	0.12	0.11	41.22	41.14	34.79	55.46	55.38	46.83	321.88	321.80	272.14
2053	Sep	1.46	1.41	1.46	0.70	0.66	0.68	0.14	0.10	0.10	0.81	0.81	0.83	0.65	0.64	0.66	0.19	0.19	0.19	26.20	26.02	28.69	35.89	35.71	39.37	185.93	185.75	204.60
2053	Oct	1.47	1.42	1.80	0.70	0.65	0.81	0.14	0.09	0.09	0.82	0.81	1.04	0.65	0.65	0.83	0.19	0.19	0.24	20.80	20.65	23.22	29.25	29.11	32.72	146.52	146.37	164.45
2053	Nov	1.43	1.37	1.73	0.69	0.63	0.78	0.14	0.08	0.08	0.80	0.79	1.01	0.64	0.63	0.81	0.19	0.19	0.24	18.07	18.04	19.42	26.25	26.21	28.23	125.56	125.53	135.19
2053	Dec	0.85	0.83	0.87	0.41	0.39	0.41	0.08	0.06	0.06	0.48	0.47	0.50	0.38	0.38	0.40	0.11	0.11	0.12	14.97	14.94	15.26	22.03	22.01	22.47	96.00	95.97	98.00

Table 10-C.4: Projected Mean Monthly Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Kooconasa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020	Jan	48.0	47.0	47.0	48.0	45.9	45.9	48.0	37.5	37.5	48.0	47.0	47.0	48.0	46.8	46.8	48.0	44.2	44.2	13.8	13.7	13.7	15.6	15.5	15.5	8.9	8.9	8.9
2020	Feb	15.5	15.3	15.3	15.5	15.1	15.1	15.5	13.3	13.3	15.5	15.2	15.2	15.5	15.2	15.2	15.5	14.3	14.3	9.5	9.5	9.5	11.4	11.4	11.4	7.3	7.3	7.3
2020	Mar	14.9	14.7	14.8	14.9	14.5	14.6	14.9	13.1	13.3	14.9	14.6	14.6	14.9	14.5	14.6	14.9	13.7	13.8	12.6	12.5	17.0	14.6	14.6	19.8	8.9	8.9	12.2
2020	Apr	27.1	27.1	49.1	27.1	27.1	49.0	27.1	27.1	47.8	27.1	27.0	49.1	27.1	27.1	49.1	27.1	27.1	48.9	24.3	24.3	54.7	27.1	27.1	61.3	17.5	17.5	39.8
2020	May	24.6	24.4	29.4	24.6	24.2	29.1	24.6	22.5	27.3	24.6	24.3	29.3	24.6	24.3	29.3	24.6	23.6	28.7	83.2	83.2	61.9	85.2	85.1	63.1	62.2	62.2	45.7
2020	Jun	44.9	44.7	37.7	44.9	44.4	37.4	44.9	42.3	35.5	44.9	44.6	37.6	44.9	44.6	37.5	44.9	44.1	36.9	125.0	124.9	96.9	124.0	124.0	96.1	96.5	96.5	74.7
2020	Jul	21.0	20.8	19.4	21.0	20.6	19.2	21.0	19.1	17.6	21.0	20.7	19.3	21.0	20.7	19.2	21.0	20.0	18.5	85.6	85.6	80.9	87.2	87.2	82.5	75.6	75.6	71.5
2020	Aug	29.6	29.4	27.5	29.6	29.2	27.2	29.6	27.4	25.5	29.6	29.3	27.4	29.6	29.3	27.3	29.6	28.7	26.7	39.4	39.3	36.5	42.1	42.1	39.1	37.0	37.0	34.3
2020	Sep	62.0	61.6	58.4	62.0	61.3	58.0	62.0	58.5	55.2	62.0	61.7	58.4	62.0	61.7	58.4	62.0	61.2	57.9	24.6	24.5	22.6	26.6	26.6	24.5	20.7	20.7	19.1
2020	Oct	38.8	38.6	29.7	38.8	38.3	29.5	38.8	36.2	27.8	38.8	38.5	29.7	38.8	38.5	29.6	38.8	38.0	29.0	19.6	19.6	18.7	22.0	22.0	20.9	16.8	16.8	16.0
2020	Nov	34.1	33.8	28.6	34.1	33.4	28.3	34.1	30.6	25.6	34.1	33.8	28.7	34.1	33.8	28.6	34.1	33.2	28.1	16.8	16.7	16.5	19.3	19.3	19.0	14.0	14.0	13.8
2020	Dec	16.2	16.0	15.7	16.2	15.8	15.5	16.2	14.2	13.9	16.2	16.1	15.7	16.2	16.1	15.7	16.2	15.8	15.4	14.4	14.3	14.3	16.8	16.7	16.7	11.0	11.0	11.0
2021	Jan	17.5	16.9	18.2	17.5	16.2	17.4	17.5	10.8	11.8	17.5	17.7	19.0	17.5	17.8	19.1	17.5	18.5	19.8	11.1	11.0	11.0	13.3	13.3	13.3	8.5	8.5	8.5
2021	Feb	26.9	26.2	32.9	26.9	25.5	32.4	26.9	20.2	27.8	26.9	26.8	33.4	26.9	26.8	33.4	26.9	26.7	33.4	9.1	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2021	Mar	47.8	47.0	73.3	47.8	46.1	72.3	47.8	39.2	64.2	47.8	47.8	74.3	47.8	47.8	74.4	47.8	48.2	75.2	12.1	12.0	17.7	14.2	14.1	20.7	8.7	8.7	12.7
2021	Apr	76.7	75.8	146.0	76.7	74.9	144.4	76.7	67.9	132.6	76.7	76.7	147.3	76.7	76.9	147.4	76.7	77.7	148.3	20.5	20.4	47.5	23.2	23.2	53.8	14.1	14.1	32.7
2021	May	94.3	93.1	77.8	94.3	91.8	76.6	94.3	82.1	67.8	94.3	93.9	78.5	94.3	93.9	78.4	94.3	93.7	78.0	68.2	68.1	48.6	70.6	70.6	50.3	49.6	49.6	35.4
2021	Jun	37.7	37.0	22.4	37.7	36.1	21.6	37.7	29.8	15.9	37.7	37.4	22.8	37.7	37.4	22.8	37.7	36.9	22.1	124.9	124.8	96.4	123.5	123.4	95.3	93.8	93.8	72.4
2021	Jul	33.6	32.8	26.7	33.6	32.0	25.9	33.6	25.6	19.8	33.6	33.3	27.2	33.6	33.3	27.1	33.6	32.7	26.5	103.2	103.1	97.3	103.5	103.4	97.6	87.4	87.4	82.4
2021	Aug	22.7	22.0	20.3	22.7	21.2	19.5	22.7	15.3	13.8	22.7	22.4	20.7	22.7	22.4	20.6	22.7	21.8	20.0	47.5	47.4	42.7	50.2	50.2	45.2	44.4	44.4	40.0
2021	Sep	42.0	41.1	40.4	42.0	40.2	39.4	42.0	33.2	32.4	42.0	41.7	40.9	42.0	41.7	40.9	42.0	41.2	40.4	26.0	25.9	23.9	28.1	28.1	25.9	22.5	22.5	20.8
2021	Oct	43.5	42.7	42.6	43.5	41.8	41.8	43.5	35.1	35.0	43.5	43.2	43.2	43.5	43.2	43.1	43.5	42.7	42.6	20.3	20.3	19.4	22.6	22.6	21.6	17.3	17.3	16.6
2021	Nov	28.7	27.9	26.8	28.7	27.1	26.0	28.7	20.7	19.7	28.7	28.5	27.4	28.7	28.5	27.4	28.7	28.2	27.1	17.1	17.1	16.9	19.9	19.8	19.6	14.4	14.4	14.3
2021	Dec	19.0	18.4	18.2	19.0	17.6	17.5	19.0	12.0	11.9	19.0	18.9	18.8	19.0	18.9	18.8	19.0	18.7	18.6	15.1	15.0	15.0	17.6	17.6	17.6	11.7	11.7	11.7
2022	Jan	15.0	14.4	14.4	15.0	13.8	13.8	15.0	9.2	9.2	15.0	14.9	14.9	15.0	14.9	14.9	15.0	14.7	14.7	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7
2022	Feb	13.6	13.1	13.1	13.6	12.6	12.6	13.6	8.4	8.4	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5	13.5	9.1	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2022	Mar	22.0	21.2	35.3	22.0	20.3	34.2	22.0	13.5	25.5	22.0	22.0	36.3	22.0	22.0	36.4	22.0	22.2	36.7	12.1	12.0	18.2	14.2	14.1	21.3	8.7	8.7	13.0
2022	Apr	85.6	84.2	146.0	85.6	82.7	144.1	85.6	71.0	129.5	85.6	85.6	147.6	85.6	85.7	147.7	85.6	86.6	148.4	20.5	20.4	47.6	23.2	23.1	54.0	14.1	14.1	32.8
2022	May	73.8	72.6	42.1	73.8	71.3	41.1	73.8	61.3	33.3	73.8	73.4	42.8	73.8	73.4	42.7	73.8	73.0	42.2	68.2	68.1	48.2	70.6	70.6	49.9	49.6	49.6	35.1
2022	Jun	23.1	22.4	19.5	23.1	21.6	18.8	23.1	15.7	13.1	23.1	22.8	19.9	23.1	22.8	19.9	23.1	22.2	19.2	124.9	124.8	96.2	123.4	123.4	95.1	93.8	93.8	72.3
2022	Jul	32.8	31.9	28.7	32.8	31.0	27.8	32.8	24.0	21.0	32.8	32.5	29.2	32.8	32.5	29.2	32.8	31.9	28.6	99.9	99.9	94.2	100.2	100.2	94.5	84.3	84.3	79.5
2022	Aug	23.6	22.8	20.9	23.6	22.0	20.2	23.6	16.0	14.3	23.6	23.3	21.4	23.6	23.3	21.3	23.6	22.7	20.7	43.8	43.7	39.3	46.5	46.4	41.7	40.7	40.7	36.6
2022	Sep	17.5	16.8	16.2	17.5	16.1	15.6	17.5	10.7	10.3	17.5	17.2	16.6	17.5	17.2	16.6	17.5	16.6	16.0	25.2	25.1	23.3	27.3	27.2	25.3	21.6	21.6	20.1
2022	Oct	18.0	17.3	16.9	18.0	16.6	16.2	18.0	11.2	10.8	18.0	17.7	17.3	18.0	17.7	17.2	18.0	17.1	16.7	20.3	20.2	19.5	22.6	22.6	21.7	17.3	17.3	16.7
2022	Nov	15.6	15.0	15.2	15.6	14.4	14.6	15.6	9.6	9.7	15.6	15.5	15.7	15.6	15.4	15.7	15.6	15.2	15.5	17.1	17.1	16.9	19.9	19.8	19.6	14.4	14.4	14.3
2022	Dec	17.5	16.9	17.3	17.5	16.2	16.6	17.5	10.7	11.0	17.5	17.4	17.8	17.5	17.3	17.8	17.5	17.1	17.5	15.1	15.0	15.0	17.6	17.6	17.6	11.7	11.7	11.7
2023	Jan	15.7	15.1	15.3	15.7	14.5	14.6	15.7	9.6	9.7	15.7	15.5	15.7	15.7	15.5	15.7	15.7	15.3	15.4	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7
2023	Feb	13.9	13.4	14.0	13.9	12.9	13.4	13.9	8.5	8.9	13.9	13.9	14.5	13.9	13.9	14.5	13.9	13.8	14.4	9.1	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2023	Mar	17.2	16.6	28.2	17.2	15.9	27.0	17.2	10.6	17.9	17.2	17.2	29.2	17.2	17.2	29.2	17.2	17.2	29.3	12.1	12.0	18.6	14.2	14.1	21.8	8.7	8.7	13.4
2023	Apr	69.5	67.9	131.2	69.5	66.2	129.1	69.5	53.1	112.6	69.5	69.6	133.2	69.5	69.7	133.3	69.5	70.7	134.3	23.2	23.2	54.0	25.7	25.7	59.8	16.0	16.0	37.3
2023	May	68.0	66.6	50.2	68.0	65.1	49.1	68.0	53.7	40.0	68.0	67.6	51.0	68.0	67.6	51.0	68.0	67.2	50.5	76.8	76.7	53.7	79.3	79.2	55.4	56.4	56.4	39.5
2023	Jun	51.0	49.9	38.2	51.0	48.8	37.3	51.0	39.9	29.7	51.0	50.7	38.8	51.0	50.7	38.8	51.0	50.1	38.2	130.0	129.9	100.0	128.7	128.7	99.0	98.0	98.0	75.4
2023	Jul	29.1	28.3	24.7	29.1	27.4	23.8	29.1	20.4	17.2	29.1	28.8	25.2	29.1	28.8	25.1	29.1	28.2	24.5	99.9	99.8	94.3	100.2	100.2	94.6	84.3	84.3	79.6
2023	Aug	23.4	22.7	20.6	23.4	21.9	19.8	23.4	15.5	13.7	23.4	23.2	21.1	23.4	23.1	21.1	23.4	22.5	20.4	43.8	43.7	39.2	46.5	46.4	41.7	40.7	40.7	36.5
2023	Sep	31.4	30.5	31.0	31.4	29.6	30.0	31.4	22.5	22.9	31.4	31.1	31.5	31														

Table 10-C.4: Projected Mean Monthly Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026	Apr	33.7	33.2	175.3	33.7	32.7	170.2	33.7	28.4	130.3	33.7	33.1	177.0	33.7	33.0	176.4	33.7	31.6	168.5	20.2	20.1	46.8	22.8	22.7	53.0	13.9	13.9	32.4
2026	May	137.5	135.2	94.1	137.5	132.7	91.6	137.5	113.5	72.6	137.5	135.1	94.7	137.5	134.7	94.3	137.5	128.7	90.1	68.2	68.0	46.4	70.6	70.5	48.1	49.6	49.6	33.8
2026	Jun	78.4	76.5	26.9	78.4	74.4	26.4	78.4	58.5	22.5	78.4	77.0	26.9	78.4	76.7	26.8	78.4	73.3	25.6	124.9	124.7	95.5	123.5	123.3	94.4	93.8	93.8	71.8
2026	Jul	44.9	44.0	35.7	44.9	43.0	35.0	44.9	35.5	29.3	44.9	44.1	35.8	44.9	43.9	35.6	44.9	41.9	34.0	103.2	103.1	97.5	103.5	103.4	97.8	87.4	87.4	82.6
2026	Aug	33.0	32.4	29.3	33.0	31.7	28.7	33.0	26.5	24.3	33.0	32.5	29.3	33.0	32.3	29.2	33.0	30.9	27.9	47.5	47.4	42.3	50.2	50.2	44.8	44.4	44.4	39.6
2026	Sep	37.5	36.7	35.3	37.5	35.9	34.5	37.5	29.5	28.5	37.5	36.8	35.3	37.5	36.7	35.2	37.5	35.0	33.6	26.0	25.8	24.7	28.1	28.0	26.8	22.5	22.5	21.5
2026	Oct	32.8	32.0	34.0	32.8	31.0	33.0	32.8	23.8	25.3	32.8	32.3	34.3	32.8	32.1	34.2	32.8	30.7	32.6	20.5	20.4	20.2	22.9	22.8	22.5	17.6	17.5	17.4
2026	Nov	27.4	26.9	28.1	27.4	26.3	27.5	27.4	22.0	23.0	27.4	26.9	28.1	27.4	26.8	28.0	27.4	25.6	26.7	17.3	17.3	17.3	20.0	20.0	20.0	14.7	14.7	14.6
2026	Dec	19.6	19.4	20.1	19.6	19.0	19.8	19.6	16.6	17.3	19.6	19.3	20.1	19.6	19.2	20.0	19.6	18.3	19.1	15.1	15.1	15.1	17.5	17.5	17.5	11.7	11.7	11.7
2027	Jan	17.0	16.8	17.6	17.0	16.6	17.4	17.0	15.0	15.7	17.0	16.7	17.5	17.0	16.7	17.4	17.0	15.9	16.6	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7
2027	Feb	17.2	17.0	19.3	17.2	16.8	19.1	17.2	15.3	17.1	17.2	16.9	19.2	17.2	16.8	19.1	17.2	16.1	18.3	9.1	9.1	9.1	10.9	10.9	10.9	7.0	7.0	7.0
2027	Mar	20.5	20.3	42.3	20.5	20.2	41.6	20.5	18.8	35.6	20.5	20.1	42.3	20.5	20.1	42.2	20.5	19.2	40.3	12.1	12.1	20.1	14.2	14.1	23.6	8.7	8.7	14.4
2027	Apr	46.0	45.6	66.1	46.0	45.1	63.3	46.0	41.6	41.9	46.0	45.2	67.4	46.0	45.1	67.2	46.0	43.2	64.1	20.5	20.4	47.5	23.2	23.1	53.8	14.1	14.1	32.8
2027	May	61.4	59.8	40.3	61.4	58.2	39.6	61.4	45.3	33.6	61.4	60.3	40.3	61.4	60.1	40.2	61.4	57.4	38.4	68.2	68.0	45.9	70.6	70.5	47.5	49.6	49.6	33.4
2027	Jun	37.5	36.7	25.8	37.5	35.8	25.2	37.5	28.9	21.3	37.5	36.8	25.8	37.5	37.5	25.7	37.5	35.0	24.5	124.9	124.7	95.3	123.5	123.3	94.2	93.8	93.8	71.7
2027	Jul	73.0	71.3	63.8	73.0	69.5	62.2	73.0	55.4	50.1	73.0	71.7	64.1	73.0	71.5	63.9	73.0	68.2	61.0	103.2	103.1	97.5	103.5	103.4	97.8	87.4	87.4	82.7
2027	Aug	27.9	27.4	26.5	27.9	26.9	26.0	27.9	22.7	22.6	27.9	27.4	26.4	27.9	27.3	26.3	27.9	26.1	25.1	47.5	47.4	42.3	50.2	50.2	44.7	44.4	44.4	39.6
2027	Sep	29.2	28.4	28.5	29.2	27.6	28.0	29.2	21.2	23.6	29.2	28.7	28.5	29.2	28.6	28.4	29.2	27.3	27.2	26.0	25.8	24.9	28.1	28.0	26.9	22.5	22.5	21.6
2027	Oct	32.0	30.8	33.1	32.0	29.5	32.0	32.0	19.5	23.2	32.0	31.4	33.5	32.0	31.3	33.4	32.0	29.8	31.9	20.3	20.2	20.1	22.6	22.5	22.4	17.3	17.3	17.2
2027	Nov	19.1	18.8	19.3	19.1	18.4	18.9	19.1	15.8	16.2	19.1	18.8	19.3	19.1	18.7	19.2	19.1	17.8	18.3	17.1	17.1	17.1	19.9	19.9	19.9	14.4	14.4	14.5
2027	Dec	15.1	14.8	14.9	15.1	14.5	14.6	15.1	12.3	12.3	15.1	14.8	14.9	15.1	14.8	14.9	15.1	14.1	14.1	15.1	15.0	15.1	17.6	17.6	17.6	11.7	11.7	11.7
2028	Jan	15.1	14.8	14.7	15.1	14.4	14.4	15.1	11.8	11.8	15.1	14.8	14.8	15.1	14.7	14.7	15.1	14.0	14.0	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7
2028	Feb	14.3	14.1	14.1	14.3	13.8	13.8	14.3	11.5	11.6	14.3	14.1	14.1	14.3	14.0	14.0	14.3	13.4	13.4	9.4	9.4	9.4	11.3	11.3	11.4	7.3	7.3	7.3
2028	Mar	19.6	19.3	29.5	19.6	19.0	28.8	19.6	16.3	23.5	19.6	19.3	29.6	19.6	19.2	29.5	19.6	18.3	28.2	12.1	12.1	19.5	14.2	14.2	22.9	8.7	8.7	14.0
2028	Apr	40.3	39.4	96.7	40.3	38.4	93.3	40.3	30.5	67.2	40.3	39.6	98.0	40.3	39.5	97.7	40.3	37.8	93.4	23.3	23.2	53.3	25.8	25.7	59.0	16.0	16.0	36.8
2028	May	71.0	67.8	44.6	71.0	64.4	42.8	71.0	38.0	28.8	71.0	69.7	45.4	71.0	69.5	45.3	71.0	66.3	43.2	76.8	76.6	52.1	79.3	79.1	53.8	56.4	56.4	38.3
2028	Jun	81.7	78.6	76.8	81.7	75.3	74.7	81.7	49.5	57.9	81.7	80.3	77.2	81.7	80.0	72.2	81.7	76.4	73.8	130.0	129.7	99.0	128.7	128.6	98.1	98.0	98.0	74.8
2028	Jul	76.0	73.6	64.5	76.0	70.9	62.2	76.0	50.6	44.9	76.0	74.7	65.4	76.0	74.4	65.2	76.0	71.1	62.2	99.9	99.8	94.7	100.2	100.1	95.0	84.3	84.3	80.0
2028	Aug	36.8	35.8	32.0	36.8	34.6	31.0	36.8	26.0	23.7	36.8	36.1	32.3	36.8	36.0	32.2	36.8	34.4	30.7	43.7	43.7	40.5	46.4	46.4	43.0	40.7	40.7	37.8
2028	Sep	36.9	35.9	35.9	36.9	34.7	34.7	36.9	25.9	25.8	36.9	36.3	36.3	36.9	36.2	36.1	36.9	34.5	34.5	25.5	25.3	24.7	27.5	27.3	26.6	21.6	21.6	21.0
2028	Oct	25.0	24.0	25.1	25.0	22.9	24.0	25.0	14.2	15.4	25.0	24.6	25.7	25.0	24.5	25.6	25.0	23.3	24.4	20.0	19.9	19.9	22.4	22.3	22.3	17.3	17.2	17.3
2028	Nov	16.4	16.0	16.3	16.4	15.5	15.8	16.4	11.8	12.2	16.4	16.1	16.4	16.4	16.4	16.4	16.4	15.3	15.6	17.1	17.1	17.2	19.9	19.8	19.9	14.4	14.4	14.5
2028	Dec	15.7	15.4	15.7	15.7	15.1	15.4	15.7	12.6	12.9	15.7	15.4	15.7	15.7	15.4	15.7	15.7	14.7	14.9	14.8	14.8	14.8	17.3	17.3	17.3	11.5	11.5	11.5
2029	Jan	15.4	15.1	15.7	15.4	14.9	15.4	15.4	12.7	13.2	15.4	15.1	15.6	15.4	15.1	15.6	15.4	14.4	14.9	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6
2029	Feb	13.6	13.3	13.3	13.6	13.0	13.0	13.6	10.6	10.8	13.6	13.4	13.3	13.6	13.3	13.3	13.6	12.7	12.6	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2029	Mar	29.4	28.7	56.2	29.4	28.0	54.4	29.4	22.0	40.9	29.4	28.9	56.8	29.4	28.8	56.6	29.4	27.5	54.1	12.1	12.1	20.9	14.2	14.1	24.5	8.7	8.7	15.0
2029	Apr	53.9	52.4	102.5	53.9	50.9	99.4	53.9	38.7	76.1	53.9	53.0	103.5	53.9	52.8	103.1	53.9	50.5	98.6	23.2	23.2	53.7	25.7	25.7	59.5	16.0	16.0	37.2
2029	May	77.9	74.6	45.3	77.9	71.0	44.0	77.9	43.5	33.8	77.9	76.5	45.7	77.9	76.3	45.6	77.9	72.8	43.5	76.8	76.6	50.7	79.3	79.1	52.4	56.4	56.4	37.3
2029	Jun	38.4	37.2	26.6	38.4	36.0	25.9	38.4	26.6	20.0	38.4	37.7	26.9	38.4	37.6	26.8	38.4	35.9	25.6	130.0	129.7	98.8	128.7	128.6	97.9	98.0	98.0	74.6
2029	Jul	20.6	20.2	16.6	20.6	19.7	16.3	20.6	16.1	13.7	20.6	20.2	16.6	20.6	20.2	16.6	20.6	19.2	15.8	99.9	99.8	94.5	100.2	100.1	94.8	84.3	84.3	79.8
2029	Aug	16.9	16.6	15.7	16.9	16.3	15.4	16.9	13.8	13.2	16.9	16.6	15.7	16.9	16.5	15.6	16.9	15.8	14.9	43.8	43.7	38.8	46.5	46.4	41.2	40.7	40.7	36.2
2029	Sep	16.0	15.8	15.0	16.0	15.5	14.7	16.0	13.1	12.7	16.0	15.8	15.0	16.0	15.7	14.9	16.0	15.0	14.2	25.0	24.8	24.2	27.1	27.0	26.3	21.4	21.4	20.8
2029	Oct	28.3	27.2	26.5	28.3	26.0	25.0	28.3	16.9	13.9	28.3	27.7	27.3	28.3	27.7	27.2	28.3	26.4	25.9	20.1	19.9	20.1	22.4	22.2	22.5	17.0	17.0	17.1
2029	Nov	22.2	21.5	21.1	22.2	20.8	20.5	22.2	15.5	15.4	22.2	21.8	21.3	22.2	21.7	21.3	22.2	20.7	20.3	17.1	17.1	17.2	19.8	19.7	19.9	14.3	14.3	14.4
2029	Dec	17.1	16.7	17.1	17.1	16.3	16.7	17.1	13.1	13.5	17																	

Table 10-C.4: Projected Mean Monthly Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032	Sep	33.8	32.8	31.8	33.8	31.7	30.7	33.8	23.2	22.7	33.8	33.2	32.2	33.8	33.1	32.1	33.8	31.6	30.6	26.3	26.1	26.1	28.4	28.2	28.3	22.5	22.5	22.5
2032	Oct	41.4	39.9	43.4	41.4	38.2	41.5	41.4	25.4	26.3	41.4	40.7	44.4	41.4	40.6	44.3	41.4	38.7	42.3	20.0	19.9	20.3	22.4	22.3	22.8	17.3	17.2	17.7
2032	Nov	22.7	22.0	22.3	22.7	21.3	21.4	22.7	15.7	13.9	22.7	22.2	22.8	22.7	22.2	22.7	22.7	21.1	21.7	17.1	17.1	17.3	19.9	19.8	20.1	14.4	14.4	14.6
2032	Dec	15.6	15.3	15.4	15.6	14.9	15.0	15.6	11.9	12.0	15.6	15.4	15.5	15.6	15.3	15.4	15.6	14.6	14.7	15.1	15.0	15.1	17.6	17.6	17.6	11.7	11.7	11.7
2033	Jan	15.0	14.7	14.8	15.0	14.4	14.5	15.0	11.9	12.0	15.0	14.7	14.8	15.0	14.7	14.8	15.0	14.0	14.1	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7
2033	Feb	13.7	13.5	13.4	13.7	13.2	13.2	13.7	11.3	11.4	13.7	13.4	13.4	13.7	13.4	13.4	13.7	12.8	12.8	9.1	9.1	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2033	Mar	16.8	16.5	40.3	16.8	16.2	38.8	16.8	13.8	27.7	16.8	16.5	40.9	16.8	16.4	40.7	16.8	15.7	38.9	12.1	12.1	22.7	14.2	14.1	26.6	8.7	8.7	16.3
2033	Apr	50.4	49.5	111.2	50.4	48.4	106.7	50.4	40.5	71.5	50.4	49.6	113.4	50.4	49.4	113.1	50.4	47.2	108.0	20.5	20.4	47.1	23.2	23.1	53.4	14.1	14.1	32.5
2033	May	133.9	129.0	93.7	133.9	123.7	90.9	133.9	82.9	68.7	133.9	131.5	94.7	133.9	131.1	94.4	133.9	125.1	90.1	68.2	67.9	43.9	70.6	70.4	45.5	49.6	49.6	32.0
2033	Jun	85.9	82.9	65.9	85.9	79.7	63.4	85.9	54.8	44.6	85.9	84.4	67.0	85.9	84.1	66.7	85.9	80.3	63.7	124.9	124.6	94.2	123.5	123.2	93.2	93.8	93.8	70.9
2033	Jul	23.2	22.6	20.5	23.2	21.9	19.9	23.2	16.9	15.5	23.2	22.7	20.7	23.2	22.7	20.6	23.2	21.6	19.7	99.9	99.8	94.6	100.2	100.1	95.0	84.3	84.3	79.9
2033	Aug	27.3	26.6	23.8	27.3	25.7	23.1	27.3	19.3	17.8	27.3	26.8	24.1	27.3	26.7	24.0	27.3	25.5	22.9	43.8	43.7	38.6	46.5	46.4	40.9	40.7	40.7	35.9
2033	Sep	22.7	22.1	21.5	22.7	21.5	20.9	22.7	16.7	16.4	22.7	22.3	21.6	22.7	22.2	21.6	22.7	21.2	20.6	25.2	25.0	25.0	27.3	27.1	27.1	21.6	21.6	21.6
2033	Oct	21.7	21.2	21.7	21.7	20.6	20.9	21.7	16.3	14.8	21.7	21.3	22.0	21.7	21.3	21.9	21.7	20.3	20.9	20.3	20.2	20.8	22.6	22.5	23.2	17.3	17.3	17.9
2033	Nov	22.9	22.2	24.9	22.9	21.5	24.0	22.9	16.2	17.7	22.9	22.5	25.2	22.9	22.4	25.1	22.9	21.4	23.9	17.1	17.1	17.3	19.9	19.9	20.1	14.4	14.4	14.6
2033	Dec	21.4	20.8	22.8	21.4	20.1	22.1	21.4	15.0	16.2	21.4	21.0	23.1	21.4	20.9	23.0	21.4	19.9	21.9	15.1	15.0	15.1	17.6	17.6	17.6	11.7	11.7	11.7
2034	Jan	15.8	15.5	16.1	15.8	15.1	15.8	15.8	12.7	13.1	15.8	15.5	16.2	15.8	15.4	16.1	15.8	14.7	15.4	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7
2034	Feb	13.6	13.3	13.5	13.6	13.1	13.3	13.6	11.4	11.6	13.6	13.3	13.4	13.6	13.3	13.4	13.6	12.7	12.8	9.1	9.1	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2034	Mar	21.4	20.9	44.4	21.4	20.5	42.8	21.4	16.8	31.0	21.4	21.0	45.0	21.4	20.9	44.8	21.4	20.0	42.9	12.1	12.1	23.2	14.2	14.1	27.1	8.7	8.7	16.6
2034	Apr	41.2	40.0	195.0	41.2	38.7	187.9	41.2	28.6	133.0	41.2	40.5	198.3	41.2	40.4	197.6	41.2	38.6	189.2	23.2	23.1	53.4	25.7	25.7	59.1	16.0	16.0	37.0
2034	May	138.9	135.1	172.4	138.9	131.0	165.3	138.9	99.1	172.4	138.9	136.5	176.5	138.9	136.1	176.1	138.9	130.0	170.0	76.8	76.5	49.2	79.3	79.1	50.8	56.4	56.4	36.2
2034	Jun	169.9	163.7	28.2	169.9	157.1	27.2	169.9	105.7	19.5	169.9	166.9	28.6	169.9	166.4	28.5	169.9	158.9	27.2	130.0	129.7	97.9	128.7	128.5	97.0	98.0	98.0	73.9
2034	Jul	57.1	55.1	32.4	57.1	53.0	31.2	57.1	36.2	22.2	57.1	56.1	32.9	57.1	56.0	32.7	57.1	53.4	31.3	99.9	99.8	94.7	100.2	100.1	95.0	84.3	84.3	79.9
2034	Aug	28.4	27.6	24.3	28.4	26.7	23.5	28.4	19.7	17.8	28.4	27.9	24.5	28.4	27.8	24.4	28.4	26.6	23.3	43.8	43.7	38.5	46.5	46.4	40.9	40.7	40.7	35.9
2034	Sep	24.6	23.9	24.1	24.6	23.1	23.3	24.6	17.4	17.4	24.6	24.1	24.4	24.6	24.1	24.3	24.6	23.0	23.2	25.2	25.0	25.2	27.3	27.1	27.3	21.6	21.6	21.7
2034	Oct	50.1	47.1	53.5	50.1	44.0	51.0	50.1	19.3	31.9	50.1	49.2	54.8	50.1	49.0	54.6	50.1	46.7	52.1	20.3	20.2	21.0	22.6	22.5	23.4	17.3	17.3	18.0
2034	Nov	116.2	111.9	120.4	116.2	107.3	115.3	116.2	71.9	76.3	116.2	114.2	122.9	116.2	113.8	122.5	116.2	108.6	116.9	17.1	17.1	17.4	19.9	19.9	20.1	14.4	14.4	14.7
2034	Dec	21.6	21.0	21.3	21.6	20.3	20.6	21.6	15.0	15.2	21.6	21.2	21.5	21.6	21.2	21.4	21.6	20.2	20.4	14.8	14.8	14.8	17.3	17.3	17.4	11.5	11.5	11.5
2035	Jan	15.2	14.9	14.9	15.2	14.5	14.6	15.2	12.0	12.1	15.2	14.9	14.9	15.2	14.8	14.9	15.2	14.1	14.2	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6
2035	Feb	13.7	13.5	14.0	13.7	13.2	13.7	13.7	11.1	11.6	13.7	13.5	14.0	13.7	13.4	14.0	13.7	12.8	13.3	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2035	Mar	16.2	16.0	38.3	16.2	15.7	37.0	16.2	13.6	26.9	16.2	16.0	38.8	16.2	15.9	38.7	16.2	15.2	37.0	12.1	12.1	23.6	14.2	14.1	27.7	8.7	8.7	17.0
2035	Apr	44.8	43.5	184.6	44.8	42.0	176.9	44.8	30.7	117.9	44.8	44.1	189.0	44.8	43.9	188.6	44.8	42.0	182.2	23.2	23.1	53.2	25.7	25.7	59.0	16.0	16.0	36.9
2035	May	127.1	122.1	66.4	127.1	116.7	63.7	127.1	75.1	43.2	127.1	124.8	67.8	127.1	124.4	67.6	127.1	118.8	64.9	76.9	76.6	48.9	79.3	79.1	50.5	56.4	56.4	36.0
2035	Jun	69.7	67.2	23.5	69.7	64.4	22.8	69.7	43.1	17.5	69.7	68.5	23.7	69.7	68.3	23.6	69.7	65.2	22.5	130.0	129.8	97.8	128.7	128.5	96.9	98.0	98.0	73.8
2035	Jul	26.0	25.3	18.4	26.0	24.6	18.0	26.0	18.6	14.6	26.0	25.6	18.5	26.0	25.5	18.4	26.0	24.3	17.6	99.9	99.8	94.7	100.2	100.1	95.0	84.3	84.3	80.0
2035	Aug	21.6	21.1	18.4	21.6	20.5	18.0	21.6	16.3	14.8	21.6	21.2	18.5	21.6	21.2	18.4	21.6	20.2	17.6	43.8	43.7	38.4	46.5	46.4	40.8	40.7	40.7	35.8
2035	Sep	33.1	32.1	30.8	33.1	30.9	29.6	33.1	22.1	20.3	33.1	32.5	31.4	33.1	32.4	31.3	33.1	31.0	29.9	25.0	24.8	25.1	27.1	27.0	27.3	21.4	21.4	21.6
2035	Oct	26.1	25.0	26.4	26.1	23.8	25.2	26.1	14.7	15.7	26.1	25.6	27.0	26.1	25.5	26.9	26.1	24.4	25.7	20.1	19.9	20.9	22.4	22.2	23.3	17.0	17.0	17.8
2035	Nov	21.1	20.4	22.1	21.1	19.7	21.3	21.1	14.2	15.1	21.1	20.7	22.4	21.1	20.6	22.3	21.1	19.6	21.3	17.1	17.1	17.4	19.8	19.7	20.1	14.3	14.3	14.6
2035	Dec	15.2	14.9	15.1	15.2	14.6	14.7	15.2	11.9	12.0	15.2	14.9	15.1	15.2	14.9	15.1	15.2	14.2	14.4	14.8	14.8	14.8	17.3	17.3	17.4	11.5	11.5	11.5
2036	Jan	15.2	15.0	15.3	15.2	14.7	15.0	15.2	12.6	12.8	15.2	15.0	15.3	15.2	14.9	15.2	15.2	14.2	14.5	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6
2036	Feb	14.1	13.9	13.8	14.1	13.6	13.6	14.1	11.5	11.5	14.1	13.9	13.8	14.1	13.8	13.8	14.1	13.2	13.1	9.4	9.3	9.4	11.3	11.3	11.4	7.2	7.2	7.3
2036	Mar	19.0	18.6	42.9	19.0	18.2	41.4	19.0	15.1	30.3	19.0	18.7	43.5	19.0	18.6	43.4	19.0	17.8	41.7	12.7	12.7	24.3	14.7	14.7	28.0	8.9	8.9	17.1
2036	Apr	32.5	31.7	120.9	32.5	30.8	115.6	32.5	24.2	74.7	32.5	32.1	125.5	32.5	32.1	125.6	32.5	31.4	125.7	25.5	25.5	57.8	28.1	28.0	63.7	17.6	17.6	40.1
2036	May	109.6	105.4	47.0	109.6																							

Table 10-C.4: Projected Mean Monthly Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)			
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	
2039	Feb	13.6	13.4	13.4	13.6	13.1	13.2	13.6	11.1	11.3	13.6	13.5	13.6	13.6	13.5	13.6	13.6	13.4	13.5	9.1	9.1	9.0	10.9	10.9	10.9	7.0	7.0	7.0	
2039	Mar	24.7	24.1	54.1	24.7	23.5	52.2	24.7	18.8	38.0	24.7	24.7	55.9	24.7	24.7	56.0	24.7	25.0	57.0	12.1	12.1	25.6	14.2	14.1	30.0	8.7	8.7	18.4	
2039	Apr	41.2	40.1	58.1	41.2	38.9	54.7	41.2	30.0	28.0	41.2	41.3	61.1	41.2	41.4	61.1	41.2	42.1	60.8	20.5	20.4	46.5	23.2	23.1	52.7	14.1	14.1	32.1	
2039	May	41.0	39.3	28.6	41.0	37.5	27.7	41.0	23.7	20.5	41.0	40.7	29.2	41.0	40.7	29.1	41.0	40.1	28.6	68.2	68.0	42.2	70.6	70.5	43.8	49.6	49.6	30.8	
2039	Jun	42.2	40.7	26.6	42.2	39.2	25.8	42.2	26.9	18.8	42.2	41.9	27.2	42.2	41.9	27.2	42.2	41.4	26.5	124.9	124.6	93.3	123.5	123.3	92.3	93.8	93.8	70.2	
2039	Jul	40.2	38.8	31.1	40.2	37.4	30.0	40.2	26.0	21.3	40.2	39.9	31.8	40.2	39.9	31.8	40.2	39.3	31.1	99.9	99.8	94.9	100.2	100.1	95.2	84.3	84.3	80.1	
2039	Aug	68.4	66.0	52.4	68.4	63.5	50.5	68.4	44.0	35.5	68.4	68.0	53.9	68.4	68.0	53.9	68.4	67.5	53.3	43.8	43.7	38.2	46.5	46.4	40.5	40.7	40.7	35.6	
2039	Sep	52.9	51.0	50.5	52.9	48.9	48.4	52.9	32.9	32.5	52.9	52.6	52.1	52.9	52.6	52.1	52.9	52.1	51.6	25.2	25.0	26.0	27.3	27.1	28.2	21.6	21.6	22.4	
2039	Oct	36.7	35.5	39.3	36.7	34.1	37.8	36.7	23.8	26.1	36.7	36.4	40.4	36.7	36.3	40.4	36.7	35.7	39.8	20.3	20.2	21.6	22.6	22.5	24.1	17.3	17.3	18.5	
2039	Nov	22.7	22.1	24.3	22.7	21.4	23.6	22.7	16.2	17.6	22.7	22.6	24.9	22.7	22.6	24.9	22.7	22.5	24.9	17.1	17.1	17.6	19.9	19.9	20.4	14.4	14.4	14.8	
2039	Dec	21.6	21.0	22.4	21.6	20.3	21.6	21.6	15.1	15.9	21.6	21.4	22.9	21.6	21.4	22.9	21.6	21.2	22.7	15.1	15.0	15.1	17.6	17.6	17.7	11.7	11.7	11.7	
2040	Jan	32.7	31.8	35.2	32.7	30.9	34.2	32.7	23.5	26.6	32.7	32.6	36.0	32.7	32.6	36.0	32.7	32.5	35.9	11.4	11.4	11.4	13.7	13.7	13.7	8.7	8.7	8.7	
2040	Feb	32.3	31.3	35.7	32.3	30.2	34.4	32.3	21.5	24.1	32.3	32.3	36.8	32.3	32.3	36.8	32.3	32.2	36.9	9.4	9.4	9.5	11.3	11.3	11.4	7.3	7.3	7.3	
2040	Mar	23.6	23.1	45.2	23.6	22.5	43.5	23.6	18.0	30.8	23.6	23.6	46.8	23.6	23.6	46.9	23.6	23.8	47.5	12.1	12.1	25.0	14.2	14.2	29.3	8.7	8.7	17.9	
2040	Apr	28.2	27.6	45.8	28.2	27.0	43.7	28.2	22.5	27.2	28.2	28.3	47.7	28.2	28.3	47.7	28.2	28.8	47.7	23.3	23.2	52.1	25.8	25.7	57.7	16.0	16.0	36.0	
2040	May	55.7	53.2	31.4	55.7	50.5	30.3	55.7	29.6	21.7	55.7	55.4	32.1	55.7	55.4	32.1	55.7	54.8	31.5	76.9	76.7	48.0	79.3	79.2	49.5	56.4	56.4	35.2	
2040	Jun	112.1	109.3	82.5	112.1	106.2	80.1	112.1	82.5	61.8	112.1	111.7	84.3	112.1	111.7	84.3	112.1	111.4	83.8	130.0	129.8	97.0	128.7	128.6	96.1	98.0	98.0	73.2	
2040	Jul	43.4	42.0	35.6	43.4	40.5	34.4	43.4	28.9	24.8	43.4	43.1	36.5	43.4	43.0	36.4	43.4	42.5	35.8	99.9	99.8	95.3	100.2	100.1	95.6	84.3	84.3	80.5	
2040	Aug	46.3	44.8	37.6	46.3	43.0	36.2	46.3	29.8	25.5	46.3	46.0	38.6	46.3	46.0	38.5	46.3	45.5	38.0	43.8	43.7	40.5	46.4	46.4	43.0	40.7	40.7	37.7	
2040	Sep	83.4	80.7	100.5	83.4	77.8	98.1	83.4	55.5	79.5	83.4	83.0	102.4	83.4	83.0	102.4	83.4	82.6	102.2	25.3	25.1	26.5	27.4	27.2	28.8	21.4	21.4	22.6	
2040	Oct	89.1	84.8	86.6	89.1	80.1	80.7	89.1	44.0	35.8	89.1	88.7	91.5	89.1	88.7	91.5	89.1	88.2	90.9	19.8	19.6	21.0	22.1	22.0	23.5	17.0	16.9	18.1	
2040	Nov	23.0	22.3	23.3	23.0	21.6	22.5	23.0	16.0	16.3	23.0	22.8	23.9	23.0	22.8	23.9	23.0	22.6	23.7	17.1	17.1	17.5	19.7	19.7	20.3	14.3	14.3	14.7	
2040	Dec	16.6	16.1	16.6	16.6	15.7	16.1	16.6	11.9	12.2	16.6	16.4	16.9	16.6	16.4	16.9	16.6	16.1	16.6	14.8	14.8	14.9	17.3	17.3	17.4	11.5	11.5	11.6	
2041	Jan	15.4	15.2	15.8	15.4	14.9	15.5	15.4	12.5	12.9	15.4	15.4	16.1	15.4	15.4	16.1	15.4	15.3	16.0	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6	
2041	Feb	13.4	13.2	14.0	13.4	12.9	13.6	13.4	10.6	11.1	13.4	13.3	14.2	13.4	13.3	14.2	13.4	13.2	14.1	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0	
2041	Mar	15.3	15.0	23.9	15.3	14.8	23.3	15.3	12.5	18.7	15.3	15.2	24.5	15.3	15.2	24.5	15.3	15.2	24.9	12.7	12.7	28.0	14.7	14.6	32.3	8.9	8.9	19.7	
2041	Apr	44.8	43.6	146.8	44.8	42.4	142.4	44.8	32.7	108.1	44.8	44.9	150.7	44.8	45.0	150.9	44.8	45.7	151.5	25.5	25.4	57.6	28.0	28.0	63.5	17.6	17.6	40.0	
2041	May	106.9	101.9	40.6	106.9	96.4	39.1	106.9	54.3	27.4	106.9	106.6	41.8	106.9	106.6	41.7	106.9	106.4	41.2	78.4	78.2	47.9	80.9	80.8	49.5	57.6	57.6	35.3	
2041	Jun	67.1	64.9	40.8	67.1	62.6	39.4	67.1	44.5	28.5	67.1	66.7	41.8	67.1	66.7	41.7	67.1	66.2	41.1	124.1	123.9	92.4	123.4	123.2	91.9	94.9	94.9	70.7	
2041	Jul	25.3	24.5	22.3	25.3	23.8	21.6	25.3	17.7	16.3	25.3	25.0	22.7	25.3	25.0	22.7	25.3	24.3	21.9	90.1	90.1	85.7	91.2	91.1	86.7	77.8	77.8	74.0	
2041	Aug	22.9	22.3	19.6	22.9	21.6	19.1	22.9	16.6	15.0	22.9	22.6	19.9	22.9	22.6	19.8	22.9	22.0	19.2	40.1	40.0	34.8	42.9	42.8	37.3	37.6	37.6	32.8	
2041	Sep	31.4	30.5	30.9	31.4	29.5	29.9	31.4	21.9	22.3	31.4	31.1	31.5	31.4	31.1	31.5	31.4	30.6	30.9	25.0	24.8	26.1	27.1	27.0	28.4	21.4	21.4	22.5	
2041	Oct	22.9	22.0	23.0	22.9	21.1	21.7	22.9	13.6	11.7	22.9	22.6	24.0	22.9	22.6	24.0	22.9	22.0	23.3	20.1	20.0	21.6	22.4	22.2	24.0	17.0	17.0	18.3	
2041	Nov	88.2	86.2	97.2	88.2	83.9	94.5	88.2	66.8	73.2	88.2	88.1	99.6	88.2	88.1	99.6	88.2	88.2	99.6	17.1	17.1	17.6	19.8	19.7	20.4	14.3	14.3	14.8	
2041	Dec	18.9	18.4	18.8	18.9	17.9	18.2	18.9	13.7	13.9	18.9	18.8	19.1	18.9	18.8	19.1	18.9	18.6	19.0	14.8	14.8	14.9	17.3	17.3	17.4	11.5	11.5	11.6	
2042	Jan	15.1	14.7	15.3	15.1	14.4	14.9	15.1	11.6	12.0	15.1	14.9	15.5	15.1	14.9	15.5	15.1	14.8	15.3	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6	
2042	Feb	13.5	13.3	13.3	13.5	13.0	13.0	13.5	10.7	10.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.3	13.4	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2042	Mar	54.4	52.6	147.0	54.4	50.7	142.4	54.4	35.7	106.9	54.4	54.4	151.5	54.4	54.4	151.7	54.4	54.8	153.5	12.7	12.7	28.5	14.7	14.6	32.9	8.9	8.9	20.1	
2042	Apr	53.3	51.6	80.6	53.3	49.9	76.7	53.3	36.2	47.0	53.3	53.3	83.9	53.3	53.3	84.0	53.3	54.1	84.0	25.5	25.4	57.2	28.0	28.0	63.0	17.6	17.6	39.7	
2042	May	119.2	113.7	57.7	119.2	107.6	55.4	119.2	61.2	37.8	119.2	118.8	59.4	119.2	118.8	59.4	119.2	118.4	58.9	78.4	78.2	47.5	80.9	80.8	49.1	57.6	57.6	35.0	
2042	Jun	62.6	60.4	40.9	62.6	58.0	39.3	62.6	39.6	26.9	62.6	62.3	42.0	62.6	62.3	42.0	62.6	61.8	41.4	124.1	123.9	92.2	123.4	123.2	91.7	94.9	94.9	70.6	
2042	Jul	20.3	19.8	18.2	20.3	19.2	17.7	20.3	15.0	13.8	20.3	20.0	18.4	20.3	20.0	18.3	20.3	19.3	17.6	90.1	90.1	85.7	91.2	91.1	86.7	77.8	77.8	74.0	
2042	Aug	15.1	14.8	14.6	15.1	14.5	14.3	15.1	12.4	12.1	15.1	14.8	14.6	15.1	14.8	14.6	15.1	14.1	13.9	39.4	39.3	34.2	42.2	42.1	36.6	37.0	37.0	32.1	
2042	Sep	17.3	16.8	17.6	17.3	16.3	17.2	17.3	12.4	14.0	17.3	17.1	17.8	17.3	17.0	17.7	17.3	16.4	17.2	24.3	24.1	25.5	26.4	26.3	27.8	20.7	20.7	21.9	
2042	Oct	35.4	34.2	40.8	35.4	32.9	39.1	35.4																					

Table 10-C.4: Projected Mean Monthly Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2045	Jul	34.7	33.6	30.9	34.7	32.3	29.8	34.7	23.0	21.4	34.7	34.4	31.6	34.7	34.4	31.6	34.7	33.8	31.0	99.9	99.8	95.1	100.2	100.1	95.4	84.3	84.3	80.3
2045	Aug	27.6	26.8	24.1	27.6	25.9	23.4	27.6	19.0	17.4	27.6	27.3	24.6	27.6	27.3	24.5	27.6	26.7	23.9	43.8	43.7	37.8	46.5	46.4	40.1	40.7	40.7	35.2
2045	Sep	56.1	54.3	59.1	56.1	52.4	57.1	56.1	37.4	41.8	56.1	55.8	60.6	56.1	55.8	60.6	56.1	55.3	60.1	25.2	25.0	27.0	27.3	27.1	29.3	21.6	21.6	23.3
2045	Oct	30.7	29.5	32.6	30.7	28.2	31.2	30.7	17.9	20.3	30.7	30.4	33.6	30.7	30.4	33.6	30.7	29.8	33.0	20.3	20.2	22.2	22.6	22.5	24.8	17.3	17.3	19.0
2045	Nov	31.1	30.0	33.5	31.1	28.8	31.6	31.1	19.5	16.9	31.1	30.9	35.1	31.1	30.9	35.1	31.1	30.5	34.7	17.1	17.1	17.9	19.9	19.9	20.8	14.4	14.4	15.1
2045	Dec	18.1	17.6	18.5	18.1	17.1	17.9	18.1	12.8	13.3	18.1	18.0	18.9	18.1	18.0	18.9	18.1	17.7	18.7	14.8	14.8	14.9	17.3	17.3	17.5	11.5	11.5	11.6
2046	Jan	16.0	15.6	16.6	16.0	15.2	16.1	16.0	12.1	12.7	16.0	15.9	16.9	16.0	15.9	16.9	16.0	15.7	16.7	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6
2046	Feb	13.6	13.3	14.7	13.6	12.9	14.3	13.6	10.4	11.4	13.6	13.5	15.0	13.6	13.5	15.0	13.6	13.3	14.9	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2046	Mar	15.8	15.5	51.8	15.8	15.1	49.8	15.8	12.5	34.0	15.8	15.7	53.8	15.8	15.7	53.8	15.8	15.7	54.3	12.1	12.1	29.6	14.2	14.1	34.7	8.7	8.7	21.2
2046	Apr	18.2	17.9	139.7	18.2	17.5	133.2	18.2	14.4	82.6	18.2	18.2	145.6	18.2	18.2	145.7	18.2	18.3	146.3	23.2	23.2	50.9	25.7	25.7	56.4	16.0	16.0	35.2
2046	May	109.0	106.3	60.3	109.0	103.4	58.0	109.0	81.0	40.1	109.0	108.9	62.1	109.0	109.1	62.1	109.0	109.7	61.6	76.8	76.7	45.1	79.3	79.1	46.5	56.4	56.4	33.1
2046	Jun	105.8	102.0	33.5	105.8	97.8	32.3	105.8	65.8	22.8	105.8	105.4	34.3	105.8	105.4	34.3	105.8	105.0	33.7	130.0	129.8	95.9	128.7	128.6	95.0	98.0	98.0	72.4
2046	Jul	33.4	32.3	22.4	33.4	31.2	21.7	33.4	22.3	16.2	33.4	33.1	22.8	33.4	33.1	22.7	33.4	32.5	22.1	99.9	99.8	95.1	100.2	100.1	95.4	84.3	84.3	80.3
2046	Aug	21.3	20.7	18.8	21.3	20.1	18.2	21.3	15.1	13.9	21.3	21.0	19.0	21.3	21.0	19.0	21.3	20.4	18.3	43.8	43.7	37.7	46.5	46.4	40.1	40.7	40.7	35.2
2046	Sep	25.4	24.7	23.5	25.4	23.9	22.8	25.4	18.1	17.3	25.4	25.1	23.9	25.4	25.1	23.9	25.4	24.5	23.3	25.0	24.8	27.0	27.1	27.0	29.3	21.4	21.4	23.2
2046	Oct	54.3	52.4	65.3	54.3	50.3	62.6	54.3	34.4	41.7	54.3	54.0	67.4	54.3	54.0	67.4	54.3	53.5	67.0	20.1	20.0	22.1	22.4	22.2	24.6	17.0	17.0	18.8
2046	Nov	30.6	29.7	39.0	30.6	28.7	37.8	30.6	21.2	28.2	30.6	30.4	40.0	30.6	30.4	40.0	30.6	30.2	39.8	17.1	17.1	17.9	19.8	19.7	20.7	14.3	14.3	15.1
2046	Dec	23.2	22.5	25.9	23.2	21.7	24.9	23.2	15.9	17.9	23.2	23.1	26.6	23.2	23.1	26.6	23.2	22.9	26.4	14.8	14.8	14.9	17.3	17.3	17.5	11.5	11.5	11.6
2047	Jan	21.0	20.4	22.8	21.0	19.8	22.0	21.0	14.7	16.1	21.0	20.9	23.4	21.0	20.9	23.4	21.0	20.8	23.3	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6
2047	Feb	14.2	13.9	15.2	14.2	13.5	14.8	14.2	10.9	11.7	14.2	14.1	15.5	14.2	14.1	15.5	14.2	14.0	15.4	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2047	Mar	18.6	18.2	146.8	18.6	17.8	142.1	18.6	14.3	106.3	18.6	18.6	150.9	18.6	18.6	151.0	18.6	18.6	151.6	12.7	12.7	31.8	14.7	14.6	36.7	8.9	8.9	22.4
2047	Apr	53.3	52.2	174.8	53.3	51.0	168.1	53.3	42.1	117.0	53.3	53.4	180.6	53.3	53.5	180.8	53.3	54.2	181.5	25.5	25.4	55.5	28.0	28.0	61.1	17.6	17.6	38.5
2047	May	140.1	134.5	44.4	140.1	128.4	42.7	140.1	81.1	29.5	140.1	139.7	45.7	140.1	139.8	45.7	140.1	139.6	45.1	78.3	78.1	45.6	80.9	80.8	47.1	57.6	57.6	33.6
2047	Jun	158.8	154.6	44.4	158.8	150.0	42.7	158.8	114.6	29.2	158.8	158.4	45.7	158.8	158.4	45.7	158.8	158.2	45.1	124.0	123.8	91.3	123.4	123.2	90.9	94.9	94.9	69.9
2047	Jul	51.3	49.5	39.2	51.3	47.5	37.6	51.3	32.2	25.7	51.3	51.0	40.3	51.3	51.0	40.3	51.3	50.4	39.6	90.1	90.0	85.8	91.2	91.1	86.9	77.8	77.8	74.2
2047	Aug	30.3	29.4	26.1	30.3	28.3	25.2	30.3	20.3	18.4	30.3	30.0	26.6	30.3	30.0	26.6	30.3	29.4	25.9	40.0	39.9	34.4	42.9	42.8	36.9	37.6	37.6	32.4
2047	Sep	20.0	19.5	19.2	20.0	19.0	18.6	20.0	14.9	14.6	20.0	19.8	19.4	20.0	19.8	19.4	20.0	19.2	18.8	24.9	24.8	27.1	27.1	27.0	29.5	21.4	21.4	23.3
2047	Oct	44.1	42.7	56.2	44.1	41.2	53.3	44.1	29.8	30.6	44.1	43.8	58.6	44.1	43.8	58.6	44.1	43.2	58.1	20.0	19.9	22.1	22.4	22.2	24.7	17.0	17.0	18.8
2047	Nov	51.7	49.5	59.9	51.7	47.1	56.0	51.7	28.4	25.3	51.7	51.5	63.4	51.7	51.6	63.4	51.7	51.4	63.2	17.1	17.0	18.0	19.8	19.7	20.8	14.3	14.3	15.1
2047	Dec	24.8	24.0	27.4	24.8	23.1	26.3	24.8	16.4	18.4	24.8	24.6	28.2	24.8	24.4	28.2	24.8	24.4	27.9	14.8	14.7	14.9	17.3	17.3	17.5	11.5	11.5	11.6
2048	Jan	16.0	15.6	16.2	16.0	15.2	15.7	16.0	12.0	12.3	16.0	15.8	16.5	16.0	15.8	16.4	16.0	15.7	16.3	11.1	11.1	11.1	13.4	13.4	13.4	8.6	8.6	8.6
2048	Feb	14.0	13.7	14.0	14.0	13.4	13.7	14.0	11.1	11.4	14.0	14.0	14.3	14.0	14.0	14.3	14.0	13.9	14.2	9.3	9.3	9.4	11.3	11.3	11.4	7.2	7.2	7.3
2048	Mar	24.4	23.7	63.8	24.4	23.0	61.3	24.4	17.7	42.2	24.4	24.4	66.1	24.4	24.4	66.1	24.4	24.5	66.9	12.7	12.7	31.2	14.7	14.7	36.1	8.9	8.9	22.0
2048	Apr	42.4	41.1	92.3	42.4	39.6	87.0	42.4	28.6	46.4	42.4	42.4	96.9	42.4	42.5	97.0	42.4	43.0	97.2	25.5	25.5	54.2	28.1	28.0	59.7	17.6	17.6	37.6
2048	May	107.5	103.4	49.8	107.5	99.1	48.0	107.5	65.5	34.4	107.5	107.1	51.1	107.5	107.2	51.1	107.5	107.0	50.5	86.1	85.9	50.4	87.5	87.3	51.3	62.6	62.6	36.7
2048	Jun	115.6	111.7	81.9	115.6	107.6	79.9	115.6	75.6	64.3	115.6	115.2	83.4	115.6	115.2	83.4	115.6	114.8	83.0	125.2	125.0	92.1	124.3	124.1	91.4	96.5	96.5	71.0
2048	Jul	37.5	36.2	34.7	37.5	34.8	33.3	37.5	24.2	23.1	37.5	37.2	35.6	37.5	37.1	35.5	37.5	36.5	34.9	85.6	85.5	82.0	87.2	87.2	83.6	75.6	75.6	72.5
2048	Aug	35.8	34.7	32.1	35.8	33.4	31.0	35.8	23.9	22.5	35.8	35.5	32.8	35.8	35.5	32.8	35.8	34.9	32.2	39.3	39.2	36.3	42.1	42.1	39.0	37.0	37.0	34.2
2048	Sep	61.2	58.3	65.2	61.2	55.1	62.0	61.2	30.6	37.5	61.2	60.9	67.8	61.2	60.9	67.7	61.2	60.4	67.3	24.5	24.3	27.1	26.6	26.5	29.5	20.7	20.7	23.0
2048	Oct	43.0	40.8	45.9	43.0	38.4	44.2	43.0	19.8	30.9	43.0	42.7	47.2	43.0	42.6	47.2	43.0	42.0	46.7	19.6	19.4	21.5	22.0	21.9	24.2	16.8	16.8	18.5
2048	Nov	16.9	16.4	17.3	16.9	15.9	16.8	16.9	11.9	12.5	16.9	16.7	17.7	16.9	16.7	17.7	16.9	16.4	17.4	16.7	16.7	17.6	19.3	19.3	20.4	14.0	14.0	14.7
2048	Dec	15.0	14.6	14.7	15.0	14.2	14.3	15.0	11.0	11.1	15.0	14.8	15.0	15.0	14.8	15.0	15.0	14.5	14.7	14.3	14.3	14.5	16.8	16.7	16.9	11.0	11.0	11.2
2049	Jan	15.1	14.7	14.6	15.1	14.4	14.3	15.1	11.8	11.7	15.1	15.0	14.9	15.1	15.0	14.9	15.1	14.8	14.7	11.0	11.0	11.0	13.3	13.3	13.3	8.5	8.5	8.5
2049	Feb	13.8	13.5	13.5	13.8	13.2	13.1	13.8	10.4	10.4	13.8	13.7	13.7	13.8	13.7	13.7	13.8	13.5	13.5	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2049	Mar	15.5	15.2	63.9	15.5	14.9																						

Table 10-C.4: Projected Mean Monthly Yield (mm) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Year	Month	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
		A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2051	Dec	19.9	19.2	19.7	19.9	18.5	18.9	19.9	12.7	13.0	19.9	19.7	20.2	19.9	19.7	20.2	19.9	19.2	19.7	14.7	14.7	15.0	17.3	17.3	17.6	11.5	11.5	11.7
2052	Jan	15.0	14.6	14.6	15.0	14.2	14.2	15.0	10.9	11.0	15.0	14.8	14.9	15.0	14.8	14.9	15.0	14.5	14.6	11.1	11.0	11.0	13.4	13.4	13.4	8.6	8.6	8.6
2052	Feb	14.2	13.9	15.2	14.2	13.6	14.8	14.2	11.0	11.9	14.2	14.2	15.5	14.2	14.1	15.5	14.2	14.0	15.4	9.3	9.3	9.4	11.3	11.3	11.4	7.2	7.2	7.3
2052	Mar	22.2	21.6	105.5	22.2	21.0	102.1	22.2	16.3	76.1	22.2	22.1	108.7	22.2	22.2	108.8	22.2	22.2	109.7	12.7	12.6	33.3	14.7	14.7	38.7	8.9	8.9	23.6
2052	Apr	37.7	36.6	130.5	37.7	35.3	124.5	37.7	25.4	78.0	37.7	37.8	135.8	37.7	37.8	135.9	37.7	38.2	136.2	25.5	25.4	53.2	28.1	28.0	58.7	17.6	17.6	36.9
2052	May	128.1	123.1	48.4	128.1	117.6	46.5	128.1	75.6	31.7	128.1	127.9	49.8	128.1	128.0	49.8	128.1	128.3	49.3	78.3	78.1	44.0	81.0	80.8	45.5	57.6	57.6	32.4
2052	Jun	53.5	51.6	24.6	53.5	49.6	23.8	53.5	34.2	17.5	53.5	53.1	25.0	53.5	53.1	25.0	53.5	52.6	24.3	123.9	123.7	89.4	123.4	123.2	89.0	94.9	94.9	68.5
2052	Jul	26.5	25.7	23.1	26.5	24.9	22.3	26.5	18.4	16.7	26.5	26.2	23.4	26.5	26.2	23.4	26.5	25.5	22.7	90.0	89.9	85.4	91.2	91.1	86.5	77.8	77.8	73.9
2052	Aug	16.9	16.5	15.8	16.9	16.2	15.4	16.9	13.2	12.6	16.9	16.6	15.8	16.9	16.6	15.8	16.9	16.0	15.1	39.9	39.8	36.4	42.9	42.8	39.2	37.6	37.6	34.4
2052	Sep	15.1	14.8	15.2	15.1	14.5	14.9	15.1	12.2	12.3	15.1	14.8	15.3	15.1	14.8	15.2	15.1	14.2	14.7	25.2	25.0	28.0	27.4	27.2	30.5	21.4	21.4	24.0
2052	Oct	37.6	36.2	54.9	37.6	34.7	53.2	37.6	23.4	40.3	37.6	37.3	56.1	37.6	37.2	56.1	37.6	36.7	55.6	19.7	19.6	21.8	22.1	22.0	24.5	17.0	16.9	18.9
2052	Nov	36.0	34.8	43.3	36.0	33.6	41.7	36.0	23.9	29.4	36.0	35.8	44.6	36.0	35.8	44.6	36.0	35.7	44.5	17.0	17.0	18.2	19.7	19.7	21.1	14.3	14.3	15.3
2052	Dec	24.2	23.4	25.7	24.2	22.5	24.7	24.2	15.7	17.0	24.2	24.1	26.5	24.2	24.0	26.4	24.2	23.7	26.1	14.7	14.7	14.9	17.3	17.3	17.6	11.5	11.5	11.7
2053	Jan	15.7	15.3	15.7	15.7	15.0	15.3	15.7	12.1	12.3	15.7	15.6	15.9	15.7	15.6	15.9	15.7	15.5	15.8	11.1	11.0	11.0	13.4	13.4	13.4	8.6	8.6	8.6
2053	Feb	13.4	13.1	13.2	13.4	12.8	12.9	13.4	10.2	10.3	13.4	13.3	13.4	13.4	13.3	13.4	13.4	13.1	13.2	9.0	9.0	9.0	10.9	10.9	10.9	7.0	7.0	7.0
2053	Mar	15.1	14.9	39.4	15.1	14.6	38.0	15.1	12.2	27.2	15.1	15.1	40.7	15.1	15.1	40.7	15.1	15.0	41.2	12.6	12.6	35.0	14.7	14.6	40.7	8.9	8.9	24.8
2053	Apr	28.6	28.0	123.4	28.6	27.2	118.4	28.6	21.7	79.7	28.6	28.7	127.9	28.6	28.8	128.0	28.6	29.3	128.6	25.4	25.4	54.4	28.0	28.0	60.1	17.6	17.6	37.8
2053	May	131.8	127.3	41.9	131.8	122.4	40.3	131.8	84.8	28.3	131.8	131.5	43.0	131.8	131.6	43.0	131.8	131.7	42.4	78.3	78.1	43.0	80.9	80.8	44.5	57.6	57.6	31.7
2053	Jun	27.7	26.9	17.1	27.7	26.0	16.6	27.7	18.9	13.1	27.7	27.5	17.2	27.7	27.5	17.2	27.7	26.9	16.5	124.0	123.7	88.6	123.4	123.2	88.2	94.9	94.9	67.9
2053	Jul	27.3	26.5	18.2	27.3	25.6	17.7	27.3	18.8	13.8	27.3	27.0	18.3	27.3	27.0	18.3	27.3	26.3	17.6	90.1	90.0	84.6	91.2	91.1	85.7	77.8	77.8	73.2
2053	Aug	17.4	17.0	15.5	17.4	16.6	15.1	17.4	13.4	12.5	17.4	17.1	15.6	17.4	17.1	15.5	17.4	16.4	14.8	39.3	39.2	33.2	42.2	42.1	35.6	37.0	37.0	31.3
2053	Sep	26.1	25.3	26.1	26.1	24.4	25.2	26.1	17.9	18.3	26.1	25.8	26.7	26.1	25.8	26.6	26.1	25.2	26.1	24.2	24.0	26.5	26.4	26.3	29.0	20.7	20.7	22.8
2053	Oct	27.1	26.1	33.2	27.1	25.1	31.4	27.1	16.8	17.5	27.1	26.9	34.5	27.1	26.8	34.5	27.1	26.3	33.9	19.8	19.7	22.1	22.3	22.1	24.9	16.8	16.8	18.9
2053	Nov	25.6	24.5	30.9	25.6	23.3	28.9	25.6	14.0	14.0	25.6	25.4	32.5	25.6	25.4	32.5	25.6	25.1	32.2	16.7	16.6	17.9	19.3	19.3	20.8	14.0	14.0	15.0
2053	Dec	15.8	15.4	16.2	15.8	14.9	15.7	15.8	11.6	12.1	15.8	15.6	16.5	15.8	15.6	16.5	15.8	15.4	16.2	14.3	14.2	14.5	16.8	16.7	17.1	11.0	11.0	11.3

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020-01-01	9.90	9.53	9.53	4.75	4.38	4.38	0.95	0.58	0.58	5.52	5.41	5.41	4.40	4.29	4.29	1.30	1.20	1.20	27.27	26.75	26.77	33.42	32.90	32.93	95.27	94.75	94.85
2020-01-02	7.63	7.35	7.35	3.66	3.38	3.38	0.73	0.45	0.45	4.26	4.17	4.17	3.39	3.31	3.31	1.01	0.93	0.93	23.73	23.33	23.35	29.88	29.48	29.50	91.73	91.33	91.43
2020-01-03	6.16	5.94	5.94	2.96	2.73	2.73	0.59	0.36	0.36	3.44	3.37	3.37	2.74	2.67	2.67	0.81	0.75	0.75	21.44	21.12	21.13	27.59	27.27	27.29	89.44	89.11	89.22
2020-01-04	5.15	4.96	4.96	2.47	2.28	2.28	0.49	0.30	0.30	2.87	2.81	2.81	2.29	2.23	2.23	0.68	0.62	0.62	19.85	19.58	19.60	26.00	25.73	25.75	87.85	87.58	87.68
2020-01-05	4.41	4.24	4.24	2.11	1.95	1.95	0.42	0.26	0.26	2.46	2.41	2.41	1.96	1.91	1.91	0.58	0.53	0.53	18.69	18.46	18.48	24.84	24.61	24.64	86.69	86.46	86.56
2020-01-06	3.85	3.81	3.81	1.85	1.81	1.81	0.37	0.33	0.33	2.15	2.10	2.10	1.71	1.67	1.67	0.51	0.47	0.47	17.82	17.73	17.74	23.97	23.87	23.90	85.82	85.72	85.83
2020-01-07	3.41	3.40	3.40	1.64	1.62	1.62	0.33	0.31	0.31	1.90	1.86	1.86	1.51	1.48	1.48	0.45	0.41	0.41	17.14	17.07	17.09	23.29	23.22	23.25	85.13	85.07	85.17
2020-01-08	3.06	3.05	3.05	1.47	1.46	1.46	0.29	0.28	0.28	1.71	1.67	1.67	1.36	1.33	1.33	0.40	0.37	0.37	16.60	16.54	16.55	22.74	22.69	22.71	84.59	84.53	84.64
2020-01-09	2.78	2.77	2.77	1.33	1.32	1.32	0.27	0.25	0.25	1.55	1.52	1.52	1.24	1.20	1.20	0.37	0.34	0.34	16.16	16.10	16.12	22.30	22.25	22.27	84.15	84.10	84.20
2020-01-10	2.55	2.53	2.53	1.22	1.20	1.20	0.24	0.22	0.22	1.42	1.39	1.39	1.13	1.10	1.10	0.34	0.31	0.31	15.79	15.73	15.75	21.94	21.88	21.91	83.79	83.73	83.83
2020-01-11	2.35	2.33	2.33	1.13	1.11	1.11	0.23	0.20	0.20	1.31	1.29	1.29	1.05	1.02	1.02	0.31	0.29	0.29	15.49	15.43	15.45	21.64	21.58	21.60	83.49	83.43	83.53
2020-01-12	2.19	2.17	2.17	1.05	1.03	1.03	0.21	0.19	0.19	1.22	1.20	1.20	0.97	0.95	0.95	0.29	0.27	0.27	15.23	15.18	15.20	21.38	21.33	21.35	83.23	83.18	83.28
2020-01-13	2.05	2.02	2.02	0.98	0.96	0.96	0.20	0.17	0.17	1.14	1.12	1.12	0.91	0.89	0.89	0.27	0.25	0.25	15.01	14.96	14.97	21.16	21.10	21.13	83.01	82.95	83.06
2020-01-14	1.93	1.90	1.90	0.92	0.90	0.90	0.18	0.16	0.16	1.08	1.05	1.05	0.86	0.83	0.83	0.25	0.23	0.23	14.82	14.77	14.78	20.97	20.91	20.94	82.82	82.76	82.87
2020-01-15	1.82	1.79	1.79	0.87	0.85	0.85	0.17	0.15	0.15	1.02	0.99	0.99	0.81	0.79	0.79	0.24	0.22	0.22	12.01	11.96	11.97	17.96	17.90	17.92	70.94	70.89	70.98
2020-01-16	1.73	1.71	1.71	0.83	0.81	0.81	0.17	0.14	0.14	0.96	0.94	0.94	0.77	0.75	0.75	0.23	0.21	0.21	11.87	11.82	11.83	17.81	17.76	17.78	70.80	70.75	70.84
2020-01-17	1.65	1.62	1.62	0.79	0.77	0.77	0.16	0.14	0.14	0.92	0.90	0.90	0.73	0.71	0.71	0.22	0.20	0.20	11.74	11.69	11.71	17.69	17.64	17.66	70.67	70.62	70.71
2020-01-18	1.57	1.56	1.56	0.76	0.74	0.74	0.15	0.13	0.13	0.88	0.86	0.86	0.70	0.68	0.68	0.21	0.19	0.19	11.63	11.59	11.60	17.57	17.53	17.55	70.56	70.52	70.61
2020-01-19	1.51	1.49	1.49	0.72	0.71	0.71	0.14	0.13	0.13	0.84	0.83	0.83	0.67	0.65	0.65	0.20	0.18	0.18	11.53	11.49	11.50	17.47	17.43	17.45	70.46	70.42	70.51
2020-01-20	1.45	1.44	1.44	0.70	0.68	0.68	0.14	0.13	0.13	0.81	0.79	0.79	0.65	0.63	0.63	0.19	0.18	0.18	11.44	11.40	11.41	17.38	17.35	17.37	70.37	70.33	70.42
2020-01-21	1.40	1.39	1.39	0.67	0.66	0.66	0.13	0.12	0.12	0.78	0.77	0.77	0.62	0.61	0.61	0.18	0.17	0.17	11.36	11.32	11.34	17.30	17.27	17.29	70.29	70.25	70.34
2020-01-22	1.35	1.34	1.34	0.65	0.64	0.64	0.13	0.12	0.12	0.76	0.74	0.74	0.60	0.59	0.59	0.18	0.16	0.16	11.28	11.25	11.26	17.23	17.19	17.21	70.21	70.18	70.27
2020-01-23	1.31	1.30	1.30	0.63	0.62	0.62	0.13	0.11	0.11	0.73	0.72	0.72	0.58	0.57	0.57	0.17	0.16	0.16	11.26	11.22	11.24	17.20	17.17	17.19	70.19	70.15	70.25
2020-01-24	1.27	1.26	1.26	0.61	0.60	0.60	0.12	0.11	0.11	0.71	0.70	0.70	0.57	0.55	0.55	0.17	0.15	0.15	11.23	11.20	11.22	17.17	17.14	17.17	70.16	70.13	70.22
2020-01-25	1.24	1.23	1.23	0.59	0.58	0.58	0.12	0.11	0.11	0.69	0.68	0.68	0.55	0.54	0.54	0.16	0.15	0.15	11.19	11.16	11.18	17.13	17.10	17.13	70.12	70.09	70.18
2020-01-26	1.20	1.19	1.19	0.58	0.57	0.57	0.12	0.11	0.11	0.67	0.66	0.66	0.54	0.52	0.52	0.16	0.15	0.15	11.15	11.12	11.14	17.09	17.06	17.09	70.07	70.05	70.14
2020-01-27	1.18	1.16	1.16	0.56	0.55	0.55	0.11	0.10	0.10	0.66	0.64	0.64	0.52	0.51	0.51	0.15	0.14	0.14	11.09	11.06	11.08	17.03	17.01	17.03	70.02	69.99	70.09
2020-01-28	1.15	1.14	1.14	0.55	0.54	0.54	0.11	0.10	0.10	0.64	0.63	0.63	0.51	0.50	0.50	0.15	0.14	0.14	11.04	11.01	11.03	16.99	16.96	16.98	69.97	69.94	70.04
2020-01-29	1.12	1.11	1.11	0.54	0.52	0.52	0.11	0.09	0.09	0.63	0.61	0.61	0.50	0.49	0.49	0.15	0.14	0.14	11.00	10.96	10.98	16.94	16.91	16.94	69.93	69.89	69.99
2020-01-30	1.10	1.08	1.08	0.53	0.51	0.51	0.11	0.09	0.09	0.61	0.60	0.60	0.49	0.48	0.48	0.14	0.13	0.13	10.95	10.92	10.94	16.90	16.86	16.89	69.88	69.85	69.95
2020-01-31	1.08	1.06	1.06	0.52	0.50	0.50	0.10	0.08	0.08	0.60	0.59	0.59	0.48	0.47	0.47	0.14	0.13	0.13	10.92	10.89	10.90	16.86	16.83	16.86	69.85	69.82	69.91
2020-02-01	1.06	1.04	1.04	0.51	0.49	0.49	0.10	0.08	0.08	0.59	0.58	0.58	0.47	0.46	0.46	0.14	0.13	0.13	10.88	10.85	10.89	16.82	16.80	16.86	69.81	69.78	70.05
2020-02-02	1.04	1.02	1.02	0.50	0.48	0.48	0.10	0.08	0.08	0.58	0.57	0.57	0.46	0.45	0.45	0.14	0.13	0.13	10.85	10.82	10.86	16.79	16.76	16.83	69.78	69.75	70.02
2020-02-03	1.02	1.00	1.00	0.49	0.47	0.47	0.10	0.08	0.08	0.57	0.56	0.56	0.45	0.44	0.44	0.13	0.12	0.12	10.82	10.79	10.83	16.76	16.73	16.80	69.75	69.72	69.99
2020-02-04	1.01	0.99	0.99	0.48	0.46	0.46	0.10	0.08	0.08	0.56	0.55	0.55	0.45	0.44	0.44	0.13	0.12	0.12	10.79	10.76	10.80	16.73	16.71	16.77	69.72	69.69	69.96
2020-02-05	0.99	0.97	0.97	0.48	0.46	0.46	0.10	0.08	0.08	0.55	0.54	0.54	0.44	0.43	0.43	0.13	0.12	0.12	10.76	10.74	10.78	16.70	16.68	16.74	69.69	69.67	69.94
2020-02-06	0.98	0.96	0.96	0.47	0.45	0.45	0.09	0.08	0.08	0.55	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	10.74	10.71	10.75	16.68	16.66	16.72	69.67	69.64	69.91
2020-02-07	0.96	0.95	0.95	0.46	0.45	0.45	0.09	0.08	0.08	0.54	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	10.71	10.69	10.73	16.66	16.63	16.70	69.64	69.62	69.89
2020-02-08	0.95	0.94	0.94	0.46	0.44	0.44	0.09	0.08	0.08	0.53	0.52	0.52	0.42	0.41	0.41	0.13	0.12	0.12	10.69	10.67	10.71	16.64	16.61	16.67	69.62	69.60	69.87
2020-02-09	0.94	0.92	0.92	0.45	0.43	0.43	0.09	0.07	0.07	0.52	0.51	0.51	0.42	0.41	0.41	0.12	0.11	0.11	10.67	10.65	10.68	16.62	16.59	16.65	69.60	69.58	69.84
2020-02-10	0.93	0.91	0.91	0.45	0.43	0.43	0.09	0.07	0.07	0.52	0.51	0.51	0.41	0.40	0.40	0.12	0.11	0.11	10.65	10.62	10.66	16.60	16.57	16.63	69.58	69.55	69.82
2020-02-11	0.92	0.90	0.90	0.44	0.43	0.43	0.09	0.07	0.07	0.51	0.50	0.50	0.41	0.40	0.40	0.12	0.11	0.11	10.63	10.61	10.65	16.58	16.55	16.61	69.56	69.54	69.81
2020-02-12	0.91	0.90	0.90	0.44	0.43	0.43	0.09	0.08	0.08	0.51	0.50	0.50	0.40	0.39	0.39	0.12	0.11	0.11	10.62	10.59	10.63	16.56	16.53	16.60	69.55	69.52	69.79

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020-03-12	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.82	10.79	14.60	15.73	15.70	21.34	65.82	65.80	90.23
2020-03-13	0.80	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	11.30	11.27	15.28	16.21	16.18	22.03	66.31	66.28	90.92
2020-03-14	0.80	0.79	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	11.78	11.75	15.84	16.69	16.65	22.59	66.78	66.75	91.48
2020-03-15	0.80	0.79	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	15.10	15.09	20.70	21.96	21.95	30.13	87.35	87.34	120.05
2020-03-16	0.80	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	15.07	15.04	20.65	21.93	21.90	30.09	87.32	87.29	120.00
2020-03-17	0.81	0.80	0.81	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	15.02	14.99	20.52	21.88	21.84	29.96	87.27	87.24	119.88
2020-03-18	0.81	0.80	0.82	0.39	0.38	0.40	0.08	0.07	0.08	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	14.97	14.93	20.41	21.82	21.79	29.85	87.22	87.18	119.77
2020-03-19	0.81	0.80	0.81	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	14.92	14.89	20.34	21.78	21.75	29.77	87.17	87.14	119.69
2020-03-20	0.81	0.81	0.85	0.39	0.39	0.41	0.08	0.08	0.09	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	14.87	14.85	20.28	21.73	21.71	29.71	87.12	87.10	119.63
2020-03-21	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.83	14.81	20.19	21.69	21.67	29.62	87.08	87.06	119.54
2020-03-22	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.80	14.77	20.11	21.66	21.63	29.54	87.05	87.02	119.46
2020-03-23	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.76	14.73	20.04	21.62	21.59	29.47	87.01	86.98	119.39
2020-03-24	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.73	14.70	19.98	21.59	21.56	29.41	86.98	86.95	119.33
2020-03-25	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.70	14.67	19.92	21.56	21.53	29.35	86.95	86.92	119.27
2020-03-26	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.67	14.65	19.87	21.53	21.51	29.30	86.92	86.90	119.22
2020-03-27	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.65	14.62	19.84	21.51	21.48	29.28	86.90	86.87	119.20
2020-03-28	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.62	14.61	19.86	21.48	21.47	29.29	86.87	86.86	119.21
2020-03-29	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.61	14.60	19.88	21.47	21.46	29.31	86.86	86.85	119.23
2020-03-30	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	14.61	14.61	19.92	21.47	21.47	29.36	86.86	86.86	119.28
2020-03-31	0.90	0.89	0.93	0.43	0.42	0.44	0.09	0.07	0.08	0.50	0.49	0.52	0.40	0.39	0.41	0.12	0.11	0.11	14.64	14.64	20.00	21.50	21.50	29.44	86.89	86.89	119.36
2020-04-01	1.74	1.72	2.13	0.83	0.82	1.01	0.17	0.15	0.18	0.97	0.95	1.18	0.77	0.75	0.93	0.23	0.21	0.26	14.75	14.76	32.19	21.61	21.61	47.85	87.00	87.01	197.16
2020-04-02	2.67	2.65	4.32	1.28	1.26	2.05	0.26	0.23	0.37	1.49	1.46	2.39	1.19	1.16	1.89	0.35	0.32	0.53	14.73	14.75	32.74	21.59	21.61	48.40	86.98	87.00	197.71
2020-04-03	1.38	1.41	3.62	0.66	0.69	1.75	0.13	0.16	0.37	0.77	0.75	1.99	0.61	0.60	1.58	0.18	0.17	0.46	14.88	14.89	33.20	21.74	21.75	48.86	87.13	87.14	198.17
2020-04-04	1.22	1.22	2.44	0.59	0.58	1.19	0.12	0.11	0.26	0.68	0.67	1.34	0.54	0.53	1.07	0.16	0.15	0.32	15.47	15.47	34.27	22.33	22.33	49.93	87.72	87.72	199.25
2020-04-05	1.21	1.22	2.43	0.58	0.59	1.18	0.12	0.13	0.26	0.67	0.66	1.36	0.54	0.52	1.09	0.16	0.15	0.34	15.85	15.84	35.21	22.71	22.70	50.87	88.10	88.09	200.18
2020-04-06	1.18	1.17	2.30	0.57	0.56	1.11	0.11	0.10	0.23	0.66	0.64	1.29	0.52	0.51	1.03	0.16	0.14	0.31	15.91	15.91	35.44	22.77	22.77	51.10	88.16	88.16	200.42
2020-04-07	1.15	1.14	2.24	0.55	0.54	1.08	0.11	0.10	0.22	0.64	0.63	1.25	0.51	0.50	1.00	0.15	0.14	0.30	15.45	15.44	34.60	22.31	22.30	50.27	87.70	87.69	199.58
2020-04-08	1.14	1.14	2.28	0.55	0.55	1.10	0.11	0.11	0.24	0.64	0.64	1.28	0.51	0.51	1.02	0.15	0.15	0.32	15.36	15.33	34.16	22.22	22.19	49.82	87.61	87.58	199.13
2020-04-09	1.20	1.20	2.43	0.57	0.58	1.18	0.11	0.12	0.25	0.67	0.68	1.36	0.53	0.54	1.08	0.16	0.17	0.33	15.31	15.29	34.21	22.17	22.15	49.87	87.56	87.54	199.18
2020-04-10	1.38	1.39	2.66	0.66	0.67	1.29	0.13	0.14	0.28	0.77	0.78	1.46	0.61	0.63	1.16	0.18	0.20	0.34	15.27	15.25	34.32	22.12	22.11	49.98	87.52	87.50	199.30
2020-04-11	1.35	1.37	2.70	0.65	0.66	1.29	0.13	0.14	0.24	0.76	0.77	1.51	0.60	0.61	1.20	0.18	0.19	0.35	15.19	15.18	34.21	22.05	22.03	49.87	87.44	87.43	199.18
2020-04-12	1.42	1.45	2.67	0.68	0.71	1.27	0.14	0.16	0.24	0.79	0.81	1.49	0.63	0.65	1.19	0.19	0.21	0.35	15.12	15.11	34.71	21.98	21.96	50.37	87.37	87.36	199.68
2020-04-13	1.53	1.55	2.67	0.73	0.76	1.27	0.15	0.17	0.24	0.85	0.90	1.49	0.68	0.73	1.19	0.20	0.25	0.35	15.06	15.04	34.94	21.92	21.90	50.60	87.31	87.29	199.92
2020-04-14	1.60	1.62	2.75	0.77	0.79	1.31	0.15	0.17	0.25	0.89	0.91	1.54	0.71	0.73	1.23	0.21	0.23	0.36	15.01	14.99	34.45	21.87	21.84	50.11	87.26	87.24	199.42
2020-04-15	1.60	1.60	2.78	0.77	0.76	1.32	0.15	0.15	0.25	0.89	0.89	1.55	0.71	0.71	1.24	0.21	0.21	0.36	35.87	35.85	81.79	49.60	49.57	113.13	218.02	217.99	497.70
2020-04-16	1.62	1.62	2.71	0.78	0.78	1.29	0.15	0.15	0.25	0.90	0.90	1.51	0.72	0.72	1.20	0.21	0.22	0.36	35.82	35.80	81.45	49.55	49.53	112.79	217.97	217.95	497.37
2020-04-17	1.61	1.62	2.57	0.77	0.78	1.23	0.15	0.17	0.24	0.90	0.89	1.44	0.72	0.71	1.14	0.21	0.21	0.34	35.78	35.76	81.17	49.51	49.49	112.52	217.93	217.91	497.09
2020-04-18	1.54	1.54	2.76	0.74	0.74	1.31	0.15	0.14	0.24	0.86	0.86	1.54	0.69	0.68	1.23	0.20	0.20	0.36	35.82	35.80	81.17	49.54	49.52	112.51	217.96	217.94	497.09
2020-04-19	1.48	1.47	2.91	0.71	0.70	1.39	0.14	0.13	0.26	0.83	0.82	1.63	0.66	0.65	1.30	0.20	0.19	0.38	36.22	36.22	81.92	49.95	49.94	113.27	218.37	218.37	497.84
2020-04-20	1.43	1.42	2.66	0.69	0.67	1.27	0.14	0.12	0.25	0.80	0.79	1.48	0.63	0.63	1.18	0.19	0.18	0.35	36.37	36.36	82.61	50.09	50.09	113.95	218.51	218.51	498.52
2020-04-21	1.38	1.37	2.45	0.66	0.65	1.17	0.13	0.12	0.23	0.77	0.76	1.37	0.61	0.61	1.09	0.18	0.18	0.32	36.06	36.05	81.90	49.79	49.77	113.25	218.21	218.19	497.82
2020-04-22	1.33	1.32	2.31	0.64	0.63	1.10	0.13	0.12	0.21	0.74	0.74	1.29	0.59	0.59	1.02	0.18	0.17	0.30	36.00	35.98	81.54	49.73	49.70	112.88	218.15	218.13	497.45
2020-04-23	1.29	1.28	2.18	0.62	0.61	1.04	0.12	0.11	0.20	0.72	0.72	1.21	0.57	0.57	0.97	0.17	0.17	0.29	35.94	35.92	81.24	49.67	49.65	112.58			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020-05-22	1.06	1.05	1.14	0.51	0.50	0.54	0.10	0.09	0.10	0.59	0.58	0.63	0.47	0.46	0.50	0.14	0.13	0.14	136.81	136.65	105.34	170.52	170.36	130.01	815.05	814.89	601.67
2020-05-23	1.04	1.03	1.11	0.50	0.49	0.53	0.10	0.09	0.10	0.58	0.57	0.62	0.46	0.45	0.49	0.14	0.13	0.14	131.63	131.69	99.50	165.34	165.40	124.17	809.87	809.93	595.84
2020-05-24	1.03	1.02	1.09	0.50	0.49	0.52	0.10	0.09	0.10	0.58	0.57	0.61	0.46	0.45	0.48	0.14	0.13	0.14	130.55	130.52	98.05	164.26	164.23	122.72	808.79	808.76	594.39
2020-05-25	1.02	1.01	1.07	0.49	0.48	0.51	0.10	0.09	0.09	0.57	0.56	0.59	0.45	0.44	0.47	0.13	0.13	0.14	129.72	129.69	97.04	163.43	163.40	121.72	807.96	807.93	593.38
2020-05-26	1.01	1.00	1.05	0.48	0.47	0.50	0.10	0.09	0.09	0.56	0.55	0.58	0.45	0.44	0.46	0.13	0.13	0.13	129.07	129.04	96.27	162.79	162.76	120.95	807.32	807.29	592.61
2020-05-27	1.00	0.99	1.03	0.48	0.47	0.49	0.10	0.09	0.09	0.56	0.55	0.57	0.44	0.44	0.45	0.13	0.12	0.13	128.56	128.53	95.67	162.27	162.24	120.34	806.80	806.77	592.00
2020-05-28	1.18	1.16	1.23	0.57	0.55	0.58	0.11	0.10	0.10	0.66	0.65	0.68	0.52	0.52	0.54	0.16	0.15	0.16	128.13	128.11	95.18	161.85	161.82	119.85	806.38	806.35	591.52
2020-05-29	1.62	1.60	1.73	0.78	0.76	0.82	0.16	0.13	0.14	0.91	0.90	0.97	0.72	0.71	0.77	0.21	0.21	0.23	127.80	127.77	94.78	161.52	161.49	119.45	806.04	806.02	591.12
2020-05-30	1.55	1.54	1.71	0.74	0.73	0.81	0.15	0.14	0.15	0.86	0.85	0.95	0.69	0.68	0.76	0.20	0.20	0.22	128.05	128.01	95.04	161.76	161.72	119.71	806.29	806.25	591.38
2020-05-31	2.34	2.31	2.65	1.12	1.09	1.25	0.22	0.19	0.22	1.31	1.30	1.49	1.04	1.03	1.19	0.31	0.30	0.35	128.23	128.19	95.26	161.94	161.91	119.93	806.47	806.43	591.60
2020-06-01	1.67	1.69	1.92	0.80	0.81	0.93	0.16	0.17	0.20	0.93	0.93	1.06	0.74	0.74	0.84	0.22	0.22	0.25	127.86	127.84	100.11	161.58	161.55	126.21	806.11	806.08	625.20
2020-06-02	1.60	1.59	1.79	0.77	0.76	0.85	0.15	0.14	0.16	0.89	0.88	1.00	0.71	0.70	0.79	0.21	0.20	0.23	127.56	127.53	99.76	161.27	161.24	125.86	805.80	805.77	624.86
2020-06-03	1.53	1.52	1.70	0.74	0.73	0.81	0.15	0.14	0.15	0.85	0.85	0.95	0.68	0.67	0.75	0.20	0.20	0.22	127.30	127.28	99.47	161.01	160.99	125.57	805.54	805.52	624.57
2020-06-04	1.47	1.46	1.62	0.71	0.70	0.77	0.14	0.13	0.15	0.82	0.81	0.90	0.65	0.65	0.72	0.19	0.19	0.21	127.08	127.05	99.23	160.79	160.77	125.33	805.32	805.30	624.32
2020-06-05	1.68	1.66	1.72	0.80	0.79	0.82	0.16	0.14	0.15	0.93	0.93	0.96	0.74	0.74	0.76	0.22	0.21	0.22	126.89	126.86	99.02	160.60	160.58	125.12	805.13	805.11	624.11
2020-06-06	4.48	4.37	3.39	2.15	2.04	1.59	0.43	0.32	0.26	2.50	2.49	1.92	1.99	1.98	1.53	0.59	0.58	0.45	126.72	126.70	98.84	160.44	160.41	124.94	804.97	804.94	623.93
2020-06-07	6.33	6.28	4.71	3.04	2.98	2.24	0.61	0.55	0.42	3.53	3.52	2.64	2.81	2.80	2.10	0.83	0.83	0.62	126.58	126.55	98.68	160.29	160.27	124.78	804.82	804.80	623.77
2020-06-08	3.95	4.00	3.20	1.89	1.95	1.55	0.38	0.43	0.33	2.20	2.20	1.76	1.75	1.75	1.40	0.52	0.52	0.41	126.45	126.43	98.54	160.16	160.14	124.64	804.69	804.67	623.63
2020-06-09	3.49	3.48	2.86	1.67	1.67	1.37	0.33	0.33	0.27	1.95	1.94	1.59	1.55	1.54	1.27	0.46	0.45	0.37	126.34	126.31	98.42	160.05	160.03	124.52	804.58	804.56	623.51
2020-06-10	3.13	3.12	2.61	1.50	1.49	1.25	0.30	0.29	0.24	1.74	1.73	1.45	1.39	1.38	1.16	0.41	0.41	0.34	126.25	126.22	98.31	159.96	159.93	124.41	804.49	804.46	623.40
2020-06-11	2.83	2.82	2.41	1.36	1.35	1.15	0.27	0.26	0.22	1.58	1.57	1.34	1.26	1.25	1.06	0.37	0.37	0.31	126.16	126.14	98.21	159.88	159.85	124.31	804.40	804.38	623.31
2020-06-12	2.59	2.58	2.23	1.24	1.23	1.07	0.25	0.24	0.20	1.45	1.44	1.24	1.15	1.14	0.99	0.34	0.33	0.29	126.09	126.06	98.12	159.80	159.78	124.22	804.33	804.31	623.22
2020-06-13	2.57	2.55	2.14	1.23	1.22	1.02	0.25	0.23	0.19	1.43	1.42	1.19	1.14	1.13	0.95	0.34	0.33	0.28	126.02	126.00	98.05	159.73	159.71	124.15	804.26	804.24	623.14
2020-06-14	2.53	2.52	2.06	1.22	1.20	0.99	0.24	0.23	0.19	1.41	1.41	1.15	1.13	1.12	0.91	0.33	0.33	0.27	125.95	125.93	97.98	159.66	159.64	124.08	804.19	804.17	623.07
2020-06-15	2.34	2.33	1.94	1.12	1.11	0.92	0.22	0.21	0.18	1.31	1.30	1.08	1.04	1.03	0.86	0.31	0.30	0.25	129.54	129.52	100.74	162.01	161.99	125.88	808.56	808.54	703.85
2020-06-16	2.18	2.17	1.83	1.05	1.04	0.87	0.21	0.20	0.17	1.22	1.21	1.02	0.97	0.96	0.81	0.29	0.28	0.24	129.48	129.46	100.68	161.95	161.93	125.82	808.50	808.48	703.80
2020-06-17	2.04	2.03	1.74	0.98	0.97	0.83	0.20	0.19	0.16	1.14	1.13	0.96	0.91	0.90	0.77	0.27	0.26	0.22	129.43	129.41	100.62	161.90	161.88	125.76	808.45	808.43	703.74
2020-06-18	1.92	1.91	1.65	0.92	0.91	0.79	0.18	0.17	0.15	1.07	1.06	0.92	0.85	0.84	0.73	0.25	0.25	0.21	151.33	150.73	115.04	183.80	183.20	140.18	930.35	929.75	718.16
2020-06-19	2.49	2.46	1.96	1.20	1.16	0.93	0.24	0.20	0.16	1.39	1.38	1.10	1.11	1.10	0.87	0.33	0.32	0.25	206.38	205.10	149.54	238.86	237.57	174.68	985.41	984.12	752.66
2020-06-20	3.90	3.84	2.77	1.87	1.81	1.31	0.37	0.31	0.23	2.18	2.16	1.56	1.73	1.72	1.24	0.51	0.51	0.36	162.94	163.00	124.45	195.41	195.48	149.59	941.96	942.03	727.57
2020-06-21	2.79	2.81	2.15	1.34	1.36	1.03	0.27	0.28	0.21	1.56	1.55	1.19	1.24	1.23	0.95	0.37	0.36	0.28	149.74	150.03	116.34	182.21	182.50	141.48	928.76	929.05	719.46
2020-06-22	2.56	2.55	2.00	1.23	1.22	0.95	0.25	0.24	0.18	1.43	1.42	1.11	1.14	1.13	0.88	0.34	0.33	0.26	143.37	143.81	111.93	175.84	176.28	137.07	922.39	922.83	715.05
2020-06-23	2.36	2.35	1.88	1.13	1.12	0.90	0.23	0.22	0.17	1.32	1.31	1.05	1.05	1.04	0.83	0.31	0.30	0.24	141.24	141.19	109.99	173.71	173.66	135.13	920.26	920.21	713.11
2020-06-24	2.20	2.19	1.78	1.05	1.04	0.85	0.21	0.20	0.16	1.23	1.22	0.99	0.98	0.97	0.79	0.29	0.28	0.23	139.65	139.60	108.58	172.12	172.08	133.72	918.67	918.63	711.70
2020-06-25	2.05	2.04	1.69	0.99	0.98	0.81	0.20	0.19	0.15	1.15	1.14	0.94	0.91	0.90	0.75	0.27	0.26	0.22	137.29	137.27	106.93	169.76	169.74	132.07	916.31	916.29	710.05
2020-06-26	1.93	1.92	1.61	0.93	0.92	0.77	0.19	0.17	0.14	1.08	1.07	0.90	0.86	0.85	0.71	0.25	0.25	0.21	135.66	135.64	105.72	168.13	168.11	130.86	914.68	914.66	708.84
2020-06-27	1.83	1.82	1.54	0.88	0.87	0.74	0.17	0.17	0.14	1.02	1.01	0.86	0.81	0.80	0.68	0.24	0.23	0.20	134.48	134.45	104.81	166.95	166.92	129.95	913.50	913.47	707.93
2020-06-28	1.73	1.72	1.48	0.83	0.82	0.70	0.17	0.16	0.13	0.97	0.96	0.82	0.77	0.76	0.65	0.23	0.22	0.19	133.59	133.56	104.11	166.06	166.03	129.25	912.61	912.58	707.23
2020-06-29	1.65	1.64	1.43	0.79	0.78	0.68	0.16	0.15	0.13	0.92	0.91	0.79	0.73	0.72	0.63	0.22	0.21	0.18	132.90	132.87	103.55	165.37	165.34	128.69	911.92	911.89	706.67
2020-06-30	1.58	1.57	1.37	0.76	0.75	0.65	0.15	0.14	0.12	0.88	0.87	0.76	0.70	0.69	0.61	0.21	0.20	0.17	132.35	132.32	103.10	164.82	164.79	128.24	911.37	911.34	706.22
2020-07-01	1.51	1.50	1.33	0.73	0.72	0.63	0.15	0.13	0.12	0.84	0.83	0.74	0.67	0.66	0.59	0.20	0.19	0.17	131.90	131.87	102.55	164.37	164.34	127.54	910.92	910.89	705.95
2020-07-02	1.45	1.44	1.29	0.70	0.69	0.61	0.14	0.13	0.11	0.81	0.80	0.72	0.65	0.64	0.57	0.19	0.18	0.16	131.53	131.50	102.04	164.00	163.				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020-08-01	0.95	0.94	0.90	0.45	0.44	0.42	0.09	0.08	0.08	0.53	0.52	0.50	0.42	0.41	0.39	0.12	0.12	0.11	59.19	59.10	55.05	77.88	77.78	72.41	453.97	453.88	421.65
2020-08-02	0.93	0.93	0.89	0.45	0.44	0.42	0.09	0.08	0.08	0.52	0.51	0.49	0.42	0.41	0.39	0.12	0.12	0.11	56.52	56.54	52.57	75.21	75.23	69.92	451.30	451.33	419.16
2020-08-03	0.92	0.91	0.88	0.44	0.43	0.42	0.09	0.08	0.08	0.52	0.51	0.49	0.41	0.40	0.39	0.12	0.11	0.11	56.27	56.25	52.30	74.96	74.94	69.65	451.06	451.03	418.90
2020-08-04	0.91	0.91	0.87	0.44	0.43	0.41	0.09	0.08	0.08	0.51	0.50	0.48	0.41	0.40	0.38	0.12	0.11	0.11	56.85	56.80	52.74	75.54	75.49	70.09	451.63	451.58	419.33
2020-08-05	0.90	0.90	0.86	0.43	0.43	0.41	0.09	0.08	0.07	0.50	0.50	0.48	0.40	0.39	0.38	0.12	0.11	0.11	58.55	58.48	54.00	77.24	77.17	71.36	453.33	453.26	420.60
2020-08-06	0.90	0.89	0.86	0.43	0.42	0.41	0.09	0.08	0.07	0.50	0.49	0.47	0.40	0.39	0.38	0.12	0.11	0.11	57.63	57.62	53.32	76.32	76.31	70.68	452.42	452.40	419.92
2020-08-07	0.89	0.88	0.85	0.43	0.42	0.40	0.09	0.08	0.07	0.49	0.49	0.47	0.39	0.39	0.37	0.12	0.11	0.11	57.21	57.18	52.98	75.90	75.87	70.33	451.99	451.96	419.57
2020-08-08	0.88	0.87	0.84	0.42	0.41	0.40	0.08	0.08	0.07	0.49	0.48	0.47	0.39	0.38	0.37	0.12	0.11	0.11	56.85	56.83	52.69	75.54	75.51	70.05	451.64	451.61	419.29
2020-08-09	0.87	0.86	0.84	0.42	0.41	0.40	0.08	0.08	0.07	0.49	0.48	0.46	0.39	0.38	0.37	0.11	0.11	0.10	56.56	56.53	52.45	75.25	75.22	69.80	451.34	451.32	419.05
2020-08-10	1.26	1.24	1.25	0.61	0.58	0.59	0.12	0.10	0.10	0.70	0.70	0.70	0.56	0.55	0.56	0.17	0.16	0.16	56.31	56.28	52.24	75.00	74.97	69.60	451.09	451.07	418.84
2020-08-11	1.91	1.89	1.88	0.92	0.89	0.89	0.18	0.16	0.15	1.07	1.06	1.06	0.85	0.84	0.84	0.25	0.25	0.25	56.09	56.07	52.06	74.78	74.76	69.42	450.88	450.85	418.66
2020-08-12	1.14	1.16	1.11	0.55	0.56	0.54	0.11	0.13	0.12	0.64	0.63	0.60	0.51	0.50	0.48	0.15	0.15	0.14	55.91	55.88	51.91	74.60	74.57	69.26	450.69	450.67	418.50
2020-08-13	1.93	1.89	1.81	0.92	0.89	0.85	0.18	0.15	0.14	1.07	1.06	1.02	0.86	0.85	0.81	0.25	0.25	0.24	55.75	55.72	51.77	74.43	74.41	69.12	450.53	450.50	418.37
2020-08-14	4.13	4.06	3.76	1.98	1.91	1.77	0.40	0.32	0.30	2.31	2.29	2.12	1.84	1.83	1.69	0.54	0.54	0.50	55.60	55.58	51.65	74.29	74.27	69.00	450.39	450.36	418.24
2020-08-15	3.28	3.30	2.88	1.58	1.59	1.39	0.31	0.33	0.29	1.83	1.83	1.59	1.46	1.45	1.27	0.43	0.43	0.37	28.71	28.68	26.68	39.10	39.07	36.33	215.19	215.17	199.85
2020-08-16	2.56	2.56	2.30	1.23	1.23	1.11	0.24	0.25	0.22	1.43	1.42	1.27	1.13	1.13	1.01	0.34	0.33	0.30	28.60	28.57	26.58	38.99	38.96	36.23	215.08	215.06	199.75
2020-08-17	2.36	2.35	2.13	1.13	1.12	1.02	0.23	0.22	0.20	1.32	1.31	1.18	1.05	1.04	0.94	0.31	0.30	0.28	28.50	28.47	26.50	38.89	38.86	36.15	214.98	214.96	199.67
2020-08-18	2.19	2.18	2.00	1.05	1.04	0.95	0.21	0.20	0.18	1.22	1.21	1.11	0.97	0.97	0.88	0.29	0.28	0.26	28.41	28.39	26.42	38.80	38.77	36.07	214.89	214.87	199.59
2020-08-19	2.05	2.04	1.88	0.99	0.98	0.90	0.20	0.19	0.17	1.15	1.14	1.05	0.91	0.90	0.83	0.27	0.26	0.24	28.33	28.31	26.35	38.72	38.69	36.00	214.81	214.79	199.52
2020-08-20	1.96	1.95	1.78	0.94	0.93	0.85	0.19	0.18	0.16	1.09	1.08	0.99	0.87	0.86	0.79	0.26	0.25	0.23	28.26	28.23	26.29	38.65	38.62	35.93	214.74	214.72	199.46
2020-08-21	1.87	1.86	1.70	0.90	0.89	0.81	0.18	0.17	0.16	1.04	1.04	0.94	0.83	0.82	0.75	0.25	0.24	0.22	28.19	28.17	26.23	38.58	38.56	35.88	214.68	214.65	199.40
2020-08-22	1.77	1.76	1.62	0.85	0.84	0.77	0.17	0.16	0.15	0.99	0.98	0.90	0.79	0.78	0.72	0.23	0.23	0.21	28.13	28.11	26.18	38.52	38.50	35.82	214.62	214.60	199.35
2020-08-23	1.69	1.68	1.55	0.81	0.80	0.74	0.16	0.15	0.14	0.94	0.93	0.86	0.75	0.74	0.68	0.22	0.22	0.20	28.20	28.18	26.22	38.59	38.57	35.87	214.69	214.66	199.39
2020-08-24	1.61	1.60	1.48	0.77	0.76	0.71	0.15	0.14	0.13	0.90	0.89	0.83	0.71	0.71	0.66	0.21	0.21	0.19	28.96	28.92	26.75	39.35	39.31	36.40	215.45	215.40	199.92
2020-08-25	1.54	1.53	1.43	0.74	0.73	0.68	0.15	0.14	0.13	0.86	0.85	0.79	0.68	0.68	0.63	0.20	0.20	0.18	29.23	29.20	27.00	39.62	39.59	36.65	215.71	215.68	200.17
2020-08-26	1.48	1.47	1.38	0.71	0.70	0.66	0.14	0.13	0.12	0.83	0.82	0.77	0.66	0.65	0.61	0.20	0.19	0.18	28.67	28.66	26.58	39.06	39.05	36.23	215.16	215.14	199.75
2020-08-27	1.43	1.42	1.33	0.68	0.67	0.63	0.14	0.13	0.12	0.80	0.79	0.74	0.63	0.63	0.59	0.19	0.18	0.17	28.57	28.54	26.49	38.95	38.93	36.14	215.05	215.03	199.66
2020-08-28	1.38	1.37	1.29	0.66	0.65	0.61	0.13	0.12	0.11	0.77	0.76	0.72	0.61	0.60	0.57	0.18	0.17	0.16	28.47	28.45	26.41	38.86	38.83	36.06	214.95	214.93	199.58
2020-08-29	1.33	1.32	1.25	0.64	0.63	0.60	0.13	0.12	0.11	0.74	0.73	0.70	0.59	0.58	0.55	0.18	0.17	0.16	28.38	28.36	26.34	38.77	38.75	35.99	214.87	214.85	199.51
2020-08-30	1.29	1.28	1.22	0.62	0.61	0.58	0.12	0.11	0.11	0.72	0.71	0.68	0.57	0.57	0.54	0.17	0.16	0.15	28.31	28.29	26.28	38.70	38.67	35.93	214.79	214.77	199.45
2020-08-31	1.34	1.33	1.27	0.64	0.63	0.60	0.13	0.12	0.11	0.75	0.74	0.71	0.60	0.59	0.56	0.18	0.17	0.16	28.24	28.21	26.22	38.63	38.60	35.87	214.72	214.70	199.39
2020-09-01	1.39	1.38	1.35	0.67	0.66	0.64	0.13	0.12	0.12	0.77	0.77	0.75	0.62	0.61	0.60	0.18	0.18	0.17	28.17	28.15	25.96	38.56	38.54	35.53	214.66	214.64	197.66
2020-09-02	1.39	1.37	1.31	0.67	0.65	0.63	0.13	0.12	0.12	0.77	0.77	0.73	0.62	0.61	0.58	0.18	0.18	0.17	28.12	28.09	25.92	38.50	38.48	35.48	214.60	214.58	197.61
2020-09-03	1.50	1.48	1.40	0.72	0.70	0.67	0.14	0.13	0.12	0.83	0.83	0.78	0.66	0.66	0.62	0.20	0.19	0.18	28.06	28.04	25.87	38.45	38.43	35.44	214.55	214.53	197.57
2020-09-04	2.72	2.66	2.45	1.30	1.25	1.15	0.26	0.21	0.19	1.52	1.50	1.38	1.21	1.20	1.10	0.36	0.35	0.32	28.01	27.99	25.83	38.40	38.38	35.40	214.50	214.48	197.53
2020-09-05	3.63	3.60	3.28	1.74	1.71	1.56	0.35	0.31	0.28	2.03	2.02	1.84	1.61	1.61	1.47	0.48	0.47	0.43	28.10	28.08	25.90	38.49	38.46	35.46	214.59	214.56	197.60
2020-09-06	2.45	2.47	2.26	1.18	1.20	1.09	0.23	0.25	0.23	1.37	1.36	1.24	1.09	1.08	0.99	0.32	0.32	0.29	30.99	30.88	28.44	41.37	41.27	38.01	217.47	217.37	200.14
2020-09-07	2.27	2.26	2.08	1.09	1.08	1.00	0.22	0.21	0.19	1.27	1.26	1.16	1.01	1.00	0.92	0.30	0.29	0.27	34.56	34.44	31.63	44.95	44.83	41.19	221.05	220.92	203.33
2020-09-08	2.12	2.11	1.96	1.02	1.01	0.94	0.20	0.20	0.18	1.18	1.17	1.09	0.94	0.93	0.87	0.28	0.27	0.25	31.27	31.30	28.68	41.66	41.69	38.25	217.75	217.79	200.38
2020-09-09	1.99	1.98	1.85	0.95	0.95	0.88	0.19	0.18	0.17	1.11	1.10	1.03	0.88	0.88	0.82	0.26	0.26	0.24	30.77	30.74	28.22	41.15	41.13	37.79	217.25	217.22	199.92
2020-09-10	3.19	3.13	2.86	1.53	1.47	1.35	0.31	0.25	0.23	1.78	1.77	1.61	1.42	1.41	1.28	0.42	0.41	0.38	30.36	30.33	27.89	40.75	40.72	37.45	216.84	216.81	199.58
2020-09-11	7.20	7.04	6.33	3.45	3.30	2.96	0.69	0.53	0.48	4.01	4.00	3.59	3.20	3.18	2.86	0.95	0.94	0.84	30.02	29.99	27.61	40.41	40.38	37.17	216.50	216.48	199.30
2020-09-12	6.18	6.19	5.49	2.97	2.98	2.64	0.59	0.60	0.54	3.45	3.44	3.05	2.74	2.74	2.43	0.81	0.81	0.72									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020-10-11	1.56	1.55	1.48	0.75	0.74	0.70	0.15	0.14	0.13	0.87	0.86	0.82	0.69	0.68	0.65	0.21	0.20	0.19	20.97	20.94	19.84	29.87	29.84	28.31	157.10	157.07	149.48
2020-10-12	1.50	1.49	1.42	0.72	0.71	0.68	0.14	0.14	0.13	0.84	0.83	0.79	0.67	0.66	0.63	0.20	0.19	0.18	20.66	20.64	19.57	29.56	29.53	28.05	156.79	156.76	149.22
2020-10-13	1.45	1.45	1.38	0.70	0.69	0.66	0.14	0.14	0.12	0.81	0.81	0.76	0.64	0.64	0.61	0.19	0.19	0.18	20.40	20.38	19.35	29.30	29.27	27.82	156.53	156.50	149.00
2020-10-14	1.44	1.44	1.36	0.69	0.69	0.65	0.14	0.14	0.13	0.80	0.80	0.76	0.64	0.64	0.60	0.19	0.19	0.18	20.22	20.20	19.19	29.12	29.09	27.66	156.35	156.32	148.84
2020-10-15	1.56	1.54	1.46	0.75	0.73	0.70	0.15	0.13	0.14	0.87	0.86	0.82	0.69	0.69	0.65	0.20	0.20	0.20	19.99	19.96	18.97	27.90	27.87	26.51	136.96	136.93	130.38
2020-10-16	1.62	1.61	1.51	0.78	0.77	0.72	0.16	0.14	0.14	0.90	0.90	0.84	0.72	0.71	0.67	0.21	0.21	0.20	19.82	19.79	18.83	27.73	27.70	26.36	136.79	136.76	130.23
2020-10-17	1.57	1.56	1.46	0.75	0.74	0.69	0.15	0.14	0.13	0.88	0.87	0.81	0.70	0.69	0.64	0.21	0.20	0.19	19.66	19.64	18.70	27.57	27.55	26.23	136.63	136.61	130.10
2020-10-18	1.62	1.60	1.50	0.78	0.76	0.72	0.16	0.14	0.15	0.90	0.89	0.84	0.72	0.71	0.67	0.21	0.21	0.20	19.53	19.50	18.57	27.44	27.41	26.11	136.50	136.47	129.97
2020-10-19	1.65	1.64	1.49	0.79	0.78	0.71	0.16	0.15	0.13	0.92	0.91	0.83	0.73	0.73	0.66	0.22	0.21	0.19	19.41	19.39	18.47	27.32	27.30	26.00	136.38	136.36	129.87
2020-10-20	1.69	1.67	1.51	0.81	0.80	0.72	0.16	0.15	0.14	0.94	0.93	0.84	0.75	0.74	0.67	0.22	0.22	0.19	19.30	19.28	18.38	27.21	27.19	25.91	136.27	136.25	129.78
2020-10-21	1.87	1.85	1.50	0.90	0.88	0.72	0.18	0.16	0.13	1.04	1.04	0.84	0.83	0.82	0.67	0.25	0.24	0.19	19.21	19.19	18.29	27.12	27.10	25.83	136.18	136.16	129.69
2020-10-22	1.96	1.94	1.44	0.94	0.92	0.69	0.19	0.17	0.13	1.09	1.08	0.80	0.87	0.86	0.64	0.26	0.25	0.19	19.12	19.10	18.22	27.03	27.01	25.75	136.09	136.07	129.62
2020-10-23	2.45	2.42	1.48	1.18	1.14	0.70	0.23	0.20	0.13	1.37	1.36	0.82	1.09	1.08	0.65	0.32	0.32	0.19	19.05	19.02	18.16	26.96	26.93	25.69	136.02	135.99	129.56
2020-10-24	3.78	3.72	1.55	1.81	1.75	0.74	0.36	0.30	0.13	2.11	2.09	0.86	1.68	1.67	0.69	0.50	0.49	0.20	18.98	18.96	18.09	26.89	26.87	25.62	135.95	135.93	129.49
2020-10-25	3.12	3.13	1.57	1.50	1.50	0.75	0.30	0.31	0.14	1.74	1.73	0.88	1.39	1.38	0.70	0.41	0.41	0.20	18.98	18.96	18.08	26.89	26.87	25.61	135.95	135.93	129.48
2020-10-26	3.32	3.30	1.69	1.60	1.57	0.80	0.32	0.29	0.14	1.85	1.84	0.94	1.48	1.47	0.75	0.44	0.43	0.22	18.98	18.96	18.07	26.89	26.87	25.60	135.95	135.93	129.47
2020-10-27	3.30	3.30	1.77	1.58	1.58	0.85	0.32	0.32	0.17	1.84	1.84	0.98	1.47	1.46	0.78	0.43	0.43	0.23	18.92	18.89	18.01	26.83	26.80	25.54	135.89	135.86	129.41
2020-10-28	2.97	2.97	1.67	1.43	1.42	0.80	0.29	0.28	0.15	1.66	1.65	0.93	1.32	1.31	0.74	0.39	0.39	0.22	18.86	18.83	17.95	26.77	26.74	25.48	135.83	135.80	129.35
2020-10-29	2.71	2.70	1.59	1.30	1.29	0.76	0.26	0.25	0.14	1.51	1.50	0.89	1.20	1.19	0.70	0.36	0.35	0.20	18.81	18.78	17.91	26.72	26.69	25.44	135.78	135.75	129.31
2020-10-30	2.49	2.48	1.53	1.19	1.18	0.73	0.24	0.23	0.14	1.39	1.38	0.85	1.11	1.09	0.67	0.33	0.32	0.19	18.76	18.73	17.86	26.67	26.64	25.40	135.73	135.70	129.27
2020-10-31	2.32	2.31	1.47	1.11	1.10	0.70	0.22	0.21	0.13	1.30	1.28	0.81	1.03	1.02	0.65	0.31	0.30	0.19	18.72	18.70	17.83	26.63	26.61	25.37	135.69	135.67	129.24
2020-11-01	2.42	2.40	1.57	1.16	1.14	0.74	0.23	0.21	0.13	1.35	1.34	0.87	1.07	1.06	0.69	0.32	0.31	0.20	18.67	18.65	18.35	26.58	26.56	26.14	135.64	135.62	133.60
2020-11-02	3.66	3.61	2.88	1.76	1.71	1.36	0.35	0.30	0.23	2.04	2.04	1.63	1.63	1.63	1.30	0.48	0.49	0.39	18.64	18.62	18.32	26.55	26.53	26.12	135.61	135.59	133.57
2020-11-03	4.60	4.56	3.75	2.21	2.17	1.78	0.44	0.40	0.33	2.57	2.56	2.12	2.04	2.04	1.69	0.61	0.61	0.51	18.60	18.58	18.29	26.51	26.49	26.08	135.57	135.55	133.54
2020-11-04	3.57	3.58	2.69	1.71	1.72	1.30	0.34	0.35	0.27	1.99	1.98	1.49	1.58	1.58	1.18	0.47	0.47	0.35	18.57	18.54	18.26	26.48	26.45	26.05	135.54	135.51	133.51
2020-11-05	3.19	3.18	2.44	1.53	1.52	1.17	0.31	0.30	0.22	1.78	1.77	1.36	1.42	1.41	1.09	0.42	0.42	0.32	18.54	18.51	18.23	26.45	26.42	26.02	135.51	135.48	133.48
2020-11-06	2.88	2.87	2.26	1.38	1.37	1.08	0.28	0.27	0.21	1.61	1.60	1.26	1.28	1.28	1.01	0.38	0.38	0.30	18.51	18.49	18.21	26.42	26.40	26.00	135.48	135.46	133.46
2020-11-07	2.63	2.62	2.11	1.26	1.25	1.01	0.25	0.24	0.19	1.47	1.46	1.18	1.17	1.16	0.94	0.35	0.34	0.28	18.49	18.46	18.18	26.39	26.37	25.98	135.45	135.43	133.43
2020-11-08	2.43	2.41	1.97	1.16	1.15	0.94	0.23	0.22	0.18	1.35	1.34	1.10	1.08	1.07	0.88	0.32	0.31	0.26	18.46	18.44	18.16	26.37	26.35	25.96	135.43	135.41	133.41
2020-11-09	2.25	2.23	1.86	1.08	1.06	0.88	0.22	0.20	0.16	1.26	1.24	1.04	1.00	0.99	0.82	0.30	0.29	0.24	18.44	18.42	18.14	26.35	26.33	25.93	135.41	135.39	133.39
2020-11-10	2.10	2.08	1.76	1.01	0.99	0.83	0.20	0.18	0.15	1.17	1.16	0.98	0.93	0.92	0.78	0.28	0.27	0.23	18.42	18.40	18.12	26.33	26.31	25.91	135.39	135.37	133.37
2020-11-11	1.97	1.95	1.67	0.95	0.92	0.79	0.19	0.17	0.14	1.10	1.09	0.93	0.88	0.86	0.74	0.26	0.25	0.21	18.40	18.38	18.10	26.31	26.29	25.90	135.37	135.35	133.35
2020-11-12	1.86	1.84	1.59	0.89	0.87	0.76	0.18	0.16	0.14	1.04	1.03	0.89	0.83	0.82	0.71	0.25	0.24	0.20	18.39	18.38	18.11	26.30	26.29	25.90	135.36	135.35	133.36
2020-11-13	1.76	1.75	1.53	0.85	0.83	0.72	0.17	0.15	0.13	0.98	0.97	0.85	0.78	0.77	0.68	0.23	0.22	0.20	18.40	18.40	18.13	26.31	26.31	25.93	135.37	135.37	133.38
2020-11-14	1.68	1.66	1.47	0.81	0.79	0.70	0.16	0.14	0.13	0.94	0.93	0.82	0.74	0.74	0.65	0.22	0.21	0.19	18.39	18.38	18.12	26.30	26.29	25.91	135.36	135.35	133.37
2020-11-15	1.60	1.59	1.41	0.77	0.75	0.67	0.15	0.14	0.12	0.89	0.89	0.79	0.71	0.70	0.63	0.21	0.20	0.18	17.96	17.94	17.69	26.18	26.16	25.78	116.96	116.95	115.23
2020-11-16	1.53	1.52	1.37	0.74	0.73	0.65	0.15	0.14	0.12	0.86	0.85	0.76	0.68	0.68	0.61	0.20	0.20	0.18	17.94	17.92	17.67	26.16	26.14	25.76	116.94	116.93	115.21
2020-11-17	1.47	1.46	1.32	0.71	0.69	0.62	0.14	0.12	0.11	0.82	0.81	0.74	0.65	0.65	0.58	0.19	0.19	0.17	17.93	17.91	17.65	26.14	26.12	25.74	116.93	116.91	115.19
2020-11-18	1.42	1.40	1.27	0.68	0.66	0.60	0.14	0.12	0.10	0.79	0.78	0.71	0.63	0.62	0.56	0.19	0.18	0.16	17.91	17.89	17.64	26.13	26.11	25.73	116.91	116.90	115.18
2020-11-19	1.37	1.35	1.24	0.66	0.64	0.58	0.13	0.11	0.10	0.76	0.75	0.69	0.61	0.60	0.55	0.18	0.17	0.16	17.90	17.88	17.62	26.11	26.09	25.72	116.90	116.88	115.17
2020-11-20	1.33	1.31	1.20	0.64	0.62	0.57	0.13	0.11	0.10	0.74	0.73	0.67	0.59	0.58	0.53	0.17	0.17	0.15	17.88	17.86	17.60	26.10	26.07	25.70	116.88	116.86	115.15
2020-11-21	1.29	1.27	1.17	0.62	0.60	0.55	0.12	0.10	0.10	0.72	0.71	0.65	0.57	0.56	0.52	0.17	0.16	0.15	17.87	17.84	17.59	26.09	26.06	25.68	116.87	116.84	115.13
2020-11-22	1.25	1.23	1.14	0.60	0.58	0.54	0.12	0.10	0.09	0.70	0.69	0.64	0.56	0.54	0.51	0.16	0.15	0.14									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2020-12-21	0.83	0.82	0.81	0.40	0.39	0.38	0.08	0.07	0.07	0.46	0.46	0.45	0.37	0.37	0.36	0.11	0.11	0.11	12.82	12.80	12.81	18.77	18.76	18.76	78.89	78.87	78.88
2020-12-22	0.83	0.82	0.80	0.40	0.39	0.38	0.08	0.07	0.07	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.10	12.82	12.81	12.81	18.77	18.76	18.76	78.89	78.87	78.88
2020-12-23	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.11	0.10	12.82	12.81	12.81	18.78	18.76	18.76	78.89	78.87	78.88
2020-12-24	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.11	0.10	12.83	12.81	12.81	18.78	18.76	18.76	78.89	78.88	78.89
2020-12-25	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.83	12.81	12.81	18.78	18.76	18.76	78.89	78.88	78.88
2020-12-26	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.88	12.86	12.87	18.83	18.82	18.82	78.95	78.93	78.94
2020-12-27	0.80	0.79	0.78	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.95	12.93	12.94	18.90	18.88	18.89	79.01	79.00	79.01
2020-12-28	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.84	12.82	12.82	18.79	18.77	18.78	78.90	78.89	78.90
2020-12-29	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	12.82	12.81	12.81	18.78	18.76	18.76	78.89	78.87	78.88
2020-12-30	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	12.83	12.81	12.81	18.78	18.76	18.77	78.89	78.88	78.89
2020-12-31	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	12.83	12.81	12.82	18.78	18.77	18.77	78.89	78.88	78.89
2021-01-01	0.79	0.76	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.50	0.50	0.35	0.41	0.41	0.10	0.16	0.16	12.83	12.85	12.87	18.78	18.80	18.83	78.90	78.92	79.02
2021-01-02	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.50	0.50	0.35	0.41	0.41	0.10	0.16	0.16	12.83	12.85	12.87	18.78	18.80	18.83	78.90	78.92	79.02
2021-01-03	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.50	0.50	0.35	0.41	0.41	0.10	0.16	0.16	12.83	12.85	12.87	18.78	18.81	18.83	78.90	78.92	79.02
2021-01-04	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.50	0.50	0.35	0.41	0.41	0.10	0.16	0.16	12.83	12.85	12.87	18.78	18.81	18.83	78.90	78.92	79.02
2021-01-05	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	12.83	12.80	12.81	18.79	18.75	18.77	78.90	78.86	78.97
2021-01-06	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	12.84	12.80	12.81	18.79	18.75	18.77	78.90	78.87	78.97
2021-01-07	0.80	0.77	0.77	0.38	0.35	0.36	0.08	0.05	0.05	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	12.84	12.80	12.82	18.79	18.75	18.78	78.90	78.87	78.97
2021-01-08	0.80	0.77	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.11	12.94	12.90	12.93	18.89	18.85	18.89	79.00	78.97	79.09
2021-01-09	0.92	0.89	0.94	0.44	0.41	0.43	0.09	0.05	0.06	0.51	0.51	0.54	0.41	0.41	0.43	0.12	0.12	0.13	13.14	13.10	13.17	19.09	19.05	19.13	79.21	79.17	79.33
2021-01-10	1.12	1.08	1.22	0.54	0.50	0.56	0.11	0.07	0.07	0.63	0.64	0.72	0.50	0.51	0.57	0.15	0.16	0.18	13.03	12.99	13.04	18.98	18.94	19.00	79.09	79.06	79.19
2021-01-11	0.95	0.92	0.99	0.46	0.42	0.45	0.09	0.06	0.06	0.53	0.53	0.58	0.42	0.43	0.46	0.13	0.13	0.14	12.84	12.80	12.82	18.79	18.75	18.78	78.90	78.87	78.97
2021-01-12	0.82	0.79	0.82	0.39	0.36	0.38	0.08	0.05	0.05	0.46	0.46	0.47	0.37	0.36	0.38	0.11	0.11	0.11	12.82	12.78	12.79	18.77	18.74	18.75	78.89	78.85	78.95
2021-01-13	0.82	0.79	0.81	0.39	0.36	0.37	0.08	0.05	0.05	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	12.82	12.78	12.79	18.77	18.74	18.75	78.89	78.85	78.95
2021-01-14	0.81	0.78	0.81	0.39	0.36	0.37	0.08	0.05	0.05	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	12.82	12.78	12.80	18.77	18.74	18.76	78.89	78.85	78.95
2021-01-15	0.81	0.78	0.81	0.39	0.36	0.37	0.08	0.05	0.05	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.54	10.50	10.51	16.42	16.39	16.40	69.60	69.56	69.65
2021-01-16	0.84	0.81	0.84	0.40	0.37	0.38	0.08	0.05	0.05	0.47	0.47	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.54	10.50	10.51	16.42	16.39	16.40	69.60	69.56	69.65
2021-01-17	1.17	1.13	1.22	0.56	0.52	0.56	0.11	0.07	0.07	0.65	0.65	0.71	0.52	0.52	0.56	0.15	0.15	0.17	10.54	10.50	10.51	16.42	16.39	16.41	69.60	69.57	69.65
2021-01-18	1.80	1.74	2.02	0.87	0.80	0.93	0.17	0.11	0.12	1.01	1.00	1.17	0.80	0.80	0.93	0.24	0.24	0.28	10.54	10.50	10.51	16.43	16.39	16.41	69.60	69.57	69.65
2021-01-19	1.27	1.22	1.41	0.61	0.56	0.65	0.12	0.07	0.09	0.71	0.70	0.81	0.56	0.56	0.65	0.17	0.17	0.19	10.54	10.51	10.52	16.43	16.39	16.41	69.60	69.57	69.66
2021-01-20	1.05	1.02	1.16	0.51	0.47	0.54	0.10	0.06	0.08	0.59	0.59	0.66	0.47	0.47	0.53	0.14	0.14	0.16	10.54	10.51	10.52	16.43	16.39	16.41	69.61	69.57	69.66
2021-01-21	1.04	1.00	1.13	0.50	0.46	0.52	0.10	0.06	0.07	0.58	0.58	0.65	0.46	0.46	0.52	0.14	0.14	0.15	10.54	10.51	10.52	16.43	16.39	16.41	69.61	69.57	69.66
2021-01-22	1.02	0.98	1.10	0.49	0.45	0.51	0.10	0.06	0.07	0.57	0.57	0.63	0.45	0.45	0.50	0.13	0.13	0.15	10.54	10.51	10.52	16.43	16.40	16.41	69.61	69.57	69.66
2021-01-23	1.00	0.97	1.08	0.48	0.44	0.50	0.10	0.06	0.07	0.56	0.56	0.62	0.45	0.44	0.49	0.13	0.13	0.15	10.55	10.51	10.52	16.43	16.40	16.41	69.61	69.57	69.66
2021-01-24	0.99	0.95	1.06	0.47	0.44	0.49	0.09	0.06	0.07	0.55	0.55	0.61	0.44	0.44	0.48	0.13	0.13	0.14	10.55	10.51	10.52	16.43	16.40	16.41	69.61	69.58	69.66
2021-01-25	0.97	0.94	1.03	0.47	0.43	0.48	0.09	0.06	0.07	0.54	0.54	0.59	0.43	0.43	0.47	0.13	0.13	0.14	10.55	10.51	10.52	16.43	16.40	16.42	69.61	69.58	69.66
2021-01-26	0.96	0.93	1.01	0.46	0.43	0.47	0.09	0.06	0.06	0.54	0.53	0.58	0.43	0.42	0.46	0.13	0.12	0.14	10.55	10.52	10.52	16.44	16.40	16.42	69.61	69.58	69.66
2021-01-27	0.95	0.91	1.00	0.46	0.42	0.46	0.09	0.06	0.06	0.53	0.53	0.57	0.42	0.42	0.46	0.13	0.12	0.13	10.55	10.52	10.53	16.44	16.40	16.42	69.61	69.58	69.67
2021-01-28	0.94	0.90	0.98	0.45	0.42	0.45	0.09	0.06	0.06	0.52	0.52	0.57	0.42	0.42	0.45	0.12	0.12	0.13	10.55	10.52	10.53	16.44	16.40	16.42	69.62	69.58	69.67
2021-01-29	0.93	0.89	0.97	0.45	0.41	0.44	0.09	0.05	0.06	0.52	0.52	0.56	0.41	0.41	0.44	0.12	0.12	0.13	10.55	10.52	10.53	16.44	16.40	16.42	69.62	69.58	69.67
2021-01-30	0.92	0.88	0.95	0.44	0.41	0.44	0.09	0.05	0.06	0.51	0.51	0.55	0.41	0.41	0.44	0.12	0.12	0.13	10.55	10.52	10.53	16.44	16.40	16.42	69.62	69.58	69.67
2021-01-31	0.91	0.87	0.94	0.44	0.40	0.43	0.09	0.05	0.06	0.51	0.51	0.54	0.40	0.40	0.43	0.12	0.12	0.13	10.56	10.52	10.53	16.44	16.41	16.42	69.62	69.58	69.67
2021-02-01	0.90	0.87	0.93	0.43	0.40	0.43	0.09	0.05	0.06	0.50	0.50	0.54	0.40	0.40	0.43	0.12	0.12	0.13	10.56	10.52	10.51	16.44	16.41	16.38	69.62	69.59	69.49

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2021-03-02	2.91	2.87	4.17	1.40	1.36	1.98	0.28	0.24	0.36	1.63	1.63	2.36	1.29	1.30	1.88	0.38	0.39	0.56	12.08	12.01	18.05	16.98	16.90	25.23	67.07	67.00	98.73
2021-03-03	2.90	2.85	4.27	1.39	1.35	2.02	0.28	0.23	0.36	1.62	1.62	2.42	1.29	1.29	1.93	0.38	0.39	0.58	12.80	12.71	18.62	17.70	17.60	25.80	67.79	67.70	99.31
2021-03-04	2.82	2.79	4.14	1.36	1.32	1.97	0.27	0.24	0.36	1.58	1.58	2.34	1.25	1.26	1.86	0.37	0.38	0.56	10.88	10.83	15.97	15.77	15.73	23.15	65.87	65.83	96.65
2021-03-05	2.58	2.54	3.71	1.24	1.20	1.76	0.25	0.21	0.32	1.44	1.44	2.09	1.15	1.15	1.66	0.34	0.34	0.50	10.85	10.80	15.86	15.74	15.70	23.04	65.84	65.79	96.54
2021-03-06	2.70	2.64	4.15	1.29	1.24	1.96	0.26	0.21	0.34	1.50	1.50	2.35	1.20	1.20	1.87	0.36	0.35	0.56	10.82	10.77	15.77	15.71	15.67	22.95	65.81	65.77	96.45
2021-03-07	2.78	2.72	4.74	1.33	1.28	2.23	0.27	0.21	0.38	1.55	1.55	2.69	1.23	1.23	2.14	0.37	0.37	0.64	10.79	10.75	15.68	15.69	15.64	22.86	65.79	65.74	96.37
2021-03-08	2.55	2.51	4.20	1.23	1.19	2.00	0.24	0.21	0.37	1.43	1.42	2.36	1.13	1.13	1.88	0.34	0.34	0.56	10.77	10.73	15.61	15.66	15.62	22.79	65.76	65.72	96.29
2021-03-09	2.37	2.33	3.72	1.14	1.09	1.76	0.23	0.19	0.32	1.32	1.32	2.10	1.05	1.05	1.67	0.31	0.31	0.50	10.75	10.70	15.54	15.64	15.60	22.72	65.74	65.70	96.22
2021-03-10	2.20	2.16	3.38	1.06	1.02	1.60	0.21	0.17	0.29	1.23	1.22	1.91	0.98	0.98	1.52	0.29	0.29	0.45	10.72	10.68	15.48	15.62	15.58	22.66	65.72	65.68	96.16
2021-03-11	2.06	2.02	3.17	0.99	0.95	1.50	0.20	0.16	0.27	1.15	1.15	1.79	0.91	0.91	1.43	0.27	0.27	0.43	10.70	10.66	15.43	15.60	15.56	22.61	65.70	65.66	96.11
2021-03-12	1.94	1.90	2.94	0.93	0.89	1.39	0.19	0.15	0.25	1.08	1.08	1.66	0.86	0.86	1.32	0.25	0.25	0.40	10.69	10.65	15.42	15.58	15.54	22.60	65.68	65.64	96.10
2021-03-13	1.83	1.79	2.67	0.88	0.84	1.26	0.18	0.14	0.22	1.02	1.02	1.51	0.81	0.81	1.20	0.24	0.24	0.36	10.76	10.71	15.67	15.65	15.61	22.85	65.75	65.71	96.35
2021-03-14	1.73	1.70	2.45	0.83	0.79	1.15	0.17	0.13	0.20	0.97	0.97	1.39	0.77	0.77	1.10	0.23	0.23	0.33	11.89	11.82	17.31	16.78	16.72	24.49	66.88	66.82	98.00
2021-03-15	1.65	1.61	2.26	0.79	0.75	1.07	0.16	0.12	0.18	0.92	0.92	1.28	0.73	0.73	1.02	0.22	0.22	0.30	15.38	15.30	22.51	22.20	22.12	32.51	84.46	84.38	123.86
2021-03-16	1.58	1.54	2.11	0.76	0.72	0.99	0.15	0.11	0.17	0.88	0.88	1.19	0.70	0.70	0.95	0.21	0.21	0.28	14.49	14.44	21.71	21.31	21.25	31.71	83.57	83.51	123.05
2021-03-17	1.51	1.48	1.97	0.73	0.69	0.93	0.15	0.11	0.15	0.84	0.84	1.12	0.67	0.67	0.89	0.20	0.20	0.26	14.28	14.22	21.43	21.09	21.03	31.42	83.35	83.29	122.77
2021-03-18	1.46	1.42	1.85	0.70	0.66	0.87	0.14	0.10	0.14	0.81	0.81	1.05	0.65	0.65	0.84	0.19	0.19	0.25	14.19	14.13	21.12	21.00	20.94	31.12	83.26	83.20	122.46
2021-03-19	1.43	1.39	1.86	0.69	0.65	0.87	0.14	0.10	0.14	0.80	0.80	1.06	0.63	0.63	0.84	0.19	0.19	0.25	14.11	14.05	20.86	20.92	20.86	30.86	83.18	83.12	122.20
2021-03-20	1.57	1.53	2.30	0.75	0.71	1.08	0.15	0.11	0.18	0.87	0.88	1.32	0.70	0.70	1.05	0.21	0.21	0.32	14.03	13.98	20.68	20.85	20.79	30.68	83.11	83.05	122.02
2021-03-21	1.78	1.74	2.91	0.85	0.81	1.37	0.17	0.13	0.23	0.99	1.00	1.66	0.79	0.79	1.32	0.23	0.24	0.40	13.97	13.91	20.52	20.78	20.72	30.52	83.04	82.98	121.86
2021-03-22	1.65	1.62	2.62	0.79	0.76	1.24	0.16	0.12	0.22	0.92	0.92	1.48	0.73	0.73	1.18	0.22	0.22	0.36	13.91	13.85	20.35	20.72	20.67	30.35	82.98	82.92	121.69
2021-03-23	1.63	1.59	2.59	0.78	0.74	1.22	0.16	0.12	0.20	0.91	0.91	1.47	0.72	0.72	1.17	0.21	0.21	0.35	13.85	13.80	20.20	20.66	20.61	30.19	82.92	82.87	121.54
2021-03-24	1.56	1.52	2.44	0.75	0.71	1.15	0.15	0.11	0.20	0.87	0.87	1.38	0.69	0.69	1.10	0.21	0.20	0.33	13.80	13.75	20.06	20.61	20.56	30.06	82.87	82.82	121.40
2021-03-25	1.50	1.46	2.32	0.72	0.68	1.09	0.14	0.11	0.19	0.83	0.83	1.32	0.66	0.66	1.05	0.20	0.20	0.31	13.75	13.70	19.94	20.57	20.52	29.94	82.83	82.78	121.28
2021-03-26	1.74	1.70	2.82	0.84	0.79	1.32	0.17	0.12	0.22	0.97	0.98	1.61	0.77	0.78	1.29	0.23	0.24	0.39	13.71	13.66	19.84	20.53	20.48	29.84	82.78	82.73	121.18
2021-03-27	4.13	4.03	6.27	1.98	1.88	2.94	0.40	0.30	0.47	2.30	2.32	3.60	1.83	1.85	2.87	0.54	0.57	0.87	13.67	13.62	19.75	20.49	20.44	29.74	82.74	82.70	121.09
2021-03-28	6.68	6.57	10.49	3.21	3.10	4.95	0.64	0.53	0.85	3.73	3.74	5.96	2.97	2.98	4.75	0.88	0.90	1.43	13.65	13.60	19.77	20.46	20.42	29.76	82.72	82.67	121.11
2021-03-29	6.32	6.27	10.75	3.03	2.99	5.12	0.61	0.56	0.96	3.52	3.53	6.04	2.81	2.81	4.82	0.83	0.84	1.44	13.65	13.60	19.91	20.46	20.42	29.91	82.72	82.68	121.26
2021-03-30	5.15	5.12	8.59	2.47	2.44	4.12	0.49	0.46	0.81	2.87	2.87	4.80	2.29	2.29	3.82	0.68	0.68	1.14	13.68	13.64	20.11	20.50	20.45	30.11	82.75	82.71	121.45
2021-03-31	4.41	4.37	6.96	2.12	2.08	3.32	0.42	0.38	0.64	2.46	2.46	3.90	1.96	1.96	3.11	0.58	0.58	0.92	13.78	13.74	20.46	20.60	20.56	30.46	82.85	82.81	121.80
2021-04-01	3.85	3.81	6.55	1.85	1.81	3.11	0.37	0.33	0.57	2.15	2.14	3.69	1.71	1.71	2.94	0.51	0.51	0.88	14.15	14.12	31.85	20.97	20.94	47.66	83.22	83.19	192.12
2021-04-02	3.41	3.37	6.74	1.64	1.60	3.20	0.33	0.29	0.59	1.91	1.90	3.81	1.52	1.51	3.04	0.45	0.45	0.92	14.65	14.62	34.19	21.46	21.43	50.00	83.72	83.69	194.45
2021-04-03	3.07	3.03	7.02	1.47	1.43	3.33	0.29	0.25	0.61	1.71	1.71	3.97	1.36	1.36	3.16	0.40	0.40	0.95	14.77	14.75	35.31	21.58	21.56	51.12	83.84	83.82	195.57
2021-04-04	3.05	3.00	8.01	1.46	1.42	3.79	0.29	0.24	0.68	1.70	1.70	4.53	1.35	1.36	3.62	0.40	0.41	1.09	15.08	15.05	36.96	21.89	21.86	52.77	84.15	84.12	197.23
2021-04-05	3.32	3.28	9.93	1.60	1.55	4.71	0.32	0.28	0.85	1.85	1.87	5.63	1.48	1.49	4.49	0.44	0.45	1.36	16.05	16.00	39.59	22.86	22.82	55.40	85.12	85.08	199.86
2021-04-06	3.52	3.47	10.96	1.69	1.65	5.21	0.34	0.30	0.96	1.96	1.97	6.19	1.56	1.57	4.94	0.46	0.48	1.49	16.77	16.72	42.00	23.59	23.54	57.81	85.85	85.79	202.27
2021-04-07	3.87	3.82	11.93	1.86	1.80	5.67	0.37	0.32	1.05	2.16	2.17	6.74	1.72	1.73	5.37	0.51	0.52	1.62	16.73	16.69	41.95	23.54	23.50	57.76	85.80	85.76	202.21
2021-04-08	4.32	4.27	12.68	2.08	2.03	5.97	0.41	0.36	1.01	2.41	2.43	7.18	1.92	1.94	5.72	0.57	0.59	1.70	16.20	16.14	39.08	23.01	22.96	54.89	85.27	85.22	199.35
2021-04-09	4.58	4.53	12.47	2.20	2.15	5.96	0.44	0.39	1.15	2.56	2.57	6.97	2.04	2.05	5.55	0.60	0.62	1.65	15.84	15.79	36.93	22.66	22.60	52.74	84.92	84.86	197.19
2021-04-10	4.36	4.32	10.67	2.09	2.05	5.01	0.42	0.38	0.83	2.43	2.44	6.05	1.94	1.94	4.81	0.57	0.59	1.42	15.63	15.57	36.58	22.44	22.39	52.39	84.70	84.64	196.85
2021-04-11	3.81	3.77	8.52	1.83	1.79	4.13	0.37	0.32	0.89	2.13	2.12	4.72	1.69	1.69	3.76	0.50	0.50	1.13	15.44	15.38	36.74	22.25	22.20	52.55	84.51	84.46	197.01
2021-04-12	3.38	3.34	6.67	1.62	1.58	3.18	0.32	0.28	0.61	1.89	1.88	3.72	1.50	1.50	2.97	0.45	0.44	0.88	15.20	15.15	36.31	22.01	21.97	52.12	84.27	84.23	196.57
2021-04-13	3.04	3.00	5.85	1.46	1.42	2.78	0.29	0.25	0.51	1.70	1.69	3.28	1.35	1.35	2.61	0.40	0.40	0.78	15.00	14.95	36.80	21.81	21.76	52.61</			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2021-05-12	4.49	4.43	4.96	2.16	2.09	2.33	0.43	0.36	0.39	2.51	2.50	2.81	2.00	1.99	2.24	0.59	0.59	0.66	32.00	31.91	20.48	43.50	43.40	28.68	167.65	167.55	117.22
2021-05-13	4.33	4.28	4.60	2.08	2.03	2.18	0.42	0.36	0.40	2.42	2.41	2.58	1.93	1.92	2.06	0.57	0.57	0.61	33.83	33.69	21.04	45.33	45.18	29.24	169.47	169.33	117.78
2021-05-14	3.79	3.75	3.99	1.82	1.78	1.89	0.36	0.32	0.35	2.12	2.10	2.24	1.68	1.68	1.78	0.50	0.49	0.53	35.55	35.42	22.44	47.05	46.91	30.64	171.19	171.06	119.18
2021-05-15	3.48	3.44	3.52	1.67	1.63	1.67	0.33	0.30	0.30	1.94	1.93	1.97	1.55	1.54	1.57	0.46	0.45	0.46	105.54	105.48	72.92	134.97	134.91	93.91	650.72	650.66	461.74
2021-05-16	3.50	3.44	3.14	1.68	1.62	1.48	0.34	0.28	0.26	1.95	1.94	1.76	1.55	1.54	1.40	0.46	0.45	0.41	104.31	104.25	72.65	133.74	133.67	93.64	649.49	649.43	461.47
2021-05-17	3.59	3.53	2.84	1.72	1.66	1.34	0.34	0.28	0.23	2.00	1.99	1.60	1.59	1.59	1.27	0.47	0.47	0.37	103.64	103.57	72.44	133.07	133.00	93.42	648.82	648.75	461.26
2021-05-18	4.05	3.98	2.61	1.95	1.87	1.23	0.39	0.31	0.21	2.26	2.25	1.47	1.80	1.79	1.17	0.53	0.53	0.34	103.81	103.72	72.54	133.23	133.14	93.53	648.99	648.90	461.36
2021-05-19	7.48	7.30	3.83	3.59	3.41	1.79	0.72	0.53	0.28	4.17	4.16	2.18	3.32	3.31	1.73	0.99	0.98	0.51	103.76	103.67	72.63	133.18	133.10	93.62	648.94	648.85	461.45
2021-05-20	10.15	10.01	6.12	4.87	4.74	2.87	0.97	0.84	0.47	5.66	5.64	3.48	4.51	4.49	2.77	1.34	1.33	0.82	103.12	103.05	72.42	132.55	132.48	93.41	648.30	648.24	461.24
2021-05-21	7.39	7.29	4.36	3.55	3.44	2.09	0.71	0.60	0.41	4.12	4.10	2.42	3.28	3.27	1.93	0.97	0.96	0.57	102.54	102.47	72.24	131.97	131.90	93.22	647.72	647.65	461.06
2021-05-22	6.00	5.97	3.77	2.88	2.85	1.79	0.58	0.54	0.32	3.35	3.34	2.12	2.67	2.66	1.68	0.79	0.79	0.50	107.29	107.08	76.76	136.72	136.51	97.75	652.47	652.26	465.59
2021-05-23	5.20	5.15	3.34	2.49	2.45	1.58	0.50	0.45	0.28	2.90	2.89	1.88	2.31	2.30	1.49	0.68	0.68	0.44	114.93	114.73	85.52	144.36	144.16	106.51	660.11	659.91	474.34
2021-05-24	4.95	4.89	3.00	2.37	2.32	1.42	0.47	0.41	0.25	2.76	2.75	1.69	2.20	2.19	1.34	0.65	0.65	0.39	108.42	108.42	79.32	137.85	137.85	100.31	653.60	653.60	468.14
2021-05-25	4.95	4.88	2.72	2.37	2.31	1.28	0.47	0.41	0.22	2.76	2.75	1.53	2.20	2.19	1.22	0.65	0.64	0.36	106.35	106.28	77.55	135.78	135.71	98.53	651.53	651.46	466.37
2021-05-26	5.14	5.07	2.49	2.47	2.39	1.17	0.49	0.42	0.20	2.87	2.86	1.40	2.28	2.27	1.12	0.68	0.67	0.33	104.90	104.83	76.32	134.32	134.25	97.31	650.08	650.01	465.15
2021-05-27	5.23	5.16	2.30	2.51	2.44	1.08	0.50	0.43	0.18	2.92	2.91	1.30	2.32	2.31	1.03	0.69	0.68	0.30	103.83	103.76	75.41	133.25	133.19	96.39	649.01	648.94	464.23
2021-05-28	4.94	4.88	2.14	2.37	2.31	1.00	0.47	0.41	0.17	2.76	2.75	1.21	2.20	2.19	0.96	0.65	0.64	0.28	103.01	102.94	74.70	132.44	132.37	95.68	648.19	648.12	463.52
2021-05-29	4.46	4.41	2.00	2.14	2.09	0.94	0.43	0.38	0.15	2.49	2.48	1.13	1.98	1.97	0.90	0.59	0.58	0.26	102.37	102.31	74.13	131.80	131.74	95.12	647.55	647.49	462.96
2021-05-30	3.93	3.89	1.88	1.89	1.84	0.88	0.38	0.33	0.14	2.19	2.18	1.06	1.75	1.74	0.84	0.52	0.51	0.25	102.02	101.95	73.68	131.44	131.38	94.67	647.20	647.13	462.50
2021-05-31	3.48	3.44	1.77	1.67	1.63	0.83	0.33	0.29	0.13	1.94	1.93	1.00	1.55	1.54	0.80	0.46	0.45	0.23	102.43	102.34	73.93	131.85	131.77	94.92	647.61	647.53	462.75
2021-06-01	3.12	3.07	1.68	1.50	1.45	0.79	0.30	0.26	0.12	1.74	1.73	0.95	1.38	1.38	0.76	0.41	0.40	0.22	102.60	102.52	79.88	132.03	131.95	102.61	647.78	647.70	500.92
2021-06-02	2.83	2.79	1.60	1.36	1.32	0.75	0.27	0.23	0.12	1.58	1.57	0.91	1.26	1.25	0.72	0.37	0.37	0.21	102.04	101.98	79.43	131.47	131.41	102.16	647.22	647.16	500.47
2021-06-03	2.92	2.87	1.60	1.40	1.35	0.75	0.28	0.23	0.12	1.63	1.62	0.91	1.30	1.29	0.72	0.38	0.38	0.21	101.59	101.53	79.05	131.02	130.96	101.78	646.77	646.71	500.10
2021-06-04	3.08	3.03	1.59	1.48	1.43	0.74	0.30	0.24	0.12	1.72	1.71	0.90	1.37	1.36	0.72	0.41	0.40	0.21	101.22	101.16	78.74	130.65	130.59	101.47	646.40	646.34	499.78
2021-06-05	2.90	2.86	1.52	1.39	1.35	0.71	0.28	0.23	0.11	1.62	1.61	0.86	1.29	1.28	0.69	0.38	0.38	0.20	100.91	100.85	78.48	130.34	130.28	101.20	646.09	646.03	499.52
2021-06-06	2.65	2.61	1.46	1.27	1.23	0.68	0.25	0.21	0.10	1.48	1.47	0.83	1.18	1.17	0.66	0.35	0.34	0.19	100.65	100.59	78.25	130.07	130.02	100.98	645.83	645.77	499.29
2021-06-07	2.67	2.62	1.45	1.28	1.23	0.68	0.26	0.21	0.10	1.49	1.48	0.82	1.19	1.18	0.65	0.35	0.35	0.19	100.42	100.37	78.05	129.85	129.79	100.78	645.60	645.55	499.10
2021-06-08	2.68	2.63	1.44	1.29	1.24	0.67	0.26	0.21	0.10	1.49	1.49	0.82	1.19	1.18	0.65	0.35	0.35	0.19	100.23	100.17	77.89	129.66	129.60	100.61	645.41	645.35	498.93
2021-06-09	2.46	2.42	1.39	1.18	1.14	0.65	0.24	0.19	0.10	1.37	1.36	0.79	1.09	1.09	0.63	0.32	0.32	0.18	100.06	100.01	77.74	129.49	129.43	100.46	645.24	645.19	498.78
2021-06-10	2.28	2.24	1.34	1.10	1.05	0.62	0.22	0.18	0.09	1.27	1.26	0.76	1.01	1.01	0.60	0.30	0.29	0.17	99.92	99.86	77.61	129.34	129.29	100.33	645.10	645.04	498.65
2021-06-11	2.13	2.09	1.29	1.02	0.98	0.60	0.20	0.16	0.09	1.19	1.18	0.73	0.95	0.94	0.58	0.28	0.27	0.17	99.80	99.75	77.49	129.23	129.18	100.22	644.98	644.93	498.54
2021-06-12	2.00	1.96	1.25	0.96	0.92	0.58	0.19	0.15	0.09	1.11	1.10	0.71	0.89	0.88	0.57	0.26	0.26	0.16	99.70	99.65	77.39	129.13	129.08	100.12	644.88	644.83	498.43
2021-06-13	2.02	1.97	1.24	0.97	0.92	0.58	0.19	0.15	0.08	1.12	1.12	0.71	0.90	0.89	0.56	0.27	0.26	0.16	99.61	99.56	77.30	129.04	128.99	100.03	644.79	644.74	498.34
2021-06-14	2.02	1.98	1.24	0.97	0.93	0.57	0.19	0.15	0.08	1.13	1.12	0.70	0.90	0.89	0.56	0.27	0.26	0.16	99.53	99.48	77.22	128.96	128.90	99.94	644.71	644.66	498.26
2021-06-15	1.91	1.87	1.20	0.91	0.87	0.56	0.18	0.14	0.08	1.06	1.05	0.68	0.85	0.84	0.54	0.25	0.24	0.16	152.33	152.28	117.99	187.26	187.21	144.97	1003.12	1003.07	775.06
2021-06-16	1.88	1.83	1.17	0.90	0.86	0.54	0.18	0.14	0.08	1.05	1.04	0.66	0.83	0.83	0.53	0.25	0.24	0.15	152.26	152.20	117.92	187.18	187.13	144.90	1003.04	1002.99	774.99
2021-06-17	2.00	1.95	1.18	0.96	0.91	0.55	0.19	0.15	0.08	1.11	1.11	0.67	0.89	0.88	0.53	0.26	0.26	0.15	152.18	152.13	117.86	187.11	187.06	144.84	1002.97	1002.92	774.93
2021-06-18	2.03	1.99	1.18	0.97	0.93	0.55	0.19	0.15	0.08	1.13	1.12	0.67	0.90	0.89	0.53	0.27	0.26	0.15	152.12	152.07	117.81	187.05	187.00	144.78	1002.91	1002.86	774.87
2021-06-19	1.96	1.92	1.15	0.94	0.90	0.53	0.19	0.15	0.08	1.09	1.08	0.66	0.87	0.86	0.52	0.26	0.25	0.15	174.78	174.15	132.30	209.71	209.08	159.28	1025.57	1024.94	789.36
2021-06-20	1.89	1.85	1.13	0.91	0.87	0.52	0.18	0.14	0.08	1.06	1.05	0.64	0.84	0.83	0.51	0.25	0.24	0.15	230.55	229.26	167.00	265.48	264.19	193.97	1081.34	1080.05	824.06
2021-06-21	1.79	1.75	1.10	0.86	0.82	0.51	0.17	0.13	0.07	1.00	0.99	0.63	0.80	0.79	0.50	0.24	0.23	0.14	186.04	186.05	141.68	220.97	220.98	168.65	1036.83	1036.84	798.74
2021-06-22	1.70	1.66	1.08	0.82	0.78	0.50	0.16	0.12	0.07	0.95	0.94	0.61	0.76	0.75	0.49	0.22	0.22	0.14	172.53	172.80	133.48	207.46	207.73	160.45	1023.32	1023.59	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2021-07-22	1.72	1.68	1.45	0.82	0.79	0.68	0.16	0.13	0.10	0.96	0.95	0.82	0.76	0.76	0.65	0.23	0.22	0.19	70.24	70.19	66.25	92.13	92.08	86.90	559.12	559.06	527.46
2021-07-23	1.67	1.63	1.41	0.80	0.76	0.66	0.16	0.12	0.10	0.93	0.93	0.80	0.74	0.74	0.64	0.22	0.21	0.18	70.15	70.10	66.17	92.04	91.99	86.82	559.03	558.97	527.37
2021-07-24	1.63	1.59	1.38	0.78	0.74	0.64	0.16	0.12	0.10	0.91	0.90	0.78	0.72	0.72	0.62	0.21	0.21	0.18	70.07	70.02	66.10	91.96	91.91	86.75	558.95	558.89	527.30
2021-07-25	1.59	1.56	1.35	0.77	0.73	0.63	0.15	0.11	0.09	0.89	0.88	0.76	0.71	0.70	0.61	0.21	0.20	0.18	70.00	69.95	66.03	91.89	91.84	86.69	558.87	558.82	527.24
2021-07-26	1.56	1.52	1.32	0.75	0.71	0.61	0.15	0.11	0.09	0.87	0.86	0.75	0.69	0.69	0.59	0.21	0.20	0.17	69.93	69.88	65.98	91.82	91.77	86.63	558.81	558.76	527.18
2021-07-27	1.50	1.46	1.27	0.72	0.68	0.59	0.14	0.10	0.09	0.83	0.83	0.72	0.66	0.66	0.57	0.20	0.19	0.17	69.87	69.82	65.92	91.77	91.71	86.57	558.75	558.70	527.13
2021-07-28	1.44	1.40	1.23	0.69	0.65	0.57	0.14	0.10	0.08	0.80	0.79	0.70	0.64	0.63	0.56	0.19	0.18	0.16	69.82	69.77	65.87	91.71	91.66	86.52	558.69	558.64	527.08
2021-07-29	1.39	1.35	1.20	0.67	0.63	0.56	0.13	0.10	0.08	0.77	0.77	0.68	0.62	0.61	0.54	0.18	0.18	0.16	69.85	69.80	65.89	91.74	91.69	86.54	558.72	558.67	527.09
2021-07-30	1.34	1.31	1.17	0.64	0.61	0.54	0.13	0.09	0.08	0.75	0.74	0.66	0.60	0.59	0.53	0.18	0.17	0.15	69.87	69.82	65.90	91.76	91.72	86.55	558.75	558.70	527.10
2021-07-31	1.30	1.26	1.14	0.62	0.59	0.53	0.12	0.09	0.08	0.73	0.72	0.65	0.58	0.57	0.51	0.17	0.16	0.15	69.82	69.77	65.85	91.71	91.66	86.50	558.69	558.64	527.05
2021-08-01	1.26	1.23	1.11	0.61	0.57	0.51	0.12	0.08	0.07	0.70	0.70	0.63	0.56	0.55	0.50	0.17	0.16	0.14	71.42	71.33	64.23	93.31	93.22	83.93	560.30	560.20	504.31
2021-08-02	1.23	1.19	1.09	0.59	0.55	0.50	0.12	0.08	0.07	0.69	0.68	0.62	0.55	0.54	0.49	0.16	0.16	0.14	74.16	74.04	66.53	96.05	95.93	86.24	563.03	562.91	506.62
2021-08-03	1.20	1.16	1.06	0.57	0.54	0.49	0.11	0.08	0.07	0.67	0.66	0.60	0.53	0.52	0.48	0.16	0.15	0.14	71.49	71.48	64.30	93.38	93.37	84.01	560.36	560.35	504.39
2021-08-04	1.17	1.13	1.04	0.56	0.52	0.48	0.11	0.07	0.07	0.65	0.64	0.59	0.52	0.51	0.47	0.15	0.15	0.13	71.25	71.19	64.07	93.14	93.08	83.78	560.12	560.06	504.16
2021-08-05	1.14	1.11	1.02	0.55	0.51	0.47	0.11	0.07	0.07	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	71.82	71.74	64.50	93.71	93.63	84.21	560.70	560.62	504.59
2021-08-06	1.12	1.08	1.00	0.54	0.50	0.46	0.11	0.07	0.06	0.62	0.62	0.57	0.50	0.49	0.45	0.15	0.14	0.13	73.53	73.43	65.79	95.42	95.32	85.50	562.40	562.30	505.88
2021-08-07	1.09	1.06	0.99	0.53	0.49	0.45	0.10	0.07	0.06	0.61	0.60	0.56	0.49	0.48	0.45	0.14	0.14	0.13	72.61	72.56	65.09	94.50	94.45	84.80	561.48	561.43	505.17
2021-08-08	1.07	1.04	0.97	0.52	0.48	0.45	0.10	0.07	0.06	0.60	0.59	0.55	0.48	0.47	0.44	0.14	0.13	0.13	72.18	72.12	64.77	94.07	94.01	84.48	561.06	561.00	504.86
2021-08-09	1.05	1.02	0.95	0.51	0.47	0.44	0.10	0.06	0.06	0.59	0.58	0.54	0.47	0.46	0.43	0.14	0.13	0.12	71.83	71.77	64.51	93.72	93.66	84.22	560.70	560.64	504.59
2021-08-10	1.04	1.00	0.94	0.50	0.46	0.43	0.10	0.06	0.06	0.58	0.57	0.54	0.46	0.45	0.43	0.14	0.13	0.12	71.53	71.47	64.29	93.42	93.36	83.99	560.41	560.35	504.37
2021-08-11	1.12	1.08	1.01	0.54	0.50	0.46	0.11	0.07	0.06	0.62	0.62	0.58	0.50	0.49	0.46	0.15	0.14	0.13	71.28	71.23	64.10	93.17	93.12	83.80	560.16	560.10	504.18
2021-08-12	1.48	1.44	1.30	0.71	0.66	0.60	0.14	0.09	0.08	0.83	0.82	0.74	0.66	0.65	0.59	0.20	0.19	0.17	71.07	71.01	63.93	92.96	92.90	83.63	559.94	559.88	504.01
2021-08-13	1.17	1.14	1.04	0.56	0.53	0.49	0.11	0.08	0.07	0.65	0.64	0.59	0.52	0.51	0.47	0.15	0.15	0.14	70.88	70.82	63.78	92.77	92.71	83.49	559.75	559.70	503.87
2021-08-14	1.14	1.10	1.02	0.55	0.51	0.47	0.11	0.07	0.06	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	70.72	70.66	63.65	92.61	92.55	83.36	559.59	559.54	503.74
2021-08-15	1.12	1.08	1.00	0.54	0.50	0.46	0.11	0.07	0.06	0.62	0.62	0.57	0.50	0.49	0.45	0.15	0.14	0.13	31.91	31.86	28.73	43.49	43.44	39.16	242.99	242.94	218.75
2021-08-16	1.09	1.06	0.98	0.53	0.49	0.45	0.10	0.07	0.06	0.61	0.60	0.56	0.49	0.48	0.45	0.14	0.14	0.13	31.79	31.73	28.63	43.37	43.31	39.05	242.86	242.81	218.64
2021-08-17	1.07	1.04	0.97	0.52	0.48	0.45	0.10	0.07	0.06	0.60	0.59	0.55	0.48	0.47	0.44	0.14	0.13	0.13	31.67	31.62	28.54	43.26	43.20	38.96	242.75	242.70	218.55
2021-08-18	1.05	1.02	0.95	0.51	0.47	0.44	0.10	0.06	0.06	0.59	0.58	0.54	0.47	0.46	0.43	0.14	0.13	0.12	31.58	31.52	28.46	43.16	43.10	38.88	242.65	242.60	218.47
2021-08-19	1.04	1.00	0.94	0.50	0.46	0.43	0.10	0.06	0.06	0.58	0.57	0.54	0.46	0.45	0.43	0.14	0.13	0.12	31.49	31.43	28.38	43.07	43.02	38.81	242.57	242.51	218.40
2021-08-20	1.02	0.98	0.93	0.49	0.45	0.43	0.10	0.06	0.06	0.57	0.56	0.53	0.45	0.45	0.42	0.13	0.13	0.12	31.41	31.35	28.32	42.99	42.94	38.74	242.49	242.43	218.33
2021-08-21	1.00	0.97	0.91	0.48	0.45	0.42	0.10	0.06	0.06	0.56	0.55	0.52	0.45	0.44	0.41	0.13	0.13	0.12	31.33	31.28	28.26	42.92	42.86	38.68	242.41	242.36	218.27
2021-08-22	0.99	0.95	0.90	0.47	0.44	0.42	0.09	0.06	0.06	0.55	0.54	0.52	0.44	0.43	0.41	0.13	0.12	0.12	31.27	31.22	28.20	42.85	42.80	38.63	242.35	242.30	218.21
2021-08-23	0.97	0.94	0.89	0.47	0.43	0.41	0.09	0.06	0.05	0.54	0.54	0.51	0.43	0.43	0.40	0.13	0.12	0.12	31.21	31.16	28.15	42.79	42.74	38.58	242.29	242.24	218.16
2021-08-24	0.96	0.93	0.88	0.46	0.43	0.41	0.09	0.06	0.05	0.54	0.53	0.50	0.43	0.42	0.40	0.13	0.12	0.11	31.28	31.23	28.19	42.86	42.81	38.62	242.36	242.31	218.21
2021-08-25	0.95	0.91	0.87	0.46	0.42	0.40	0.09	0.06	0.05	0.53	0.52	0.50	0.42	0.41	0.40	0.12	0.12	0.11	32.05	31.98	28.74	43.63	43.56	39.16	243.12	243.06	218.75
2021-08-26	0.94	0.90	0.87	0.45	0.42	0.40	0.09	0.06	0.05	0.52	0.52	0.49	0.42	0.41	0.39	0.12	0.12	0.11	32.31	32.25	28.99	43.89	43.83	39.41	243.39	243.33	219.00
2021-08-27	0.93	0.89	0.86	0.44	0.41	0.39	0.09	0.05	0.05	0.52	0.51	0.49	0.41	0.40	0.39	0.12	0.12	0.11	31.75	31.71	28.55	43.33	43.29	38.98	242.83	242.79	218.57
2021-08-28	1.00	0.96	0.92	0.48	0.44	0.42	0.10	0.06	0.06	0.56	0.55	0.52	0.44	0.44	0.42	0.13	0.12	0.12	31.65	31.59	28.46	43.23	43.17	38.89	242.72	242.67	218.48
2021-08-29	2.38	2.30	2.04	1.14	1.06	0.94	0.23	0.14	0.12	1.33	1.32	1.17	1.06	1.05	0.93	0.31	0.31	0.27	31.55	31.50	28.39	43.13	43.08	38.82	242.63	242.58	218.40
2021-08-30	3.43	3.35	2.95	1.65	1.57	1.38	0.33	0.25	0.22	1.91	1.90	1.68	1.52	1.52	1.34	0.45	0.45	0.39	31.46	31.41	28.32	43.04	42.99	38.75	242.54	242.49	218.34
2021-08-31	1.82	1.83	1.59	0.87	0.88	0.76	0.17	0.18	0.15	1.02	1.01	0.88	0.81	0.80	0.70	0.24	0.24	0.20	31.39	31.34	28.26	42.97	42.92	38.69	242.47	242.42	218.28
2021-09-01	1.73	1.69	1.48	0.83	0.79	0.69	0.17	0.13	0.11	0.96	0.96	0.84	0.77	0.76	0.67	0.23	0.22	0.19	31.32	31.27	28.89	42.90	42.85	39.59	242.40	242.35	223.84
2021-09-02	1.65	1.61	1.43	0.79	0.75	0.66	0.16	0.12	0.10	0.92	0.91	0.81	0.73	0.72	0.64	0.22	0.21	0.19									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2021-10-01	5.74	5.63	5.66	2.75	2.65	2.66	0.55	0.44	0.44	3.20	3.19	3.21	2.55	2.54	2.56	0.76	0.75	0.76	29.56	29.48	28.10	38.29	38.21	36.46	171.14	171.06	163.58
2021-10-02	4.11	4.10	4.19	1.97	1.96	2.00	0.39	0.38	0.39	2.29	2.28	2.33	1.82	1.82	1.86	0.54	0.54	0.55	27.52	27.45	26.19	36.26	36.19	34.55	169.11	169.03	161.67
2021-10-03	3.62	3.57	3.65	1.74	1.69	1.73	0.35	0.31	0.31	2.02	2.00	2.05	1.61	1.60	1.63	0.48	0.47	0.48	25.95	25.88	24.75	34.69	34.62	33.10	167.53	167.47	160.23
2021-10-04	3.23	3.19	3.24	1.55	1.51	1.54	0.31	0.27	0.27	1.80	1.79	1.82	1.43	1.43	1.45	0.43	0.42	0.43	24.76	24.69	23.65	33.49	33.43	32.01	166.34	166.28	159.13
2021-10-05	2.92	2.88	2.92	1.40	1.36	1.38	0.28	0.24	0.24	1.63	1.62	1.64	1.30	1.29	1.31	0.38	0.38	0.38	23.86	23.80	22.81	32.60	32.53	31.17	165.44	165.38	158.29
2021-10-06	2.83	2.78	2.79	1.36	1.31	1.31	0.27	0.22	0.23	1.58	1.57	1.57	1.26	1.25	1.25	0.37	0.37	0.37	23.16	23.10	22.17	31.90	31.83	30.53	164.75	164.68	157.65
2021-10-07	2.73	2.69	2.67	1.31	1.27	1.26	0.26	0.22	0.22	1.53	1.52	1.50	1.21	1.21	1.20	0.36	0.35	0.35	22.93	22.86	21.94	31.66	31.59	30.30	164.51	164.44	157.42
2021-10-08	2.83	2.78	2.73	1.36	1.31	1.28	0.27	0.22	0.22	1.58	1.57	1.54	1.26	1.25	1.23	0.37	0.37	0.36	22.70	22.64	21.74	31.44	31.37	30.10	164.28	164.22	157.22
2021-10-09	2.90	2.85	2.78	1.39	1.34	1.31	0.28	0.23	0.22	1.62	1.61	1.57	1.29	1.28	1.25	0.38	0.38	0.37	22.24	22.17	21.30	30.97	30.91	29.66	163.82	163.76	156.78
2021-10-10	2.64	2.60	2.54	1.27	1.23	1.20	0.25	0.21	0.21	1.48	1.47	1.43	1.17	1.17	1.14	0.35	0.34	0.33	22.20	22.14	21.15	30.94	30.87	29.51	163.79	163.72	156.63
2021-10-11	2.43	2.39	2.34	1.17	1.13	1.10	0.23	0.19	0.19	1.36	1.35	1.32	1.08	1.07	1.05	0.32	0.31	0.31	22.15	22.08	21.01	30.88	30.82	29.37	163.73	163.67	156.49
2021-10-12	2.26	2.22	2.17	1.08	1.04	1.02	0.22	0.18	0.17	1.26	1.25	1.23	1.00	1.00	0.97	0.30	0.29	0.28	21.78	21.72	20.69	30.52	30.46	29.05	163.36	163.30	156.17
2021-10-13	2.11	2.07	2.03	1.01	0.97	0.95	0.20	0.16	0.16	1.18	1.17	1.15	0.94	0.93	0.91	0.28	0.27	0.27	21.47	21.42	20.43	30.21	30.15	28.78	163.06	163.00	155.91
2021-10-14	1.98	1.94	1.91	0.95	0.91	0.90	0.19	0.15	0.15	1.10	1.10	1.08	0.88	0.87	0.86	0.26	0.25	0.25	21.21	21.16	20.20	29.95	29.89	28.56	162.80	162.74	155.68
2021-10-15	1.87	1.83	1.80	0.90	0.86	0.84	0.18	0.14	0.14	1.04	1.03	1.02	0.83	0.82	0.81	0.25	0.24	0.24	20.23	20.17	19.27	28.41	28.35	27.09	139.38	139.32	133.28
2021-10-16	1.77	1.73	1.70	0.85	0.81	0.80	0.17	0.13	0.13	0.99	0.98	0.96	0.79	0.78	0.77	0.23	0.23	0.22	20.07	20.01	19.12	28.25	28.19	26.94	139.22	139.16	133.13
2021-10-17	1.69	1.65	1.62	0.81	0.77	0.76	0.16	0.12	0.12	0.94	0.93	0.92	0.75	0.74	0.73	0.22	0.22	0.21	19.90	19.84	18.97	28.07	28.02	26.79	139.04	138.99	132.98
2021-10-18	1.61	1.57	1.55	0.77	0.74	0.72	0.15	0.12	0.11	0.90	0.89	0.88	0.72	0.71	0.70	0.21	0.21	0.20	19.74	19.69	18.84	27.92	27.86	26.66	138.89	138.84	132.85
2021-10-19	1.54	1.51	1.48	0.74	0.70	0.69	0.15	0.11	0.11	0.86	0.85	0.84	0.69	0.68	0.67	0.20	0.20	0.19	19.61	19.55	18.71	27.78	27.73	26.53	138.75	138.70	132.72
2021-10-20	1.48	1.44	1.42	0.71	0.67	0.66	0.14	0.10	0.10	0.83	0.82	0.81	0.66	0.65	0.64	0.20	0.19	0.19	19.49	19.44	18.60	27.66	27.61	26.43	138.63	138.58	132.62
2021-10-21	1.43	1.39	1.37	0.69	0.65	0.64	0.14	0.10	0.10	0.80	0.79	0.78	0.63	0.63	0.62	0.19	0.18	0.18	19.38	19.33	18.51	27.56	27.50	26.33	138.53	138.48	132.52
2021-10-22	1.38	1.34	1.32	0.66	0.62	0.62	0.13	0.09	0.09	0.77	0.76	0.75	0.61	0.61	0.60	0.18	0.18	0.17	19.29	19.23	18.42	27.46	27.41	26.25	138.43	138.38	132.44
2021-10-23	1.33	1.30	1.28	0.64	0.60	0.60	0.13	0.09	0.09	0.74	0.74	0.73	0.59	0.59	0.58	0.18	0.17	0.17	19.20	19.15	18.35	27.38	27.32	26.17	138.35	138.30	132.36
2021-10-24	1.31	1.27	1.25	0.63	0.59	0.58	0.13	0.09	0.09	0.73	0.72	0.71	0.58	0.58	0.57	0.17	0.17	0.16	19.12	19.07	18.29	27.30	27.25	26.11	138.27	138.22	132.30
2021-10-25	1.50	1.46	1.48	0.72	0.68	0.69	0.14	0.10	0.10	0.84	0.83	0.85	0.67	0.66	0.67	0.20	0.19	0.20	19.05	19.00	18.22	27.23	27.18	26.04	138.20	138.15	132.23
2021-10-26	2.53	2.45	2.71	1.21	1.14	1.26	0.24	0.17	0.18	1.41	1.40	1.55	1.12	1.12	1.23	0.33	0.33	0.36	19.06	19.01	18.21	27.23	27.18	26.04	138.21	138.15	132.22
2021-10-27	2.32	2.28	2.54	1.11	1.08	1.20	0.22	0.19	0.21	1.29	1.29	1.43	1.03	1.02	1.14	0.31	0.30	0.34	19.06	19.01	18.20	27.24	27.19	26.03	138.21	138.16	132.21
2021-10-28	2.11	2.07	2.20	1.01	0.98	1.04	0.20	0.16	0.18	1.18	1.17	1.24	0.94	0.93	0.99	0.28	0.27	0.29	19.00	18.94	18.14	27.17	27.12	25.96	138.14	138.09	132.15
2021-10-29	2.31	2.26	2.19	1.11	1.06	1.03	0.22	0.17	0.17	1.29	1.28	1.24	1.03	1.02	0.99	0.30	0.30	0.29	18.94	18.88	18.08	27.11	27.05	25.91	138.08	138.02	132.09
2021-10-30	2.34	2.29	2.08	1.12	1.08	0.98	0.22	0.18	0.16	1.31	1.30	1.17	1.04	1.03	0.93	0.31	0.30	0.27	18.88	18.83	18.04	27.06	27.00	25.86	138.03	137.97	132.05
2021-10-31	2.18	2.13	1.94	1.05	1.00	0.91	0.21	0.16	0.14	1.22	1.20	1.10	0.97	0.96	0.87	0.29	0.28	0.25	18.84	18.78	17.99	27.01	26.95	25.82	137.98	137.93	132.00
2021-11-01	2.04	1.99	1.83	0.98	0.93	0.85	0.20	0.15	0.13	1.14	1.13	1.03	0.91	0.89	0.82	0.27	0.26	0.24	18.79	18.75	18.47	26.97	26.93	25.84	137.94	137.90	136.04
2021-11-02	1.92	1.88	1.74	0.92	0.88	0.81	0.18	0.14	0.13	1.07	1.06	0.98	0.85	0.85	0.78	0.25	0.25	0.23	18.75	18.70	18.43	26.93	26.88	26.50	137.90	137.85	136.01
2021-11-03	1.88	1.83	1.71	0.90	0.86	0.80	0.18	0.14	0.13	1.05	1.04	0.97	0.83	0.83	0.77	0.25	0.24	0.23	18.71	18.67	18.40	26.89	26.84	26.47	137.86	137.81	135.98
2021-11-04	1.95	1.91	1.80	0.93	0.90	0.85	0.19	0.15	0.14	1.09	1.09	1.03	0.86	0.87	0.82	0.26	0.26	0.25	18.68	18.63	18.37	26.85	26.80	26.43	137.82	137.77	135.94
2021-11-05	1.94	1.90	1.79	0.93	0.89	0.84	0.19	0.14	0.13	1.08	1.08	1.02	0.86	0.86	0.81	0.26	0.26	0.24	18.64	18.60	18.34	26.82	26.77	26.40	137.79	137.74	135.91
2021-11-06	1.84	1.79	1.70	0.88	0.84	0.79	0.18	0.13	0.12	1.02	1.02	0.97	0.82	0.81	0.77	0.24	0.24	0.23	18.61	18.57	18.31	26.79	26.74	26.38	137.76	137.71	135.88
2021-11-07	1.74	1.69	1.61	0.84	0.79	0.75	0.17	0.12	0.11	0.97	0.96	0.92	0.77	0.77	0.73	0.23	0.22	0.21	18.59	18.54	18.29	26.76	26.72	26.35	137.73	137.69	135.86
2021-11-08	1.66	1.61	1.53	0.80	0.74	0.71	0.16	0.11	0.10	0.93	0.91	0.87	0.74	0.73	0.69	0.22	0.21	0.20	18.56	18.51	18.26	26.74	26.69	26.33	137.71	137.66	135.84
2021-11-09	1.58	1.53	1.46	0.76	0.71	0.68	0.15	0.10	0.09	0.88	0.87	0.83	0.70	0.69	0.66	0.21	0.20	0.19	18.54	18.49	18.24	26.71	26.67	26.31	137.68	137.64	135.82
2021-11-10	1.52	1.47	1.41	0.73	0.68	0.65	0.15	0.09	0.09	0.85	0.84	0.80	0.67	0.66	0.64	0.20	0.19	0.18	18.51	18.47	18.22	26.69	26.64	26.29	137.66	137.61	135.79
2021-11-11	1.46	1.41	1.36	0.70	0.65	0.63	0.14	0.09	0.09	0.81	0.81	0.78	0.65	0.64	0.62	0.19	0.18	0.18	18.49	18.45	18.20	26.67	26.62	26.27	137.64	137.59	135.77
2021-11-12	1.41	1.36	1.31	0.68	0.63	0.60	0.13	0.09	0.08	0.79	0.78	0.75	0.63	0.62	0.59	0.19	0.18	0.17									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2021-12-11	1.07	1.03	1.02	0.51	0.47	0.47	0.10	0.06	0.06	0.60	0.59	0.59	0.47	0.47	0.47	0.14	0.14	0.14	18.40	18.36	18.37	27.07	27.03	27.03	122.91	122.87	122.89
2021-12-12	1.05	1.01	1.00	0.50	0.46	0.46	0.10	0.06	0.06	0.59	0.58	0.58	0.47	0.46	0.46	0.14	0.13	0.13	18.40	18.37	18.37	27.07	27.03	27.04	122.91	122.87	122.89
2021-12-13	1.03	0.99	0.99	0.50	0.46	0.45	0.10	0.06	0.06	0.58	0.57	0.57	0.46	0.45	0.45	0.14	0.13	0.13	18.40	18.37	18.37	27.07	27.03	27.04	122.91	122.88	122.89
2021-12-14	1.01	0.98	0.97	0.49	0.45	0.45	0.10	0.06	0.06	0.57	0.56	0.56	0.45	0.45	0.44	0.13	0.13	0.13	18.41	18.37	18.37	27.07	27.04	27.04	122.91	122.88	122.89
2021-12-15	1.00	0.96	0.96	0.48	0.44	0.44	0.10	0.06	0.06	0.56	0.56	0.55	0.44	0.44	0.44	0.13	0.13	0.13	13.67	13.64	13.64	19.91	19.87	19.88	83.73	83.69	83.71
2021-12-16	0.98	0.95	0.94	0.47	0.44	0.43	0.09	0.06	0.06	0.55	0.55	0.54	0.44	0.43	0.43	0.13	0.13	0.13	13.75	13.71	13.73	19.98	19.95	19.96	83.81	83.77	83.79
2021-12-17	0.97	0.93	0.93	0.47	0.43	0.43	0.09	0.06	0.06	0.54	0.54	0.54	0.43	0.43	0.43	0.13	0.13	0.13	13.63	13.59	13.60	19.86	19.83	19.84	83.68	83.65	83.67
2021-12-18	0.96	0.92	0.92	0.46	0.42	0.42	0.09	0.06	0.06	0.53	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	13.62	13.59	13.59	19.86	19.82	19.83	83.68	83.65	83.66
2021-12-19	0.95	0.91	0.91	0.45	0.42	0.42	0.09	0.06	0.06	0.53	0.52	0.52	0.42	0.42	0.41	0.12	0.12	0.12	13.61	13.57	13.58	19.84	19.81	19.81	83.67	83.63	83.64
2021-12-20	0.93	0.90	0.90	0.45	0.41	0.41	0.09	0.05	0.05	0.52	0.52	0.52	0.42	0.41	0.41	0.12	0.12	0.12	13.61	13.57	13.57	19.84	19.81	19.81	83.67	83.63	83.64
2021-12-21	0.93	0.89	0.89	0.45	0.41	0.41	0.09	0.05	0.05	0.52	0.52	0.51	0.41	0.41	0.41	0.12	0.12	0.12	13.61	13.57	13.57	19.84	19.81	19.81	83.67	83.63	83.64
2021-12-22	0.92	0.89	0.88	0.44	0.41	0.41	0.09	0.05	0.05	0.51	0.51	0.51	0.41	0.41	0.41	0.12	0.12	0.12	13.61	13.57	13.58	19.85	19.81	19.81	83.67	83.63	83.64
2021-12-23	0.91	0.88	0.88	0.44	0.40	0.40	0.09	0.05	0.05	0.51	0.51	0.51	0.41	0.40	0.40	0.12	0.12	0.12	13.61	13.58	13.58	19.85	19.81	19.81	83.67	83.63	83.64
2021-12-24	0.90	0.87	0.87	0.43	0.40	0.40	0.09	0.05	0.05	0.50	0.50	0.50	0.40	0.40	0.40	0.12	0.12	0.12	13.61	13.58	13.58	19.85	19.81	19.81	83.67	83.64	83.64
2021-12-25	0.89	0.86	0.86	0.43	0.40	0.39	0.09	0.05	0.05	0.50	0.50	0.50	0.40	0.40	0.39	0.12	0.12	0.12	13.61	13.58	13.58	19.85	19.81	19.82	83.67	83.64	83.65
2021-12-26	0.89	0.85	0.85	0.43	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.12	0.12	13.62	13.58	13.58	19.85	19.81	19.82	83.67	83.64	83.65
2021-12-27	0.88	0.85	0.84	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.12	0.11	13.67	13.63	13.64	19.90	19.87	19.87	83.73	83.69	83.70
2021-12-28	0.88	0.85	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.11	13.74	13.70	13.71	19.97	19.93	19.94	83.79	83.76	83.77
2021-12-29	0.88	0.85	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.12	0.11	13.63	13.59	13.59	19.86	19.82	19.83	83.68	83.65	83.66
2021-12-30	0.87	0.84	0.84	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.48	0.39	0.39	0.39	0.12	0.11	0.11	13.61	13.58	13.58	19.85	19.81	19.81	83.67	83.64	83.64
2021-12-31	0.87	0.83	0.83	0.42	0.38	0.38	0.08	0.05	0.05	0.48	0.48	0.48	0.38	0.38	0.38	0.11	0.11	0.11	13.62	13.58	13.58	19.85	19.82	19.82	83.67	83.64	83.65
2022-01-01	0.86	0.83	0.83	0.41	0.38	0.38	0.08	0.05	0.05	0.48	0.48	0.48	0.38	0.38	0.38	0.11	0.11	0.11	13.62	13.58	13.60	19.85	19.82	19.84	83.67	83.64	83.74
2022-01-02	0.85	0.82	0.82	0.41	0.38	0.38	0.08	0.05	0.05	0.48	0.47	0.47	0.38	0.38	0.38	0.11	0.11	0.11	13.62	13.58	13.60	19.85	19.82	19.84	83.68	83.64	83.74
2022-01-03	0.85	0.82	0.81	0.41	0.38	0.37	0.08	0.05	0.05	0.47	0.47	0.47	0.38	0.37	0.37	0.11	0.11	0.11	13.62	13.58	13.60	19.85	19.82	19.84	83.68	83.64	83.74
2022-01-04	0.84	0.81	0.81	0.40	0.37	0.37	0.08	0.05	0.05	0.47	0.47	0.47	0.37	0.37	0.37	0.11	0.11	0.11	13.62	13.58	13.60	19.86	19.82	19.84	83.68	83.64	83.74
2022-01-05	0.84	0.80	0.80	0.40	0.37	0.37	0.08	0.05	0.05	0.47	0.46	0.46	0.37	0.37	0.37	0.11	0.11	0.11	13.62	13.59	13.60	19.86	19.82	19.84	83.68	83.64	83.74
2022-01-06	0.83	0.80	0.80	0.40	0.37	0.37	0.08	0.05	0.05	0.46	0.46	0.46	0.37	0.37	0.36	0.11	0.11	0.11	13.62	13.59	13.60	19.86	19.82	19.84	83.68	83.64	83.74
2022-01-07	0.82	0.79	0.79	0.40	0.37	0.36	0.08	0.05	0.05	0.46	0.46	0.46	0.37	0.36	0.36	0.11	0.11	0.11	13.62	13.59	13.60	19.86	19.82	19.85	83.68	83.65	83.74
2022-01-08	0.82	0.79	0.79	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	13.73	13.69	13.72	19.96	19.92	19.97	83.78	83.75	83.86
2022-01-09	0.82	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	13.93	13.89	13.96	20.16	20.12	20.21	83.99	83.94	84.11
2022-01-10	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	13.82	13.78	13.83	20.05	20.01	20.07	83.87	83.83	83.97
2022-01-11	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	13.62	13.59	13.60	19.86	19.82	19.85	83.68	83.65	83.75
2022-01-12	0.83	0.80	0.81	0.40	0.37	0.37	0.08	0.05	0.05	0.46	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	13.61	13.57	13.58	19.84	19.81	19.82	83.66	83.63	83.72
2022-01-13	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	13.61	13.57	13.58	19.84	19.81	19.83	83.67	83.63	83.72
2022-01-14	0.80	0.77	0.77	0.38	0.35	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.61	13.57	13.58	19.84	19.81	19.83	83.67	83.63	83.73
2022-01-15	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.50	10.51	16.42	16.38	16.40	69.60	69.56	69.64
2022-01-16	0.79	0.76	0.76	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.50	10.51	16.42	16.39	16.40	69.60	69.56	69.64
2022-01-17	0.79	0.76	0.76	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.50	10.51	16.42	16.39	16.40	69.60	69.57	69.64
2022-01-18	0.79	0.77	0.76	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.50	10.51	16.43	16.39	16.40	69.60	69.57	69.65
2022-01-19	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.51	10.51	16.43	16.39	16.41	69.60	69.57	69.65
2022-01-20	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.51	10.51	16.43	16.39	16.41	69.61	69.57	69.65
2022-01-21	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.54	10.51	10.52	16.43	16.39	16.41	69.61	69.57	69.65
2022-01-22	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.54	10.51	10.52	16.43	16.39	16.41	69.61	69.57	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2022-02-20	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2022-02-21	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2022-02-22	0.82	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2022-02-23	0.82	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2022-02-24	0.82	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.45	65.37
2022-02-25	0.82	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.45	65.37
2022-02-26	0.82	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.46	65.37
2022-02-27	0.82	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.46	65.37
2022-02-28	0.82	0.79	0.79	0.39	0.36	0.36	0.08	0.05	0.05	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.47	10.45	15.39	15.36	15.34	65.49	65.46	65.37
2022-03-01	0.82	0.79	0.89	0.39	0.36	0.41	0.08	0.05	0.05	0.46	0.45	0.52	0.36	0.36	0.41	0.11	0.11	0.12	10.76	10.72	15.90	15.65	15.61	23.28	65.75	65.71	98.77
2022-03-02	1.12	1.08	1.76	0.54	0.50	0.81	0.11	0.07	0.11	0.63	0.62	1.02	0.50	0.50	0.81	0.15	0.15	0.24	12.08	12.01	18.55	16.98	16.90	25.93	67.07	67.00	101.42
2022-03-03	1.77	1.70	2.91	0.85	0.78	1.34	0.17	0.10	0.18	0.99	0.98	1.68	0.78	0.78	1.34	0.23	0.23	0.40	12.80	12.71	19.09	17.70	17.60	26.46	67.79	67.70	101.96
2022-03-04	1.78	1.72	2.51	0.86	0.79	1.15	0.17	0.10	0.15	0.99	1.00	1.47	0.79	0.80	1.17	0.23	0.25	0.36	10.88	10.84	16.41	15.77	15.73	23.78	65.87	65.83	99.27
2022-03-05	1.89	1.82	2.83	0.91	0.84	1.30	0.18	0.11	0.17	1.05	1.06	1.65	0.84	0.85	1.32	0.25	0.26	0.40	10.85	10.80	16.29	15.74	15.70	23.66	65.84	65.80	99.16
2022-03-06	1.64	1.58	2.73	0.79	0.73	1.25	0.16	0.10	0.17	0.91	0.92	1.59	0.73	0.74	1.27	0.22	0.23	0.39	10.82	10.78	16.19	15.71	15.67	23.56	65.81	65.77	99.06
2022-03-07	1.35	1.30	2.44	0.65	0.60	1.12	0.13	0.08	0.15	0.75	0.75	1.42	0.60	0.60	1.13	0.18	0.18	0.34	10.79	10.75	16.10	15.69	15.64	23.47	65.79	65.74	98.97
2022-03-08	1.31	1.26	2.25	0.63	0.58	1.04	0.13	0.08	0.14	0.73	0.73	1.30	0.58	0.58	1.04	0.17	0.17	0.31	10.77	10.73	16.02	15.66	15.62	23.39	65.76	65.72	98.89
2022-03-09	1.27	1.22	2.10	0.61	0.56	0.96	0.12	0.07	0.13	0.71	0.70	1.21	0.56	0.56	0.96	0.17	0.17	0.29	10.75	10.71	15.95	15.64	15.60	23.32	65.74	65.70	98.81
2022-03-10	1.23	1.19	1.99	0.59	0.55	0.93	0.12	0.07	0.15	0.69	0.68	1.13	0.55	0.55	0.90	0.16	0.16	0.27	10.73	10.68	15.89	15.62	15.58	23.26	65.72	65.68	98.75
2022-03-11	1.23	1.19	2.04	0.59	0.55	0.95	0.12	0.07	0.15	0.69	0.68	1.16	0.55	0.55	0.92	0.16	0.16	0.27	10.71	10.67	15.83	15.60	15.56	23.20	65.70	65.66	98.70
2022-03-12	1.23	1.19	2.18	0.59	0.55	1.02	0.12	0.07	0.17	0.69	0.69	1.24	0.55	0.55	0.99	0.16	0.16	0.30	10.69	10.65	15.83	15.58	15.54	23.20	65.68	65.64	98.69
2022-03-13	1.23	1.19	2.27	0.59	0.55	1.06	0.12	0.07	0.17	0.69	0.69	1.29	0.55	0.55	1.03	0.16	0.16	0.31	10.76	10.71	16.10	15.65	15.61	23.47	65.75	65.71	98.96
2022-03-14	1.23	1.19	2.28	0.59	0.55	1.07	0.12	0.07	0.18	0.69	0.69	1.30	0.55	0.55	1.04	0.16	0.17	0.31	11.89	11.82	17.79	16.78	16.72	25.16	66.88	66.81	100.65
2022-03-15	1.21	1.16	2.21	0.58	0.53	1.04	0.12	0.07	0.17	0.67	0.67	1.26	0.54	0.53	1.00	0.16	0.16	0.30	15.39	15.30	23.06	22.20	22.12	33.33	84.46	84.37	127.15
2022-03-16	1.18	1.14	2.17	0.57	0.52	1.02	0.11	0.07	0.17	0.66	0.66	1.24	0.52	0.53	0.99	0.16	0.16	0.30	14.50	14.44	22.25	21.31	21.25	32.52	83.57	83.51	126.34
2022-03-17	1.15	1.11	2.03	0.55	0.51	0.95	0.11	0.07	0.15	0.64	0.64	1.15	0.51	0.51	0.92	0.15	0.15	0.27	14.28	14.22	22.00	21.09	21.03	32.26	83.35	83.29	126.08
2022-03-18	1.13	1.09	1.94	0.54	0.50	0.91	0.11	0.07	0.15	0.63	0.63	1.11	0.50	0.50	0.88	0.15	0.15	0.26	14.19	14.13	21.67	21.00	20.94	31.94	83.26	83.20	125.76
2022-03-19	1.10	1.06	1.85	0.53	0.49	0.87	0.11	0.06	0.14	0.62	0.61	1.06	0.49	0.49	0.84	0.15	0.15	0.25	14.11	14.05	21.40	20.92	20.86	31.67	83.18	83.12	125.48
2022-03-20	1.08	1.04	1.75	0.52	0.48	0.82	0.10	0.06	0.13	0.60	0.60	1.00	0.48	0.48	0.80	0.14	0.14	0.24	14.03	13.98	21.22	20.85	20.79	31.48	83.11	83.05	125.30
2022-03-21	1.06	1.02	1.66	0.51	0.47	0.78	0.10	0.06	0.12	0.59	0.59	0.95	0.47	0.47	0.76	0.14	0.14	0.22	13.97	13.91	21.05	20.78	20.73	31.32	83.04	82.98	125.13
2022-03-22	1.04	1.00	1.58	0.50	0.46	0.74	0.10	0.06	0.11	0.58	0.58	0.90	0.46	0.46	0.72	0.14	0.14	0.21	13.91	13.85	20.87	20.72	20.67	31.14	82.98	82.92	124.95
2022-03-23	1.03	0.99	1.51	0.49	0.45	0.70	0.10	0.06	0.11	0.57	0.57	0.87	0.46	0.45	0.69	0.14	0.13	0.20	13.85	13.80	20.71	20.67	20.61	30.98	82.92	82.87	124.79
2022-03-24	1.01	0.97	1.47	0.49	0.45	0.68	0.10	0.06	0.10	0.56	0.56	0.84	0.45	0.45	0.67	0.13	0.13	0.20	13.80	13.75	20.57	20.62	20.56	30.84	82.87	82.82	124.65
2022-03-25	1.00	0.96	1.47	0.48	0.44	0.68	0.10	0.06	0.10	0.56	0.56	0.84	0.44	0.44	0.67	0.13	0.13	0.20	13.76	13.70	20.45	20.57	20.52	30.72	82.83	82.78	124.53
2022-03-26	0.98	0.95	1.46	0.47	0.44	0.68	0.09	0.06	0.11	0.55	0.55	0.83	0.44	0.44	0.67	0.13	0.13	0.20	13.71	13.66	20.34	20.53	20.48	30.61	82.78	82.73	124.42
2022-03-27	0.97	0.94	1.40	0.47	0.43	0.65	0.09	0.06	0.10	0.54	0.54	0.80	0.43	0.43	0.64	0.13	0.13	0.19	13.67	13.63	20.25	20.49	20.44	30.52	82.74	82.70	124.33
2022-03-28	0.96	0.92	1.35	0.46	0.42	0.62	0.09	0.06	0.09	0.53	0.53	0.77	0.43	0.42	0.61	0.13	0.12	0.18	13.65	13.60	20.28	20.46	20.42	30.55	82.72	82.67	124.37
2022-03-29	0.95	0.91	1.30	0.45	0.42	0.60	0.09	0.06	0.09	0.53	0.53	0.75	0.42	0.42	0.59	0.12	0.12	0.18	13.65	13.60	20.45	20.46	20.42	30.71	82.72	82.67	124.53
2022-03-30	0.96	0.93	1.36	0.46	0.43	0.63	0.09	0.06	0.09	0.54	0.53	0.78	0.43	0.43	0.62	0.13	0.13	0.18	13.68	13.64	20.66	20.50	20.45	30.93	82.75	82.71	124.75
2022-03-31	1.04	1.00	1.59	0.50	0.46	0.75	0.10	0.06	0.12	0.58	0.58	0.91	0.46	0.47	0.73	0.14	0.14	0.22	13.78	13.74	21.04	20.60	20.55	31.30	82.86	82.81	125.12
2022-04-01	1.01	0.97	2.02	0.48	0.45	0.94	0.10	0.06	0.15	0.56	0.57	1.16	0.45	0.45	0.92	0.13	0.14	0.28	14.15	14.10	32.07	20.97	20.91	47.94	83.22	83.17	192.95
2022-04-02	1.36	1.31	3.59	0.65	0.60	1.68	0.13	0.08	0.28	0.76	0.76	2.06	0.60	0.61	1.65	0.18	0.18	0.50	14.65	14.58	34.41	21.46	21.40	50.27	83.72	83.66	195.29
2022-04-03	1.91	1.84	5.27	0.92	0.85	2.49	0.18	0.11	0.44	1.07	1.08	3.00	0.85	0.86	2.40	0.25	0.27	0.73	14.77	14.70	35.53	21.58	21.51	51.39	83.84		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2022-05-02	6.44	6.37	3.34	3.09	3.02	1.58	0.62	0.54	0.27	3.59	3.58	1.89	2.86	2.85	1.50	0.85	0.84	0.44	28.65	28.58	22.44	40.15	40.08	30.57	164.30	164.23	118.36
2022-05-03	5.91	5.83	3.00	2.84	2.75	1.41	0.57	0.48	0.24	3.30	3.28	1.69	2.62	2.61	1.35	0.78	0.77	0.40	28.91	28.85	22.48	40.41	40.35	30.61	164.55	164.49	118.40
2022-05-04	5.72	5.64	2.72	2.75	2.66	1.28	0.55	0.46	0.21	3.19	3.18	1.54	2.54	2.53	1.22	0.75	0.75	0.36	29.26	29.23	22.28	40.76	40.73	30.41	164.91	164.87	118.21
2022-05-05	5.50	5.41	2.49	2.64	2.55	1.17	0.53	0.44	0.19	3.07	3.06	1.41	2.44	2.43	1.12	0.72	0.72	0.33	29.65	29.61	21.98	41.15	41.10	30.11	165.30	165.25	117.91
2022-05-06	5.28	5.20	2.30	2.53	2.45	1.08	0.51	0.42	0.18	2.94	2.93	1.30	2.34	2.33	1.03	0.70	0.69	0.30	30.30	30.26	21.62	41.80	41.76	29.75	165.95	165.90	117.55
2022-05-07	5.08	5.00	2.14	2.44	2.36	1.00	0.49	0.41	0.16	2.83	2.82	1.21	2.25	2.24	0.96	0.67	0.66	0.28	30.86	30.83	21.30	42.36	42.33	29.43	166.51	166.48	117.23
2022-05-08	4.90	4.82	2.00	2.35	2.27	0.93	0.47	0.39	0.15	2.73	2.72	1.13	2.17	2.16	0.90	0.64	0.64	0.26	31.39	31.32	21.03	42.89	42.82	29.17	167.04	166.97	116.96
2022-05-09	4.65	4.58	1.88	2.23	2.16	0.88	0.45	0.37	0.14	2.60	2.58	1.06	2.07	2.06	0.85	0.61	0.61	0.25	31.86	31.75	20.80	43.36	43.25	28.94	167.51	167.40	116.73
2022-05-10	4.29	4.22	1.77	2.06	1.99	0.83	0.41	0.34	0.13	2.39	2.38	1.01	1.90	1.90	0.80	0.56	0.56	0.23	31.86	31.75	20.61	43.36	43.25	28.74	167.51	167.40	116.54
2022-05-11	5.75	5.62	2.86	2.76	2.63	1.32	0.55	0.42	0.19	3.21	3.19	1.63	2.55	2.54	1.30	0.76	0.75	0.38	31.88	31.77	20.44	43.37	43.27	28.57	167.52	167.42	116.37
2022-05-12	7.92	7.80	4.94	3.80	3.68	2.30	0.76	0.64	0.36	4.42	4.40	2.81	3.52	3.51	2.24	1.04	1.04	0.66	32.00	31.89	20.29	43.50	43.39	28.42	167.65	167.54	116.22
2022-05-13	6.12	6.06	3.37	2.94	2.88	1.60	0.59	0.53	0.30	3.41	3.40	1.88	2.72	2.71	1.50	0.81	0.80	0.44	33.83	33.67	20.84	45.33	45.17	28.97	169.47	169.32	116.77
2022-05-14	5.48	5.41	3.10	2.63	2.56	1.46	0.53	0.45	0.25	3.06	3.05	1.75	2.43	2.42	1.40	0.72	0.72	0.41	35.55	35.40	22.24	47.05	46.90	30.37	171.19	171.05	118.17
2022-05-15	4.67	4.61	2.81	2.24	2.18	1.32	0.45	0.39	0.22	2.61	2.60	1.59	2.08	2.07	1.26	0.62	0.61	0.37	105.54	105.46	72.28	134.97	134.88	93.09	650.72	650.64	457.84
2022-05-16	4.13	4.07	2.56	1.98	1.92	1.20	0.40	0.34	0.20	2.30	2.29	1.45	1.83	1.82	1.15	0.54	0.54	0.34	104.31	104.22	72.03	133.74	133.65	92.84	649.49	649.41	457.58
2022-05-17	3.69	3.64	2.36	1.77	1.72	1.11	0.35	0.30	0.18	2.06	2.05	1.33	1.64	1.63	1.06	0.49	0.48	0.31	103.64	103.55	71.82	133.07	132.98	92.63	648.82	648.73	457.37
2022-05-18	3.30	3.25	2.19	1.58	1.53	1.03	0.32	0.26	0.17	1.84	1.83	1.24	1.47	1.46	0.98	0.43	0.43	0.29	103.81	103.70	71.92	133.23	133.13	92.73	648.99	648.88	457.48
2022-05-19	2.98	2.93	2.04	1.43	1.38	0.96	0.29	0.23	0.16	1.66	1.66	1.16	1.33	1.32	0.92	0.39	0.39	0.27	103.75	103.66	72.01	133.18	133.08	92.82	648.94	648.84	457.56
2022-05-20	2.72	2.67	1.92	1.30	1.25	0.90	0.26	0.21	0.14	1.52	1.51	1.09	1.21	1.20	0.86	0.36	0.35	0.25	103.12	103.04	71.80	132.55	132.47	92.62	648.30	648.22	457.36
2022-05-21	2.49	2.45	1.81	1.20	1.15	0.84	0.24	0.19	0.13	1.39	1.38	1.02	1.11	1.10	0.81	0.33	0.32	0.24	102.54	102.46	71.62	131.97	131.89	92.44	647.72	647.64	457.18
2022-05-22	2.31	2.26	1.71	1.11	1.06	0.80	0.22	0.17	0.12	1.29	1.28	0.97	1.03	1.02	0.77	0.30	0.30	0.22	107.29	107.07	76.14	136.72	136.50	96.95	652.47	652.25	461.69
2022-05-23	2.15	2.10	1.63	1.03	0.99	0.76	0.21	0.16	0.12	1.20	1.19	0.92	0.96	0.95	0.73	0.28	0.28	0.21	114.93	114.76	84.93	144.36	144.18	105.74	660.11	659.94	470.48
2022-05-24	2.01	1.97	1.55	0.97	0.92	0.72	0.19	0.15	0.11	1.12	1.12	0.88	0.89	0.89	0.70	0.27	0.26	0.20	108.42	108.38	78.65	137.85	137.81	99.46	653.60	653.56	464.20
2022-05-25	1.90	1.85	1.49	0.91	0.87	0.69	0.18	0.14	0.10	1.06	1.05	0.84	0.84	0.84	0.67	0.25	0.24	0.19	106.35	106.25	76.91	135.78	135.68	97.72	651.53	651.44	462.46
2022-05-26	1.80	1.76	1.43	0.86	0.82	0.66	0.17	0.13	0.10	1.00	1.00	0.81	0.80	0.79	0.64	0.24	0.23	0.19	104.89	104.81	75.70	134.32	134.23	96.51	650.08	649.99	461.25
2022-05-27	1.71	1.67	1.37	0.82	0.78	0.64	0.16	0.12	0.10	0.96	0.95	0.78	0.76	0.75	0.62	0.23	0.22	0.18	103.82	103.74	74.79	133.25	133.17	95.60	649.01	648.92	460.34
2022-05-28	1.63	1.59	1.33	0.78	0.74	0.62	0.16	0.11	0.09	0.91	0.90	0.75	0.73	0.72	0.60	0.22	0.21	0.17	103.01	102.93	74.08	132.44	132.36	94.90	648.19	648.11	459.64
2022-05-29	1.71	1.66	1.40	0.82	0.77	0.65	0.16	0.12	0.09	0.95	0.95	0.80	0.76	0.75	0.63	0.23	0.22	0.18	102.37	102.30	73.53	131.80	131.72	94.34	647.55	647.48	459.08
2022-05-30	2.01	1.95	1.77	0.96	0.91	0.82	0.19	0.14	0.12	1.12	1.11	1.01	0.89	0.88	0.80	0.26	0.26	0.23	102.02	101.94	73.08	131.44	131.37	93.89	647.20	647.12	458.63
2022-05-31	1.95	1.91	1.64	0.94	0.89	0.77	0.19	0.14	0.12	1.09	1.08	0.93	0.87	0.86	0.74	0.26	0.25	0.22	102.43	102.33	73.33	131.85	131.76	94.14	647.61	647.52	458.88
2022-06-01	1.84	1.80	1.56	0.88	0.84	0.73	0.18	0.13	0.11	1.03	1.02	0.88	0.82	0.81	0.70	0.24	0.24	0.20	102.60	102.51	79.73	132.03	131.94	102.42	647.78	647.69	500.07
2022-06-02	1.75	1.70	1.49	0.84	0.80	0.69	0.17	0.12	0.10	0.98	0.97	0.85	0.78	0.77	0.67	0.23	0.22	0.20	102.04	101.97	79.29	131.47	131.40	101.97	647.22	647.15	499.62
2022-06-03	1.66	1.62	1.43	0.80	0.76	0.67	0.16	0.12	0.10	0.93	0.92	0.81	0.74	0.73	0.65	0.22	0.21	0.19	101.59	101.52	78.91	131.02	130.95	101.60	646.77	646.70	499.25
2022-06-04	1.59	1.55	1.38	0.76	0.72	0.64	0.15	0.11	0.09	0.89	0.88	0.78	0.71	0.70	0.62	0.21	0.20	0.18	101.22	101.15	78.60	130.65	130.58	101.29	646.40	646.33	498.94
2022-06-05	1.52	1.48	1.33	0.73	0.69	0.62	0.15	0.10	0.09	0.85	0.84	0.76	0.68	0.67	0.60	0.20	0.19	0.17	100.91	100.84	78.34	130.34	130.27	101.03	646.09	646.02	498.67
2022-06-06	1.46	1.42	1.28	0.70	0.66	0.60	0.14	0.10	0.09	0.82	0.81	0.73	0.65	0.64	0.58	0.19	0.19	0.17	100.65	100.58	78.11	130.07	130.01	100.80	645.83	645.76	498.45
2022-06-07	1.46	1.41	1.25	0.70	0.66	0.58	0.14	0.10	0.08	0.81	0.80	0.71	0.65	0.64	0.56	0.19	0.19	0.16	100.42	100.36	77.92	129.85	129.79	100.61	645.60	645.54	498.25
2022-06-08	1.45	1.41	1.21	0.69	0.65	0.56	0.14	0.10	0.08	0.81	0.80	0.69	0.64	0.63	0.55	0.19	0.18	0.16	100.23	100.17	77.75	129.66	129.60	100.44	645.41	645.35	498.09
2022-06-09	1.39	1.35	1.18	0.67	0.63	0.54	0.13	0.09	0.08	0.78	0.77	0.67	0.62	0.61	0.53	0.18	0.18	0.15	100.06	100.00	77.60	129.49	129.43	100.29	645.24	645.18	497.94
2022-06-10	1.35	1.31	1.15	0.65	0.61	0.53	0.13	0.09	0.07	0.75	0.74	0.65	0.60	0.59	0.52	0.18	0.17	0.15	99.91	99.86	77.47	129.34	129.28	100.16	645.10	645.04	497.81
2022-06-11	1.31	1.27	1.12	0.63	0.59	0.52	0.13	0.08	0.07	0.73	0.72	0.64	0.58	0.57	0.51	0.17	0.17	0.15	99.80	99.74	77.36	129.23	129.17	100.05	644.98	644.93	497.70
2022-06-12	1.27	1.23	1.09	0.61	0.57	0.50	0.12	0.08	0.07	0.71	0.70	0.62	0.56	0.56	0.49	0.17	0.16	0.14	99.70	99.65	77.26	129.13	129.07	99.95	644.88	644.83	497.59
2022-06-13	1.23	1.19	1.07	0.59	0																						

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2022-07-12	1.48	1.44	1.30	0.71	0.67	0.60	0.14	0.10	0.09	0.83	0.82	0.74	0.66	0.65	0.59	0.19	0.19	0.17	154.16	154.09	145.42	189.09	189.02	178.39	1004.95	1004.88	948.40
2022-07-13	1.43	1.38	1.26	0.68	0.64	0.58	0.14	0.10	0.08	0.80	0.79	0.71	0.63	0.63	0.57	0.19	0.18	0.16	153.84	153.77	145.14	188.77	188.70	178.11	1004.63	1004.56	948.12
2022-07-14	1.41	1.37	1.24	0.68	0.64	0.57	0.14	0.09	0.08	0.79	0.78	0.70	0.63	0.62	0.56	0.19	0.18	0.16	153.57	153.51	144.91	188.50	188.44	177.87	1004.36	1004.30	947.88
2022-07-15	1.49	1.45	1.29	0.72	0.67	0.60	0.14	0.10	0.09	0.83	0.83	0.73	0.66	0.66	0.58	0.20	0.19	0.17	64.88	64.81	61.21	85.26	85.20	80.44	510.46	510.40	481.75
2022-07-16	1.53	1.49	1.32	0.73	0.69	0.61	0.15	0.11	0.09	0.85	0.85	0.75	0.68	0.67	0.60	0.20	0.20	0.17	64.68	64.62	61.03	85.06	85.00	80.27	510.27	510.20	481.57
2022-07-17	1.90	1.85	1.68	0.91	0.86	0.78	0.18	0.13	0.11	1.06	1.05	0.96	0.84	0.84	0.76	0.25	0.24	0.22	64.51	64.45	60.88	84.89	84.83	80.11	510.09	510.03	481.42
2022-07-18	2.83	2.76	2.52	1.36	1.28	1.17	0.27	0.20	0.18	1.58	1.57	1.44	1.26	1.25	1.14	0.37	0.37	0.34	64.36	64.30	60.74	84.74	84.68	79.98	509.95	509.89	481.28
2022-07-19	2.06	2.03	1.80	0.99	0.96	0.85	0.20	0.17	0.15	1.15	1.14	1.01	0.92	0.91	0.81	0.27	0.27	0.24	64.27	64.21	60.64	84.65	84.59	79.87	509.85	509.79	481.18
2022-07-20	1.96	1.91	1.70	0.94	0.89	0.79	0.19	0.14	0.12	1.09	1.08	0.96	0.87	0.86	0.77	0.26	0.25	0.22	64.18	64.12	60.54	84.56	84.51	79.78	509.77	509.71	481.09
2022-07-21	1.98	1.94	1.70	0.95	0.91	0.79	0.19	0.14	0.12	1.11	1.10	0.96	0.88	0.87	0.77	0.26	0.26	0.22	64.07	64.01	60.44	84.45	84.39	79.68	509.65	509.60	480.99
2022-07-22	1.98	1.94	1.70	0.95	0.91	0.79	0.19	0.14	0.12	1.11	1.10	0.96	0.88	0.87	0.77	0.26	0.26	0.22	63.97	63.92	60.36	84.35	84.30	79.59	509.56	509.50	480.90
2022-07-23	1.87	1.82	1.61	0.90	0.85	0.75	0.18	0.13	0.12	1.04	1.03	0.92	0.83	0.82	0.73	0.25	0.24	0.21	63.88	63.83	60.28	84.26	84.21	79.51	509.47	509.41	480.82
2022-07-24	2.06	2.00	1.77	0.99	0.93	0.82	0.20	0.14	0.12	1.15	1.14	1.01	0.91	0.91	0.80	0.27	0.26	0.23	63.80	63.75	60.21	84.18	84.13	79.44	509.39	509.33	480.75
2022-07-25	2.34	2.29	2.06	1.12	1.07	0.96	0.22	0.17	0.15	1.31	1.30	1.17	1.04	1.03	0.93	0.31	0.30	0.27	63.73	63.67	60.14	84.11	84.06	79.38	509.31	509.26	480.68
2022-07-26	2.08	2.04	1.82	1.00	0.96	0.85	0.20	0.16	0.14	1.16	1.15	1.03	0.92	0.92	0.82	0.27	0.27	0.24	63.66	63.61	60.08	84.04	83.99	79.32	509.25	509.19	480.63
2022-07-27	1.95	1.91	1.72	0.94	0.89	0.80	0.19	0.14	0.12	1.09	1.08	0.97	0.87	0.86	0.77	0.26	0.25	0.22	63.60	63.55	60.03	83.99	83.93	79.26	509.19	509.14	480.57
2022-07-28	1.85	1.80	1.63	0.89	0.84	0.76	0.18	0.13	0.12	1.03	1.02	0.93	0.82	0.81	0.74	0.24	0.24	0.21	63.55	63.50	59.98	83.93	83.88	79.22	509.13	509.08	480.52
2022-07-29	1.75	1.71	1.56	0.84	0.80	0.72	0.17	0.12	0.11	0.98	0.97	0.88	0.78	0.77	0.70	0.23	0.22	0.20	63.58	63.53	59.99	83.96	83.91	79.23	509.16	509.11	480.54
2022-07-30	1.67	1.62	1.49	0.80	0.76	0.69	0.16	0.12	0.11	0.93	0.92	0.85	0.74	0.73	0.67	0.22	0.21	0.19	63.60	63.55	60.00	83.98	83.93	79.24	509.19	509.14	480.55
2022-07-31	1.59	1.55	1.43	0.76	0.72	0.67	0.15	0.11	0.10	0.89	0.88	0.81	0.71	0.70	0.65	0.21	0.20	0.19	63.55	63.50	59.96	83.93	83.88	79.19	509.13	509.08	480.50
2022-08-01	1.52	1.48	1.38	0.73	0.69	0.64	0.15	0.10	0.10	0.85	0.84	0.78	0.68	0.67	0.62	0.20	0.19	0.18	65.15	65.05	58.48	85.53	85.44	76.80	510.74	510.64	458.93
2022-08-02	1.47	1.43	1.33	0.70	0.66	0.62	0.14	0.10	0.09	0.82	0.81	0.76	0.65	0.64	0.60	0.19	0.19	0.17	67.89	67.76	60.78	88.27	88.14	79.10	513.47	513.35	461.23
2022-08-03	1.44	1.40	1.30	0.69	0.65	0.60	0.14	0.10	0.09	0.81	0.80	0.74	0.64	0.63	0.59	0.19	0.18	0.17	65.22	65.19	58.55	85.60	85.58	76.87	510.80	510.78	459.00
2022-08-04	1.42	1.38	1.27	0.68	0.64	0.59	0.14	0.10	0.09	0.79	0.78	0.72	0.63	0.62	0.57	0.19	0.18	0.17	64.97	64.91	58.33	85.36	85.29	76.64	510.56	510.50	458.78
2022-08-05	1.37	1.33	1.23	0.66	0.62	0.57	0.13	0.09	0.08	0.76	0.76	0.70	0.61	0.60	0.56	0.18	0.17	0.16	65.55	65.47	58.75	85.93	85.85	77.07	511.14	511.05	459.20
2022-08-06	1.33	1.29	1.20	0.64	0.60	0.55	0.13	0.09	0.08	0.74	0.73	0.68	0.59	0.58	0.54	0.17	0.17	0.16	67.26	67.15	60.04	87.64	87.54	78.35	512.84	512.74	460.48
2022-08-07	1.29	1.25	1.16	0.62	0.58	0.54	0.12	0.08	0.08	0.72	0.71	0.66	0.57	0.56	0.53	0.17	0.16	0.15	66.34	66.28	59.33	86.72	86.66	77.65	511.92	511.86	459.78
2022-08-08	1.25	1.21	1.14	0.60	0.56	0.52	0.12	0.08	0.07	0.70	0.69	0.65	0.56	0.55	0.51	0.16	0.16	0.15	65.91	65.84	59.02	86.29	86.22	77.34	511.50	511.43	459.47
2022-08-09	1.39	1.34	1.23	0.67	0.62	0.57	0.13	0.09	0.08	0.77	0.76	0.70	0.62	0.61	0.56	0.18	0.18	0.16	65.56	65.49	58.76	85.94	85.87	77.08	511.14	511.08	459.21
2022-08-10	1.85	1.80	1.57	0.89	0.83	0.73	0.18	0.12	0.11	1.03	1.02	0.89	0.82	0.81	0.71	0.24	0.24	0.21	65.26	65.20	58.54	85.64	85.58	76.85	510.85	510.78	458.98
2022-08-11	1.48	1.45	1.30	0.71	0.68	0.61	0.14	0.11	0.09	0.83	0.82	0.73	0.66	0.65	0.58	0.20	0.19	0.17	65.01	64.95	58.35	85.39	85.33	76.66	510.60	510.53	458.79
2022-08-12	1.47	1.43	1.27	0.70	0.66	0.59	0.14	0.10	0.09	0.82	0.81	0.72	0.65	0.64	0.57	0.19	0.19	0.17	64.80	64.73	58.18	85.18	85.11	76.50	510.38	510.32	458.63
2022-08-13	1.45	1.41	1.25	0.70	0.66	0.58	0.14	0.10	0.09	0.81	0.80	0.71	0.64	0.64	0.57	0.19	0.19	0.16	64.61	64.55	58.03	84.99	84.93	76.35	510.19	510.13	458.48
2022-08-14	1.40	1.36	1.22	0.67	0.63	0.56	0.13	0.09	0.08	0.78	0.77	0.69	0.62	0.61	0.55	0.18	0.18	0.16	64.45	64.39	57.91	84.83	84.77	76.22	510.03	509.97	458.35
2022-08-15	1.37	1.33	1.19	0.66	0.62	0.55	0.13	0.09	0.08	0.77	0.76	0.68	0.61	0.60	0.54	0.18	0.17	0.15	30.05	30.00	27.01	40.94	40.88	36.79	225.79	225.73	202.92
2022-08-16	1.35	1.31	1.16	0.65	0.61	0.54	0.13	0.09	0.08	0.75	0.74	0.66	0.60	0.59	0.53	0.18	0.17	0.15	29.93	29.87	26.91	40.81	40.76	36.69	225.66	225.61	202.82
2022-08-17	1.30	1.27	1.13	0.63	0.59	0.52	0.13	0.09	0.07	0.73	0.72	0.65	0.58	0.57	0.51	0.17	0.17	0.15	29.82	29.76	26.82	40.70	40.65	36.60	225.55	225.50	202.73
2022-08-18	1.27	1.23	1.11	0.61	0.57	0.51	0.12	0.08	0.07	0.71	0.70	0.63	0.56	0.56	0.50	0.17	0.16	0.14	29.72	29.66	26.74	40.60	40.55	36.52	225.45	225.40	202.65
2022-08-19	1.23	1.19	1.08	0.59	0.55	0.50	0.12	0.08	0.07	0.69	0.68	0.62	0.55	0.54	0.49	0.16	0.16	0.14	29.63	29.57	26.67	40.51	40.46	36.45	225.37	225.31	202.57
2022-08-20	1.20	1.16	1.06	0.58	0.54	0.49	0.12	0.08	0.07	0.67	0.66	0.60	0.53	0.53	0.48	0.16	0.15	0.14	29.55	29.50	26.60	40.43	40.38	36.38	225.29	225.23	202.51
2022-08-21	1.17	1.13	1.04	0.56	0.52	0.48	0.11	0.07	0.07	0.65	0.65	0.59	0.52	0.51	0.47	0.15	0.15	0.14	29.48	29.42	26.54	40.36	40.31	36.32	225.21	225.16	202.45
2022-08-22	1.14	1.11	1.02	0.55	0.51	0.47	0.11	0.07	0.06	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	29.41	29.36	26.49	40.30	40.24	36.27	225.15	225.10	202.39
2022-08-23	1.12	1.08	1.00	0.54	0.50	0.46	0.11	0.07	0.06	0.62	0.62	0.57	0.50	0.49	0.45												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2022-09-21	0.82	0.79	0.77	0.39	0.36	0.35	0.08	0.05	0.05	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	21.94	21.87	20.37	30.67	30.60	28.48	163.52	163.45	152.01
2022-09-22	0.81	0.78	0.76	0.39	0.36	0.35	0.08	0.05	0.05	0.45	0.45	0.43	0.36	0.35	0.35	0.11	0.10	0.10	22.00	21.93	20.42	30.74	30.66	28.54	163.58	163.51	152.06
2022-09-23	0.81	0.78	0.76	0.39	0.36	0.35	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	22.48	22.40	20.84	31.22	31.13	28.96	164.06	163.98	152.48
2022-09-24	0.80	0.77	0.77	0.39	0.36	0.35	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	23.72	23.61	21.92	32.45	32.34	30.04	165.30	165.19	153.56
2022-09-25	1.51	1.45	1.42	0.72	0.67	0.65	0.14	0.09	0.09	0.84	0.83	0.81	0.67	0.66	0.65	0.20	0.19	0.19	24.52	24.41	22.65	33.25	33.14	30.77	166.10	165.99	154.30
2022-09-26	2.42	2.33	2.24	1.16	1.07	1.03	0.23	0.14	0.14	1.35	1.34	1.29	1.08	1.07	1.03	0.32	0.31	0.30	23.61	23.53	21.88	32.34	32.26	30.00	165.19	165.11	153.52
2022-09-27	1.17	1.12	1.07	0.56	0.52	0.49	0.11	0.07	0.07	0.65	0.64	0.61	0.52	0.51	0.49	0.15	0.15	0.14	22.96	22.89	21.32	31.70	31.62	29.44	164.54	164.47	152.96
2022-09-28	1.14	1.10	1.05	0.55	0.50	0.48	0.11	0.07	0.06	0.64	0.63	0.60	0.51	0.50	0.48	0.15	0.14	0.14	26.28	26.10	24.25	35.01	34.84	32.37	167.86	167.68	155.89
2022-09-29	1.12	1.07	1.03	0.54	0.49	0.47	0.11	0.07	0.06	0.62	0.61	0.59	0.50	0.49	0.47	0.15	0.14	0.13	34.85	34.60	32.10	43.58	43.33	40.22	176.43	176.18	163.74
2022-09-30	1.09	1.05	1.01	0.52	0.48	0.47	0.10	0.06	0.06	0.61	0.60	0.58	0.49	0.48	0.46	0.14	0.14	0.13	31.73	31.61	29.55	40.46	40.34	37.67	173.31	173.19	161.19
2022-10-01	1.07	1.03	0.99	0.51	0.47	0.46	0.10	0.06	0.06	0.60	0.59	0.57	0.48	0.47	0.45	0.14	0.13	0.13	29.56	29.45	28.29	38.29	38.18	36.70	171.14	171.03	164.69
2022-10-02	1.05	1.01	0.98	0.50	0.47	0.45	0.10	0.06	0.06	0.59	0.58	0.56	0.47	0.46	0.44	0.14	0.13	0.13	27.53	27.43	26.36	36.26	36.16	34.78	169.11	169.01	162.76
2022-10-03	1.03	1.00	0.96	0.50	0.46	0.44	0.10	0.06	0.06	0.58	0.57	0.55	0.46	0.45	0.44	0.14	0.13	0.13	25.95	25.86	24.90	34.69	34.60	33.31	167.53	167.44	161.30
2022-10-04	1.02	0.98	0.95	0.49	0.45	0.44	0.10	0.06	0.06	0.57	0.56	0.54	0.45	0.44	0.43	0.13	0.13	0.12	24.76	24.68	23.79	33.49	33.41	32.21	166.34	166.26	160.19
2022-10-05	1.00	0.97	0.94	0.48	0.44	0.43	0.10	0.06	0.06	0.56	0.55	0.53	0.44	0.44	0.42	0.13	0.13	0.12	23.86	23.78	22.95	32.60	32.52	31.36	165.44	165.36	159.35
2022-10-06	0.99	0.95	0.92	0.47	0.44	0.42	0.09	0.06	0.06	0.55	0.54	0.53	0.44	0.43	0.42	0.13	0.12	0.12	23.17	23.09	22.30	31.90	31.82	30.71	164.75	164.67	158.70
2022-10-07	0.97	0.94	0.91	0.47	0.43	0.42	0.09	0.06	0.06	0.54	0.54	0.52	0.43	0.43	0.41	0.13	0.12	0.12	22.93	22.85	22.08	31.66	31.58	30.49	164.51	164.43	158.47
2022-10-08	0.96	0.92	0.90	0.46	0.43	0.41	0.09	0.06	0.06	0.54	0.53	0.51	0.43	0.42	0.41	0.13	0.12	0.12	22.70	22.63	21.87	31.44	31.36	30.28	164.28	164.21	158.27
2022-10-09	0.95	0.91	0.89	0.45	0.42	0.41	0.09	0.06	0.05	0.53	0.52	0.51	0.42	0.41	0.40	0.12	0.12	0.12	22.24	22.17	21.43	30.97	30.90	29.84	163.82	163.75	157.83
2022-10-10	0.94	0.90	0.88	0.45	0.41	0.41	0.09	0.06	0.05	0.52	0.51	0.50	0.42	0.41	0.40	0.12	0.12	0.11	22.21	22.13	21.29	30.94	30.86	29.70	163.79	163.71	157.69
2022-10-11	0.93	0.89	0.87	0.44	0.41	0.40	0.09	0.05	0.05	0.52	0.51	0.50	0.41	0.40	0.40	0.12	0.12	0.11	22.15	22.08	21.16	30.88	30.81	29.57	163.73	163.66	157.56
2022-10-12	0.92	0.88	0.86	0.44	0.41	0.40	0.09	0.05	0.05	0.51	0.50	0.49	0.41	0.40	0.39	0.12	0.11	0.11	21.78	21.72	20.84	30.52	30.45	29.25	163.36	163.30	157.24
2022-10-13	1.07	1.03	0.99	0.51	0.47	0.46	0.10	0.06	0.06	0.59	0.59	0.57	0.47	0.47	0.45	0.14	0.13	0.13	21.48	21.41	20.57	30.21	30.14	28.98	163.06	162.99	156.96
2022-10-14	1.40	1.35	1.28	0.67	0.62	0.59	0.13	0.09	0.08	0.78	0.77	0.73	0.62	0.62	0.58	0.18	0.18	0.17	21.22	21.15	20.33	29.95	29.88	28.75	162.80	162.73	156.73
2022-10-15	1.03	1.00	0.96	0.49	0.47	0.44	0.10	0.07	0.06	0.57	0.57	0.55	0.46	0.45	0.43	0.14	0.13	0.12	20.23	20.17	19.40	28.41	28.34	27.27	139.38	139.31	134.18
2022-10-16	1.01	0.98	0.94	0.49	0.45	0.43	0.10	0.06	0.06	0.57	0.56	0.54	0.45	0.44	0.43	0.13	0.13	0.12	20.07	20.01	19.25	28.25	28.18	27.12	139.22	139.16	134.03
2022-10-17	1.00	0.96	0.93	0.48	0.44	0.43	0.10	0.06	0.06	0.56	0.55	0.53	0.44	0.44	0.42	0.13	0.13	0.12	19.90	19.84	19.09	28.07	28.01	26.97	139.04	138.99	133.88
2022-10-18	0.98	0.95	0.92	0.47	0.44	0.42	0.09	0.06	0.06	0.55	0.54	0.52	0.44	0.43	0.41	0.13	0.12	0.12	19.74	19.69	18.96	27.92	27.86	26.83	138.89	138.83	133.74
2022-10-19	0.97	0.93	0.91	0.47	0.43	0.42	0.09	0.06	0.06	0.54	0.53	0.52	0.43	0.42	0.41	0.13	0.12	0.12	19.61	19.55	18.83	27.78	27.73	26.71	138.75	138.70	133.62
2022-10-20	0.96	0.92	0.90	0.46	0.42	0.41	0.09	0.06	0.05	0.53	0.53	0.51	0.43	0.42	0.40	0.13	0.12	0.11	19.49	19.43	18.72	27.66	27.61	26.60	138.63	138.58	133.51
2022-10-21	0.95	0.91	0.89	0.45	0.42	0.41	0.09	0.06	0.05	0.53	0.53	0.51	0.42	0.42	0.40	0.12	0.12	0.12	19.38	19.33	18.63	27.56	27.50	26.50	138.53	138.47	133.41
2022-10-22	0.93	0.90	0.88	0.45	0.41	0.40	0.09	0.06	0.05	0.52	0.52	0.50	0.41	0.41	0.40	0.12	0.12	0.11	19.29	19.23	18.54	27.46	27.41	26.42	138.43	138.38	133.33
2022-10-23	0.92	0.89	0.87	0.44	0.41	0.40	0.09	0.05	0.05	0.52	0.51	0.49	0.41	0.40	0.39	0.12	0.12	0.11	19.20	19.15	18.47	27.38	27.32	26.34	138.35	138.29	133.25
2022-10-24	0.91	0.88	0.86	0.44	0.40	0.40	0.09	0.05	0.05	0.51	0.50	0.49	0.41	0.40	0.39	0.12	0.11	0.11	19.12	19.07	18.41	27.30	27.25	26.28	138.27	138.22	133.19
2022-10-25	0.90	0.87	0.86	0.43	0.40	0.40	0.09	0.05	0.05	0.50	0.50	0.51	0.40	0.40	0.41	0.12	0.11	0.13	19.05	19.00	18.33	27.23	27.18	26.21	138.20	138.15	133.12
2022-10-26	0.90	0.86	0.85	0.43	0.40	0.39	0.09	0.05	0.05	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	19.06	19.01	18.33	27.23	27.18	26.20	138.21	138.15	133.11
2022-10-27	0.89	0.86	0.85	0.43	0.39	0.39	0.09	0.05	0.05	0.50	0.49	0.48	0.39	0.39	0.38	0.12	0.11	0.11	19.06	19.01	18.32	27.24	27.18	26.20	138.21	138.16	133.11
2022-10-28	0.88	0.85	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.11	19.00	18.94	18.26	27.17	27.12	26.13	138.14	138.09	133.04
2022-10-29	0.88	0.85	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	18.94	18.88	18.20	27.11	27.05	26.08	138.08	138.02	132.99
2022-10-30	0.88	0.85	0.84	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.48	0.48	0.39	0.38	0.38	0.12	0.11	0.11	18.89	18.82	18.16	27.06	27.00	26.03	138.03	137.97	132.94
2022-10-31	0.87	0.84	0.84	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.48	0.48	0.39	0.38	0.38	0.12	0.11	0.11	18.84	18.78	18.11	27.01	26.95	25.99	137.98	137.92	132.90
2022-11-01	0.87	0.84	0.84	0.42	0.38	0.38	0.08	0.05	0.05	0.48	0.48	0.48	0.39	0.38	0.38	0.11	0.11	0.11	18.79	18.75	18.51	26.97	26.92	26.60	137.94	137.90	133.36
2022-11-02	0.86	0.83	0.83	0.41	0.38	0.38	0.08	0.05	0.05	0.48	0.48	0.48	0.38	0.38	0.38	0.11	0.11	0.11									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2022-12-01	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	18.45	18.42	18.42	27.12	27.08	27.09	122.96	122.93	122.96
2022-12-02	0.99	0.95	0.96	0.47	0.44	0.44	0.09	0.06	0.06	0.55	0.55	0.56	0.44	0.44	0.44	0.13	0.13	0.13	18.45	18.41	18.41	27.11	27.08	27.08	122.95	122.92	122.95
2022-12-03	1.31	1.26	1.30	0.63	0.58	0.60	0.13	0.08	0.08	0.73	0.73	0.75	0.58	0.58	0.60	0.17	0.17	0.18	18.44	18.40	18.40	27.10	27.07	27.07	122.95	122.91	122.94
2022-12-04	1.05	1.01	1.04	0.50	0.46	0.48	0.10	0.06	0.06	0.58	0.58	0.60	0.46	0.46	0.48	0.14	0.14	0.14	18.43	18.39	18.39	27.10	27.06	27.06	122.94	122.90	122.93
2022-12-05	1.12	1.08	1.10	0.54	0.50	0.51	0.11	0.07	0.07	0.62	0.62	0.64	0.50	0.50	0.51	0.15	0.15	0.15	18.42	18.38	18.39	27.09	27.05	27.06	122.93	122.89	122.93
2022-12-06	1.35	1.30	1.33	0.65	0.60	0.61	0.13	0.08	0.08	0.75	0.75	0.77	0.60	0.60	0.62	0.18	0.18	0.18	18.42	18.38	18.38	27.08	27.04	27.05	122.93	122.89	122.92
2022-12-07	1.03	0.99	1.03	0.49	0.46	0.47	0.10	0.06	0.06	0.58	0.57	0.59	0.46	0.46	0.47	0.14	0.14	0.14	18.41	18.37	18.37	27.08	27.04	27.04	122.92	122.88	122.91
2022-12-08	1.03	0.99	1.02	0.49	0.45	0.47	0.10	0.06	0.06	0.57	0.57	0.59	0.46	0.45	0.47	0.14	0.13	0.14	18.41	18.37	18.37	27.07	27.03	27.04	122.91	122.87	122.91
2022-12-09	1.02	0.98	1.02	0.49	0.45	0.47	0.10	0.06	0.06	0.57	0.57	0.59	0.45	0.45	0.47	0.13	0.13	0.14	18.40	18.36	18.36	27.07	27.03	27.03	122.91	122.87	122.90
2022-12-10	1.00	0.97	1.00	0.48	0.44	0.46	0.10	0.06	0.06	0.56	0.56	0.58	0.45	0.44	0.46	0.13	0.13	0.14	18.40	18.36	18.37	27.07	27.03	27.04	122.91	122.87	122.91
2022-12-11	0.99	0.95	0.99	0.47	0.44	0.45	0.09	0.06	0.06	0.55	0.55	0.57	0.44	0.44	0.45	0.13	0.13	0.13	18.40	18.36	18.37	27.07	27.03	27.04	122.91	122.87	122.91
2022-12-12	0.97	0.94	0.97	0.47	0.43	0.45	0.09	0.06	0.06	0.54	0.54	0.56	0.43	0.43	0.44	0.13	0.13	0.13	18.40	18.37	18.37	27.07	27.03	27.04	122.91	122.87	122.91
2022-12-13	0.96	0.93	0.96	0.46	0.43	0.44	0.09	0.06	0.06	0.54	0.53	0.55	0.43	0.42	0.44	0.13	0.12	0.13	18.40	18.37	18.37	27.07	27.03	27.04	122.91	122.88	122.91
2022-12-14	0.95	0.91	0.94	0.46	0.42	0.43	0.09	0.06	0.06	0.53	0.52	0.54	0.42	0.42	0.43	0.13	0.12	0.12	18.41	18.37	18.38	27.07	27.04	27.05	122.91	122.88	122.92
2022-12-15	0.94	0.90	0.93	0.45	0.42	0.43	0.09	0.06	0.06	0.52	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	13.67	13.64	13.65	19.91	19.87	19.88	83.73	83.69	83.72
2022-12-16	0.93	0.89	0.92	0.45	0.41	0.42	0.09	0.05	0.06	0.52	0.51	0.53	0.41	0.41	0.42	0.12	0.12	0.12	13.75	13.71	13.73	19.98	19.95	19.97	83.81	83.77	83.81
2022-12-17	0.92	0.88	0.91	0.44	0.41	0.42	0.09	0.05	0.06	0.51	0.51	0.52	0.41	0.40	0.41	0.12	0.12	0.12	13.63	13.59	13.61	19.86	19.83	19.84	83.68	83.65	83.68
2022-12-18	0.91	0.87	0.90	0.44	0.40	0.41	0.09	0.05	0.05	0.51	0.50	0.51	0.40	0.40	0.41	0.12	0.12	0.12	13.62	13.59	13.60	19.86	19.82	19.83	83.68	83.65	83.67
2022-12-19	0.90	0.87	0.89	0.43	0.40	0.41	0.09	0.05	0.05	0.50	0.50	0.51	0.40	0.39	0.40	0.12	0.11	0.12	13.61	13.57	13.58	19.84	19.81	19.81	83.67	83.63	83.66
2022-12-20	0.89	0.86	0.88	0.43	0.39	0.40	0.09	0.05	0.05	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.12	13.61	13.57	13.57	19.84	19.81	19.81	83.67	83.63	83.65
2022-12-21	0.88	0.85	0.87	0.42	0.39	0.40	0.08	0.05	0.05	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.12	13.61	13.57	13.58	19.84	19.81	19.81	83.67	83.63	83.65
2022-12-22	0.87	0.84	0.86	0.42	0.39	0.40	0.08	0.05	0.05	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	13.61	13.58	13.58	19.85	19.81	19.81	83.67	83.63	83.66
2022-12-23	0.87	0.83	0.85	0.42	0.38	0.39	0.08	0.05	0.05	0.48	0.48	0.49	0.38	0.38	0.39	0.11	0.11	0.11	13.61	13.58	13.58	19.85	19.81	19.82	83.67	83.63	83.66
2022-12-24	0.86	0.83	0.84	0.41	0.38	0.39	0.08	0.05	0.05	0.48	0.47	0.48	0.38	0.38	0.38	0.11	0.11	0.11	13.61	13.58	13.58	19.85	19.81	19.82	83.67	83.64	83.66
2022-12-25	0.85	0.82	0.84	0.41	0.38	0.38	0.08	0.05	0.05	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.62	13.58	13.58	19.85	19.81	19.82	83.67	83.64	83.66
2022-12-26	0.85	0.82	0.83	0.41	0.38	0.38	0.08	0.05	0.05	0.47	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.62	13.58	13.58	19.85	19.81	19.82	83.67	83.64	83.66
2022-12-27	0.84	0.81	0.82	0.40	0.37	0.38	0.08	0.05	0.05	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	13.67	13.63	13.64	19.90	19.87	19.88	83.73	83.69	83.72
2022-12-28	0.84	0.80	0.82	0.40	0.37	0.38	0.08	0.05	0.05	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	13.74	13.70	13.71	19.97	19.93	19.95	83.79	83.76	83.79
2022-12-29	0.83	0.80	0.81	0.40	0.37	0.37	0.08	0.05	0.05	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.11	0.11	13.63	13.59	13.59	19.86	19.82	19.83	83.68	83.65	83.67
2022-12-30	0.82	0.79	0.81	0.40	0.37	0.37	0.08	0.05	0.05	0.46	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.11	13.61	13.58	13.58	19.85	19.81	19.82	83.67	83.64	83.66
2022-12-31	0.82	0.79	0.80	0.39	0.36	0.37	0.08	0.05	0.05	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	13.62	13.58	13.58	19.85	19.82	19.82	83.67	83.64	83.66
2023-01-01	0.82	0.79	0.80	0.39	0.36	0.37	0.08	0.05	0.05	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	13.62	13.58	13.60	19.85	19.82	19.84	83.67	83.64	83.73
2023-01-02	0.81	0.78	0.79	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.62	13.58	13.60	19.85	19.82	19.84	83.68	83.64	83.73
2023-01-03	0.81	0.78	0.79	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.62	13.58	13.60	19.85	19.82	19.84	83.68	83.64	83.73
2023-01-04	0.80	0.77	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.62	13.58	13.60	19.86	19.82	19.84	83.68	83.64	83.73
2023-01-05	0.80	0.77	0.78	0.38	0.35	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.62	13.59	13.60	19.86	19.82	19.84	83.68	83.64	83.73
2023-01-06	0.80	0.77	0.77	0.38	0.35	0.36	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.62	13.59	13.60	19.86	19.82	19.84	83.68	83.64	83.73
2023-01-07	0.79	0.76	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.63	13.59	13.60	19.86	19.82	19.84	83.68	83.65	83.74
2023-01-08	0.79	0.76	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.73	13.69	13.72	19.96	19.92	19.96	83.78	83.75	83.86
2023-01-09	0.79	0.77	0.76	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.93	13.89	13.97	20.16	20.12	20.21	83.99	83.94	84.10
2023-01-10	0.80	0.77	0.76	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.82	13.78	13.83	20.05	20.01	20.07	83.87	83.83	83.97
2023-01-11	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.62	13.59	13.60	19.86	19.82	19.84	83.68	83.65	83.74
2023-01-12	0.80	0.77	0.77	0.38	0.35	0.35	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.61	13.57	13.58	19.84	19.81	19.82	83.66	83.63	8

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2023-02-10	0.81	0.78	0.80	0.39	0.36	0.37	0.08	0.05	0.05	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	10.57	10.53	10.51	16.45	16.42	16.39	69.63	69.59	69.50
2023-02-11	0.91	0.88	0.92	0.44	0.41	0.42	0.09	0.05	0.06	0.51	0.51	0.53	0.41	0.40	0.42	0.12	0.12	0.12	10.57	10.53	10.51	16.45	16.42	16.39	69.63	69.59	69.50
2023-02-12	1.06	1.03	1.14	0.51	0.47	0.52	0.10	0.06	0.07	0.59	0.60	0.67	0.47	0.48	0.53	0.14	0.15	0.16	10.57	10.53	10.52	16.45	16.42	16.39	69.63	69.59	69.50
2023-02-13	0.85	0.82	0.86	0.41	0.38	0.40	0.08	0.05	0.05	0.47	0.47	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.57	10.53	10.54	16.45	16.42	16.41	69.63	69.60	69.52
2023-02-14	0.84	0.81	0.86	0.41	0.37	0.39	0.08	0.05	0.05	0.47	0.47	0.49	0.37	0.37	0.39	0.11	0.11	0.12	10.57	10.53	10.56	16.45	16.42	16.44	69.63	69.60	69.55
2023-02-15	0.84	0.81	0.85	0.40	0.37	0.39	0.08	0.05	0.05	0.47	0.47	0.49	0.37	0.37	0.39	0.11	0.11	0.12	10.49	10.46	10.44	15.38	15.35	15.33	65.48	65.45	65.36
2023-02-16	0.83	0.80	0.84	0.40	0.37	0.39	0.08	0.05	0.05	0.46	0.46	0.49	0.37	0.37	0.39	0.11	0.11	0.11	10.49	10.46	10.44	15.39	15.35	15.32	65.48	65.45	65.36
2023-02-17	0.83	0.80	0.83	0.40	0.37	0.38	0.08	0.05	0.05	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.49	10.46	10.44	15.39	15.35	15.33	65.48	65.45	65.36
2023-02-18	0.82	0.79	0.83	0.39	0.36	0.38	0.08	0.05	0.05	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.11	0.11	10.49	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2023-02-19	0.82	0.79	0.82	0.39	0.36	0.38	0.08	0.05	0.05	0.46	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2023-02-20	0.81	0.78	0.83	0.39	0.36	0.38	0.08	0.05	0.05	0.45	0.45	0.48	0.36	0.36	0.38	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2023-02-21	0.81	0.78	0.85	0.39	0.36	0.39	0.08	0.05	0.05	0.45	0.45	0.49	0.36	0.36	0.39	0.11	0.11	0.12	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2023-02-22	0.81	0.78	0.82	0.39	0.36	0.38	0.08	0.05	0.05	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2023-02-23	0.80	0.77	0.82	0.39	0.36	0.38	0.08	0.05	0.05	0.45	0.45	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.50	10.46	10.44	15.39	15.35	15.33	65.49	65.45	65.36
2023-02-24	0.80	0.77	0.81	0.38	0.35	0.37	0.08	0.05	0.05	0.45	0.44	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.45	65.37
2023-02-25	0.80	0.77	0.80	0.38	0.35	0.37	0.08	0.05	0.05	0.44	0.44	0.46	0.35	0.35	0.37	0.10	0.10	0.11	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.45	65.37
2023-02-26	0.79	0.76	0.80	0.38	0.35	0.37	0.08	0.05	0.05	0.44	0.44	0.46	0.35	0.35	0.37	0.10	0.10	0.11	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.46	65.37
2023-02-27	0.79	0.76	0.79	0.38	0.35	0.37	0.08	0.05	0.05	0.44	0.44	0.46	0.35	0.35	0.37	0.10	0.10	0.11	10.50	10.46	10.45	15.39	15.36	15.33	65.49	65.46	65.37
2023-02-28	0.79	0.77	0.79	0.38	0.35	0.36	0.08	0.05	0.05	0.44	0.44	0.46	0.35	0.35	0.36	0.10	0.10	0.11	10.50	10.47	10.45	15.39	15.36	15.33	65.49	65.46	65.37
2023-03-01	0.80	0.77	0.79	0.38	0.35	0.36	0.08	0.05	0.05	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.76	10.72	16.30	15.65	15.61	23.85	65.75	65.71	101.25
2023-03-02	0.83	0.80	0.85	0.40	0.37	0.39	0.08	0.05	0.05	0.46	0.46	0.49	0.37	0.37	0.39	0.11	0.11	0.12	12.08	12.01	19.04	16.98	16.90	26.60	67.07	67.00	103.99
2023-03-03	0.87	0.83	0.98	0.42	0.38	0.45	0.08	0.05	0.06	0.48	0.48	0.56	0.39	0.38	0.45	0.11	0.11	0.13	12.80	12.71	19.53	17.70	17.60	27.09	67.79	67.70	104.49
2023-03-04	0.82	0.79	0.97	0.39	0.36	0.45	0.08	0.05	0.06	0.46	0.45	0.56	0.36	0.36	0.45	0.11	0.11	0.14	10.88	10.84	16.83	15.77	15.73	24.38	65.87	65.83	101.78
2023-03-05	0.87	0.84	1.26	0.42	0.38	0.58	0.08	0.05	0.08	0.48	0.48	0.73	0.39	0.38	0.58	0.11	0.11	0.18	10.85	10.80	16.70	15.74	15.70	24.26	65.84	65.80	101.65
2023-03-06	0.88	0.85	1.16	0.42	0.39	0.53	0.08	0.05	0.07	0.49	0.49	0.67	0.39	0.39	0.54	0.12	0.12	0.16	10.82	10.78	16.60	15.71	15.67	24.15	65.81	65.77	101.55
2023-03-07	0.80	0.77	0.95	0.38	0.35	0.44	0.08	0.05	0.06	0.45	0.45	0.55	0.36	0.35	0.44	0.11	0.10	0.13	10.80	10.75	16.50	15.69	15.64	24.06	65.79	65.74	101.45
2023-03-08	0.79	0.76	0.93	0.38	0.35	0.43	0.08	0.05	0.06	0.44	0.44	0.54	0.35	0.35	0.43	0.10	0.10	0.13	10.77	10.73	16.41	15.66	15.62	23.97	65.76	65.72	101.36
2023-03-09	0.79	0.76	1.34	0.38	0.35	0.62	0.08	0.05	0.08	0.44	0.44	0.77	0.35	0.35	0.62	0.10	0.10	0.18	10.75	10.71	16.34	15.64	15.60	23.90	65.74	65.70	101.29
2023-03-10	0.79	0.77	2.03	0.38	0.35	0.94	0.08	0.05	0.12	0.44	0.44	1.17	0.35	0.35	0.94	0.10	0.10	0.28	10.73	10.68	16.27	15.62	15.58	23.83	65.72	65.68	101.22
2023-03-11	0.80	0.77	1.24	0.38	0.35	0.57	0.08	0.05	0.08	0.44	0.44	0.72	0.35	0.35	0.57	0.10	0.10	0.17	10.71	10.67	16.21	15.60	15.56	23.77	65.70	65.66	101.17
2023-03-12	0.80	0.77	1.21	0.38	0.35	0.56	0.08	0.05	0.07	0.44	0.44	0.70	0.35	0.35	0.56	0.10	0.10	0.16	10.69	10.65	16.21	15.58	15.54	23.77	65.68	65.64	101.16
2023-03-13	0.80	0.77	1.18	0.38	0.35	0.54	0.08	0.05	0.07	0.44	0.44	0.68	0.35	0.35	0.54	0.11	0.10	0.16	10.76	10.71	16.51	15.65	15.61	24.07	65.75	65.71	101.46
2023-03-14	0.80	0.77	1.16	0.38	0.35	0.53	0.08	0.05	0.07	0.45	0.44	0.67	0.35	0.35	0.53	0.11	0.10	0.16	11.89	11.82	18.24	16.78	16.72	25.80	66.88	66.81	103.19
2023-03-15	0.80	0.77	1.13	0.38	0.35	0.52	0.08	0.05	0.07	0.45	0.44	0.65	0.35	0.35	0.52	0.11	0.10	0.15	15.39	15.30	23.65	22.20	22.12	34.17	84.46	84.37	130.35
2023-03-16	0.80	0.77	1.10	0.38	0.35	0.51	0.08	0.05	0.07	0.45	0.44	0.64	0.36	0.35	0.51	0.11	0.10	0.15	14.50	14.44	22.85	21.31	21.25	33.37	83.57	83.51	129.55
2023-03-17	0.80	0.77	1.08	0.38	0.35	0.50	0.08	0.05	0.07	0.45	0.44	0.62	0.36	0.35	0.50	0.11	0.10	0.15	14.28	14.22	22.59	21.09	21.03	33.11	83.35	83.29	129.29
2023-03-18	0.80	0.77	1.06	0.38	0.36	0.49	0.08	0.05	0.06	0.45	0.45	0.61	0.36	0.35	0.49	0.11	0.10	0.14	14.19	14.13	22.24	21.00	20.94	32.77	83.26	83.20	128.94
2023-03-19	1.00	0.96	1.15	0.48	0.44	0.53	0.10	0.06	0.07	0.56	0.55	0.66	0.44	0.44	0.53	0.13	0.13	0.16	14.11	14.05	21.95	20.92	20.86	32.48	83.18	83.12	128.65
2023-03-20	1.59	1.53	2.09	0.76	0.70	0.96	0.15	0.09	0.13	0.89	0.89	1.22	0.70	0.71	0.98	0.21	0.22	0.30	14.04	13.98	21.76	20.85	20.79	32.28	83.11	83.05	128.46
2023-03-21	1.61	1.55	2.25	0.77	0.71	1.04	0.15	0.09	0.14	0.90	0.90	1.32	0.71	0.72	1.05	0.21	0.22	0.32	13.97	13.91	21.59	20.78	20.73	32.11	83.04	82.98	128.29
2023-03-22	0.99	0.95	1.79	0.48	0.44	0.82	0.09	0.06	0.11	0.55	0.55	1.04	0.44	0.44	0.83	0.13	0.13	0.25	13.91	13.85	21.39	20.72	20.67	31.92	82.98	82.92	128.09
2023-03-23	0.98	0.94	1.84	0.47	0.43	0.85	0.09	0.06	0.11	0.55	0.54	1.06	0.43	0.43	0.85	0.13	0.13	0.25	13.85	13.80	21.22	20.67	20.61	31.75	82.92	82.87	127.93
2023-03-24	0.96	0.93	1.75	0.46	0.43	0.81	0.09	0.06	0.11	0.54	0.54	1.01	0.43	0.43	0.81	0.13	0.13	0.24	13.80	13.75	21.08	20.62	20.56	31.60	82.87		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2023-04-22	5.17	5.10	5.05	2.48	2.41	2.38	0.50	0.42	0.41	2.88	2.89	2.86	2.30	2.30	2.28	0.68	0.69	0.68	33.45	33.39	77.50	45.81	45.75	106.29	196.12	196.06	456.43
2023-04-23	4.52	4.46	4.51	2.17	2.11	2.12	0.43	0.37	0.36	2.52	2.52	2.55	2.01	2.01	2.03	0.60	0.60	0.60	33.29	33.23	76.75	45.65	45.59	105.54	195.96	195.90	455.69
2023-04-24	3.99	3.92	4.40	1.91	1.85	2.07	0.38	0.32	0.34	2.22	2.22	2.50	1.77	1.77	1.99	0.53	0.53	0.59	33.15	33.09	76.31	45.51	45.45	105.10	195.82	195.76	455.24
2023-04-25	3.57	3.50	4.19	1.71	1.65	1.97	0.34	0.28	0.33	1.99	1.99	2.38	1.58	1.58	1.89	0.47	0.47	0.56	33.20	33.14	76.20	45.56	45.50	104.99	195.87	195.81	455.13
2023-04-26	3.19	3.13	3.67	1.53	1.47	1.73	0.31	0.24	0.29	1.78	1.78	2.08	1.42	1.41	1.66	0.42	0.42	0.49	33.57	33.53	76.31	45.93	45.89	105.10	196.24	196.20	455.25
2023-04-27	2.91	2.85	3.26	1.40	1.34	1.53	0.28	0.22	0.25	1.63	1.62	1.85	1.29	1.29	1.48	0.38	0.38	0.44	34.36	34.32	76.45	46.72	46.68	105.24	197.03	196.99	455.38
2023-04-28	2.91	2.85	3.03	1.40	1.34	1.42	0.28	0.22	0.23	1.62	1.63	1.72	1.29	1.30	1.37	0.38	0.39	0.41	35.17	35.12	76.85	47.53	47.48	105.65	197.84	197.79	455.79
2023-04-29	3.43	3.36	3.25	1.64	1.58	1.52	0.33	0.27	0.24	1.91	1.92	1.85	1.52	1.53	1.48	0.45	0.47	0.44	35.16	35.12	76.96	47.52	47.48	105.75	197.83	197.79	455.89
2023-04-30	3.66	3.61	3.56	1.76	1.70	1.67	0.35	0.29	0.27	2.04	2.06	2.03	1.63	1.64	1.61	0.48	0.50	0.48	34.68	34.62	76.40	47.04	46.98	105.19	197.35	197.29	455.34
2023-05-01	3.24	3.18	3.36	1.56	1.49	1.58	0.31	0.25	0.26	1.81	1.80	1.91	1.44	1.44	1.52	0.43	0.43	0.45	34.34	34.27	26.20	46.70	46.63	34.85	197.01	196.94	140.09
2023-05-02	2.93	2.87	3.02	1.41	1.35	1.42	0.28	0.22	0.23	1.63	1.63	1.71	1.30	1.29	1.36	0.39	0.38	0.40	34.23	34.15	26.09	46.59	46.51	34.74	196.90	196.82	139.97
2023-05-03	3.06	2.99	3.54	1.47	1.40	1.65	0.29	0.23	0.26	1.70	1.70	2.01	1.36	1.35	1.60	0.40	0.40	0.47	34.48	34.42	26.12	46.84	46.78	34.77	197.15	197.09	140.00
2023-05-04	3.32	3.25	4.78	1.59	1.52	2.24	0.32	0.25	0.37	1.85	1.85	2.71	1.47	1.47	2.15	0.44	0.43	0.64	34.84	34.80	25.92	47.20	47.16	34.57	197.51	197.47	139.80
2023-05-05	3.98	3.89	4.67	1.91	1.82	2.19	0.38	0.29	0.37	2.22	2.22	2.64	1.77	1.76	2.10	0.52	0.52	0.62	35.23	35.18	25.60	47.59	47.54	34.25	197.90	197.85	139.48
2023-05-06	5.06	4.97	4.75	2.43	2.34	2.23	0.48	0.40	0.37	2.82	2.81	2.69	2.25	2.24	2.14	0.67	0.66	0.63	35.88	35.83	25.24	48.24	48.19	33.89	198.55	198.50	139.12
2023-05-07	4.55	4.47	4.17	2.18	2.10	1.96	0.44	0.36	0.33	2.54	2.53	2.35	2.02	2.01	1.87	0.60	0.59	0.55	36.44	36.40	24.94	48.80	48.76	33.59	199.11	199.07	138.82
2023-05-08	4.32	4.23	3.65	2.07	1.99	1.72	0.41	0.33	0.29	2.41	2.40	2.06	1.92	1.91	1.64	0.57	0.56	0.48	36.97	36.89	24.68	49.33	49.25	33.33	199.64	199.56	138.57
2023-05-09	4.18	4.10	3.24	2.01	1.93	1.52	0.40	0.32	0.25	2.33	2.32	1.84	1.86	1.85	1.46	0.55	0.55	0.43	37.44	37.32	24.46	49.80	49.68	33.12	200.11	199.99	138.35
2023-05-10	4.32	4.23	2.92	2.07	1.98	1.37	0.41	0.32	0.23	2.41	2.40	1.65	1.92	1.91	1.32	0.57	0.56	0.39	37.44	37.32	24.28	49.80	49.68	32.93	200.11	199.99	138.16
2023-05-11	4.57	4.48	2.66	2.19	2.10	1.24	0.44	0.34	0.20	2.55	2.54	1.50	2.03	2.02	1.20	0.60	0.60	0.35	37.45	37.34	24.11	49.81	49.69	32.77	200.12	200.00	138.00
2023-05-12	4.83	4.72	2.44	2.32	2.22	1.14	0.46	0.36	0.18	2.69	2.68	1.38	2.14	2.13	1.10	0.64	0.63	0.32	37.58	37.45	23.97	49.94	49.81	32.62	200.25	200.12	137.85
2023-05-13	4.80	4.71	2.25	2.30	2.21	1.05	0.46	0.37	0.17	2.68	2.67	1.28	2.13	2.12	1.02	0.63	0.63	0.30	39.41	39.24	24.52	51.76	51.60	33.17	202.07	201.91	138.40
2023-05-14	4.38	4.30	2.10	2.10	2.02	0.98	0.42	0.34	0.15	2.45	2.43	1.19	1.95	1.94	0.95	0.58	0.57	0.28	41.12	40.98	25.92	53.48	53.33	34.57	203.79	203.64	139.80
2023-05-15	3.94	3.87	1.96	1.89	1.82	0.92	0.38	0.31	0.14	2.20	2.19	1.11	1.75	1.74	0.89	0.52	0.51	0.26	117.47	117.37	79.89	150.38	150.28	102.93	731.34	731.24	509.66
2023-05-16	3.76	3.69	1.85	1.81	1.73	0.86	0.36	0.29	0.13	2.10	2.09	1.05	1.67	1.66	0.83	0.50	0.49	0.24	116.24	116.14	79.64	149.16	149.05	102.69	730.11	730.01	509.41
2023-05-17	3.63	3.56	1.75	1.74	1.67	0.81	0.35	0.27	0.12	2.02	2.01	0.99	1.61	1.60	0.79	0.48	0.47	0.23	115.57	115.47	79.44	148.48	148.38	102.48	729.44	729.34	509.21
2023-05-18	3.30	3.23	1.66	1.58	1.52	0.77	0.32	0.25	0.12	1.84	1.83	0.94	1.46	1.46	0.75	0.43	0.43	0.22	115.74	115.62	79.55	148.65	148.54	102.59	729.61	729.49	509.32
2023-05-19	2.97	2.91	1.58	1.43	1.37	0.73	0.28	0.22	0.11	1.66	1.65	0.90	1.32	1.31	0.71	0.39	0.39	0.21	115.69	115.58	79.63	148.60	148.49	102.68	729.56	729.45	509.41
2023-05-20	2.71	2.65	1.51	1.30	1.24	0.70	0.26	0.20	0.10	1.51	1.50	0.86	1.20	1.19	0.68	0.36	0.35	0.20	115.05	114.96	79.43	147.97	147.87	102.48	728.92	728.83	509.20
2023-05-21	2.50	2.44	1.45	1.20	1.14	0.67	0.24	0.18	0.10	1.39	1.38	0.82	1.11	1.10	0.66	0.33	0.32	0.19	114.47	114.38	79.26	147.38	147.29	102.30	728.34	728.25	509.03
2023-05-22	2.42	2.36	1.39	1.16	1.10	0.65	0.23	0.17	0.09	1.35	1.34	0.79	1.07	1.07	0.63	0.32	0.31	0.18	119.22	119.00	83.76	152.13	151.91	106.80	733.09	732.87	513.53
2023-05-23	2.39	2.33	1.34	1.15	1.09	0.62	0.23	0.17	0.09	1.34	1.33	0.77	1.06	1.05	0.61	0.32	0.31	0.18	126.86	126.74	92.60	159.77	159.65	115.65	740.73	740.61	522.37
2023-05-24	2.37	2.31	1.37	1.14	1.08	0.63	0.23	0.17	0.09	1.32	1.31	0.78	1.05	1.04	0.62	0.31	0.31	0.18	120.35	120.28	86.23	153.26	153.19	109.27	734.22	734.15	516.00
2023-05-25	2.29	2.23	1.40	1.10	1.05	0.65	0.22	0.17	0.10	1.28	1.27	0.80	1.02	1.01	0.63	0.30	0.30	0.18	118.28	118.17	84.52	151.19	151.08	107.56	732.15	732.04	514.29
2023-05-26	2.14	2.08	1.35	1.02	0.97	0.62	0.20	0.15	0.09	1.19	1.18	0.77	0.95	0.94	0.61	0.28	0.27	0.18	116.83	116.72	83.32	149.74	149.63	106.36	730.70	730.59	513.09
2023-05-27	2.00	1.95	1.30	0.96	0.91	0.60	0.19	0.14	0.09	1.12	1.11	0.74	0.89	0.88	0.59	0.26	0.26	0.17	115.76	115.66	82.42	148.67	148.57	105.46	729.63	729.53	512.19
2023-05-28	2.10	2.05	1.34	1.01	0.95	0.62	0.20	0.14	0.09	1.17	1.16	0.77	0.93	0.93	0.61	0.28	0.27	0.18	114.94	114.85	81.72	147.85	147.76	104.76	728.81	728.72	511.49
2023-05-29	2.66	2.58	1.76	1.27	1.20	0.81	0.25	0.18	0.12	1.48	1.47	1.00	1.18	1.17	0.80	0.35	0.34	0.23	114.30	114.22	81.17	147.22	147.13	104.21	728.17	728.09	510.94
2023-05-30	6.07	5.88	4.99	2.91	2.73	2.31	0.58	0.40	0.32	3.39	3.37	2.86	2.69	2.68	2.28	0.80	0.79	0.67	113.95	113.86	80.72	146.86	146.77	103.76	727.82	727.73	510.49
2023-05-31	9.27	9.23	8.78	4.45	4.41	4.23	0.89	0.85	0.86	5.17	5.16	4.87	4.12	4.11	3.88	1.22	1.22	1.15	114.36	114.26	80.97	147.27	147.17	104.02	728.23	728.13	510.75
2023-06-01	5.86	5.82	5.03	2.81	2.77	2.41	0.56	0.52	0.47	3.27	3.26	2.81	2.60	2.59	2.24	0.77	0.77	0.66	114.53	114.44	88.75	147.44	147.35	114.08	728.40	728.31	561.12
2023-06-02	4.93	4.85	4.26	2.37	2.29	2.01	0.47	0.40	0.34	2.75	2.74	2.41	2.19	2.18	1.92	0.65	0.64	0.57	113.97	113.89	88.31	146.89	146.80	113.63	727.84	727.76	560.68
2023-06-03	4.24	4.17	3.72	2.04	1.97	1.75	0																				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2023-07-02	1.73	1.67	1.35	0.83	0.78	0.62	0.17	0.11	0.09	0.96	0.96	0.77	0.77	0.76	0.61	0.23	0.22	0.18	154.47	154.39	145.66	189.40	189.32	178.64	1005.26	1005.18	948.97
2023-07-03	2.31	2.24	1.94	1.11	1.04	0.90	0.22	0.16	0.13	1.29	1.28	1.11	1.02	1.02	0.88	0.30	0.30	0.26	154.10	154.02	145.35	189.03	188.96	178.33	1004.89	1004.82	948.67
2023-07-04	2.16	2.11	1.70	1.04	0.99	0.79	0.21	0.16	0.12	1.21	1.20	0.96	0.96	0.95	0.77	0.28	0.28	0.22	153.79	153.72	145.09	188.72	188.65	178.07	1004.58	1004.51	948.41
2023-07-05	2.82	2.74	2.30	1.35	1.28	1.07	0.27	0.20	0.16	1.57	1.56	1.31	1.25	1.24	1.04	0.37	0.37	0.31	153.65	153.58	144.94	188.58	188.51	177.92	1004.44	1004.37	948.26
2023-07-06	2.49	2.44	1.97	1.20	1.15	0.92	0.24	0.19	0.15	1.39	1.38	1.11	1.11	1.10	0.89	0.33	0.32	0.26	153.52	153.45	144.81	188.45	188.38	177.79	1004.31	1004.24	948.13
2023-07-07	2.31	2.26	1.85	1.11	1.06	0.86	0.22	0.17	0.13	1.29	1.28	1.05	1.03	1.02	0.83	0.30	0.30	0.24	153.30	153.23	144.63	188.23	188.16	177.61	1004.09	1004.02	947.94
2023-07-08	2.15	2.10	1.75	1.03	0.98	0.81	0.21	0.16	0.12	1.20	1.19	0.99	0.96	0.95	0.79	0.28	0.28	0.23	154.48	154.38	145.72	189.41	189.31	178.70	1005.27	1005.17	949.03
2023-07-09	2.02	1.97	1.66	0.97	0.92	0.77	0.19	0.14	0.12	1.12	1.12	0.94	0.89	0.89	0.75	0.27	0.26	0.22	157.10	156.96	148.16	192.03	191.89	181.15	1007.89	1007.75	951.48
2023-07-10	1.90	1.85	1.58	0.91	0.86	0.73	0.18	0.13	0.11	1.06	1.05	0.90	0.84	0.83	0.71	0.25	0.24	0.21	155.00	154.94	146.23	189.93	189.87	179.21	1005.79	1005.73	949.55
2023-07-11	1.80	1.75	1.51	0.86	0.81	0.70	0.17	0.12	0.10	1.00	0.99	0.86	0.80	0.79	0.68	0.24	0.23	0.20	154.54	154.46	145.81	189.47	189.39	178.79	1005.33	1005.25	949.13
2023-07-12	1.73	1.69	1.46	0.83	0.79	0.68	0.17	0.12	0.10	0.97	0.96	0.83	0.77	0.76	0.66	0.23	0.22	0.19	154.16	154.08	145.48	189.09	189.01	178.46	1004.95	1004.87	948.79
2023-07-13	1.68	1.63	1.41	0.80	0.76	0.65	0.16	0.12	0.10	0.94	0.93	0.80	0.74	0.74	0.64	0.22	0.21	0.18	153.84	153.77	145.20	188.77	188.70	178.18	1004.63	1004.56	948.52
2023-07-14	1.60	1.56	1.36	0.77	0.72	0.63	0.15	0.11	0.09	0.89	0.88	0.77	0.71	0.70	0.61	0.21	0.20	0.18	153.57	153.50	144.96	188.50	188.43	177.94	1004.36	1004.29	948.28
2023-07-15	1.53	1.49	1.31	0.74	0.69	0.61	0.15	0.10	0.09	0.86	0.85	0.75	0.68	0.67	0.59	0.20	0.20	0.17	64.88	64.81	61.23	85.26	85.19	80.48	510.46	510.40	481.95
2023-07-16	1.47	1.43	1.27	0.71	0.66	0.59	0.14	0.10	0.09	0.82	0.81	0.72	0.65	0.65	0.57	0.19	0.19	0.17	64.68	64.62	61.06	85.06	85.00	80.30	510.27	510.20	481.78
2023-07-17	1.42	1.38	1.23	0.68	0.64	0.57	0.14	0.09	0.08	0.79	0.78	0.70	0.63	0.62	0.56	0.19	0.18	0.16	64.51	64.45	60.90	84.89	84.83	80.14	510.09	510.03	481.62
2023-07-18	1.37	1.33	1.20	0.66	0.62	0.55	0.13	0.09	0.08	0.76	0.76	0.68	0.61	0.60	0.54	0.18	0.17	0.16	64.36	64.30	60.77	84.74	84.68	80.01	509.95	509.88	481.49
2023-07-19	1.33	1.28	1.16	0.64	0.59	0.54	0.13	0.09	0.07	0.74	0.73	0.66	0.59	0.58	0.53	0.17	0.17	0.15	64.27	64.21	60.66	84.65	84.59	79.90	509.85	509.79	481.38
2023-07-20	1.29	1.24	1.13	0.62	0.58	0.52	0.12	0.08	0.07	0.72	0.71	0.65	0.57	0.56	0.51	0.17	0.16	0.15	64.18	64.12	60.57	84.56	84.50	79.81	509.77	509.71	481.29
2023-07-21	1.25	1.21	1.11	0.60	0.56	0.51	0.12	0.08	0.07	0.70	0.69	0.63	0.55	0.55	0.50	0.16	0.16	0.14	64.07	64.01	60.47	84.45	84.39	79.71	509.65	509.60	481.19
2023-07-22	1.22	1.18	1.08	0.58	0.54	0.50	0.12	0.08	0.07	0.68	0.67	0.62	0.54	0.53	0.49	0.16	0.15	0.14	63.97	63.92	60.38	84.35	84.30	79.63	509.56	509.50	481.10
2023-07-23	1.19	1.15	1.06	0.57	0.53	0.49	0.11	0.07	0.07	0.66	0.65	0.60	0.53	0.52	0.48	0.16	0.15	0.14	63.88	63.83	60.30	84.26	84.21	79.55	509.47	509.41	481.02
2023-07-24	1.16	1.12	1.04	0.56	0.52	0.48	0.11	0.07	0.06	0.65	0.64	0.59	0.51	0.51	0.47	0.15	0.15	0.13	63.80	63.75	60.23	84.18	84.13	79.47	509.39	509.33	480.95
2023-07-25	1.13	1.09	1.02	0.54	0.50	0.47	0.11	0.07	0.06	0.63	0.62	0.58	0.50	0.50	0.46	0.15	0.14	0.13	63.73	63.68	60.17	84.11	84.05	79.41	509.31	509.26	480.89
2023-07-26	1.11	1.07	1.00	0.53	0.49	0.46	0.11	0.07	0.06	0.62	0.61	0.57	0.49	0.48	0.45	0.15	0.14	0.13	63.67	63.61	60.11	84.04	83.99	79.35	509.25	509.19	480.83
2023-07-27	1.09	1.05	0.98	0.52	0.48	0.45	0.10	0.07	0.06	0.61	0.60	0.56	0.48	0.47	0.45	0.14	0.14	0.13	63.61	63.55	60.06	83.99	83.93	79.30	509.19	509.13	480.77
2023-07-28	1.07	1.03	0.97	0.51	0.47	0.45	0.10	0.06	0.06	0.59	0.59	0.55	0.47	0.47	0.44	0.14	0.13	0.13	63.55	63.50	60.01	83.93	83.88	79.25	509.13	509.08	480.73
2023-07-29	1.05	1.01	0.95	0.50	0.46	0.44	0.10	0.06	0.06	0.58	0.58	0.54	0.46	0.46	0.43	0.14	0.13	0.12	63.58	63.53	60.02	83.96	83.91	79.26	509.16	509.11	480.74
2023-07-30	1.03	0.99	0.94	0.49	0.46	0.43	0.10	0.06	0.06	0.57	0.57	0.54	0.46	0.45	0.43	0.14	0.13	0.12	63.60	63.55	60.03	83.98	83.93	79.27	509.19	509.14	480.75
2023-07-31	1.01	0.97	0.93	0.49	0.45	0.43	0.10	0.06	0.06	0.56	0.56	0.53	0.45	0.44	0.42	0.13	0.13	0.12	63.55	63.50	59.98	83.93	83.88	79.23	509.13	509.08	480.70
2023-08-01	1.44	1.38	1.28	0.69	0.64	0.59	0.14	0.08	0.08	0.80	0.79	0.73	0.64	0.63	0.58	0.19	0.18	0.17	65.15	65.06	58.39	85.53	85.44	76.68	510.74	510.64	458.22
2023-08-02	2.21	2.14	1.90	1.06	0.99	0.88	0.21	0.14	0.12	1.23	1.22	1.09	0.98	0.97	0.87	0.29	0.29	0.25	67.89	67.76	60.68	88.27	88.14	78.97	513.47	513.34	460.50
2023-08-03	1.37	1.34	1.22	0.66	0.63	0.57	0.13	0.11	0.09	0.76	0.76	0.69	0.61	0.60	0.54	0.18	0.17	0.16	65.22	65.19	58.46	85.60	85.57	76.74	510.80	510.77	458.28
2023-08-04	1.32	1.28	1.17	0.64	0.59	0.54	0.13	0.09	0.08	0.74	0.73	0.67	0.59	0.58	0.53	0.17	0.17	0.15	64.98	64.91	58.24	85.36	85.29	76.52	510.56	510.49	458.06
2023-08-05	1.28	1.24	1.14	0.62	0.58	0.53	0.12	0.08	0.07	0.72	0.71	0.65	0.57	0.56	0.52	0.17	0.16	0.15	65.55	65.47	58.66	85.93	85.85	76.95	511.14	511.05	458.48
2023-08-06	1.26	1.22	1.11	0.60	0.56	0.51	0.12	0.08	0.07	0.70	0.69	0.63	0.56	0.55	0.50	0.17	0.16	0.14	67.26	67.16	59.94	87.64	87.53	78.22	512.84	512.74	459.76
2023-08-07	1.32	1.28	1.14	0.63	0.59	0.53	0.13	0.08	0.07	0.74	0.73	0.65	0.59	0.58	0.52	0.17	0.17	0.15	66.34	66.27	59.23	86.72	86.65	77.52	511.92	511.85	459.05
2023-08-08	1.37	1.33	1.17	0.66	0.62	0.54	0.13	0.09	0.08	0.76	0.76	0.67	0.61	0.60	0.53	0.18	0.17	0.15	65.91	65.84	58.92	86.29	86.22	77.21	511.50	511.42	458.74
2023-08-09	1.32	1.28	1.14	0.63	0.59	0.53	0.13	0.09	0.07	0.74	0.73	0.65	0.59	0.58	0.52	0.17	0.17	0.15	65.56	65.49	58.66	85.94	85.87	76.95	511.14	511.07	458.48
2023-08-10	1.28	1.24	1.11	0.62	0.57	0.51	0.12	0.08	0.07	0.72	0.71	0.63	0.57	0.56	0.50	0.17	0.16	0.14	65.26	65.19	58.44	85.64	85.57	76.73	510.85	510.78	458.26
2023-08-11	1.25	1.21	1.09	0.60	0.56	0.50	0.12	0.08	0.07	0.70	0.69	0.62	0.55	0.55	0.49	0.16	0.16	0.14	65.01	64.95	58.25	85.39	85.33	76.54	510.60	510.53	458.08
2023-08-12	1.21	1.17	1.06	0.58	0.54	0.49	0.12	0.08	0.07	0.68	0.67	0.61	0.54	0.53	0.48	0.16	0.15	0.14	64.80	64.73	58.09	85.18	85.11	76.38	510.38	510.31	457.91
2023-08-13	1.18	1.14	1.04	0.57	0.																						

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2023-09-11	0.91	0.88	0.84	0.44	0.40	0.39	0.09	0.05	0.05	0.51	0.50	0.48	0.40	0.40	0.38	0.12	0.11	0.11	31.59	31.51	29.44	42.47	42.40	39.62	227.32	227.25	212.64
2023-09-12	0.90	0.87	0.84	0.43	0.40	0.38	0.09	0.05	0.05	0.50	0.50	0.48	0.40	0.39	0.38	0.12	0.11	0.11	31.25	31.18	29.15	42.13	42.06	39.34	226.98	226.91	212.36
2023-09-13	0.89	0.86	0.83	0.43	0.40	0.38	0.09	0.05	0.05	0.50	0.49	0.47	0.40	0.39	0.38	0.12	0.11	0.11	30.96	30.89	28.91	41.84	41.77	39.09	226.69	226.63	212.12
2023-09-14	0.88	0.85	0.82	0.42	0.39	0.38	0.08	0.05	0.05	0.49	0.49	0.47	0.39	0.39	0.37	0.12	0.11	0.11	30.72	30.65	28.70	41.60	41.53	38.89	226.45	226.38	211.91
2023-09-15	0.88	0.84	0.82	0.42	0.39	0.38	0.08	0.05	0.05	0.49	0.48	0.47	0.39	0.38	0.37	0.12	0.11	0.11	20.91	20.85	19.54	29.64	29.58	27.71	162.49	162.43	152.06
2023-09-16	1.61	1.55	1.50	0.77	0.71	0.69	0.15	0.09	0.09	0.90	0.89	0.86	0.71	0.71	0.68	0.21	0.20	0.20	20.73	20.67	19.38	29.46	29.40	27.55	162.31	162.25	151.90
2023-09-17	2.70	2.60	2.55	1.29	1.19	1.17	0.26	0.16	0.16	1.50	1.50	1.47	1.20	1.19	1.17	0.36	0.35	0.34	21.15	21.07	19.74	29.88	29.80	27.92	162.72	162.65	152.26
2023-09-18	1.39	1.37	1.35	0.67	0.65	0.64	0.13	0.12	0.12	0.77	0.77	0.76	0.62	0.61	0.60	0.18	0.18	0.18	23.40	23.28	21.79	32.13	32.01	29.97	164.98	164.85	154.31
2023-09-19	1.45	1.41	1.43	0.70	0.65	0.66	0.14	0.09	0.10	0.81	0.80	0.81	0.64	0.64	0.65	0.19	0.19	0.19	23.25	23.16	21.67	31.98	31.89	29.84	164.83	164.74	154.19
2023-09-20	1.50	1.46	1.56	0.72	0.68	0.72	0.14	0.10	0.11	0.84	0.83	0.89	0.67	0.66	0.71	0.20	0.19	0.21	22.34	22.26	20.85	31.07	31.00	29.02	163.92	163.84	153.37
2023-09-21	1.44	1.40	1.44	0.69	0.65	0.67	0.14	0.10	0.10	0.81	0.80	0.82	0.64	0.63	0.65	0.19	0.18	0.19	21.94	21.86	20.49	30.67	30.59	28.67	163.52	163.44	153.01
2023-09-22	1.40	1.36	1.40	0.67	0.63	0.65	0.13	0.09	0.10	0.78	0.77	0.80	0.62	0.62	0.63	0.18	0.18	0.18	22.01	21.92	20.55	30.74	30.65	28.72	163.58	163.50	153.07
2023-09-23	1.53	1.48	1.50	0.73	0.69	0.70	0.15	0.10	0.10	0.85	0.84	0.86	0.68	0.67	0.68	0.20	0.20	0.20	22.48	22.39	20.97	31.22	31.12	29.15	164.06	163.97	153.49
2023-09-24	2.63	2.55	2.60	1.26	1.18	1.21	0.25	0.17	0.17	1.47	1.46	1.49	1.17	1.16	1.19	0.35	0.34	0.35	23.72	23.60	22.07	32.45	32.33	30.24	165.30	165.18	154.59
2023-09-25	4.45	4.33	4.73	2.13	2.01	2.20	0.43	0.31	0.33	2.48	2.47	2.70	1.97	1.97	2.15	0.59	0.58	0.64	24.52	24.40	22.81	33.25	33.13	30.98	166.10	165.98	155.33
2023-09-26	4.77	4.70	5.08	2.29	2.22	2.40	0.46	0.39	0.42	2.66	2.65	2.86	2.12	2.11	2.28	0.63	0.62	0.67	23.61	23.52	22.02	32.34	32.25	30.19	165.19	165.10	154.54
2023-09-27	3.80	3.75	3.92	1.83	1.77	1.85	0.36	0.31	0.33	2.12	2.11	2.21	1.69	1.68	1.76	0.50	0.50	0.52	22.96	22.88	21.45	31.70	31.61	29.63	164.54	164.46	153.97
2023-09-28	3.63	3.56	3.64	1.74	1.67	1.71	0.35	0.28	0.29	2.02	2.01	2.06	1.61	1.60	1.64	0.48	0.47	0.48	26.28	26.10	24.43	35.01	34.83	32.60	167.86	167.68	156.95
2023-09-29	3.24	3.17	3.24	1.55	1.49	1.52	0.31	0.25	0.25	1.81	1.80	1.83	1.44	1.43	1.46	0.43	0.42	0.43	34.85	34.63	32.39	43.58	43.36	40.57	176.43	176.21	164.91
2023-09-30	2.92	2.86	2.92	1.40	1.34	1.37	0.28	0.22	0.23	1.63	1.62	1.65	1.30	1.29	1.31	0.38	0.38	0.39	31.73	31.58	29.77	40.46	40.31	37.94	173.31	173.16	162.29
2023-10-01	2.66	2.61	2.65	1.28	1.22	1.24	0.26	0.20	0.20	1.49	1.48	1.50	1.18	1.18	1.19	0.35	0.34	0.35	29.56	29.42	28.48	38.29	38.15	36.95	171.14	171.00	165.79
2023-10-02	2.45	2.40	2.43	1.18	1.12	1.14	0.24	0.18	0.18	1.37	1.36	1.38	1.09	1.08	1.10	0.32	0.32	0.32	27.53	27.41	26.54	36.26	36.14	35.01	169.11	168.99	163.84
2023-10-03	2.27	2.22	2.25	1.09	1.04	1.05	0.22	0.17	0.17	1.27	1.26	1.28	1.01	1.00	1.02	0.30	0.29	0.30	25.96	25.85	25.06	34.69	34.58	33.53	167.53	167.43	162.36
2023-10-04	2.12	2.07	2.10	1.02	0.97	0.98	0.20	0.15	0.16	1.18	1.17	1.19	0.94	0.93	0.95	0.28	0.27	0.28	24.76	24.67	23.94	33.49	33.40	32.41	166.34	166.24	161.24
2023-10-05	1.99	1.94	1.96	0.95	0.91	0.92	0.19	0.14	0.14	1.11	1.10	1.11	0.88	0.88	0.89	0.26	0.26	0.26	23.86	23.77	23.09	32.60	32.50	31.56	165.44	165.35	160.39
2023-10-06	1.87	1.83	1.85	0.90	0.85	0.86	0.18	0.13	0.13	1.05	1.04	1.05	0.83	0.83	0.83	0.25	0.24	0.24	23.17	23.08	22.43	31.90	31.81	30.90	164.75	164.66	159.73
2023-10-07	1.78	1.73	1.75	0.85	0.81	0.81	0.17	0.12	0.13	0.99	0.98	0.99	0.79	0.78	0.79	0.23	0.23	0.23	22.93	22.84	22.21	31.66	31.57	30.68	164.51	164.42	159.51
2023-10-08	1.69	1.64	1.66	0.81	0.76	0.77	0.16	0.12	0.12	0.94	0.93	0.94	0.75	0.74	0.75	0.22	0.22	0.22	22.70	22.62	22.01	31.44	31.35	30.47	164.28	164.20	159.31
2023-10-09	1.61	1.57	1.58	0.77	0.73	0.74	0.15	0.11	0.11	0.90	0.89	0.90	0.72	0.71	0.71	0.21	0.21	0.21	22.24	22.16	21.56	30.97	30.89	30.03	163.82	163.74	158.86
2023-10-10	1.54	1.50	1.51	0.74	0.70	0.70	0.15	0.10	0.11	0.86	0.85	0.86	0.69	0.68	0.68	0.20	0.20	0.20	22.21	22.12	21.43	30.94	30.86	29.90	163.79	163.70	158.73
2023-10-11	1.48	1.44	1.45	0.71	0.67	0.67	0.14	0.10	0.10	0.83	0.82	0.82	0.66	0.65	0.66	0.20	0.19	0.19	22.15	22.07	21.31	30.88	30.81	29.77	163.73	163.65	158.61
2023-10-12	1.43	1.38	1.39	0.68	0.64	0.65	0.14	0.09	0.10	0.80	0.79	0.79	0.63	0.63	0.63	0.19	0.18	0.18	21.78	21.71	20.98	30.52	30.44	29.45	163.36	163.29	158.29
2023-10-13	1.38	1.34	1.35	0.66	0.62	0.62	0.13	0.09	0.09	0.77	0.76	0.77	0.61	0.61	0.61	0.18	0.18	0.18	21.48	21.41	20.71	30.21	30.14	29.17	163.06	162.99	158.01
2023-10-14	2.74	2.65	2.90	1.32	1.22	1.34	0.26	0.17	0.19	1.53	1.52	1.66	1.22	1.21	1.32	0.36	0.35	0.39	21.22	21.15	20.47	29.95	29.88	28.94	162.80	162.73	157.77
2023-10-15	6.40	6.22	7.13	3.07	2.89	3.32	0.61	0.43	0.50	3.57	3.56	4.08	2.84	2.83	3.25	0.84	0.84	0.96	20.23	20.17	19.53	28.41	28.34	27.45	139.38	139.31	135.07
2023-10-16	5.00	4.95	5.75	2.40	2.35	2.73	0.48	0.43	0.50	2.79	2.78	3.23	2.22	2.21	2.57	0.66	0.66	0.76	20.08	20.01	19.38	28.25	28.18	27.30	139.22	139.15	134.92
2023-10-17	3.93	3.87	4.40	1.89	1.83	2.08	0.38	0.32	0.37	2.19	2.18	2.48	1.75	1.74	1.97	0.52	0.51	0.58	19.90	19.84	19.22	28.07	28.01	27.14	139.04	138.98	134.76
2023-10-18	3.48	3.41	3.82	1.67	1.60	1.80	0.33	0.27	0.30	1.94	1.93	2.16	1.54	1.54	1.72	0.46	0.45	0.51	19.75	19.69	19.08	27.92	27.86	27.01	138.89	138.83	134.63
2023-10-19	3.12	3.05	3.37	1.50	1.43	1.58	0.30	0.23	0.26	1.74	1.73	1.91	1.38	1.37	1.52	0.41	0.40	0.45	19.61	19.55	18.95	27.78	27.72	26.88	138.75	138.69	134.50
2023-10-20	2.82	2.77	3.03	1.36	1.30	1.42	0.27	0.22	0.24	1.58	1.57	1.71	1.25	1.25	1.36	0.37	0.37	0.40	19.49	19.43	18.85	27.66	27.60	26.77	138.63	138.58	134.39
2023-10-21	2.76	2.70	2.96	1.32	1.26	1.39	0.26	0.20	0.23	1.54	1.53	1.68	1.23	1.22	1.33	0.36	0.36	0.39	19.38	19.33	18.75	27.56	27.50	26.68	138.53	138.47	134.29
2023-10-22	2.69	2.63	2.88	1.29	1.23	1.35	0.26	0.20	0.22	1.50	1.49	1.63	1.19	1.19	1.30	0.35	0.35	0.38	19.29	19.23	18.66	27.46	27.41	26.59	138.43	138.38	134.21
2023-10-23	2.47	2.42	2.62	1.19	1.13	1.23	0.24	0.18	0.20	1.38	1.37	1.49	1.10	1.09	1.18	0.33	0.32	0.35									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2023-11-21	1.51	1.47	1.47	0.73	0.68	0.68	0.14	0.10	0.10	0.84	0.84	0.84	0.67	0.67	0.67	0.20	0.20	0.20	18.56	18.52	18.36	27.22	27.18	26.96	123.07	123.02	121.98
2023-11-22	1.51	1.46	1.47	0.73	0.68	0.68	0.14	0.10	0.10	0.84	0.84	0.85	0.67	0.67	0.67	0.20	0.20	0.20	18.55	18.50	18.35	27.21	27.17	26.94	123.05	123.01	121.97
2023-11-23	1.51	1.46	1.47	0.72	0.68	0.68	0.14	0.10	0.10	0.84	0.84	0.84	0.67	0.67	0.67	0.20	0.20	0.20	18.53	18.49	18.34	27.20	27.16	26.93	123.04	123.00	121.96
2023-11-24	1.45	1.41	1.42	0.70	0.65	0.66	0.14	0.09	0.10	0.81	0.81	0.81	0.64	0.64	0.65	0.19	0.19	0.19	18.52	18.48	18.33	27.19	27.14	26.92	123.03	122.99	121.95
2023-11-25	1.40	1.35	1.36	0.67	0.62	0.63	0.13	0.09	0.09	0.78	0.78	0.78	0.62	0.62	0.62	0.18	0.18	0.18	18.51	18.47	18.32	27.18	27.13	26.91	123.02	122.98	121.94
2023-11-26	1.35	1.30	1.31	0.65	0.60	0.61	0.13	0.08	0.08	0.75	0.75	0.75	0.60	0.60	0.60	0.18	0.17	0.18	18.50	18.46	18.31	27.16	27.12	26.90	123.01	122.97	121.93
2023-11-27	1.31	1.26	1.27	0.63	0.58	0.58	0.13	0.08	0.08	0.73	0.72	0.73	0.58	0.58	0.58	0.17	0.17	0.17	18.49	18.45	18.30	27.15	27.12	26.89	123.00	122.96	121.92
2023-11-28	1.27	1.22	1.23	0.61	0.56	0.57	0.12	0.07	0.08	0.71	0.70	0.71	0.56	0.56	0.56	0.17	0.16	0.16	18.48	18.44	18.29	27.15	27.11	26.88	122.99	122.95	121.91
2023-11-29	1.24	1.19	1.20	0.59	0.55	0.55	0.12	0.08	0.08	0.69	0.68	0.69	0.55	0.54	0.55	0.16	0.16	0.16	18.47	18.43	18.28	27.14	27.10	26.87	122.98	122.94	121.90
2023-11-30	1.20	1.16	1.17	0.58	0.54	0.54	0.12	0.07	0.07	0.67	0.67	0.67	0.53	0.53	0.53	0.16	0.16	0.16	18.46	18.42	18.28	27.13	27.09	26.87	122.97	122.93	121.89
2023-12-01	1.17	1.13	1.14	0.56	0.52	0.52	0.11	0.07	0.07	0.66	0.65	0.65	0.52	0.52	0.52	0.15	0.15	0.15	18.45	18.42	18.42	27.12	27.08	27.09	122.96	122.93	122.98
2023-12-02	1.15	1.11	1.11	0.55	0.51	0.51	0.11	0.07	0.07	0.64	0.64	0.64	0.51	0.51	0.51	0.15	0.15	0.15	18.45	18.41	18.42	27.11	27.08	27.09	122.95	122.92	122.98
2023-12-03	1.12	1.08	1.09	0.54	0.50	0.50	0.11	0.07	0.07	0.63	0.62	0.63	0.50	0.50	0.50	0.15	0.15	0.15	18.44	18.40	18.41	27.10	27.07	27.08	122.95	122.91	122.97
2023-12-04	1.10	1.06	1.06	0.53	0.49	0.49	0.11	0.07	0.07	0.61	0.61	0.61	0.49	0.49	0.49	0.14	0.14	0.14	18.43	18.39	18.40	27.10	27.06	27.07	122.94	122.90	122.96
2023-12-05	1.08	1.04	1.04	0.52	0.48	0.48	0.10	0.06	0.06	0.60	0.60	0.60	0.48	0.48	0.48	0.14	0.14	0.14	18.43	18.39	18.39	27.09	27.05	27.06	122.93	122.89	122.95
2023-12-06	1.06	1.02	1.02	0.51	0.47	0.47	0.10	0.06	0.06	0.59	0.59	0.59	0.47	0.47	0.47	0.14	0.14	0.14	18.42	18.38	18.39	27.08	27.04	27.05	122.93	122.89	122.94
2023-12-07	1.04	1.00	1.00	0.50	0.46	0.46	0.10	0.06	0.06	0.58	0.58	0.58	0.46	0.46	0.46	0.14	0.14	0.14	18.41	18.37	18.38	27.08	27.04	27.05	122.92	122.88	122.94
2023-12-08	1.02	0.98	0.99	0.49	0.45	0.45	0.10	0.06	0.06	0.57	0.57	0.57	0.45	0.45	0.45	0.13	0.13	0.13	18.41	18.37	18.37	27.07	27.03	27.04	122.91	122.87	122.93
2023-12-09	1.01	0.97	0.97	0.48	0.45	0.45	0.10	0.06	0.06	0.56	0.56	0.56	0.45	0.44	0.44	0.13	0.13	0.13	18.40	18.36	18.37	27.07	27.03	27.04	122.91	122.87	122.93
2023-12-10	0.99	0.95	0.96	0.48	0.44	0.44	0.09	0.06	0.06	0.55	0.55	0.55	0.44	0.44	0.44	0.13	0.13	0.13	18.40	18.36	18.37	27.07	27.03	27.04	122.91	122.87	122.93
2023-12-11	0.98	0.94	0.94	0.47	0.43	0.43	0.09	0.06	0.06	0.55	0.54	0.54	0.43	0.43	0.43	0.13	0.13	0.13	18.40	18.37	18.37	27.07	27.03	27.04	122.91	122.87	122.93
2023-12-12	1.63	1.57	1.62	0.78	0.72	0.74	0.16	0.10	0.10	0.91	0.91	0.93	0.73	0.72	0.74	0.22	0.21	0.22	18.40	18.37	18.38	27.07	27.03	27.05	122.91	122.87	122.94
2023-12-13	2.70	2.60	2.71	1.29	1.20	1.25	0.26	0.16	0.17	1.51	1.50	1.56	1.20	1.20	1.25	0.36	0.35	0.37	18.41	18.37	18.38	27.07	27.03	27.05	122.91	122.88	122.94
2023-12-14	1.50	1.48	1.52	0.72	0.70	0.72	0.14	0.12	0.13	0.84	0.83	0.86	0.67	0.66	0.68	0.20	0.20	0.20	18.41	18.37	18.38	27.07	27.04	27.05	122.91	122.88	122.94
2023-12-15	1.44	1.40	1.43	0.69	0.65	0.66	0.14	0.09	0.10	0.80	0.80	0.82	0.64	0.64	0.65	0.19	0.19	0.19	13.14	13.11	13.12	19.27	19.24	19.25	81.12	81.08	81.13
2023-12-16	1.39	1.34	1.38	0.67	0.62	0.64	0.13	0.09	0.09	0.78	0.77	0.79	0.62	0.61	0.63	0.18	0.18	0.18	13.22	13.18	13.21	19.35	19.31	19.34	81.20	81.16	81.22
2023-12-17	1.35	1.30	1.33	0.65	0.60	0.61	0.13	0.08	0.09	0.75	0.75	0.76	0.60	0.59	0.61	0.18	0.17	0.18	13.10	13.06	13.08	19.23	19.19	19.21	81.07	81.04	81.09
2023-12-18	1.30	1.26	1.29	0.63	0.58	0.59	0.12	0.08	0.08	0.73	0.72	0.74	0.58	0.57	0.59	0.17	0.17	0.17	13.10	13.06	13.07	19.22	19.19	19.20	81.07	81.04	81.08
2023-12-19	1.27	1.22	1.25	0.61	0.56	0.58	0.12	0.08	0.08	0.71	0.70	0.72	0.56	0.56	0.57	0.17	0.16	0.17	13.08	13.05	13.05	19.21	19.17	19.18	81.06	81.02	81.06
2023-12-20	1.23	1.19	1.21	0.59	0.55	0.56	0.12	0.08	0.08	0.69	0.68	0.70	0.55	0.54	0.55	0.16	0.16	0.16	13.08	13.04	13.05	19.21	19.17	19.18	81.06	81.02	81.06
2023-12-21	1.20	1.16	1.18	0.58	0.53	0.54	0.11	0.07	0.07	0.67	0.66	0.68	0.53	0.53	0.54	0.16	0.15	0.16	13.08	13.04	13.05	19.21	19.17	19.18	81.06	81.02	81.06
2023-12-22	1.17	1.13	1.15	0.56	0.52	0.53	0.11	0.07	0.07	0.65	0.65	0.66	0.52	0.52	0.52	0.15	0.15	0.15	13.08	13.05	13.05	19.21	19.17	19.18	81.06	81.02	81.06
2023-12-23	1.14	1.10	1.12	0.55	0.51	0.51	0.11	0.07	0.07	0.64	0.63	0.64	0.51	0.50	0.51	0.15	0.15	0.15	13.08	13.05	13.05	19.21	19.18	19.18	81.06	81.02	81.06
2023-12-24	1.12	1.08	1.09	0.54	0.50	0.50	0.11	0.07	0.07	0.62	0.62	0.63	0.50	0.49	0.50	0.15	0.14	0.15	13.08	13.05	13.05	19.21	19.18	19.19	81.06	81.03	81.06
2023-12-25	1.10	1.06	1.07	0.53	0.49	0.49	0.11	0.06	0.07	0.61	0.61	0.61	0.49	0.48	0.49	0.14	0.14	0.14	13.09	13.05	13.06	19.21	19.18	19.19	81.06	81.03	81.07
2023-12-26	1.07	1.03	1.05	0.52	0.48	0.48	0.10	0.06	0.06	0.60	0.59	0.60	0.48	0.47	0.48	0.14	0.14	0.14	13.09	13.05	13.06	19.22	19.18	19.19	81.06	81.03	81.07
2023-12-27	1.06	1.02	1.03	0.51	0.47	0.47	0.10	0.06	0.06	0.59	0.58	0.59	0.47	0.46	0.47	0.14	0.13	0.13	13.14	13.11	13.11	19.27	19.23	19.24	81.12	81.08	81.12
2023-12-28	1.04	1.00	1.01	0.50	0.46	0.46	0.10	0.06	0.06	0.58	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	13.21	13.17	13.18	19.33	19.30	19.31	81.18	81.15	81.19
2023-12-29	1.02	0.98	0.99	0.49	0.45	0.46	0.10	0.06	0.06	0.57	0.56	0.57	0.45	0.45	0.45	0.13	0.13	0.13	13.10	13.06	13.07	19.22	19.19	19.20	81.07	81.04	81.08
2023-12-30	1.00	0.97	0.98	0.48	0.44	0.45	0.10	0.06	0.06	0.56	0.56	0.56	0.45	0.44	0.45	0.13	0.13	0.13	13.09	13.05	13.06	19.21	19.18	19.19	81.06	81.03	81.06
2023-12-31	0.99	0.95	0.96	0.47	0.44	0.44	0.09	0.06	0.06	0.55	0.55	0.55	0.44	0.44	0.44	0.13	0.13	0.13	13.09	13.05	13.06	19.21	19.18	19.19	81.06	81.03	81.07
2024-01-01	0.98	0.94	0.95	0.47	0.43	0.44	0.09	0.06	0.06	0.54	0.54	0.54	0.43	0.43	0.43	0.13	0.12	0.13	13.09	13.05	13.07	19.22	19.18	19.20	81.06	81.03	81.11
2024-01-02	0.96	0.93	0.94	0.46	0.43	0.43	0.09	0.06	0.06	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.12	13.09	13.05	13.07	19.22	19.18	1			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2024-01-31	4.72	4.54	5.06	2.27	2.09	2.33	0.45	0.28	0.31	2.63	2.63	2.93	2.10	2.10	2.33	0.62	0.62	0.70	10.45	10.42	10.42	16.38	16.35	16.36	69.37	69.33	69.40
2024-02-01	2.13	2.05	2.32	1.02	0.95	1.07	0.20	0.13	0.14	1.19	1.19	1.34	0.95	0.94	1.07	0.28	0.28	0.32	10.45	10.42	10.46	16.38	16.35	16.42	69.37	69.33	69.66
2024-02-02	2.00	1.93	2.16	0.96	0.89	0.99	0.19	0.12	0.13	1.12	1.11	1.24	0.89	0.88	0.99	0.26	0.26	0.29	10.45	10.42	10.47	16.38	16.35	16.43	69.37	69.34	69.67
2024-02-03	1.89	1.82	2.01	0.90	0.84	0.93	0.18	0.11	0.12	1.05	1.04	1.16	0.84	0.83	0.92	0.25	0.24	0.27	10.46	10.42	10.49	16.39	16.35	16.45	69.37	69.34	69.69
2024-02-04	1.78	1.72	1.89	0.86	0.79	0.87	0.17	0.10	0.12	1.00	0.99	1.09	0.79	0.79	0.87	0.24	0.23	0.25	10.46	10.42	10.46	16.39	16.35	16.42	69.37	69.34	69.66
2024-02-05	1.70	1.63	1.79	0.81	0.75	0.82	0.16	0.10	0.11	0.95	0.94	1.03	0.75	0.75	0.82	0.22	0.22	0.24	10.46	10.42	10.46	16.39	16.35	16.42	69.37	69.34	69.66
2024-02-06	1.62	1.56	1.69	0.78	0.72	0.78	0.16	0.10	0.10	0.90	0.90	0.98	0.72	0.71	0.78	0.21	0.21	0.23	10.46	10.42	10.46	16.39	16.35	16.42	69.37	69.34	69.66
2024-02-07	1.55	1.49	1.61	0.74	0.69	0.74	0.15	0.09	0.10	0.86	0.86	0.93	0.69	0.68	0.74	0.20	0.20	0.22	10.46	10.42	10.46	16.39	16.35	16.42	69.38	69.34	69.66
2024-02-08	1.49	1.43	1.54	0.71	0.66	0.71	0.14	0.09	0.09	0.83	0.82	0.89	0.66	0.66	0.71	0.20	0.19	0.21	10.46	10.42	10.46	16.39	16.35	16.42	69.38	69.34	69.66
2024-02-09	1.43	1.38	1.47	0.69	0.63	0.68	0.14	0.08	0.09	0.80	0.79	0.85	0.64	0.63	0.68	0.19	0.19	0.20	10.46	10.42	10.46	16.39	16.35	16.42	69.38	69.34	69.66
2024-02-10	1.38	1.33	1.42	0.66	0.61	0.65	0.13	0.08	0.09	0.77	0.77	0.82	0.61	0.61	0.65	0.18	0.18	0.19	10.46	10.42	10.46	16.39	16.35	16.42	69.38	69.34	69.66
2024-02-11	1.34	1.29	1.36	0.64	0.59	0.63	0.13	0.08	0.08	0.75	0.74	0.79	0.59	0.59	0.63	0.18	0.17	0.18	10.46	10.42	10.46	16.39	16.35	16.42	69.38	69.34	69.66
2024-02-12	1.30	1.25	1.32	0.62	0.57	0.61	0.12	0.08	0.08	0.72	0.72	0.76	0.58	0.57	0.60	0.17	0.17	0.18	10.46	10.42	10.46	16.39	16.35	16.42	69.38	69.34	69.66
2024-02-13	1.26	1.21	1.28	0.60	0.56	0.59	0.12	0.07	0.08	0.70	0.70	0.73	0.56	0.56	0.58	0.17	0.16	0.17	10.47	10.42	10.49	16.40	16.35	16.44	69.38	69.34	69.68
2024-02-14	1.22	1.18	1.24	0.59	0.54	0.57	0.12	0.07	0.08	0.68	0.68	0.71	0.54	0.54	0.57	0.16	0.16	0.17	10.47	10.42	10.51	16.40	16.35	16.47	69.38	69.34	69.71
2024-02-15	1.19	1.15	1.20	0.57	0.53	0.55	0.11	0.07	0.07	0.67	0.66	0.69	0.53	0.53	0.55	0.16	0.16	0.16	10.49	10.45	10.49	15.38	15.34	15.41	65.48	65.44	65.75
2024-02-16	1.16	1.12	1.17	0.56	0.52	0.54	0.11	0.07	0.07	0.65	0.65	0.67	0.52	0.51	0.54	0.15	0.15	0.16	10.49	10.45	10.49	15.39	15.34	15.40	65.48	65.44	65.74
2024-02-17	1.14	1.10	1.14	0.55	0.50	0.52	0.11	0.07	0.07	0.63	0.63	0.66	0.51	0.50	0.52	0.15	0.15	0.15	10.49	10.45	10.49	15.39	15.34	15.40	65.48	65.44	65.74
2024-02-18	1.11	1.07	1.11	0.53	0.49	0.51	0.11	0.07	0.07	0.62	0.62	0.64	0.49	0.49	0.51	0.15	0.14	0.15	10.49	10.45	10.49	15.39	15.35	15.41	65.49	65.44	65.74
2024-02-19	1.09	1.05	1.09	0.52	0.48	0.50	0.10	0.06	0.07	0.61	0.61	0.63	0.48	0.48	0.50	0.14	0.14	0.15	10.50	10.45	10.49	15.39	15.35	15.41	65.49	65.44	65.75
2024-02-20	1.07	1.03	1.07	0.51	0.47	0.49	0.10	0.06	0.07	0.60	0.59	0.61	0.48	0.47	0.49	0.14	0.14	0.14	10.50	10.45	10.49	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-21	1.05	1.01	1.04	0.50	0.47	0.48	0.10	0.06	0.06	0.59	0.58	0.60	0.47	0.46	0.48	0.14	0.14	0.14	10.50	10.46	10.49	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-22	1.03	0.99	1.02	0.50	0.46	0.47	0.10	0.06	0.06	0.58	0.57	0.59	0.46	0.46	0.47	0.14	0.13	0.14	10.50	10.46	10.49	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-23	1.02	0.98	1.01	0.49	0.45	0.46	0.10	0.06	0.06	0.57	0.56	0.58	0.45	0.45	0.46	0.13	0.13	0.14	10.50	10.46	10.49	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-24	1.00	0.96	0.99	0.48	0.44	0.46	0.10	0.06	0.06	0.56	0.56	0.57	0.44	0.44	0.46	0.13	0.13	0.13	10.50	10.46	10.50	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-25	0.99	0.95	0.97	0.47	0.44	0.45	0.09	0.06	0.06	0.55	0.55	0.56	0.44	0.44	0.45	0.13	0.13	0.13	10.50	10.46	10.50	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-26	0.97	0.94	0.96	0.47	0.43	0.44	0.09	0.06	0.06	0.54	0.54	0.55	0.43	0.43	0.44	0.13	0.13	0.13	10.50	10.46	10.50	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-27	0.96	0.92	0.95	0.46	0.42	0.43	0.09	0.06	0.06	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.13	10.50	10.46	10.50	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-28	0.95	0.91	0.93	0.45	0.42	0.43	0.09	0.06	0.06	0.53	0.53	0.54	0.42	0.42	0.43	0.12	0.12	0.13	10.50	10.46	10.50	15.39	15.35	15.41	65.49	65.45	65.75
2024-02-29	0.94	0.90	0.92	0.45	0.41	0.42	0.09	0.06	0.06	0.52	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	10.76	10.71	10.97	15.65	15.60	15.89	65.75	65.70	66.23
2024-03-01	0.92	0.89	0.91	0.44	0.41	0.42	0.09	0.05	0.06	0.52	0.51	0.52	0.41	0.41	0.42	0.12	0.12	0.12	12.08	11.99	17.69	16.98	16.88	25.00	67.08	66.98	99.89
2024-03-02	0.91	0.88	0.90	0.44	0.41	0.41	0.09	0.05	0.05	0.51	0.51	0.52	0.41	0.40	0.41	0.12	0.12	0.12	12.80	12.69	18.79	17.70	17.58	26.10	67.80	67.68	100.99
2024-03-03	0.91	0.87	0.89	0.43	0.40	0.41	0.09	0.05	0.05	0.51	0.50	0.51	0.40	0.40	0.41	0.12	0.12	0.12	10.88	10.83	16.02	15.77	15.72	23.34	65.87	65.82	98.23
2024-03-04	0.90	0.86	0.88	0.43	0.40	0.40	0.09	0.05	0.05	0.50	0.50	0.51	0.40	0.40	0.40	0.12	0.12	0.12	10.85	10.80	15.94	15.74	15.69	23.25	65.84	65.79	98.14
2024-03-05	0.90	0.86	0.90	0.43	0.40	0.41	0.09	0.05	0.05	0.50	0.50	0.52	0.40	0.40	0.41	0.12	0.12	0.12	10.82	10.77	15.86	15.71	15.66	23.17	65.81	65.76	98.07
2024-03-06	0.90	0.87	0.99	0.43	0.40	0.45	0.09	0.05	0.06	0.50	0.50	0.57	0.40	0.40	0.45	0.12	0.12	0.13	10.80	10.74	15.79	15.69	15.64	23.11	65.79	65.74	98.00
2024-03-07	0.89	0.86	0.90	0.43	0.39	0.42	0.09	0.05	0.06	0.50	0.49	0.52	0.40	0.39	0.42	0.12	0.12	0.12	10.77	10.72	15.73	15.66	15.61	23.04	65.76	65.71	97.94
2024-03-08	0.89	0.86	1.01	0.43	0.40	0.47	0.09	0.05	0.06	0.50	0.50	0.59	0.40	0.40	0.47	0.12	0.12	0.14	10.75	10.70	15.67	15.64	15.59	22.99	65.74	65.69	97.88
2024-03-09	0.90	0.87	1.46	0.43	0.40	0.67	0.09	0.05	0.09	0.50	0.50	0.84	0.40	0.40	0.67	0.12	0.12	0.20	10.73	10.68	15.63	15.62	15.57	22.94	65.72	65.67	97.83
2024-03-10	0.89	0.86	1.14	0.43	0.40	0.52	0.09	0.05	0.07	0.50	0.50	0.67	0.40	0.40	0.53	0.12	0.12	0.16	10.71	10.66	15.59	15.60	15.55	22.90	65.70	65.65	97.79
2024-03-11	0.88	0.85	1.07	0.42	0.39	0.49	0.08	0.05	0.07	0.49	0.49	0.62	0.39	0.39	0.49	0.12	0.12	0.15	10.69	10.64	15.60	15.58	15.53	22.91	65.68	65.63	97.80
2024-03-12	0.88	0.84	1.05	0.42	0.39	0.48	0.08	0.05	0.06	0.49	0.49	0.61	0.39	0.39	0.48	0.12	0.11	0.14	10.76	10.71	16.00	15.65	15.60	23.31	65.75	65.70	98.21
2024-03-13	0.87	0.84	1.03	0.42	0.38	0.47	0.08	0.05	0.06	0.48	0.48	0.59	0.39	0.38	0.47	0.11	0.11	0.14	11.89	11.81	17.71	16.78	16.70	25.02	66.88	66.80	99.91
2024-03-14	0.86	0.8																									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2024-04-11	1.38	1.33	7.14	0.66	0.61	3.28	0.13	0.08	0.44	0.77	0.76	4.15	0.61	0.60	3.31	0.18	0.17	1.00	16.37	16.28	38.98	23.22	23.13	54.77	88.61	88.52	205.57
2024-04-12	1.50	1.44	8.60	0.72	0.66	4.04	0.14	0.09	0.66	0.84	0.83	4.91	0.67	0.66	3.92	0.20	0.20	1.18	16.17	16.09	39.53	23.02	22.93	55.32	88.41	88.32	206.12
2024-04-13	2.00	1.93	10.28	0.96	0.89	4.83	0.19	0.12	0.81	1.12	1.13	5.86	0.89	0.90	4.67	0.26	0.28	1.41	15.99	15.92	39.32	22.84	22.76	55.11	88.23	88.15	205.91
2024-04-14	2.76	2.65	12.05	1.32	1.22	5.66	0.26	0.16	0.95	1.54	1.55	6.86	1.22	1.24	5.47	0.36	0.38	1.65	15.84	15.77	37.84	22.69	22.61	53.63	88.08	88.00	204.43
2024-04-15	3.03	2.91	11.07	1.45	1.34	5.31	0.29	0.18	1.05	1.69	1.71	6.22	1.34	1.37	4.96	0.40	0.42	1.50	36.63	36.56	85.01	50.33	50.26	116.61	218.75	218.68	505.00
2024-04-16	2.39	2.31	8.70	1.15	1.06	4.10	0.23	0.14	0.70	1.34	1.33	4.93	1.06	1.06	3.93	0.32	0.32	1.17	36.51	36.44	84.20	50.21	50.15	115.80	218.64	218.57	504.20
2024-04-17	2.34	2.26	8.14	1.13	1.04	3.83	0.22	0.14	0.65	1.31	1.30	4.63	1.04	1.04	3.69	0.31	0.31	1.11	36.41	36.34	83.76	50.11	50.04	115.36	218.53	218.46	503.75
2024-04-18	2.56	2.47	8.84	1.23	1.14	4.16	0.25	0.15	0.70	1.43	1.44	5.04	1.14	1.15	4.02	0.34	0.35	1.21	36.53	36.46	84.10	50.23	50.16	115.70	218.65	218.58	504.10
2024-04-19	3.33	3.21	10.21	1.60	1.48	4.79	0.32	0.20	0.78	1.86	1.86	5.81	1.48	1.49	4.62	0.44	0.45	1.37	37.31	37.24	85.94	51.02	50.94	117.54	219.44	219.36	505.94
2024-04-20	4.68	4.51	11.01	2.25	2.07	5.19	0.45	0.28	0.89	2.61	2.62	6.23	2.08	2.09	4.97	0.62	0.63	1.48	37.32	37.24	86.48	51.02	50.94	118.09	219.44	219.36	506.48
2024-04-21	5.08	4.89	10.61	2.44	2.25	5.02	0.49	0.30	0.89	2.83	2.85	5.99	2.26	2.27	4.77	0.67	0.69	1.42	36.99	36.91	85.08	50.69	50.61	116.68	219.11	219.03	505.07
2024-04-22	4.53	4.37	9.19	2.18	2.01	4.34	0.43	0.27	0.76	2.53	2.53	5.19	2.01	2.02	4.14	0.60	0.61	1.23	36.83	36.75	84.31	50.53	50.45	115.91	218.95	218.87	504.31
2024-04-23	4.04	3.89	7.83	1.94	1.79	3.68	0.39	0.24	0.62	2.26	2.26	4.44	1.80	1.80	3.54	0.53	0.54	1.05	36.68	36.61	83.89	50.39	50.32	115.49	218.81	218.74	503.89
2024-04-24	3.66	3.53	7.63	1.76	1.62	3.57	0.35	0.22	0.58	2.04	2.04	4.34	1.63	1.63	3.46	0.48	0.49	1.03	36.74	36.66	83.81	50.44	50.37	115.41	218.86	218.79	503.80
2024-04-25	3.44	3.31	7.44	1.65	1.52	3.49	0.33	0.20	0.57	1.92	1.92	4.23	1.53	1.53	3.37	0.45	0.45	1.00	37.11	37.04	83.92	50.81	50.74	115.52	219.23	219.16	503.92
2024-04-26	3.18	3.06	6.43	1.53	1.41	3.02	0.30	0.19	0.50	1.77	1.78	3.65	1.41	1.42	2.91	0.42	0.43	0.86	37.90	37.82	84.08	51.61	51.52	115.69	220.03	219.94	504.08
2024-04-27	2.95	2.84	5.62	1.42	1.31	2.63	0.28	0.17	0.43	1.65	1.64	3.19	1.31	1.31	2.54	0.39	0.39	0.76	38.72	38.61	84.52	52.42	52.31	116.13	220.84	220.73	504.52
2024-04-28	3.01	2.90	5.14	1.45	1.33	2.41	0.29	0.18	0.39	1.68	1.68	2.93	1.34	1.34	2.33	0.40	0.40	0.69	38.70	38.59	84.63	52.41	52.30	116.23	220.83	220.72	504.63
2024-04-29	3.35	3.23	4.85	1.61	1.49	2.27	0.32	0.20	0.36	1.87	1.88	2.76	1.49	1.50	2.20	0.44	0.45	0.65	38.23	38.11	84.03	51.93	51.82	115.63	220.35	220.24	504.03
2024-04-30	5.02	4.84	6.12	2.41	2.22	2.85	0.48	0.30	0.43	2.80	2.81	3.50	2.23	2.24	2.79	0.66	0.68	0.83	37.88	37.78	83.42	51.59	51.48	115.02	220.01	219.90	503.42
2024-05-01	6.96	6.70	8.94	3.34	3.08	4.19	0.67	0.41	0.69	3.88	3.89	5.08	3.09	3.10	4.05	0.92	0.93	1.20	37.77	37.67	82.84	51.47	51.37	115.47	219.89	219.79	503.28
2024-05-02	6.39	6.15	7.86	3.07	2.83	3.69	0.61	0.38	0.62	3.56	3.56	4.45	2.84	2.83	3.55	0.84	0.84	1.05	38.03	37.92	82.89	51.73	51.62	115.85	220.15	220.05	503.72
2024-05-03	6.45	6.21	6.88	3.10	2.86	3.23	0.62	0.38	0.53	3.60	3.60	3.90	2.86	2.87	3.11	0.85	0.86	0.92	38.38	38.28	82.70	52.09	51.98	116.37	220.51	220.40	503.74
2024-05-04	6.49	6.37	5.89	3.12	2.99	2.76	0.62	0.50	0.46	3.62	3.62	3.34	2.88	2.89	2.66	0.86	0.87	0.79	38.77	38.66	82.41	52.48	52.36	116.87	220.90	220.78	503.84
2024-05-05	6.95	6.82	5.03	3.33	3.20	2.36	0.67	0.53	0.38	3.88	3.88	2.86	3.09	3.10	2.27	0.92	0.93	0.67	39.42	39.30	82.05	53.13	53.00	117.71	221.55	221.42	504.48
2024-05-06	7.48	7.35	4.31	3.59	3.46	2.02	0.72	0.59	0.32	4.17	4.19	2.45	3.32	3.34	1.95	0.99	1.01	0.57	39.99	39.85	81.72	53.69	53.55	118.38	222.11	221.97	504.65
2024-05-07	7.51	7.38	3.75	3.60	3.48	1.75	0.72	0.60	0.28	4.19	4.20	2.13	3.33	3.35	1.70	0.99	1.01	0.50	40.52	40.35	81.44	54.22	54.05	119.10	222.64	222.47	504.87
2024-05-08	7.24	7.12	3.32	3.48	3.35	1.55	0.69	0.57	0.24	4.04	4.02	1.89	3.22	3.20	1.51	0.95	0.95	0.44	40.99	40.80	81.20	54.70	54.51	119.67	223.12	222.93	504.64
2024-05-09	6.87	6.76	2.98	3.30	3.19	1.39	0.66	0.55	0.21	3.83	3.82	1.70	3.05	3.04	1.35	0.91	0.90	0.40	40.99	40.80	81.20	54.69	54.50	119.67	223.11	222.92	504.44
2024-05-10	6.22	6.12	2.70	2.99	2.88	1.26	0.60	0.49	0.19	3.47	3.46	1.54	2.76	2.76	1.23	0.82	0.82	0.36	41.01	40.81	80.83	54.71	54.52	119.67	223.13	222.94	504.26
2024-05-11	5.40	5.31	2.47	2.59	2.50	1.15	0.52	0.42	0.17	3.01	3.01	1.41	2.40	2.40	1.12	0.71	0.72	0.33	41.13	40.94	80.67	54.83	54.65	120.34	223.25	223.07	504.11
2024-05-12	4.62	4.53	2.28	2.22	2.13	1.06	0.44	0.36	0.15	2.58	2.57	1.30	2.05	2.04	1.04	0.61	0.60	0.30	42.96	42.82	80.23	56.67	56.53	122.09	225.09	224.95	504.67
2024-05-13	4.06	3.98	2.12	1.95	1.87	0.98	0.39	0.31	0.14	2.27	2.26	1.21	1.80	1.80	0.96	0.54	0.53	0.28	44.68	44.56	80.23	58.39	58.26	124.81	226.81	226.68	505.06
2024-05-14	3.72	3.64	1.98	1.78	1.71	0.92	0.36	0.28	0.13	2.07	2.06	1.13	1.65	1.64	0.90	0.49	0.48	0.26	42.36	42.23	80.23	56.07	55.94	124.81	224.49	224.36	504.97
2024-05-15	3.54	3.47	1.86	1.70	1.63	0.86	0.34	0.27	0.12	1.98	1.96	1.07	1.57	1.56	0.85	0.47	0.46	0.25	41.63	41.51	80.29	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-16	3.57	3.49	1.79	1.71	1.64	0.83	0.34	0.27	0.11	1.99	1.98	1.03	1.58	1.58	0.82	0.47	0.46	0.24	41.63	41.52	80.08	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-17	3.43	3.36	1.73	1.65	1.58	0.80	0.33	0.26	0.11	1.91	1.90	0.99	1.52	1.52	0.79	0.45	0.45	0.23	41.63	41.58	80.19	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-18	3.08	3.01	1.64	1.48	1.41	0.76	0.30	0.23	0.10	1.72	1.71	0.94	1.37	1.36	0.75	0.41	0.40	0.22	41.63	41.53	80.27	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-19	2.84	2.77	1.56	1.36	1.29	0.72	0.27	0.20	0.10	1.58	1.57	0.90	1.26	1.25	0.71	0.37	0.37	0.21	41.63	41.51	80.07	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-20	2.66	2.58	1.50	1.27	1.20	0.69	0.25	0.18	0.09	1.48	1.47	0.86	1.18	1.17	0.68	0.35	0.34	0.20	41.63	41.43	79.88	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-21	3.21	3.11	2.21	1.54	1.44	1.01	0.31	0.21	0.13	1.79	1.78	1.27	1.42	1.42	1.01	0.42	0.42	0.29	41.63	41.55	80.42	54.97	54.84	124.81	223.46	223.33	504.15
2024-05-22	4.36	4.24	3.84	2.09	1.97	1.78	0.42	0.29	0.25	2.43	2.42	2.20	1.94	1.93	1.75	0.57	0.57	0.52	42.94	42.82	93.34	159.80	159.68	116.51	740.75	740.63	526.20
2024-05-23	3.54	3.46	2.62	1.70	1.62	1.23	0.34	0.26	0.20	1.98	1.97	1.48</															

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2024-06-21	1.63	1.57	1.03	0.78	0.72	0.48	0.16	0.10	0.06	0.91	0.90	0.59	0.72	0.72	0.47	0.21	0.21	0.13	160.44	160.70	123.39	193.82	194.09	149.05	970.83	971.10	746.34
2024-06-22	1.70	1.64	1.05	0.82	0.75	0.48	0.16	0.10	0.06	0.95	0.94	0.60	0.76	0.75	0.48	0.22	0.22	0.14	153.96	153.77	119.06	187.34	187.16	144.73	964.35	964.17	742.01
2024-06-23	2.42	2.33	1.50	1.16	1.07	0.69	0.23	0.14	0.09	1.35	1.34	0.86	1.07	1.07	0.69	0.32	0.31	0.20	151.79	151.58	117.16	185.18	184.97	142.82	962.19	961.98	740.11
2024-06-24	3.83	3.69	2.31	1.84	1.70	1.06	0.37	0.23	0.14	2.14	2.13	1.33	1.70	1.69	1.06	0.50	0.50	0.31	150.18	150.00	115.76	183.57	183.38	141.43	960.58	960.39	738.71
2024-06-25	2.62	2.56	1.46	1.26	1.20	0.67	0.25	0.19	0.09	1.46	1.45	0.84	1.16	1.15	0.67	0.34	0.34	0.19	147.80	147.65	114.14	181.19	181.04	139.80	958.20	958.05	737.09
2024-06-26	2.41	2.34	1.41	1.16	1.09	0.65	0.23	0.16	0.09	1.35	1.34	0.81	1.07	1.06	0.64	0.32	0.31	0.19	146.16	146.03	112.95	179.55	179.41	138.62	956.56	956.42	735.90
2024-06-27	2.24	2.17	1.35	1.07	1.01	0.62	0.21	0.15	0.08	1.25	1.24	0.78	0.99	0.99	0.62	0.29	0.29	0.18	144.97	144.85	112.06	178.36	178.23	137.72	955.37	955.24	735.01
2024-06-28	2.09	2.02	1.31	1.00	0.94	0.60	0.20	0.13	0.08	1.17	1.16	0.75	0.93	0.92	0.60	0.28	0.27	0.17	144.07	143.96	111.36	177.46	177.35	137.03	954.47	954.35	734.31
2024-06-29	1.96	1.90	1.27	0.94	0.88	0.58	0.19	0.12	0.08	1.10	1.09	0.73	0.87	0.86	0.58	0.26	0.25	0.17	143.38	143.27	110.81	176.76	176.66	136.48	953.77	953.67	733.76
2024-06-30	1.85	1.79	1.23	0.89	0.83	0.57	0.18	0.11	0.08	1.03	1.02	0.70	0.82	0.81	0.56	0.24	0.24	0.16	142.82	142.72	110.37	176.21	176.11	136.03	953.22	953.12	733.32
2024-07-01	1.76	1.69	1.20	0.84	0.78	0.55	0.17	0.11	0.07	0.98	0.97	0.68	0.78	0.77	0.54	0.23	0.22	0.16	142.38	142.28	134.63	175.76	175.66	166.26	952.77	952.67	902.24
2024-07-02	1.67	1.61	1.16	0.80	0.74	0.54	0.16	0.10	0.07	0.93	0.92	0.67	0.74	0.73	0.53	0.22	0.21	0.15	142.01	141.91	134.33	175.39	175.30	165.95	952.40	952.31	901.93
2024-07-03	1.60	1.54	1.14	0.77	0.71	0.52	0.15	0.09	0.07	0.89	0.88	0.65	0.71	0.70	0.52	0.21	0.20	0.15	141.70	141.61	134.07	175.08	174.99	165.69	952.09	952.00	901.67
2024-07-04	1.53	1.47	1.11	0.73	0.68	0.51	0.15	0.09	0.07	0.85	0.84	0.63	0.68	0.67	0.50	0.20	0.19	0.14	141.56	141.47	133.92	174.94	174.85	165.54	951.95	951.86	901.53
2024-07-05	1.47	1.42	1.08	0.71	0.65	0.50	0.14	0.09	0.07	0.82	0.81	0.62	0.65	0.64	0.49	0.19	0.19	0.14	141.42	141.34	133.79	174.81	174.73	165.41	951.82	951.73	901.39
2024-07-06	1.42	1.36	1.06	0.68	0.63	0.49	0.14	0.08	0.06	0.79	0.78	0.61	0.63	0.62	0.48	0.19	0.18	0.14	141.20	141.12	133.60	174.59	174.51	165.23	951.60	951.51	901.21
2024-07-07	1.37	1.32	1.04	0.66	0.61	0.48	0.13	0.08	0.06	0.76	0.75	0.59	0.61	0.60	0.47	0.18	0.17	0.14	142.38	142.27	134.70	175.77	175.65	166.32	952.78	952.66	902.31
2024-07-08	1.32	1.27	1.02	0.64	0.59	0.47	0.13	0.08	0.06	0.74	0.73	0.58	0.59	0.58	0.46	0.17	0.17	0.13	145.00	144.84	137.15	178.39	178.23	168.77	955.40	955.24	904.76
2024-07-09	1.99	1.92	1.69	0.96	0.88	0.78	0.19	0.12	0.10	1.11	1.10	0.97	0.89	0.88	0.77	0.26	0.26	0.22	142.91	142.82	135.21	176.29	176.21	166.83	953.30	953.22	902.82
2024-07-10	3.30	3.18	2.81	1.58	1.46	1.29	0.32	0.19	0.17	1.84	1.83	1.62	1.47	1.46	1.29	0.43	0.43	0.38	142.44	142.35	134.79	175.83	175.73	166.41	952.84	952.74	902.40
2024-07-11	2.20	2.14	1.68	1.05	1.00	0.77	0.21	0.15	0.10	1.23	1.22	0.96	0.98	0.97	0.77	0.29	0.28	0.22	142.06	141.97	134.46	175.45	175.36	166.08	952.46	952.36	902.06
2024-07-12	2.43	2.35	1.85	1.17	1.09	0.85	0.23	0.15	0.11	1.36	1.35	1.06	1.08	1.07	0.84	0.32	0.31	0.25	141.74	141.66	134.18	175.13	175.04	165.80	952.14	952.05	901.79
2024-07-13	2.53	2.45	1.93	1.21	1.14	0.89	0.24	0.17	0.12	1.41	1.40	1.11	1.12	1.12	0.88	0.33	0.33	0.26	141.48	141.39	133.94	174.86	174.78	165.57	951.87	951.79	901.55
2024-07-14	4.06	3.92	3.31	1.95	1.81	1.52	0.39	0.25	0.20	2.26	2.25	1.90	1.80	1.79	1.52	0.53	0.53	0.44	141.25	141.16	133.74	174.63	174.55	165.36	951.64	951.56	901.35
2024-07-15	6.67	6.61	5.64	3.20	3.14	2.59	0.64	0.58	0.34	3.72	3.71	3.26	2.96	2.95	2.59	0.88	0.87	0.77	55.97	55.89	52.98	74.67	74.59	70.69	450.77	450.68	426.93
2024-07-16	4.45	4.39	3.63	2.14	2.07	1.67	0.43	0.36	0.22	2.49	2.48	2.10	1.98	1.97	1.67	0.59	0.58	0.49	55.80	55.72	52.83	74.50	74.42	70.53	450.59	450.52	426.77
2024-07-17	3.88	3.79	3.25	1.86	1.77	1.51	0.37	0.28	0.22	2.17	2.16	1.86	1.72	1.72	1.48	0.51	0.51	0.44	55.65	55.58	52.69	74.35	74.27	70.40	450.44	450.37	426.64
2024-07-18	3.44	3.35	2.94	1.65	1.57	1.37	0.33	0.24	0.21	1.92	1.91	1.67	1.53	1.52	1.33	0.45	0.45	0.39	55.56	55.48	52.59	74.26	74.18	70.29	450.35	450.28	426.53
2024-07-19	3.09	3.01	2.67	1.48	1.40	1.24	0.30	0.22	0.19	1.72	1.71	1.52	1.37	1.36	1.21	0.41	0.40	0.35	55.47	55.40	52.49	74.17	74.10	70.20	450.26	450.19	426.44
2024-07-20	2.80	2.72	2.44	1.34	1.27	1.14	0.27	0.19	0.17	1.56	1.55	1.39	1.24	1.24	1.11	0.37	0.36	0.32	55.36	55.29	52.40	74.06	73.99	70.10	450.15	450.08	426.34
2024-07-21	2.56	2.49	2.26	1.23	1.16	1.05	0.25	0.17	0.15	1.43	1.42	1.29	1.14	1.13	1.03	0.34	0.33	0.30	55.26	55.19	52.31	73.96	73.89	70.02	450.05	449.98	426.26
2024-07-22	2.37	2.30	2.10	1.14	1.07	0.97	0.23	0.16	0.14	1.32	1.31	1.20	1.05	1.04	0.95	0.31	0.31	0.28	55.17	55.11	52.23	73.87	73.80	69.94	449.97	449.90	426.18
2024-07-23	2.20	2.13	1.96	1.06	0.99	0.91	0.21	0.14	0.13	1.23	1.22	1.12	0.98	0.97	0.89	0.29	0.28	0.26	55.09	55.03	52.16	73.79	73.72	69.87	449.89	449.82	426.11
2024-07-24	2.06	1.99	1.85	0.99	0.92	0.85	0.20	0.13	0.12	1.15	1.14	1.06	0.91	0.91	0.84	0.27	0.26	0.24	55.02	54.96	52.10	73.72	73.65	69.81	449.81	449.75	426.04
2024-07-25	1.94	1.87	1.74	0.93	0.86	0.80	0.19	0.12	0.11	1.08	1.07	1.00	0.86	0.85	0.79	0.25	0.25	0.23	54.96	54.90	52.04	73.65	73.59	69.75	449.75	449.69	425.99
2024-07-26	1.83	1.77	1.65	0.88	0.81	0.76	0.18	0.11	0.10	1.02	1.01	0.95	0.81	0.80	0.75	0.24	0.23	0.22	54.90	54.84	51.99	73.59	73.53	69.70	449.69	449.63	425.93
2024-07-27	1.73	1.67	1.58	0.83	0.77	0.72	0.17	0.10	0.10	0.97	0.96	0.90	0.77	0.76	0.72	0.23	0.22	0.21	54.84	54.78	51.94	73.54	73.48	69.65	449.63	449.58	425.89
2024-07-28	1.65	1.59	1.51	0.79	0.73	0.69	0.16	0.10	0.09	0.92	0.91	0.86	0.73	0.73	0.69	0.22	0.21	0.20	54.87	54.81	51.95	73.57	73.51	69.66	449.66	449.60	425.90
2024-07-29	1.58	1.52	1.45	0.76	0.70	0.66	0.15	0.09	0.09	0.88	0.87	0.83	0.70	0.69	0.66	0.21	0.20	0.19	54.90	54.84	51.96	73.59	73.53	69.67	449.69	449.63	425.91
2024-07-30	1.51	1.46	1.39	0.73	0.67	0.64	0.15	0.09	0.08	0.85	0.84	0.80	0.67	0.66	0.63	0.20	0.19	0.18	54.84	54.78	51.92	73.54	73.48	69.62	449.63	449.57	425.86
2024-07-31	1.46	1.40	1.34	0.70	0.65	0.62	0.14	0.09	0.08	0.81	0.80	0.77	0.65	0.64	0.61	0.19	0.18	0.18	56.44	56.34	53.44	75.14	75.04	71.15	451.24	451.13	427.38
2024-08-01	1.48	1.42	1.34	0.71	0.65	0.62	0.14	0.09	0.08	0.82	0.81	0.77	0.66	0.65	0.61	0.19	0.19	0.18	59.18	59.01	55.00	77.88	77.71	72.36	453.98	453.80	421.45
2024-08-02	1.49	1.43																									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2024-08-31	2.83	2.74	2.27	1.36	1.27	1.04	0.27	0.18	0.14	1.58	1.57	1.30	1.26	1.25	1.04	0.37	0.37	0.30	29.46	29.40	27.30	40.34	40.28	37.40	225.19	225.13	208.98
2024-09-01	3.39	3.30	2.77	1.63	1.53	1.28	0.33	0.23	0.17	1.89	1.88	1.60	1.51	1.50	1.27	0.45	0.44	0.37	29.40	29.34	27.77	40.28	40.22	38.07	225.07	225.01	213.13
2024-09-02	2.85	2.78	2.33	1.37	1.30	1.07	0.27	0.20	0.14	1.59	1.58	1.34	1.27	1.26	1.07	0.38	0.37	0.31	29.34	29.28	27.72	40.22	40.16	38.03	225.07	225.01	213.08
2024-09-03	3.08	2.99	2.57	1.48	1.39	1.18	0.29	0.20	0.16	1.72	1.71	1.48	1.37	1.36	1.18	0.41	0.40	0.35	29.29	29.23	27.68	40.17	40.11	37.98	225.02	224.96	213.04
2024-09-04	3.53	3.43	3.10	1.69	1.59	1.43	0.34	0.24	0.19	1.97	1.96	1.79	1.57	1.56	1.42	0.46	0.46	0.42	29.24	29.18	27.64	40.12	40.06	37.94	224.97	224.91	213.00
2024-09-05	3.27	3.18	2.80	1.57	1.48	1.29	0.31	0.23	0.18	1.82	1.81	1.61	1.45	1.44	1.28	0.43	0.42	0.38	29.32	29.27	27.71	40.20	40.15	38.02	225.06	225.00	213.07
2024-09-06	3.23	3.14	2.80	1.55	1.46	1.30	0.31	0.22	0.19	1.80	1.79	1.60	1.43	1.43	1.27	0.43	0.42	0.37	32.21	32.07	30.35	43.09	42.95	40.66	227.94	227.80	215.71
2024-09-07	3.18	3.09	2.77	1.52	1.44	1.29	0.30	0.22	0.19	1.77	1.76	1.58	1.41	1.40	1.26	0.42	0.41	0.37	35.78	35.55	33.59	46.67	46.44	43.89	231.52	231.29	218.95
2024-09-08	3.08	2.99	2.72	1.48	1.39	1.27	0.30	0.21	0.19	1.72	1.71	1.56	1.37	1.36	1.24	0.41	0.40	0.36	32.49	32.43	30.49	43.37	43.31	40.79	228.22	228.16	215.85
2024-09-09	2.98	2.90	2.67	1.43	1.35	1.24	0.29	0.21	0.19	1.66	1.65	1.53	1.32	1.32	1.21	0.39	0.39	0.36	31.99	31.89	30.09	42.87	42.77	40.39	227.72	227.62	215.45
2024-09-10	2.71	2.64	2.45	1.30	1.23	1.14	0.26	0.18	0.17	1.51	1.50	1.40	1.20	1.20	1.11	0.36	0.35	0.33	31.58	31.49	29.75	42.46	42.37	40.06	227.31	227.22	215.11
2024-09-11	2.49	2.42	2.26	1.20	1.12	1.05	0.24	0.17	0.15	1.39	1.38	1.29	1.11	1.10	1.03	0.33	0.32	0.30	31.24	31.15	29.46	42.12	42.03	39.77	226.97	226.88	214.82
2024-09-12	2.31	2.24	2.10	1.11	1.04	0.97	0.22	0.15	0.14	1.29	1.28	1.20	1.02	1.02	0.96	0.30	0.30	0.28	30.95	30.87	29.22	41.84	41.75	39.52	226.69	226.60	214.57
2024-09-13	2.15	2.08	1.97	1.03	0.96	0.91	0.21	0.14	0.13	1.20	1.19	1.13	0.95	0.95	0.89	0.28	0.28	0.26	30.71	30.63	29.01	41.59	41.51	39.31	226.44	226.36	214.36
2024-09-14	2.01	1.95	1.85	0.97	0.90	0.85	0.19	0.13	0.12	1.12	1.11	1.06	0.89	0.89	0.84	0.27	0.26	0.25	30.50	30.42	28.82	41.38	41.30	39.13	226.24	226.16	214.18
2024-09-15	1.90	1.83	1.75	0.91	0.85	0.81	0.18	0.12	0.11	1.06	1.05	1.00	0.84	0.83	0.80	0.25	0.24	0.23	20.30	20.22	19.17	29.11	29.04	27.52	159.12	159.04	150.63
2024-09-16	1.79	1.73	1.66	0.86	0.80	0.76	0.17	0.11	0.10	1.00	0.99	0.95	0.80	0.79	0.76	0.24	0.23	0.22	20.71	20.62	19.54	29.53	29.43	27.89	159.53	159.44	151.00
2024-09-17	1.70	1.64	1.58	0.82	0.76	0.73	0.16	0.10	0.10	0.95	0.94	0.91	0.76	0.75	0.72	0.22	0.22	0.21	22.96	22.82	21.60	31.77	31.63	29.95	161.77	161.63	153.06
2024-09-18	1.63	1.57	1.51	0.78	0.72	0.69	0.16	0.10	0.09	0.91	0.90	0.87	0.72	0.71	0.69	0.21	0.21	0.20	22.80	22.70	21.47	31.62	31.51	29.82	161.62	161.51	152.93
2024-09-19	1.56	1.50	1.45	0.75	0.69	0.67	0.15	0.09	0.09	0.87	0.86	0.83	0.69	0.68	0.66	0.20	0.20	0.19	21.90	21.80	20.64	30.71	30.62	28.99	160.71	160.62	152.11
2024-09-20	1.49	1.44	1.39	0.72	0.66	0.64	0.14	0.09	0.09	0.83	0.83	0.80	0.66	0.66	0.63	0.20	0.19	0.18	21.50	21.41	20.29	30.31	30.22	28.64	160.32	160.22	151.75
2024-09-21	1.44	1.38	1.34	0.69	0.64	0.62	0.14	0.08	0.08	0.80	0.79	0.77	0.64	0.63	0.61	0.19	0.18	0.18	21.57	21.47	20.34	30.38	30.28	28.69	160.38	160.28	151.80
2024-09-22	1.39	1.34	1.30	0.67	0.61	0.60	0.13	0.08	0.08	0.77	0.77	0.74	0.62	0.61	0.59	0.18	0.18	0.17	22.04	21.93	20.77	30.86	30.75	29.12	160.86	160.75	152.23
2024-09-23	1.34	1.29	1.26	0.64	0.59	0.58	0.13	0.08	0.08	0.75	0.74	0.72	0.60	0.59	0.57	0.18	0.17	0.17	23.27	23.13	21.87	32.08	31.95	30.22	162.09	161.95	153.34
2024-09-24	1.30	1.25	1.22	0.62	0.58	0.56	0.12	0.08	0.07	0.73	0.72	0.70	0.58	0.57	0.56	0.17	0.16	0.16	24.06	23.92	22.62	32.88	32.74	30.97	162.88	162.74	154.08
2024-09-25	1.26	1.22	1.19	0.61	0.56	0.55	0.12	0.07	0.07	0.70	0.70	0.68	0.56	0.55	0.54	0.17	0.16	0.16	23.16	23.05	21.82	31.97	31.86	30.16	161.97	161.87	153.28
2024-09-26	1.23	1.18	1.16	0.59	0.54	0.53	0.12	0.07	0.07	0.68	0.68	0.66	0.55	0.54	0.53	0.16	0.16	0.15	22.52	22.41	21.24	31.33	31.23	29.59	161.34	161.23	152.71
2024-09-27	1.20	1.15	1.13	0.57	0.53	0.52	0.11	0.07	0.07	0.67	0.66	0.65	0.53	0.52	0.51	0.16	0.15	0.15	25.83	25.63	24.25	34.64	34.44	32.60	164.65	164.44	155.71
2024-09-28	1.17	1.12	1.10	0.56	0.52	0.51	0.11	0.07	0.07	0.65	0.64	0.63	0.52	0.51	0.50	0.15	0.15	0.14	34.38	34.15	32.30	43.19	42.97	40.65	173.19	172.97	163.76
2024-09-29	1.14	1.10	1.08	0.55	0.51	0.50	0.11	0.07	0.07	0.64	0.63	0.62	0.51	0.50	0.49	0.15	0.14	0.14	31.26	31.07	29.62	40.07	39.89	37.97	170.08	169.89	161.08
2024-09-30	1.12	1.07	1.06	0.54	0.49	0.49	0.11	0.07	0.06	0.62	0.62	0.60	0.50	0.49	0.48	0.15	0.14	0.14	29.10	28.92	27.72	37.92	37.74	36.07	167.92	167.74	159.18
2024-10-01	1.09	1.05	1.04	0.52	0.48	0.48	0.10	0.06	0.06	0.61	0.60	0.59	0.49	0.48	0.47	0.14	0.14	0.14	27.07	26.92	26.26	35.88	35.73	34.87	165.88	165.74	161.79
2024-10-02	1.07	1.03	1.02	0.51	0.48	0.47	0.10	0.06	0.06	0.60	0.59	0.58	0.48	0.47	0.46	0.14	0.14	0.13	25.50	25.37	24.76	34.32	34.18	33.37	164.32	164.19	160.29
2024-10-03	1.05	1.01	1.00	0.51	0.47	0.46	0.10	0.06	0.06	0.59	0.58	0.57	0.47	0.46	0.45	0.14	0.13	0.13	24.31	24.19	23.64	33.13	33.01	32.24	163.13	163.01	159.17
2024-10-04	1.03	1.00	0.98	0.50	0.46	0.45	0.10	0.06	0.06	0.58	0.57	0.56	0.46	0.45	0.45	0.14	0.13	0.13	23.42	23.31	22.78	32.24	32.13	31.39	162.24	162.13	158.31
2024-10-05	1.02	0.98	0.97	0.49	0.45	0.44	0.10	0.06	0.06	0.57	0.56	0.55	0.45	0.44	0.44	0.13	0.13	0.12	22.73	22.62	22.12	31.54	31.44	30.73	161.55	161.44	157.65
2024-10-06	1.00	0.96	0.95	0.48	0.44	0.44	0.10	0.06	0.06	0.56	0.55	0.55	0.44	0.44	0.43	0.13	0.13	0.13	22.49	22.38	21.90	31.31	31.20	30.51	161.31	161.20	157.43
2024-10-07	0.99	0.95	0.94	0.47	0.44	0.43	0.09	0.06	0.06	0.55	0.54	0.54	0.44	0.43	0.43	0.13	0.12	0.12	22.26	22.16	21.69	31.08	30.98	30.30	161.08	160.98	157.22
2024-10-08	0.97	0.94	0.93	0.47	0.43	0.43	0.09	0.06	0.06	0.54	0.54	0.53	0.43	0.43	0.42	0.13	0.12	0.12	21.80	21.70	21.25	30.62	30.52	29.85	160.62	160.52	156.77
2024-10-09	1.03	0.99	1.02	0.49	0.46	0.47	0.10	0.06	0.06	0.57	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	21.77	21.67	21.13	30.58	30.48	29.74	160.59	160.49	156.66
2024-10-10	1.66	1.59	1.72	0.79	0.73	0.79	0.16	0.10	0.11	0.92	0.92	0.99	0.74	0.73	0.79	0.22	0.21	0.23	21.71	21.62	21.01	30.53	30.43	29.62	160.53	160.44	156.54
2024-10-11	2.88	2.77	3.10	1.38	1.28	1.43	0.28	0.17	0.19	1.61	1.60	1.79	1.28	1.27	1.42	0.38	0.37	0.42	21.35	21.26	20.68	30.16	30.07	29.29	160.17	160.07	156.21
2024-10-12	4.52	4.35	4.82	2.17	2.00	2.22	0.43	0.27	0.29	2.52	2.51	2.78	2.01	2.00	2.22	0.60	0.59	0.66									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2024-11-10	7.65	7.55	7.76	3.67	3.57	3.67	0.73	0.63	0.65	4.27	4.27	4.40	3.40	3.41	3.50	1.01	1.02	1.05	18.40	18.36	18.25	26.33	26.28	26.12	135.39	135.34	134.54
2024-11-11	5.88	5.78	5.93	2.82	2.72	2.80	0.56	0.46	0.48	3.28	3.28	3.36	2.61	2.61	2.68	0.78	0.77	0.80	18.38	18.34	18.23	26.31	26.26	26.10	135.37	135.32	134.52
2024-11-12	4.95	4.84	4.95	2.37	2.27	2.32	0.47	0.37	0.38	2.76	2.75	2.81	2.20	2.19	2.24	0.65	0.65	0.66	18.38	18.34	18.23	26.30	26.26	26.11	135.36	135.32	134.52
2024-11-13	4.26	4.16	4.23	2.04	1.94	1.98	0.41	0.31	0.32	2.37	2.37	2.41	1.89	1.88	1.92	0.56	0.56	0.57	18.39	18.35	18.25	26.31	26.27	26.12	135.37	135.33	134.54
2024-11-14	3.73	3.64	3.70	1.79	1.70	1.73	0.36	0.27	0.27	2.08	2.07	2.11	1.66	1.65	1.68	0.49	0.49	0.50	18.38	18.34	18.24	26.30	26.26	26.11	135.36	135.32	134.53
2024-11-15	3.32	3.23	3.27	1.59	1.50	1.52	0.32	0.23	0.23	1.85	1.84	1.87	1.47	1.47	1.49	0.44	0.43	0.44	18.64	18.59	18.49	27.30	27.26	27.10	123.14	123.10	122.38
2024-11-16	2.99	2.90	2.94	1.43	1.35	1.37	0.29	0.20	0.21	1.67	1.66	1.68	1.33	1.32	1.34	0.39	0.39	0.39	18.62	18.58	18.47	27.28	27.24	27.08	123.12	123.08	122.36
2024-11-17	2.75	2.67	2.71	1.32	1.24	1.26	0.26	0.19	0.19	1.54	1.53	1.55	1.22	1.22	1.23	0.36	0.36	0.36	18.60	18.56	18.46	27.27	27.22	27.07	123.11	123.07	122.35
2024-11-18	3.16	3.07	3.11	1.52	1.42	1.45	0.30	0.21	0.21	1.76	1.76	1.79	1.40	1.40	1.42	0.42	0.42	0.42	18.59	18.55	18.44	27.25	27.21	27.05	123.09	123.05	122.33
2024-11-19	4.29	4.17	4.26	2.06	1.94	1.98	0.41	0.29	0.29	2.39	2.39	2.44	1.91	1.91	1.95	0.56	0.57	0.58	18.57	18.53	18.43	27.24	27.19	27.04	123.08	123.04	122.32
2024-11-20	3.80	3.71	3.78	1.82	1.73	1.77	0.36	0.27	0.28	2.12	2.12	2.16	1.69	1.69	1.72	0.50	0.50	0.51	18.56	18.52	18.41	27.22	27.18	27.02	123.06	123.02	122.30
2024-11-21	3.37	3.29	3.35	1.62	1.53	1.56	0.32	0.24	0.24	1.88	1.88	1.91	1.50	1.50	1.52	0.44	0.44	0.45	18.54	18.50	18.40	27.21	27.17	27.01	123.05	123.01	122.29
2024-11-22	3.03	2.95	3.00	1.46	1.37	1.39	0.29	0.21	0.21	1.69	1.69	1.71	1.35	1.34	1.36	0.40	0.40	0.40	18.53	18.49	18.39	27.20	27.15	27.00	123.04	123.00	122.28
2024-11-23	2.76	2.68	2.72	1.32	1.24	1.26	0.26	0.18	0.19	1.54	1.53	1.55	1.22	1.22	1.24	0.36	0.36	0.36	18.52	18.48	18.38	27.18	27.14	26.99	123.03	122.99	122.27
2024-11-24	2.53	2.45	2.49	1.21	1.14	1.15	0.24	0.17	0.17	1.41	1.41	1.42	1.12	1.12	1.13	0.33	0.33	0.34	18.51	18.47	18.37	27.17	27.13	26.98	123.02	122.98	122.26
2024-11-25	2.34	2.27	2.29	1.12	1.05	1.06	0.22	0.15	0.15	1.30	1.30	1.31	1.04	1.03	1.05	0.31	0.31	0.31	18.50	18.46	18.36	27.16	27.12	26.97	123.01	122.97	122.25
2024-11-26	2.18	2.10	2.12	1.04	0.97	0.98	0.21	0.13	0.14	1.21	1.21	1.22	0.97	0.96	0.97	0.29	0.28	0.29	18.49	18.45	18.35	27.15	27.11	26.96	123.00	122.96	122.24
2024-11-27	2.04	1.96	1.99	0.98	0.91	0.92	0.20	0.12	0.13	1.14	1.13	1.14	0.90	0.90	0.91	0.27	0.26	0.27	18.48	18.44	18.34	27.14	27.11	26.95	122.99	122.95	122.23
2024-11-28	1.92	1.85	1.87	0.92	0.85	0.86	0.18	0.12	0.12	1.07	1.06	1.07	0.85	0.85	0.85	0.25	0.25	0.25	18.47	18.43	18.33	27.14	27.10	26.94	122.98	122.94	122.22
2024-11-29	1.81	1.75	1.76	0.87	0.81	0.81	0.17	0.11	0.11	1.01	1.01	1.02	0.80	0.80	0.81	0.24	0.24	0.24	18.46	18.42	18.32	27.13	27.09	26.93	122.97	122.93	122.21
2024-11-30	1.72	1.66	1.67	0.83	0.76	0.77	0.16	0.10	0.10	0.96	0.95	0.96	0.76	0.76	0.77	0.23	0.22	0.22	18.45	18.42	18.32	27.12	27.08	26.93	122.96	122.92	122.21
2024-12-01	1.64	1.58	1.59	0.79	0.73	0.73	0.16	0.10	0.10	0.92	0.91	0.92	0.73	0.72	0.73	0.22	0.21	0.21	18.45	18.41	18.42	27.11	27.08	27.09	122.95	122.92	123.01
2024-12-02	1.64	1.58	1.60	0.79	0.73	0.74	0.16	0.10	0.10	0.92	0.91	0.92	0.73	0.73	0.73	0.22	0.21	0.22	18.44	18.40	18.42	27.10	27.07	27.09	122.95	122.91	123.00
2024-12-03	1.77	1.70	1.74	0.85	0.78	0.80	0.17	0.10	0.11	0.99	0.98	1.00	0.79	0.78	0.80	0.23	0.23	0.24	18.43	18.39	18.41	27.10	27.06	27.08	122.94	122.90	123.00
2024-12-04	1.82	1.75	1.80	0.87	0.81	0.83	0.17	0.11	0.11	1.01	1.01	1.04	0.81	0.81	0.83	0.24	0.24	0.25	18.43	18.39	18.40	27.09	27.05	27.07	122.93	122.89	122.99
2024-12-05	1.74	1.67	1.72	0.83	0.77	0.79	0.17	0.10	0.11	0.97	0.97	1.00	0.77	0.77	0.79	0.23	0.23	0.24	18.42	18.38	18.39	27.08	27.04	27.06	122.93	122.89	122.98
2024-12-06	1.66	1.59	1.63	0.79	0.73	0.75	0.16	0.10	0.10	0.92	0.92	0.94	0.74	0.73	0.75	0.22	0.22	0.22	18.41	18.37	18.38	27.08	27.04	27.06	122.92	122.88	122.97
2024-12-07	1.59	1.53	1.57	0.76	0.70	0.72	0.15	0.09	0.10	0.89	0.88	0.90	0.71	0.70	0.72	0.21	0.21	0.21	18.41	18.37	18.38	27.07	27.03	27.05	122.91	122.87	122.97
2024-12-08	1.53	1.47	1.50	0.73	0.68	0.69	0.15	0.09	0.09	0.85	0.85	0.87	0.68	0.68	0.69	0.20	0.20	0.20	18.40	18.36	18.38	27.07	27.03	27.05	122.91	122.87	122.97
2024-12-09	1.47	1.41	1.44	0.71	0.65	0.66	0.14	0.09	0.09	0.82	0.82	0.83	0.65	0.65	0.66	0.19	0.19	0.20	18.40	18.36	18.38	27.07	27.03	27.05	122.91	122.87	122.97
2024-12-10	1.42	1.36	1.39	0.68	0.63	0.64	0.14	0.08	0.08	0.79	0.78	0.80	0.63	0.62	0.64	0.19	0.18	0.19	18.40	18.37	18.38	27.07	27.03	27.05	122.91	122.87	122.97
2024-12-11	1.37	1.32	1.34	0.66	0.61	0.62	0.13	0.08	0.08	0.76	0.75	0.77	0.61	0.60	0.61	0.18	0.17	0.18	18.41	18.37	18.38	27.07	27.03	27.05	122.91	122.87	122.97
2024-12-12	1.32	1.27	1.30	0.64	0.59	0.60	0.13	0.08	0.08	0.74	0.73	0.74	0.59	0.58	0.59	0.17	0.17	0.17	18.41	18.37	18.39	27.07	27.04	27.06	122.91	122.88	122.98
2024-12-13	1.28	1.24	1.26	0.62	0.57	0.58	0.12	0.08	0.08	0.72	0.71	0.72	0.57	0.57	0.57	0.17	0.16	0.17	18.41	18.37	18.39	27.07	27.04	27.06	122.91	122.88	122.98
2024-12-14	1.25	1.20	1.22	0.60	0.55	0.56	0.12	0.07	0.07	0.70	0.69	0.70	0.55	0.55	0.56	0.16	0.16	0.16	18.47	18.44	18.46	27.14	27.10	27.13	122.98	122.94	123.05
2024-12-15	1.21	1.17	1.19	0.58	0.54	0.55	0.12	0.07	0.07	0.68	0.67	0.68	0.54	0.54	0.54	0.16	0.16	0.16	13.22	13.18	13.21	19.35	19.31	19.34	81.20	81.16	81.24
2024-12-16	1.18	1.14	1.16	0.57	0.52	0.53	0.11	0.07	0.07	0.66	0.66	0.66	0.53	0.52	0.53	0.16	0.15	0.15	13.10	13.07	13.09	19.23	19.19	19.22	81.07	81.04	81.12
2024-12-17	1.16	1.11	1.13	0.55	0.51	0.52	0.11	0.07	0.07	0.65	0.64	0.65	0.51	0.51	0.52	0.15	0.15	0.15	13.10	13.06	13.07	19.22	19.19	19.21	81.07	81.04	81.10
2024-12-18	1.13	1.09	1.10	0.54	0.50	0.51	0.11	0.07	0.07	0.63	0.62	0.63	0.50	0.50	0.50	0.15	0.14	0.15	13.08	13.05	13.05	19.21	19.17	19.19	81.06	81.02	81.08
2024-12-19	1.11	1.07	1.08	0.53	0.49	0.50	0.11	0.07	0.07	0.62	0.61	0.62	0.49	0.49	0.49	0.15	0.14	0.14	13.08	13.04	13.05	19.21	19.17	19.18	81.06	81.02	81.08
2024-12-20	1.08	1.04	1.06	0.52	0.48	0.49	0.10	0.06	0.06	0.61	0.60	0.60	0.48	0.47	0.48	0.14	0.14	0.14	13.08	13.04	13.05	19.21	19.17	19.18	81.06	81.02	81.08
2024-12-21	1.06	1.02	1.03	0.51	0.47	0.48	0.10	0.06	0.06	0.59	0.59	0.59	0.47	0.47	0.47	0.14	0.13	0.13	13.08	13.05	13.06	19.21	19.17	19.19	81.06	81.02	81.09
2024-12-22	1.05	1.01	1.02	0.50	0.46	0.47	0.10	0.06	0.06	0.58	0.58	0.58	0.46	0.46	0.46	0.14	0.13</										

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2025-01-20	0.91	0.90	0.95	0.44	0.43	0.45	0.09	0.08	0.08	0.51	0.50	0.52	0.41	0.40	0.42	0.12	0.11	0.12	10.45	10.37	10.37	16.37	16.28	16.29	69.36	69.27	69.32
2025-01-21	0.90	0.90	0.94	0.43	0.43	0.45	0.09	0.08	0.08	0.50	0.49	0.52	0.40	0.39	0.41	0.12	0.11	0.12	10.46	10.37	10.37	16.37	16.28	16.29	69.36	69.27	69.32
2025-01-22	0.89	0.89	0.93	0.43	0.42	0.44	0.09	0.08	0.08	0.50	0.49	0.51	0.40	0.39	0.41	0.12	0.11	0.11	10.46	10.37	10.37	16.37	16.28	16.29	69.36	69.27	69.32
2025-01-23	0.89	0.88	0.92	0.43	0.42	0.44	0.08	0.08	0.08	0.49	0.49	0.51	0.39	0.39	0.40	0.12	0.11	0.11	10.46	10.37	10.37	16.37	16.29	16.29	69.36	69.27	69.32
2025-01-24	0.88	0.87	0.91	0.42	0.41	0.43	0.08	0.08	0.08	0.49	0.48	0.50	0.39	0.38	0.40	0.12	0.11	0.11	10.46	10.37	10.37	16.37	16.29	16.29	69.36	69.27	69.32
2025-01-25	0.87	0.87	0.90	0.42	0.41	0.43	0.08	0.08	0.08	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	10.46	10.37	10.38	16.38	16.29	16.30	69.36	69.27	69.32
2025-01-26	0.86	0.86	0.89	0.41	0.41	0.42	0.08	0.08	0.08	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.11	10.46	10.37	10.38	16.38	16.29	16.30	69.36	69.27	69.33
2025-01-27	0.86	0.85	0.88	0.41	0.40	0.42	0.08	0.07	0.08	0.48	0.47	0.49	0.38	0.37	0.38	0.11	0.11	0.11	10.46	10.41	10.42	16.38	16.33	16.34	69.36	69.31	69.37
2025-01-28	0.85	0.85	0.87	0.41	0.40	0.42	0.08	0.08	0.08	0.47	0.47	0.48	0.38	0.37	0.38	0.11	0.10	0.11	10.46	10.45	10.45	16.38	16.36	16.37	69.37	69.35	69.40
2025-01-29	0.84	0.83	0.86	0.41	0.39	0.41	0.08	0.07	0.07	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.10	0.11	10.47	10.45	10.45	16.38	16.36	16.37	69.37	69.35	69.40
2025-01-30	0.84	0.82	0.85	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.11	10.47	10.45	10.45	16.38	16.36	16.37	69.37	69.35	69.40
2025-01-31	0.83	0.82	0.84	0.40	0.38	0.40	0.08	0.06	0.07	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.10	10.47	10.45	10.45	16.38	16.37	16.37	69.37	69.35	69.40
2025-02-01	0.83	0.82	0.84	0.40	0.39	0.40	0.08	0.07	0.07	0.46	0.45	0.47	0.37	0.36	0.37	0.11	0.10	0.10	10.47	10.45	10.44	16.38	16.37	16.35	69.37	69.36	69.26
2025-02-02	0.82	0.82	0.84	0.39	0.39	0.40	0.08	0.07	0.08	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	10.47	10.46	10.45	16.39	16.37	16.36	69.37	69.36	69.27
2025-02-03	0.82	0.82	0.85	0.39	0.39	0.41	0.08	0.08	0.08	0.46	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.10	10.47	10.46	10.47	16.39	16.37	16.38	69.37	69.36	69.29
2025-02-04	0.81	0.81	0.84	0.39	0.39	0.40	0.08	0.08	0.08	0.45	0.45	0.46	0.36	0.35	0.37	0.11	0.10	0.10	10.47	10.46	10.44	16.39	16.37	16.35	69.37	69.36	69.26
2025-02-05	0.81	0.81	0.83	0.39	0.39	0.40	0.08	0.08	0.08	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	10.47	10.46	10.44	16.39	16.38	16.35	69.37	69.36	69.26
2025-02-06	0.80	0.80	0.83	0.39	0.38	0.40	0.08	0.08	0.08	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.47	10.46	10.44	16.39	16.38	16.35	69.38	69.36	69.26
2025-02-07	0.80	0.80	0.82	0.38	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.47	10.46	10.44	16.39	16.38	16.35	69.38	69.36	69.26
2025-02-08	0.80	0.79	0.82	0.38	0.38	0.39	0.08	0.07	0.08	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.48	10.46	10.44	16.39	16.38	16.35	69.38	69.36	69.26
2025-02-09	0.94	0.93	1.06	0.45	0.44	0.50	0.09	0.07	0.08	0.53	0.52	0.60	0.42	0.41	0.48	0.12	0.12	0.13	10.48	10.46	10.44	16.39	16.38	16.35	69.38	69.36	69.26
2025-02-10	1.17	1.14	1.50	0.56	0.54	0.70	0.11	0.09	0.10	0.65	0.64	0.85	0.52	0.51	0.67	0.15	0.14	0.19	10.48	10.46	10.44	16.39	16.38	16.35	69.38	69.36	69.26
2025-02-11	0.91	0.93	1.08	0.44	0.45	0.53	0.09	0.10	0.13	0.51	0.50	0.57	0.40	0.40	0.45	0.12	0.11	0.13	10.48	10.46	10.44	16.39	16.38	16.35	69.38	69.36	69.26
2025-02-12	0.86	0.85	0.97	0.41	0.41	0.46	0.08	0.08	0.09	0.48	0.47	0.53	0.38	0.37	0.42	0.11	0.11	0.12	10.48	10.46	10.44	16.40	16.38	16.35	69.38	69.36	69.26
2025-02-13	0.85	0.84	0.95	0.41	0.40	0.45	0.08	0.07	0.08	0.47	0.47	0.53	0.38	0.37	0.42	0.11	0.10	0.12	10.48	10.47	10.47	16.40	16.38	16.38	69.38	69.37	69.29
2025-02-14	0.84	0.83	0.94	0.41	0.39	0.44	0.08	0.07	0.08	0.47	0.46	0.52	0.38	0.37	0.41	0.11	0.10	0.12	10.48	10.47	10.51	16.40	16.38	16.42	69.38	69.37	69.33
2025-02-15	0.84	0.83	0.93	0.40	0.39	0.44	0.08	0.07	0.08	0.47	0.46	0.51	0.37	0.36	0.41	0.11	0.10	0.12	10.51	10.49	10.48	15.39	15.37	15.35	65.48	65.47	65.38
2025-02-16	0.83	0.82	0.92	0.40	0.39	0.43	0.08	0.07	0.08	0.47	0.46	0.51	0.37	0.36	0.40	0.11	0.10	0.11	10.51	10.49	10.47	15.39	15.37	15.34	65.48	65.47	65.37
2025-02-17	0.83	0.82	0.90	0.40	0.39	0.43	0.08	0.07	0.08	0.46	0.45	0.50	0.37	0.36	0.40	0.11	0.10	0.11	10.51	10.49	10.47	15.39	15.37	15.34	65.49	65.47	65.37
2025-02-18	0.82	0.82	0.90	0.40	0.39	0.43	0.08	0.07	0.08	0.46	0.45	0.50	0.37	0.36	0.39	0.11	0.10	0.11	10.51	10.49	10.47	15.39	15.37	15.35	65.49	65.47	65.37
2025-02-19	0.82	0.81	0.89	0.39	0.39	0.42	0.08	0.07	0.08	0.46	0.45	0.49	0.36	0.36	0.39	0.11	0.10	0.11	10.51	10.49	10.47	15.39	15.37	15.35	65.49	65.47	65.37
2025-02-20	0.81	0.81	0.89	0.39	0.39	0.42	0.08	0.08	0.08	0.45	0.45	0.49	0.36	0.35	0.39	0.11	0.10	0.11	10.51	10.49	10.47	15.39	15.37	15.35	65.49	65.47	65.37
2025-02-21	0.87	0.87	0.91	0.42	0.41	0.44	0.08	0.08	0.08	0.49	0.48	0.50	0.39	0.38	0.40	0.11	0.11	0.11	10.51	10.50	10.48	15.39	15.37	15.35	65.49	65.47	65.38
2025-02-22	0.97	0.97	1.08	0.47	0.47	0.52	0.09	0.09	0.10	0.54	0.53	0.59	0.43	0.42	0.47	0.13	0.12	0.13	10.51	10.49	10.47	15.39	15.37	15.35	65.49	65.47	65.37
2025-02-23	0.83	0.84	0.94	0.40	0.41	0.45	0.08	0.09	0.10	0.47	0.46	0.51	0.37	0.36	0.40	0.11	0.10	0.11	10.51	10.50	10.48	15.39	15.38	15.35	65.49	65.47	65.38
2025-02-24	0.84	0.84	0.94	0.40	0.40	0.45	0.08	0.08	0.09	0.47	0.46	0.52	0.37	0.37	0.41	0.11	0.10	0.12	10.51	10.50	10.48	15.39	15.38	15.35	65.49	65.48	65.38
2025-02-25	0.90	0.91	1.02	0.43	0.44	0.49	0.09	0.09	0.10	0.50	0.50	0.55	0.40	0.39	0.44	0.12	0.11	0.12	10.51	10.50	10.48	15.39	15.37	15.35	65.49	65.47	65.38
2025-02-26	0.84	0.84	0.95	0.40	0.40	0.45	0.08	0.08	0.09	0.47	0.46	0.52	0.37	0.37	0.41	0.11	0.10	0.12	10.51	10.50	10.48	15.39	15.38	15.35	65.49	65.48	65.38
2025-02-27	0.83	0.83	0.93	0.40	0.40	0.44	0.08	0.08	0.08	0.47	0.46	0.51	0.37	0.36	0.41	0.11	0.10	0.12	10.52	10.50	10.48	15.39	15.38	15.35	65.49	65.48	65.38
2025-02-28	0.83	0.83	0.92	0.40	0.39	0.44	0.08	0.08	0.08	0.46	0.45	0.51	0.37	0.36	0.40	0.11	0.10	0.11	10.52	10.50	10.48	15.39	15.38	15.35	65.49	65.48	65.38
2025-03-01	0.82	0.82	0.91	0.40	0.39	0.44	0.08	0.08	0.08	0.46	0.45	0.50	0.37	0.36	0.40	0.11	0.10	0.11	10.77	10.74	16.90	15.65	15.62	24.73	65.75	65.72	105.18
2025-03-02	0.82	0.82	0.90	0.39	0.39	0.43	0.08	0.08	0.08	0.46	0.45	0.50	0.36	0.36	0.39	0.11	0.10	0.11	12.10	11.99	19.67	16.98	16.86	27.50	67.07	66.96	107.95
2025-03-03	0.81	0.81	0.89	0.39	0.39	0.43	0.08	0.08	0.08	0.45	0.45	0.49	0.36	0.35	0.39	0.11	0.10	0.11	12.82	12.73	20.30	17.70	17.61	28.13	67.79	67.71	108.58

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2025-04-01	2.10	2.09	3.77	1.01	1.00	1.76	0.20	0.20	0.28	1.17	1.15	2.12	0.93	0.91	1.68	0.28	0.26	0.48	15.33	15.30	35.03	22.16	22.13	50.93	87.55	87.53	203.09
2025-04-02	2.06	2.07	5.38	0.99	1.00	2.53	0.20	0.21	0.42	1.15	1.13	3.01	0.91	0.90	2.39	0.27	0.25	0.68	15.82	15.79	37.27	22.66	22.62	53.16	88.05	88.01	205.32
2025-04-03	1.74	1.78	5.91	0.83	0.87	2.82	0.17	0.21	0.53	0.97	0.95	3.27	0.77	0.76	2.59	0.23	0.22	0.74	15.94	15.93	38.40	22.78	22.76	54.30	88.17	88.15	206.46
2025-04-04	1.55	1.54	5.81	0.74	0.74	2.76	0.15	0.14	0.50	0.86	0.85	3.22	0.69	0.67	2.56	0.20	0.19	0.72	16.26	16.22	41.53	23.09	23.05	57.42	88.48	88.44	209.58
2025-04-05	1.60	1.59	7.23	0.77	0.76	3.36	0.15	0.14	0.51	0.89	0.88	4.07	0.71	0.70	3.23	0.21	0.20	0.92	17.23	17.14	41.93	24.06	23.97	57.82	89.45	89.36	209.98
2025-04-06	1.75	1.73	9.21	0.84	0.82	4.28	0.17	0.14	0.64	0.98	0.96	5.20	0.78	0.76	4.12	0.23	0.22	1.17	17.95	17.86	44.10	24.78	24.69	60.00	90.18	90.08	212.16
2025-04-07	1.79	1.79	10.09	0.86	0.86	4.79	0.17	0.17	0.88	1.00	0.98	5.59	0.80	0.78	4.43	0.24	0.22	1.26	17.91	17.85	44.34	24.74	24.68	60.23	90.13	90.07	212.39
2025-04-08	1.70	1.69	8.94	0.82	0.80	4.28	0.16	0.15	0.84	0.95	0.93	4.91	0.76	0.74	3.90	0.22	0.21	1.10	17.38	17.32	41.95	24.21	24.15	57.85	89.60	89.54	210.00
2025-04-09	1.62	1.61	7.04	0.78	0.76	3.38	0.16	0.14	0.67	0.91	0.89	3.86	0.72	0.71	3.06	0.21	0.20	0.87	17.02	16.96	39.81	23.85	23.80	55.71	89.25	89.19	207.87
2025-04-10	1.56	1.54	6.22	0.75	0.73	2.95	0.15	0.13	0.53	0.87	0.85	3.45	0.69	0.68	2.73	0.20	0.19	0.77	16.81	16.75	39.39	23.64	23.58	55.29	89.03	88.97	207.45
2025-04-11	1.61	1.59	6.45	0.77	0.75	2.90	0.15	0.13	0.27	0.90	0.88	3.74	0.71	0.70	2.97	0.21	0.20	0.84	16.61	16.56	39.48	23.45	23.39	55.37	88.84	88.78	207.53
2025-04-12	1.65	1.66	7.05	0.79	0.80	3.23	0.16	0.17	0.40	0.92	0.91	4.03	0.73	0.72	3.20	0.22	0.20	0.91	16.38	16.34	39.05	23.21	23.17	54.95	88.60	88.56	207.10
2025-04-13	1.74	1.72	7.57	0.84	0.81	3.54	0.17	0.15	0.56	0.97	0.95	4.25	0.77	0.76	3.37	0.23	0.21	0.96	16.18	16.13	41.15	23.01	22.97	57.04	88.40	88.36	209.20
2025-04-14	2.01	2.00	8.08	0.96	0.96	3.77	0.19	0.19	0.59	1.12	1.10	4.54	0.89	0.88	3.61	0.26	0.25	1.02	16.00	15.96	38.95	22.84	22.79	54.84	88.23	88.18	207.00
2025-04-15	2.06	2.05	8.15	0.99	0.98	3.83	0.20	0.19	0.64	1.15	1.13	4.55	0.91	0.89	3.61	0.27	0.25	1.02	36.79	36.75	86.32	50.46	50.42	118.14	218.88	218.84	510.04
2025-04-16	2.16	2.15	9.35	1.04	1.03	5.12	0.21	0.20	1.99	1.21	1.19	4.48	0.96	0.94	3.55	0.29	0.27	1.01	36.65	36.61	85.33	50.33	50.29	117.15	218.75	218.71	509.05
2025-04-17	2.41	2.38	7.33	1.16	1.13	3.11	0.23	0.20	0.00	1.34	1.32	4.44	1.07	1.05	3.52	0.32	0.30	0.99	36.54	36.50	84.65	50.21	50.17	116.47	218.63	218.60	508.37
2025-04-18	3.13	3.07	7.48	1.50	1.44	3.18	0.30	0.24	0.00	1.75	1.72	4.53	1.39	1.36	3.59	0.41	0.39	1.01	36.43	36.40	84.34	50.11	50.07	116.17	218.53	218.49	508.06
2025-04-19	4.10	4.01	7.75	1.97	1.88	3.39	0.39	0.31	0.17	2.29	2.25	4.59	1.82	1.78	3.64	0.54	0.51	1.03	36.55	36.51	84.93	50.23	50.18	116.76	218.65	218.60	508.65
2025-04-20	4.72	4.66	8.01	2.27	2.20	3.77	0.45	0.39	0.63	2.63	2.59	4.47	2.10	2.05	3.55	0.62	0.58	1.01	37.34	37.27	85.99	51.01	50.95	117.81	219.43	219.37	509.71
2025-04-21	4.84	4.80	7.51	2.33	2.28	3.54	0.46	0.42	0.62	2.70	2.66	4.18	2.15	2.11	3.31	0.64	0.60	0.94	37.34	37.30	86.87	51.02	50.98	118.69	219.44	219.40	510.59
2025-04-22	5.19	5.11	7.24	2.49	2.41	3.41	0.50	0.42	0.58	2.90	2.85	4.04	2.31	2.26	3.20	0.68	0.64	0.91	37.01	36.97	85.67	50.69	50.65	117.49	219.11	219.07	509.39
2025-04-23	5.49	5.41	7.09	2.64	2.55	3.34	0.53	0.44	0.56	3.07	3.01	3.96	2.44	2.39	3.14	0.72	0.68	0.89	36.85	36.81	84.59	50.53	50.48	116.41	218.95	218.90	508.31
2025-04-24	5.12	5.88	6.39	2.46	3.22	3.03	0.49	1.25	0.55	2.85	2.81	3.54	2.27	2.23	2.81	0.67	0.64	0.80	36.71	36.67	84.17	50.38	50.35	116.00	218.81	218.77	507.89
2025-04-25	4.40	3.97	5.64	2.11	1.69	2.68	0.42	0.00	0.49	2.45	2.41	3.12	1.95	1.91	2.48	0.58	0.54	0.70	36.76	36.72	84.06	50.44	50.39	115.88	218.86	218.81	507.78
2025-04-26	4.22	3.82	5.85	2.03	1.62	2.74	0.40	0.00	0.44	2.36	2.31	3.28	1.87	1.83	2.60	0.56	0.52	0.74	37.13	37.10	84.36	50.81	50.77	116.18	219.23	219.19	508.08
2025-04-27	4.04	3.85	5.80	1.94	1.75	2.74	0.39	0.20	0.47	2.25	2.21	3.23	1.79	1.75	2.57	0.53	0.49	0.73	37.92	37.87	84.50	51.60	51.54	116.32	220.02	219.96	508.22
2025-04-28	3.56	3.53	4.93	1.71	1.68	2.36	0.34	0.31	0.45	1.99	1.95	2.72	1.58	1.55	2.16	0.47	0.44	0.61	38.73	38.66	84.86	52.41	52.33	116.68	220.83	220.75	508.58
2025-04-29	3.18	3.15	4.24	1.53	1.50	2.02	0.31	0.27	0.38	1.78	1.74	2.34	1.41	1.38	1.85	0.42	0.39	0.53	38.72	38.69	84.96	52.40	52.36	116.79	220.82	220.78	508.68
2025-04-30	3.12	3.07	3.51	1.50	1.45	1.49	0.30	0.25	0.00	1.74	1.71	2.13	1.39	1.36	1.69	0.41	0.38	0.48	38.25	38.19	84.46	51.92	51.87	116.28	220.34	220.29	508.18
2025-05-01	3.35	3.03	3.34	1.61	1.29	1.42	0.32	0.00	0.00	1.87	1.83	2.02	1.49	1.46	1.60	0.44	0.41	0.45	37.90	37.85	82.13	51.58	51.52	115.73	220.00	219.94	513.27
2025-05-02	3.49	3.16	3.24	1.68	1.34	1.44	0.33	0.00	0.11	1.95	1.91	1.90	1.55	1.52	1.51	0.46	0.43	0.43	37.79	37.73	82.01	51.47	51.40	115.71	219.89	219.82	513.15
2025-05-03	3.67	3.32	3.15	1.76	1.41	1.49	0.35	0.00	0.27	2.05	2.01	1.74	1.63	1.60	1.38	0.48	0.45	0.39	38.05	37.76	82.02	51.72	51.44	115.71	220.14	219.86	513.16
2025-05-04	4.13	3.98	2.86	1.98	1.83	1.36	0.40	0.25	0.25	2.30	2.26	1.58	1.83	1.80	1.26	0.54	0.51	0.36	38.40	38.14	27.78	52.08	51.81	115.71	220.50	220.23	152.92
2025-05-05	4.53	4.12	2.61	2.18	1.76	1.24	0.43	0.02	0.23	2.53	2.48	1.45	2.01	1.97	1.15	0.60	0.56	0.32	38.79	38.68	27.46	52.47	52.36	115.71	220.89	220.78	152.59
2025-05-06	4.36	4.28	2.64	2.09	2.02	1.24	0.42	0.34	0.21	2.43	2.39	1.47	1.94	1.90	1.17	0.57	0.54	0.33	39.44	39.30	27.13	53.12	52.98	115.71	221.54	221.40	152.27
2025-05-07	3.85	3.83	2.68	1.85	1.82	1.26	0.37	0.34	0.22	2.15	2.11	1.49	1.71	1.68	1.18	0.51	0.47	0.33	40.00	39.86	26.86	53.68	53.53	115.71	222.10	221.95	152.00
2025-05-08	3.42	3.39	2.47	1.64	1.61	1.18	0.33	0.30	0.22	1.91	1.87	1.37	1.52	1.49	1.08	0.45	0.42	0.31	40.53	40.38	26.63	54.21	54.05	115.71	222.63	222.47	151.77
2025-05-09	3.07	3.01	2.29	1.47	1.41	1.09	0.29	0.24	0.20	1.71	1.68	1.27	1.36	1.33	1.00	0.40	0.38	0.28	41.00	40.84	26.43	54.68	54.52	115.71	223.10	222.94	151.57
2025-05-10	3.14	3.03	2.32	1.51	1.39	1.09	0.30	0.19	0.19	1.75	1.72	1.29	1.39	1.36	1.02	0.41	0.39	0.29	41.00	40.60	26.26	54.67	54.27	115.71	223.10	222.69	151.39
2025-05-11	4.42	4.25	3.34	2.12	1.95	1.53	0.42	0.25	0.20	2.46	2.42	1.91	1.96	1.92	1.51	0.58	0.54	0.43	41.02	40.84	26.11	54.69	54.51	115.71	223.11	222.93	151.24
2025-05-12	5.79	5.59	5.09	2.78	2.58	2.33	0.55	0.29	0.29	3.23	3.17	2.91	2.57	2.52	2.31	0.76	0.71	0.65	41.14	40.64	25.97	54.82	54.32	115.71	223.24	222.74	151.11
2025-05-13	5.04	5.01	4.46	2.42	2.39	2.14	0.48	0.45	0.42	2.81	2.76	2.45	2.24	2.19	1												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2025-06-11	4.44	4.01	3.17	2.13	1.71	1.50	0.43	0.00	0.26	2.48	2.43	1.76	1.97	1.93	1.40	0.58	0.54	0.40	111.80	111.76	86.17	144.65	144.61	111.35	725.60	725.57	556.83
2025-06-12	3.87	3.69	2.88	1.86	1.67	1.37	0.37	0.19	0.25	2.16	2.12	1.59	1.72	1.68	1.26	0.51	0.47	0.36	111.70	111.67	86.07	144.55	144.51	111.25	725.50	725.47	556.73
2025-06-13	3.43	3.40	2.63	1.65	1.62	1.25	0.33	0.30	0.23	1.91	1.88	1.45	1.52	1.49	1.15	0.45	0.42	0.33	111.61	111.57	85.98	144.45	144.42	111.16	725.41	725.38	556.64
2025-06-14	3.13	3.10	2.42	1.50	1.47	1.15	0.30	0.27	0.21	1.75	1.71	1.34	1.39	1.36	1.06	0.41	0.38	0.30	111.53	111.50	85.90	144.37	144.34	111.08	725.33	725.30	556.56
2025-06-15	3.00	2.96	2.24	1.44	1.40	1.07	0.29	0.25	0.20	1.68	1.65	1.24	1.33	1.31	0.98	0.40	0.37	0.28	140.24	140.21	107.91	173.62	173.59	133.51	950.63	950.60	729.32
2025-06-16	2.84	2.81	2.09	1.36	1.33	1.00	0.27	0.24	0.18	1.59	1.56	1.16	1.26	1.24	0.92	0.37	0.35	0.26	140.16	140.13	107.84	173.54	173.51	133.44	950.55	950.52	729.25
2025-06-17	2.60	2.58	1.96	1.25	1.22	0.93	0.25	0.23	0.17	1.45	1.42	1.09	1.15	1.13	0.86	0.34	0.32	0.24	140.09	140.06	107.78	173.47	173.44	133.38	950.48	950.45	729.19
2025-06-18	2.44	2.41	1.85	1.17	1.14	0.88	0.23	0.21	0.16	1.36	1.33	1.02	1.08	1.06	0.81	0.32	0.30	0.23	140.03	140.00	107.73	173.41	173.38	133.33	950.42	950.39	729.14
2025-06-19	2.29	2.27	1.76	1.10	1.08	0.84	0.22	0.20	0.15	1.28	1.26	0.97	1.02	1.00	0.77	0.30	0.28	0.22	162.69	161.10	121.44	196.07	194.48	147.04	973.08	971.49	742.85
2025-06-20	2.14	2.12	1.67	1.03	1.01	0.79	0.20	0.19	0.15	1.19	1.17	0.92	0.95	0.93	0.73	0.28	0.26	0.21	218.46	216.85	155.08	251.84	250.23	180.68	1028.85	1027.24	776.49
2025-06-21	2.00	1.99	1.59	0.96	0.94	0.76	0.19	0.17	0.14	1.12	1.10	0.88	0.89	0.87	0.70	0.26	0.25	0.20	173.94	173.60	131.34	207.33	206.99	156.94	984.34	984.00	752.75
2025-06-22	1.89	1.87	1.53	0.91	0.89	0.72	0.18	0.16	0.13	1.05	1.03	0.84	0.84	0.82	0.67	0.25	0.23	0.19	160.44	160.88	124.03	193.82	194.27	149.63	970.83	971.28	745.44
2025-06-23	1.79	1.77	1.47	0.86	0.84	0.70	0.17	0.16	0.13	1.00	0.98	0.81	0.79	0.78	0.64	0.24	0.22	0.18	153.96	154.83	118.04	187.34	188.21	143.64	964.35	965.22	739.45
2025-06-24	1.70	1.68	1.41	0.82	0.80	0.67	0.16	0.15	0.12	0.95	0.93	0.78	0.75	0.74	0.62	0.22	0.21	0.18	151.80	150.83	116.76	185.18	184.22	142.36	962.19	961.23	738.17
2025-06-25	1.62	1.61	1.36	0.78	0.76	0.65	0.16	0.14	0.12	0.90	0.89	0.75	0.72	0.70	0.60	0.21	0.20	0.17	150.19	150.02	115.54	183.57	183.40	141.14	960.58	960.41	736.95
2025-06-26	1.55	1.54	1.32	0.74	0.73	0.63	0.15	0.14	0.12	0.87	0.85	0.73	0.69	0.67	0.58	0.20	0.19	0.16	147.81	147.71	113.91	181.19	181.10	139.51	958.20	958.11	735.32
2025-06-27	1.49	1.48	1.28	0.71	0.70	0.61	0.14	0.13	0.11	0.83	0.82	0.71	0.66	0.65	0.56	0.20	0.18	0.16	146.16	146.07	112.72	179.55	179.46	138.32	956.56	956.47	734.13
2025-06-28	1.43	1.42	1.24	0.69	0.68	0.59	0.14	0.13	0.11	0.80	0.79	0.69	0.64	0.62	0.54	0.19	0.18	0.15	144.97	144.89	111.83	178.36	178.27	137.43	955.37	955.28	733.24
2025-06-29	1.38	1.37	1.21	0.66	0.66	0.58	0.13	0.12	0.11	0.77	0.76	0.67	0.61	0.60	0.53	0.18	0.17	0.15	144.08	144.00	111.13	177.46	177.38	136.73	954.47	954.39	732.54
2025-06-30	1.34	1.33	1.18	0.64	0.63	0.56	0.13	0.12	0.10	0.75	0.73	0.65	0.59	0.58	0.52	0.18	0.16	0.15	143.38	143.31	110.58	176.76	176.69	136.18	953.77	953.70	731.99
2025-07-01	1.38	1.36	1.20	0.66	0.64	0.57	0.13	0.11	0.10	0.77	0.76	0.67	0.61	0.60	0.53	0.18	0.17	0.15	142.83	142.76	134.73	176.21	176.14	166.28	953.22	953.15	900.55
2025-07-02	1.41	1.40	1.23	0.68	0.67	0.59	0.14	0.12	0.11	0.79	0.77	0.68	0.63	0.61	0.54	0.19	0.17	0.15	142.38	142.31	134.36	175.76	175.70	165.91	952.77	952.71	900.18
2025-07-03	1.36	1.35	1.20	0.65	0.64	0.57	0.13	0.12	0.11	0.76	0.75	0.66	0.61	0.59	0.52	0.18	0.17	0.15	142.01	141.95	134.06	175.39	175.33	165.60	952.40	952.34	899.88
2025-07-04	1.32	1.31	1.17	0.63	0.62	0.56	0.13	0.12	0.10	0.74	0.72	0.64	0.59	0.57	0.51	0.17	0.16	0.14	141.70	141.64	133.80	175.08	175.03	165.35	952.09	952.04	899.62
2025-07-05	1.55	1.52	1.39	0.74	0.71	0.65	0.15	0.11	0.10	0.87	0.85	0.78	0.69	0.67	0.62	0.20	0.19	0.17	141.56	141.50	133.65	174.94	174.88	165.20	951.95	951.89	899.47
2025-07-06	2.29	2.21	2.02	1.10	1.02	0.93	0.22	0.14	0.13	1.28	1.25	1.14	1.02	0.99	0.91	0.30	0.28	0.26	141.43	141.37	133.52	174.81	174.76	165.07	951.82	951.77	899.34
2025-07-07	1.68	1.71	1.52	0.81	0.83	0.74	0.16	0.19	0.17	0.94	0.92	0.82	0.75	0.73	0.65	0.22	0.21	0.18	141.21	141.16	133.34	174.59	174.54	164.89	951.60	951.55	899.16
2025-07-08	1.61	1.59	1.42	0.77	0.76	0.68	0.15	0.14	0.13	0.90	0.88	0.79	0.71	0.70	0.62	0.21	0.20	0.18	142.39	142.25	134.39	175.77	175.63	165.93	952.78	952.64	900.21
2025-07-09	1.54	1.53	1.37	0.74	0.73	0.65	0.15	0.13	0.12	0.86	0.84	0.76	0.68	0.67	0.60	0.20	0.19	0.17	145.01	144.76	136.78	178.39	178.14	168.33	955.40	955.15	902.60
2025-07-10	1.48	1.47	1.33	0.71	0.70	0.63	0.14	0.13	0.12	0.83	0.81	0.73	0.66	0.64	0.58	0.19	0.18	0.16	142.91	142.91	135.00	176.30	176.30	166.55	953.30	953.31	900.82
2025-07-11	1.42	1.41	1.29	0.68	0.67	0.61	0.14	0.12	0.11	0.79	0.78	0.71	0.63	0.62	0.56	0.19	0.18	0.16	142.45	142.38	134.53	175.83	175.77	166.07	952.84	952.78	900.35
2025-07-12	1.38	1.36	1.25	0.66	0.65	0.59	0.13	0.12	0.11	0.77	0.75	0.69	0.61	0.60	0.55	0.18	0.17	0.15	142.07	142.01	134.20	175.45	175.39	165.74	952.46	952.40	900.02
2025-07-13	1.33	1.32	1.21	0.64	0.63	0.58	0.13	0.12	0.11	0.74	0.73	0.67	0.59	0.58	0.53	0.18	0.16	0.15	141.75	141.69	133.92	175.13	175.08	165.47	952.14	952.09	899.74
2025-07-14	1.29	1.28	1.18	0.62	0.61	0.56	0.12	0.11	0.11	0.72	0.71	0.65	0.57	0.56	0.52	0.17	0.16	0.15	141.48	141.43	133.68	174.86	174.81	165.23	951.87	951.82	899.50
2025-07-15	1.25	1.24	1.16	0.60	0.59	0.55	0.12	0.11	0.10	0.70	0.69	0.64	0.56	0.54	0.51	0.17	0.15	0.14	56.18	56.13	53.08	74.87	74.82	70.75	450.96	450.92	426.16
2025-07-16	1.22	1.21	1.13	0.59	0.58	0.54	0.12	0.11	0.10	0.68	0.67	0.62	0.54	0.53	0.50	0.16	0.15	0.14	55.98	55.93	52.91	74.67	74.63	70.57	450.77	450.72	425.98
2025-07-17	1.26	1.24	1.15	0.60	0.59	0.55	0.12	0.11	0.10	0.70	0.69	0.64	0.56	0.55	0.51	0.17	0.15	0.14	55.81	55.77	52.75	74.50	74.46	70.42	450.59	450.55	425.83
2025-07-18	1.29	1.28	1.18	0.62	0.61	0.56	0.12	0.11	0.11	0.72	0.71	0.65	0.57	0.56	0.52	0.17	0.16	0.15	55.66	55.62	52.62	74.35	74.31	70.28	450.45	450.41	425.69
2025-07-19	1.25	1.24	1.15	0.60	0.59	0.55	0.12	0.11	0.10	0.70	0.69	0.64	0.56	0.54	0.50	0.16	0.15	0.14	55.57	55.53	52.51	74.26	74.22	70.17	450.35	450.31	425.59
2025-07-20	1.22	1.21	1.13	0.58	0.58	0.54	0.12	0.11	0.10	0.68	0.67	0.62	0.54	0.53	0.49	0.16	0.15	0.14	55.48	55.44	52.42	74.17	74.13	70.08	450.27	450.23	425.49
2025-07-21	1.19	1.18	1.10	0.57	0.56	0.52	0.11	0.11	0.10	0.66	0.65	0.61	0.53	0.52	0.48	0.16	0.15	0.14	55.37	55.33	52.32	74.06	74.02	69.98	450.15	450.12	425.39
2025-07-22	1.16	1.15	1.08	0.56	0.55	0.51	0.11	0.10	0.10	0.65	0.64	0.60	0.51	0.50	0.47	0.15	0.14	0.13	55.27	55.24	52.24	73.96	73.93	69.90	450.06		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2025-08-21	1.15	1.14	1.12	0.55	0.54	0.53	0.11	0.10	0.10	0.64	0.63	0.62	0.51	0.50	0.49	0.15	0.14	0.14	28.26	28.23	25.35	38.65	38.62	34.64	214.74	214.72	192.12
2025-08-22	1.15	1.15	1.11	0.55	0.55	0.53	0.11	0.11	0.10	0.64	0.63	0.61	0.51	0.50	0.49	0.15	0.14	0.14	28.19	28.17	25.30	38.58	38.55	34.59	214.68	214.65	192.07
2025-08-23	1.13	1.12	1.09	0.54	0.54	0.52	0.11	0.10	0.10	0.63	0.62	0.60	0.50	0.49	0.48	0.15	0.14	0.13	28.13	28.11	25.25	38.52	38.50	34.54	214.62	214.59	192.02
2025-08-24	1.20	1.18	1.13	0.57	0.56	0.54	0.11	0.10	0.10	0.67	0.66	0.63	0.53	0.52	0.50	0.16	0.15	0.14	28.20	28.17	25.28	38.59	38.56	34.58	214.69	214.66	192.06
2025-08-25	1.39	1.37	1.26	0.67	0.65	0.60	0.13	0.11	0.11	0.78	0.76	0.70	0.62	0.61	0.55	0.18	0.17	0.16	28.97	28.89	25.79	39.36	39.28	35.08	215.45	215.38	192.57
2025-08-26	1.22	1.23	1.16	0.59	0.59	0.56	0.12	0.12	0.11	0.68	0.67	0.64	0.54	0.53	0.50	0.16	0.15	0.14	29.24	29.18	26.04	39.63	39.57	35.33	215.72	215.66	192.82
2025-08-27	1.19	1.19	1.13	0.57	0.57	0.54	0.11	0.11	0.10	0.67	0.65	0.62	0.53	0.52	0.49	0.16	0.15	0.14	28.68	28.66	25.64	39.07	39.05	34.93	215.16	215.15	192.42
2025-08-28	1.16	1.16	1.10	0.56	0.55	0.53	0.11	0.11	0.10	0.65	0.64	0.61	0.52	0.51	0.48	0.15	0.14	0.14	28.57	28.54	25.55	38.96	38.92	34.84	215.05	215.02	192.32
2025-08-29	1.14	1.13	1.08	0.55	0.54	0.52	0.11	0.10	0.10	0.63	0.62	0.60	0.51	0.49	0.47	0.15	0.14	0.13	28.47	28.44	25.48	38.86	38.83	34.77	214.96	214.93	192.25
2025-08-30	1.11	1.11	1.06	0.53	0.53	0.51	0.11	0.10	0.10	0.62	0.61	0.58	0.49	0.48	0.46	0.15	0.14	0.13	28.39	28.36	25.41	38.78	38.75	34.70	214.87	214.84	192.19
2025-08-31	1.09	1.09	1.04	0.52	0.52	0.50	0.10	0.10	0.10	0.61	0.60	0.57	0.48	0.47	0.46	0.14	0.13	0.13	28.31	28.28	25.35	38.70	38.67	34.64	214.80	214.77	192.13
2025-09-01	1.07	1.07	1.03	0.51	0.51	0.49	0.10	0.10	0.09	0.60	0.59	0.56	0.48	0.47	0.45	0.14	0.13	0.13	28.24	28.21	26.72	38.63	38.60	36.57	214.73	214.70	203.60
2025-09-02	1.05	1.05	1.01	0.50	0.50	0.48	0.10	0.10	0.09	0.59	0.58	0.56	0.47	0.46	0.44	0.14	0.13	0.12	28.18	28.15	26.67	38.56	38.54	36.52	214.66	214.64	203.55
2025-09-03	1.03	1.03	0.99	0.50	0.49	0.48	0.10	0.09	0.09	0.58	0.57	0.55	0.46	0.45	0.43	0.14	0.13	0.12	28.12	28.09	26.62	38.51	38.48	36.47	214.60	214.58	203.50
2025-09-04	1.02	1.01	0.98	0.49	0.48	0.47	0.10	0.09	0.09	0.57	0.56	0.54	0.45	0.44	0.43	0.13	0.12	0.12	28.06	28.04	26.58	38.45	38.43	36.43	214.55	214.53	203.46
2025-09-05	1.00	1.00	0.97	0.48	0.48	0.46	0.10	0.09	0.09	0.56	0.55	0.53	0.44	0.43	0.42	0.13	0.12	0.12	28.02	27.99	26.54	38.40	38.38	36.39	214.50	214.48	203.42
2025-09-06	0.99	0.98	0.95	0.47	0.47	0.46	0.09	0.09	0.09	0.55	0.54	0.52	0.44	0.43	0.42	0.13	0.12	0.12	28.10	28.07	26.61	38.49	38.46	36.46	214.59	214.56	203.49
2025-09-07	0.97	0.97	0.94	0.47	0.46	0.45	0.09	0.09	0.09	0.54	0.53	0.52	0.43	0.42	0.41	0.13	0.12	0.12	31.00	30.77	29.17	41.39	41.16	39.02	217.48	217.26	206.05
2025-09-08	0.96	0.96	0.93	0.46	0.46	0.45	0.09	0.09	0.09	0.53	0.53	0.51	0.43	0.42	0.41	0.13	0.12	0.11	34.58	34.27	32.44	44.97	44.66	42.29	221.07	220.75	209.32
2025-09-09	0.95	0.94	0.92	0.45	0.45	0.44	0.09	0.09	0.09	0.53	0.52	0.51	0.42	0.41	0.40	0.12	0.12	0.11	31.28	31.35	29.58	41.67	41.73	39.43	217.77	217.83	206.46
2025-09-10	0.94	0.93	0.91	0.45	0.45	0.44	0.09	0.09	0.09	0.52	0.51	0.50	0.42	0.41	0.40	0.12	0.12	0.11	30.78	30.72	29.03	41.17	41.10	38.88	217.27	217.20	205.91
2025-09-11	0.94	0.93	0.91	0.45	0.45	0.44	0.09	0.09	0.08	0.52	0.51	0.50	0.42	0.41	0.40	0.12	0.12	0.11	30.37	30.31	28.68	40.76	40.70	38.53	216.85	216.79	205.56
2025-09-12	0.94	0.94	0.91	0.45	0.45	0.44	0.09	0.09	0.09	0.52	0.51	0.50	0.42	0.41	0.40	0.12	0.12	0.11	30.03	29.97	28.39	40.41	40.36	38.24	216.51	216.46	205.27
2025-09-13	0.93	0.92	0.90	0.44	0.44	0.43	0.09	0.09	0.08	0.52	0.51	0.50	0.41	0.40	0.39	0.12	0.11	0.11	29.74	29.69	28.14	40.13	40.08	37.99	216.22	216.17	205.02
2025-09-14	0.92	0.91	0.89	0.44	0.44	0.43	0.09	0.09	0.08	0.51	0.50	0.49	0.41	0.40	0.39	0.12	0.11	0.11	29.50	29.45	27.93	39.88	39.84	37.78	215.98	215.93	204.81
2025-09-15	0.91	0.90	0.89	0.44	0.43	0.42	0.09	0.09	0.08	0.51	0.50	0.49	0.40	0.39	0.39	0.12	0.11	0.11	20.09	20.05	19.03	29.00	28.96	27.48	156.23	156.19	148.15
2025-09-16	0.90	0.90	0.88	0.43	0.43	0.42	0.09	0.08	0.08	0.50	0.49	0.48	0.40	0.39	0.38	0.12	0.11	0.11	19.91	19.87	18.87	28.82	28.78	27.32	156.05	156.01	148.00
2025-09-17	0.89	0.89	0.87	0.43	0.43	0.42	0.09	0.08	0.08	0.50	0.49	0.48	0.39	0.39	0.38	0.12	0.11	0.11	20.33	20.25	19.22	29.23	29.16	27.67	156.46	156.39	148.35
2025-09-18	0.88	0.88	0.86	0.42	0.42	0.41	0.08	0.08	0.08	0.49	0.48	0.47	0.39	0.38	0.38	0.12	0.11	0.11	22.58	22.38	21.24	31.49	31.28	29.69	158.72	158.51	150.36
2025-09-19	0.87	0.87	0.86	0.42	0.42	0.41	0.08	0.08	0.08	0.49	0.48	0.47	0.39	0.38	0.37	0.12	0.11	0.11	22.43	22.34	21.19	31.34	31.25	29.64	158.57	158.48	150.32
2025-09-20	0.87	0.86	0.85	0.42	0.41	0.41	0.08	0.08	0.08	0.48	0.47	0.47	0.38	0.38	0.37	0.11	0.11	0.10	21.52	21.48	20.38	30.43	30.38	28.83	157.66	157.61	149.50
2025-09-21	0.86	0.86	0.84	0.41	0.41	0.40	0.08	0.08	0.08	0.48	0.47	0.46	0.38	0.37	0.37	0.11	0.11	0.10	21.12	21.06	20.00	30.03	29.97	28.45	157.26	157.20	149.13
2025-09-22	0.85	0.85	0.84	0.41	0.41	0.40	0.08	0.08	0.08	0.48	0.47	0.46	0.38	0.37	0.36	0.11	0.10	0.10	21.19	21.11	20.05	30.09	30.01	28.50	157.32	157.24	149.17
2025-09-23	0.85	0.85	0.83	0.41	0.41	0.40	0.08	0.08	0.08	0.47	0.46	0.46	0.38	0.37	0.36	0.11	0.10	0.10	21.67	21.56	20.47	30.57	30.47	28.92	157.80	157.70	149.59
2025-09-24	0.84	0.84	0.83	0.40	0.40	0.40	0.08	0.08	0.08	0.47	0.46	0.45	0.37	0.37	0.36	0.11	0.10	0.10	22.90	22.73	21.56	31.81	31.64	30.01	159.04	158.87	150.69
2025-09-25	0.83	0.83	0.82	0.40	0.40	0.39	0.08	0.08	0.08	0.47	0.46	0.45	0.37	0.36	0.36	0.11	0.10	0.10	23.70	23.54	22.33	32.61	32.44	30.77	159.84	159.67	151.45
2025-09-26	0.83	0.83	0.82	0.40	0.40	0.39	0.08	0.08	0.08	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	22.79	22.72	21.57	31.70	31.63	30.02	158.93	158.86	150.69
2025-09-27	0.82	0.82	0.81	0.40	0.40	0.39	0.08	0.08	0.08	0.46	0.45	0.45	0.37	0.36	0.35	0.11	0.10	0.10	22.15	22.08	20.98	31.05	30.98	29.43	158.28	158.21	150.11
2025-09-28	0.82	0.82	0.81	0.39	0.39	0.39	0.08	0.08	0.08	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	25.46	25.13	23.88	34.37	34.04	32.33	161.60	161.27	153.00
2025-09-29	0.81	0.81	0.81	0.39	0.39	0.39	0.08	0.08	0.08	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	34.03	32.83	31.67	42.94	41.74	40.12	170.17	168.97	160.80
2025-09-30	1.09	1.06	1.09	0.52	0.50	0.51	0.10	0.08	0.08	0.61	0.60	0.61	0.48	0.47	0.48	0.14	0.13	0.14	30.91	29.93	29.49	39.82	38.84	37.94	167.05	166.07	158.61
2025-10-01	1.45	1.42	1.47	0.70	0.66	0.69	0.14	0.11	0.11	0.81	0.80	0.83	0.65	0.63	0.66	0.19	0.18	0.19	28.75	28.33	28.11	37.65	37.24	36.87	164.88	164.47	161.94
2025-10-02	1.82	1.77	1.68	0.87	0.82	0.79	0.17	0.13	0.13	1.02	1.00	0.94	0.81	0.79	0.74	0.24	0.22	0.21									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2025-10-31	2.97	2.88	2.50	1.42	1.34	1.18	0.28	0.20	0.21	1.66	1.62	1.39	1.32	1.29	1.10	0.39	0.36	0.31	18.75	18.72	18.41	26.67	26.64	26.20	135.73	135.70	133.40
2025-11-01	2.70	2.59	2.31	1.30	1.18	1.10	0.26	0.14	0.20	1.51	1.48	1.28	1.20	1.17	1.02	0.36	0.33	0.29	18.71	18.70	18.61	26.63	26.62	26.50	135.69	135.68	135.18
2025-11-02	2.48	2.45	2.15	1.19	1.16	1.02	0.24	0.20	0.18	1.39	1.36	1.19	1.10	1.08	0.95	0.33	0.30	0.27	18.67	18.64	18.57	26.59	26.56	26.46	135.65	135.62	135.14
2025-11-03	2.30	2.26	2.01	1.10	1.07	0.95	0.22	0.18	0.17	1.28	1.26	1.12	1.02	1.00	0.89	0.30	0.28	0.25	18.63	18.60	18.53	26.55	26.52	26.42	135.61	135.58	135.10
2025-11-04	2.14	2.12	1.90	1.03	1.01	0.90	0.21	0.18	0.17	1.20	1.17	1.05	0.95	0.93	0.83	0.28	0.26	0.24	18.59	18.56	18.49	26.51	26.48	26.38	135.57	135.54	135.06
2025-11-05	2.01	1.98	1.79	0.96	0.94	0.85	0.19	0.17	0.15	1.12	1.10	0.99	0.89	0.87	0.79	0.26	0.25	0.22	18.56	18.53	18.46	26.48	26.45	26.35	135.54	135.51	135.03
2025-11-06	1.89	1.86	1.70	0.91	0.88	0.80	0.18	0.15	0.14	1.06	1.04	0.94	0.84	0.82	0.75	0.25	0.23	0.21	18.53	18.50	18.43	26.45	26.42	26.32	135.51	135.48	135.00
2025-11-07	1.84	1.82	1.67	0.88	0.86	0.79	0.18	0.15	0.14	1.03	1.01	0.93	0.82	0.80	0.74	0.24	0.23	0.21	18.50	18.48	18.41	26.42	26.40	26.30	135.48	135.46	134.98
2025-11-08	2.56	2.47	2.39	1.23	1.14	1.10	0.25	0.15	0.14	1.43	1.40	1.36	1.14	1.11	1.08	0.34	0.31	0.31	18.48	18.45	18.38	26.40	26.37	26.27	135.46	135.43	134.95
2025-11-09	5.72	5.38	5.36	2.74	2.40	2.39	0.55	0.21	0.20	3.19	3.13	3.13	2.54	2.48	2.48	0.75	0.70	0.70	18.45	18.43	18.36	26.37	26.35	26.26	135.43	135.41	134.93
2025-11-10	6.61	6.49	6.66	3.17	3.05	3.13	0.63	0.52	0.52	3.69	3.62	3.72	2.93	2.87	2.95	0.87	0.81	0.84	18.43	18.40	18.34	26.35	26.33	26.23	135.41	135.39	134.91
2025-11-11	5.41	5.45	5.69	2.60	2.64	2.75	0.52	0.56	0.57	3.02	2.97	3.11	2.40	2.36	2.47	0.71	0.67	0.70	18.41	18.38	18.32	26.33	26.30	26.21	135.39	135.36	134.89
2025-11-12	6.65	8.00	7.07	3.19	4.54	3.30	0.64	1.99	0.51	3.71	3.67	3.98	2.95	2.91	3.16	0.88	0.84	0.89	18.39	18.37	18.30	26.31	26.29	26.19	135.37	135.35	134.87
2025-11-13	7.47	6.75	9.34	3.59	2.87	5.11	0.72	0.00	1.99	4.17	4.09	4.48	3.32	3.24	3.55	0.98	0.92	1.02	18.38	18.37	18.30	26.31	26.29	26.20	135.37	135.35	134.87
2025-11-14	5.83	5.27	5.63	2.80	2.24	2.39	0.56	0.00	0.00	3.25	3.19	3.41	2.59	2.53	2.70	0.77	0.71	0.76	18.39	18.39	18.33	26.31	26.31	26.22	135.37	135.37	134.90
2025-11-15	4.91	4.44	4.69	2.36	1.88	1.99	0.47	0.00	0.00	2.74	2.69	2.84	2.18	2.13	2.25	0.65	0.60	0.64	17.97	17.96	17.91	26.20	26.19	26.10	116.98	116.97	116.57
2025-11-16	4.23	4.17	4.17	2.03	1.98	1.87	0.41	0.35	0.16	2.36	2.32	2.43	1.88	1.84	1.93	0.56	0.52	0.54	17.95	17.93	17.88	26.18	26.16	26.07	116.96	116.95	116.54
2025-11-17	3.71	3.68	3.85	1.78	1.75	1.83	0.36	0.33	0.34	2.07	2.03	2.12	1.65	1.61	1.68	0.49	0.45	0.47	17.93	17.91	17.86	26.16	26.14	26.05	116.95	116.92	116.52
2025-11-18	3.30	3.27	3.40	1.59	1.56	1.62	0.32	0.29	0.30	1.84	1.81	1.88	1.47	1.43	1.49	0.44	0.40	0.42	17.92	17.89	17.84	26.14	26.12	26.04	116.93	116.91	116.50
2025-11-19	2.98	2.94	3.05	1.43	1.40	1.45	0.29	0.25	0.26	1.66	1.63	1.69	1.32	1.29	1.34	0.39	0.36	0.38	17.90	17.88	17.83	26.13	26.11	26.03	116.91	116.90	116.49
2025-11-20	2.71	2.68	2.76	1.30	1.27	1.31	0.26	0.22	0.23	1.51	1.48	1.53	1.20	1.18	1.21	0.36	0.33	0.34	17.89	17.87	17.81	26.11	26.09	26.01	116.90	116.88	116.47
2025-11-21	2.76	2.70	2.79	1.33	1.27	1.31	0.26	0.21	0.21	1.54	1.51	1.56	1.23	1.20	1.24	0.36	0.34	0.35	17.87	17.84	17.79	26.10	26.07	25.98	116.89	116.85	116.45
2025-11-22	4.27	4.08	4.29	2.05	1.86	1.95	0.41	0.22	0.23	2.38	2.34	2.46	1.90	1.86	1.95	0.56	0.53	0.55	17.86	17.83	17.77	26.09	26.05	25.97	116.87	116.84	116.44
2025-11-23	5.45	5.26	5.57	2.61	2.43	2.57	0.52	0.33	0.35	3.04	2.98	3.16	2.42	2.37	2.51	0.72	0.67	0.71	17.85	17.82	17.76	26.08	26.05	25.96	116.86	116.83	116.43
2025-11-24	4.06	4.08	4.28	1.95	1.97	2.07	0.39	0.41	0.43	2.27	2.23	2.34	1.80	1.77	1.85	0.53	0.50	0.52	17.84	17.81	17.75	26.06	26.04	25.95	116.85	116.82	116.42
2025-11-25	3.58	3.54	3.69	1.72	1.68	1.75	0.34	0.30	0.32	2.00	1.96	2.05	1.59	1.56	1.62	0.47	0.44	0.46	17.83	17.80	17.75	26.05	26.03	25.94	116.84	116.81	116.41
2025-11-26	3.20	3.16	3.28	1.54	1.49	1.55	0.31	0.27	0.28	1.78	1.75	1.82	1.42	1.39	1.44	0.42	0.39	0.41	17.81	17.79	17.74	26.04	26.02	25.93	116.83	116.80	116.40
2025-11-27	2.89	2.86	2.96	1.39	1.36	1.40	0.28	0.24	0.25	1.61	1.58	1.64	1.28	1.26	1.30	0.38	0.36	0.37	17.80	17.78	17.73	26.03	26.01	25.93	116.82	116.80	116.39
2025-11-28	2.64	2.61	2.69	1.27	1.24	1.28	0.25	0.22	0.23	1.47	1.45	1.49	1.17	1.15	1.18	0.35	0.32	0.33	17.80	17.77	17.72	26.02	26.00	25.92	116.81	116.79	116.38
2025-11-29	2.43	2.41	2.48	1.17	1.15	1.18	0.23	0.21	0.22	1.36	1.33	1.37	1.08	1.06	1.09	0.32	0.30	0.31	17.79	17.76	17.71	26.01	25.99	25.90	116.80	116.78	116.37
2025-11-30	2.25	2.23	2.29	1.08	1.06	1.09	0.22	0.19	0.20	1.26	1.24	1.27	1.00	0.98	1.01	0.30	0.28	0.28	17.78	17.76	17.70	26.00	25.99	25.90	116.79	116.77	116.37
2025-12-01	2.10	2.08	2.13	1.01	0.98	1.01	0.20	0.18	0.18	1.17	1.15	1.18	0.93	0.91	0.94	0.28	0.26	0.26	17.77	17.76	17.77	26.00	25.98	26.01	116.78	116.77	116.90
2025-12-02	1.98	1.95	1.99	0.95	0.92	0.94	0.19	0.17	0.17	1.10	1.08	1.11	0.88	0.86	0.88	0.26	0.24	0.25	17.76	17.75	17.77	25.99	25.98	26.00	116.77	116.76	116.89
2025-12-03	1.86	1.85	1.88	0.89	0.88	0.90	0.18	0.16	0.17	1.04	1.02	1.04	0.83	0.81	0.83	0.25	0.23	0.23	17.75	17.74	17.75	25.98	25.96	25.99	116.77	116.75	116.88
2025-12-04	1.77	1.75	1.79	0.85	0.83	0.85	0.17	0.16	0.16	0.99	0.97	0.99	0.78	0.77	0.78	0.23	0.22	0.22	17.75	17.72	17.74	25.97	25.95	25.98	116.76	116.74	116.86
2025-12-05	1.68	1.67	1.69	0.81	0.79	0.81	0.16	0.15	0.15	0.94	0.92	0.94	0.75	0.73	0.74	0.22	0.21	0.21	17.74	17.71	17.73	25.97	25.94	25.97	116.75	116.72	116.85
2025-12-06	1.60	1.59	1.62	0.77	0.76	0.77	0.15	0.14	0.14	0.89	0.88	0.89	0.71	0.70	0.71	0.21	0.20	0.20	17.73	17.70	17.72	25.96	25.93	25.96	116.75	116.72	116.84
2025-12-07	1.54	1.52	1.54	0.74	0.72	0.73	0.15	0.13	0.14	0.86	0.84	0.85	0.68	0.67	0.68	0.20	0.19	0.19	17.73	17.70	17.71	25.95	25.92	25.95	116.74	116.71	116.84
2025-12-08	1.48	1.47	1.49	0.71	0.70	0.71	0.14	0.13	0.13	0.82	0.81	0.82	0.66	0.64	0.65	0.19	0.18	0.18	17.72	17.69	17.71	25.95	25.92	25.94	116.73	116.70	116.83
2025-12-09	1.42	1.41	1.43	0.68	0.67	0.68	0.14	0.13	0.13	0.79	0.78	0.79	0.63	0.62	0.63	0.19	0.17	0.18	17.72	17.69	17.71	25.94	25.91	25.94	116.73	116.70	116.83
2025-12-10	1.37	1.36	1.38	0.66	0.65	0.66	0.13	0.12	0.12	0.77	0.75	0.76	0.61	0.60	0.60	0.18	0.17	0.17	17.72	17.69	17.71	25.94	25.92	25.95	116.73	116.70	116.83
2025-12-11	1.33	1.32	1.33	0.64	0.63	0.64	0.13	0.12	0.12	0.74	0.73	0.74	0.59	0.58	0.58	0.17	0.16	0.17	17.72	17.70	17.71	25.95	25.92	25.95	116.73	116.71	116.84
2025-12-12	1.29	1.27	1.28	0.62	0.60	0.61	0.12	0.11	0.11	0.72	0.71	0.71	0.57	0.56	0.57	0.17	0.16	0.16									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026-01-10	0.84	0.83	0.83	0.40	0.39	0.39	0.08	0.07	0.07	0.47	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.03	13.01	13.06	18.98	18.96	19.02	79.09	79.08	79.17
2026-01-11	0.83	0.83	0.84	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	12.83	12.82	12.83	18.79	18.77	18.79	78.90	78.89	78.94
2026-01-12	0.84	0.83	0.89	0.40	0.40	0.42	0.08	0.08	0.08	0.47	0.46	0.49	0.37	0.36	0.39	0.11	0.10	0.11	12.82	12.80	12.80	18.77	18.75	18.76	78.88	78.86	78.91
2026-01-13	0.83	0.83	0.85	0.40	0.40	0.41	0.08	0.08	0.08	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.10	12.82	12.79	12.80	18.77	18.75	18.75	78.89	78.86	78.91
2026-01-14	0.83	0.82	0.84	0.40	0.39	0.40	0.08	0.07	0.08	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	12.82	12.79	12.80	18.77	18.75	18.75	78.89	78.86	78.91
2026-01-15	0.82	0.82	0.83	0.40	0.39	0.40	0.08	0.07	0.08	0.46	0.45	0.46	0.37	0.36	0.36	0.11	0.10	0.10	10.54	10.52	10.52	16.62	16.60	16.60	70.33	70.30	70.35
2026-01-16	0.82	0.81	0.83	0.39	0.39	0.40	0.08	0.07	0.07	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	10.54	10.52	10.52	16.62	16.60	16.60	70.33	70.31	70.35
2026-01-17	0.85	0.84	0.85	0.41	0.40	0.40	0.08	0.07	0.07	0.47	0.46	0.47	0.38	0.37	0.37	0.11	0.10	0.11	10.54	10.52	10.52	16.62	16.60	16.61	70.33	70.31	70.35
2026-01-18	0.91	0.90	0.93	0.44	0.43	0.44	0.09	0.08	0.08	0.51	0.50	0.52	0.41	0.40	0.41	0.12	0.11	0.12	10.54	10.52	10.53	16.62	16.60	16.61	70.33	70.31	70.36
2026-01-19	0.83	0.82	0.84	0.40	0.39	0.40	0.08	0.08	0.08	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	10.55	10.53	10.53	16.62	16.61	16.61	70.33	70.32	70.36
2026-01-20	0.82	0.81	0.83	0.39	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	10.55	10.53	10.53	16.63	16.61	16.61	70.34	70.32	70.36
2026-01-21	0.82	0.81	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	10.55	10.53	10.53	16.63	16.61	16.61	70.34	70.32	70.36
2026-01-22	0.81	0.80	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.55	10.53	10.53	16.63	16.60	16.61	70.34	70.31	70.36
2026-01-23	0.81	0.80	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.55	10.53	10.53	16.63	16.61	16.61	70.34	70.32	70.36
2026-01-24	0.80	0.80	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.55	10.53	10.53	16.63	16.61	16.62	70.34	70.32	70.36
2026-01-25	0.80	0.79	0.81	0.38	0.37	0.38	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.54	10.54	16.63	16.61	16.62	70.34	70.32	70.37
2026-01-26	0.80	0.79	0.80	0.38	0.37	0.38	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.55	10.54	10.54	16.63	16.61	16.62	70.34	70.32	70.37
2026-01-27	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.07	0.07	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	10.56	10.54	10.54	16.63	16.62	16.62	70.34	70.33	70.37
2026-01-28	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	10.56	10.54	10.54	16.64	16.62	16.62	70.34	70.33	70.37
2026-01-29	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.56	10.54	10.54	16.64	16.62	16.62	70.35	70.32	70.37
2026-01-30	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.56	10.53	10.54	16.64	16.61	16.62	70.35	70.32	70.37
2026-01-31	0.80	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.56	10.54	10.54	16.64	16.62	16.62	70.35	70.33	70.37
2026-02-01	1.06	1.03	1.15	0.51	0.48	0.53	0.10	0.07	0.07	0.59	0.58	0.66	0.47	0.46	0.52	0.14	0.13	0.15	10.56	10.54	10.53	16.64	16.62	16.60	70.35	70.33	70.23
2026-02-02	1.55	1.50	1.90	0.74	0.69	0.87	0.15	0.10	0.11	0.87	0.85	1.08	0.69	0.67	0.86	0.20	0.19	0.24	10.56	10.54	10.54	16.64	16.62	16.61	70.35	70.33	70.25
2026-02-03	1.48	1.47	1.95	0.71	0.70	0.92	0.14	0.13	0.16	0.83	0.81	1.09	0.66	0.65	0.86	0.20	0.18	0.24	10.56	10.55	10.57	16.64	16.63	16.64	70.35	70.33	70.27
2026-02-04	1.91	1.85	2.52	0.92	0.86	1.16	0.18	0.12	0.16	1.07	1.05	1.43	0.85	0.83	1.14	0.25	0.24	0.32	10.56	10.55	10.53	16.64	16.62	16.60	70.35	70.33	70.24
2026-02-05	1.89	1.87	2.49	0.91	0.89	1.18	0.18	0.16	0.21	1.06	1.04	1.38	0.84	0.82	1.09	0.25	0.23	0.31	10.57	10.55	10.53	16.64	16.63	16.60	70.35	70.34	70.23
2026-02-06	1.37	1.38	1.89	0.66	0.67	0.91	0.13	0.14	0.18	0.76	0.75	1.04	0.61	0.60	0.82	0.18	0.17	0.23	10.57	10.55	10.53	16.65	16.63	16.60	70.35	70.34	70.23
2026-02-07	1.39	1.37	1.90	0.67	0.64	0.89	0.13	0.11	0.15	0.78	0.76	1.06	0.62	0.61	0.84	0.18	0.17	0.24	10.57	10.55	10.53	16.65	16.63	16.60	70.36	70.34	70.24
2026-02-08	1.41	1.41	1.98	0.68	0.67	0.94	0.14	0.13	0.17	0.79	0.77	1.10	0.63	0.61	0.87	0.19	0.17	0.25	10.57	10.55	10.53	16.65	16.63	16.60	70.36	70.34	70.24
2026-02-09	1.37	1.35	1.90	0.66	0.64	0.90	0.13	0.11	0.16	0.76	0.75	1.06	0.61	0.59	0.84	0.18	0.17	0.24	10.57	10.55	10.53	16.65	16.63	16.60	70.36	70.34	70.24
2026-02-10	1.32	1.31	1.79	0.64	0.62	0.84	0.13	0.11	0.15	0.74	0.73	1.00	0.59	0.58	0.79	0.17	0.16	0.22	10.57	10.55	10.53	16.65	16.63	16.60	70.36	70.34	70.23
2026-02-11	1.28	1.27	1.70	0.62	0.60	0.80	0.12	0.11	0.14	0.72	0.70	0.95	0.57	0.56	0.75	0.17	0.16	0.21	10.57	10.55	10.53	16.65	16.63	16.60	70.36	70.34	70.24
2026-02-12	1.25	1.23	1.65	0.60	0.58	0.78	0.12	0.10	0.13	0.70	0.68	0.92	0.55	0.54	0.73	0.16	0.15	0.21	10.57	10.55	10.53	16.65	16.63	16.60	70.36	70.34	70.24
2026-02-13	1.21	1.20	1.61	0.58	0.57	0.76	0.12	0.10	0.14	0.68	0.67	0.89	0.54	0.53	0.71	0.16	0.15	0.20	10.57	10.55	10.56	16.65	16.63	16.63	70.36	70.34	70.27
2026-02-14	1.19	1.17	1.54	0.57	0.56	0.73	0.11	0.10	0.13	0.66	0.65	0.86	0.53	0.52	0.68	0.16	0.15	0.19	10.57	10.56	10.60	16.65	16.64	16.67	70.36	70.34	70.31
2026-02-15	1.18	1.17	1.56	0.57	0.55	0.73	0.11	0.10	0.12	0.66	0.65	0.87	0.53	0.51	0.69	0.16	0.15	0.20	10.64	10.62	10.61	15.59	15.57	15.55	66.37	66.35	66.26
2026-02-16	1.17	1.16	1.57	0.56	0.55	0.74	0.11	0.10	0.13	0.65	0.64	0.87	0.52	0.51	0.69	0.15	0.14	0.20	10.65	10.62	10.60	15.60	15.57	15.55	66.37	66.35	66.25
2026-02-17	1.14	1.13	1.50	0.55	0.53	0.71	0.11	0.10	0.12	0.64	0.63	0.84	0.51	0.50	0.66	0.15	0.14	0.19	10.65	10.63	10.60	15.60	15.58	15.55	66.37	66.36	66.26
2026-02-18	1.13	1.11	1.48	0.54	0.53	0.70	0.11	0.09	0.12	0.63	0.62	0.83	0.50	0.49	0.66	0.15	0.14	0.19	10.65	10.63	10.61	15.60	15.58	15.55	66.38	66.36	66.26
2026-02-19	1.11	1.10	1.48	0.53	0.52	0.70	0.11	0.09	0.12	0.62	0.61	0.83	0.49	0.48	0.66	0.15	0.14	0.19	10.65	10.63	10.61	15.60	15.58	15.55	66.38	66.36	66.26
2026-02-20	1.09	1.08	1.44	0.52	0.51	0.68	0.10	0.09	0.12	0.61	0.60	0.80	0.48	0.47	0.64	0.14	0.13	0.18	10.65	10.63	10.61	15.60	15.58	15.55	66.38	66.36	66.26
2026-02-21	1.07	1.06	1.39	0.51	0.50	0.66	0.10	0.09	0.12	0.60	0.59	0.77	0.48	0.47	0.61	0.14	0.13	0.17	10.65	10.63	10.61	15.60	15.58	15.55	66.38	66.36	66.26

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026-03-22	0.81	0.82	1.16	0.39	0.39	0.57	0.08	0.08	0.13	0.45	0.45	0.63	0.36	0.35	0.50	0.11	0.10	0.14	13.15	13.11	21.48	19.54	19.50	31.94	79.00	78.96	129.36
2026-03-23	0.82	0.82	1.10	0.40	0.39	0.52	0.08	0.07	0.09	0.46	0.45	0.61	0.37	0.36	0.48	0.11	0.10	0.14	13.09	13.05	21.28	19.48	19.44	31.75	78.94	78.91	129.17
2026-03-24	0.87	0.86	1.23	0.42	0.41	0.58	0.08	0.07	0.09	0.48	0.47	0.69	0.38	0.38	0.55	0.11	0.11	0.15	13.04	13.00	21.11	19.43	19.39	31.58	78.89	78.86	129.00
2026-03-25	0.82	0.81	1.12	0.39	0.39	0.53	0.08	0.07	0.10	0.45	0.45	0.62	0.36	0.35	0.49	0.11	0.10	0.14	12.99	12.96	20.96	19.38	19.35	31.43	78.85	78.81	128.85
2026-03-26	0.81	0.80	1.09	0.39	0.38	0.51	0.08	0.07	0.09	0.45	0.44	0.60	0.36	0.35	0.48	0.11	0.10	0.14	12.95	12.92	20.84	19.34	19.31	31.30	78.80	78.77	128.72
2026-03-27	0.81	0.80	1.07	0.39	0.38	0.51	0.08	0.07	0.09	0.45	0.44	0.59	0.36	0.35	0.47	0.11	0.10	0.13	12.91	12.88	20.72	19.30	19.27	31.19	78.76	78.73	128.61
2026-03-28	0.80	0.80	1.05	0.39	0.38	0.50	0.08	0.07	0.09	0.45	0.44	0.58	0.36	0.35	0.46	0.11	0.10	0.13	12.89	12.86	20.77	19.28	19.25	31.24	78.74	78.71	128.66
2026-03-29	0.96	0.94	1.15	0.46	0.44	0.54	0.09	0.07	0.09	0.54	0.53	0.64	0.43	0.42	0.51	0.13	0.12	0.14	12.89	12.86	21.00	19.27	19.25	31.47	78.74	78.72	128.89
2026-03-30	1.31	1.30	1.90	0.63	0.62	0.89	0.13	0.11	0.14	0.73	0.72	1.07	0.58	0.57	0.85	0.17	0.16	0.24	12.92	12.90	21.28	19.31	19.29	31.74	78.77	78.75	129.16
2026-03-31	1.28	1.29	2.08	0.62	0.62	0.99	0.12	0.13	0.19	0.72	0.70	1.15	0.57	0.56	0.91	0.17	0.16	0.26	13.02	13.00	21.72	19.41	19.39	32.19	78.88	78.85	129.61
2026-04-01	1.15	1.17	2.40	0.55	0.57	1.13	0.11	0.13	0.20	0.64	0.63	1.33	0.51	0.50	1.06	0.15	0.14	0.30	13.39	13.35	30.66	19.78	19.74	45.56	79.24	79.21	184.20
2026-04-02	1.05	1.04	4.20	0.50	0.50	1.91	0.10	0.09	0.22	0.58	0.57	2.41	0.47	0.46	1.91	0.14	0.13	0.54	13.88	13.84	32.88	20.27	20.23	47.78	79.74	79.69	186.42
2026-04-03	2.02	1.91	10.88	0.97	0.86	4.91	0.19	0.09	0.50	1.13	1.11	6.29	0.90	0.88	4.99	0.27	0.25	1.41	14.00	13.97	34.01	20.39	20.36	48.90	79.86	79.83	187.54
2026-04-04	3.19	3.04	19.62	1.53	1.38	9.10	0.31	0.15	1.33	1.78	1.75	11.09	1.42	1.39	8.80	0.42	0.39	2.49	14.32	14.26	35.58	20.71	20.65	50.48	80.17	80.12	189.12
2026-04-05	2.55	2.54	18.07	1.23	1.22	8.82	0.24	0.24	1.99	1.42	1.40	9.75	1.13	1.11	7.74	0.34	0.31	2.19	15.29	15.19	38.09	21.68	21.58	52.99	81.14	81.04	191.63
2026-04-06	2.03	2.02	12.82	0.97	0.96	6.28	0.19	0.18	1.45	1.13	1.11	6.90	0.90	0.88	5.47	0.27	0.25	1.55	16.01	15.89	40.34	22.40	22.28	55.24	81.87	81.75	193.88
2026-04-07	1.91	1.88	9.43	0.92	0.89	4.18	0.18	0.15	0.31	1.07	1.05	5.53	0.85	0.83	4.38	0.25	0.24	1.24	15.97	15.88	40.42	22.36	22.27	55.32	81.82	81.73	193.96
2026-04-08	1.81	1.78	8.50	0.87	0.84	3.92	0.17	0.14	0.55	1.01	0.99	4.82	0.80	0.79	3.82	0.24	0.22	1.08	15.44	15.35	37.49	21.83	21.74	52.39	81.29	81.21	191.02
2026-04-09	1.72	1.69	8.16	0.82	0.80	3.82	0.16	0.14	0.61	0.96	0.94	4.58	0.76	0.75	3.63	0.23	0.21	1.03	15.08	15.00	35.32	21.47	21.39	50.22	80.94	80.85	188.86
2026-04-10	1.64	1.61	7.87	0.79	0.76	3.67	0.16	0.13	0.57	0.91	0.90	4.43	0.73	0.71	3.51	0.22	0.20	1.00	14.87	14.79	34.92	21.26	21.18	49.82	80.72	80.64	188.46
2026-04-11	1.58	1.55	7.91	0.76	0.73	3.69	0.15	0.13	0.58	0.88	0.87	4.45	0.70	0.69	3.53	0.21	0.19	1.00	14.67	14.60	35.03	21.06	20.99	49.93	80.53	80.46	188.57
2026-04-12	1.55	1.53	8.37	0.74	0.73	3.91	0.15	0.14	0.61	0.86	0.85	4.71	0.69	0.67	3.74	0.20	0.19	1.06	14.44	14.38	36.16	20.83	20.77	51.06	80.29	80.23	189.70
2026-04-13	1.50	1.49	8.78	0.72	0.71	4.10	0.14	0.13	0.64	0.84	0.82	4.94	0.67	0.65	3.92	0.20	0.19	1.11	14.24	14.18	34.69	20.63	20.57	49.59	80.09	80.03	188.23
2026-04-14	1.45	1.43	9.00	0.69	0.68	4.20	0.14	0.12	0.66	0.81	0.79	5.06	0.64	0.63	4.01	0.19	0.18	1.14	14.06	14.01	34.51	20.45	20.40	49.40	79.92	79.86	188.04
2026-04-15	1.39	1.39	8.27	0.67	0.66	3.51	0.13	0.12	0.00	0.78	0.76	5.01	0.62	0.61	3.97	0.18	0.17	1.12	27.67	27.62	65.24	39.15	39.09	91.99	163.29	163.24	381.44
2026-04-16	1.35	1.33	8.18	0.65	0.63	3.56	0.13	0.11	0.15	0.75	0.74	4.87	0.60	0.59	3.86	0.18	0.17	1.09	27.54	27.48	64.26	39.01	38.96	91.01	163.16	163.11	380.46
2026-04-17	1.31	1.29	8.60	0.63	0.61	4.02	0.13	0.11	0.64	0.73	0.72	4.83	0.58	0.57	3.83	0.17	0.16	1.08	27.42	27.37	63.79	38.89	38.84	90.54	163.04	162.99	379.99
2026-04-18	1.33	1.31	9.08	0.64	0.62	4.23	0.13	0.11	0.65	0.74	0.73	5.12	0.59	0.58	4.06	0.17	0.16	1.15	27.31	27.27	63.07	38.79	38.74	89.83	162.94	162.89	379.28
2026-04-19	1.47	1.46	10.20	0.70	0.70	4.74	0.14	0.13	0.71	0.82	0.80	5.76	0.65	0.64	4.57	0.19	0.18	1.29	27.43	27.38	63.31	38.91	38.85	90.07	163.06	163.00	379.52
2026-04-20	1.86	1.83	12.88	0.89	0.86	6.62	0.18	0.15	1.99	1.04	1.02	6.62	0.83	0.81	5.26	0.25	0.23	1.50	28.22	28.14	64.88	39.70	39.62	91.63	163.84	163.77	381.08
2026-04-21	2.27	2.24	12.81	1.09	1.06	5.82	0.22	0.18	0.65	1.27	1.25	7.39	1.01	0.99	5.86	0.30	0.28	1.67	28.23	28.17	65.72	39.70	39.65	92.48	163.85	163.79	381.93
2026-04-22	2.46	2.43	12.64	1.18	1.16	5.48	0.24	0.21	0.19	1.37	1.35	7.55	1.09	1.07	5.99	0.32	0.30	1.69	27.90	27.84	64.52	39.37	39.31	91.27	163.52	163.46	380.72
2026-04-23	2.58	2.55	13.25	1.24	1.21	6.20	0.25	0.21	1.00	1.44	1.42	7.42	1.15	1.12	5.89	0.34	0.32	1.67	27.73	27.68	63.48	39.21	39.15	90.24	163.36	163.30	379.69
2026-04-24	2.63	2.60	12.31	1.26	1.23	5.82	0.25	0.22	1.03	1.47	1.44	6.84	1.17	1.15	5.42	0.35	0.33	1.54	27.59	27.54	63.06	39.07	39.02	89.82	163.22	163.16	379.27
2026-04-25	2.44	2.41	10.28	1.17	1.14	4.86	0.23	0.20	0.85	1.36	1.34	5.72	1.08	1.06	4.54	0.32	0.30	1.29	27.64	27.59	62.93	39.12	39.06	89.69	163.27	163.21	379.14
2026-04-26	2.26	2.22	8.73	1.08	1.04	4.11	0.22	0.18	0.69	1.26	1.24	4.87	1.00	0.98	3.87	0.30	0.28	1.10	28.01	27.97	63.00	39.49	39.44	89.75	163.64	163.59	379.20
2026-04-27	2.11	2.08	7.86	1.01	0.98	3.68	0.20	0.17	0.59	1.18	1.16	4.41	0.94	0.92	3.50	0.28	0.26	0.99	28.81	28.74	63.29	40.28	40.21	90.04	164.43	164.36	379.49
2026-04-28	1.99	1.97	7.23	0.95	0.93	3.38	0.19	0.17	0.54	1.11	1.09	4.06	0.88	0.86	3.22	0.26	0.25	0.91	29.62	29.52	63.67	41.09	41.00	90.42	165.24	165.14	379.87
2026-04-29	2.00	1.96	7.73	0.96	0.92	3.57	0.19	0.15	0.50	1.12	1.10	4.39	0.89	0.87	3.48	0.26	0.25	0.98	29.60	29.54	63.77	41.08	41.02	90.52	165.23	165.17	379.97
2026-04-30	2.00	1.96	8.17	0.96	0.92	3.80	0.19	0.15	0.58	1.12	1.10	4.60	0.89	0.87	3.65	0.26	0.25	1.03	29.13	29.05	63.27	40.60	40.53	90.03	164.75	164.67	379.48
2026-05-01	1.89	1.86	7.16	0.91	0.88	3.36	0.18	0.15	0.56	1.05	1.04	4.00	0.84	0.82	3.17	0.25	0.23	0.90	28.79	28.71	63.15	40.26	40.18	89.48	164.41	164.33	379.11
2026-05-02	1.79	1.76	6.42	0.86	0.83	3.01	0.17	0.14	0.49	1.00	0.98	3.60	0.79	0.78	2.86	0.24	0.22	0.81	28.67	28.59	62.53	40.15	40.06	89.35	164.30	164.21	378.98
2026-05-03	1.76	1.73	6.13	0.85	0.81	2.86	0.17	0.14	0.44	0.98	0.97	3.45	0.78	0.77	2.74	0.23	0.22	0.78	28.93	28.85	62.54	40.					

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026-06-01	6.42	6.24	1.68	3.08	2.90	0.79	0.62	0.43	0.13	3.58	3.52	0.93	2.85	2.79	0.74	0.85	0.79	0.21	102.59	102.46	79.11	132.03	131.89	101.64	647.78	647.65	496.39
2026-06-02	6.19	6.03	1.60	2.97	2.81	0.75	0.59	0.43	0.13	3.45	3.39	0.89	2.75	2.69	0.71	0.82	0.76	0.20	102.04	101.94	78.69	131.47	131.37	101.22	647.22	647.13	495.97
2026-06-03	5.64	5.51	1.53	2.71	2.58	0.72	0.54	0.42	0.12	3.15	3.09	0.85	2.50	2.45	0.68	0.74	0.69	0.19	101.59	101.50	78.32	131.02	130.93	100.85	646.77	646.68	495.61
2026-06-04	5.10	5.00	1.47	2.45	2.34	0.69	0.49	0.38	0.12	2.85	2.80	0.82	2.27	2.22	0.65	0.67	0.63	0.18	101.21	101.13	78.02	130.65	130.57	100.55	646.40	646.32	495.31
2026-06-05	4.91	4.79	1.42	2.36	2.23	0.67	0.47	0.35	0.12	2.74	2.69	0.79	2.18	2.13	0.63	0.65	0.60	0.18	100.90	100.83	77.77	130.34	130.26	100.29	646.09	646.02	495.05
2026-06-06	5.12	4.96	1.39	2.46	2.30	0.65	0.49	0.34	0.11	2.86	2.80	0.77	2.27	2.23	0.61	0.67	0.63	0.17	100.64	100.57	77.55	130.07	130.01	100.07	645.83	645.76	494.83
2026-06-07	5.11	4.97	1.36	2.45	2.32	0.64	0.49	0.36	0.11	2.85	2.80	0.76	2.27	2.22	0.60	0.67	0.63	0.17	100.42	100.35	77.36	129.85	129.79	99.89	645.60	645.54	494.64
2026-06-08	4.66	4.56	1.32	2.24	2.14	0.62	0.45	0.35	0.11	2.60	2.55	0.73	2.07	2.03	0.58	0.61	0.57	0.16	100.22	100.16	77.19	129.66	129.60	99.72	645.41	645.35	494.48
2026-06-09	4.49	4.38	1.28	2.16	2.04	0.60	0.43	0.32	0.10	2.51	2.46	0.71	1.99	1.95	0.56	0.59	0.55	0.16	100.06	100.00	77.05	129.49	129.43	99.58	645.24	645.19	494.34
2026-06-10	5.08	4.91	1.31	2.44	2.26	0.62	0.49	0.31	0.10	2.84	2.79	0.73	2.26	2.21	0.58	0.67	0.63	0.16	99.91	99.86	76.92	129.34	129.29	99.45	645.10	645.04	494.21
2026-06-11	5.22	5.10	1.36	2.51	2.38	0.64	0.50	0.38	0.11	2.91	2.86	0.76	2.32	2.27	0.60	0.69	0.64	0.17	99.80	99.75	76.81	129.23	129.18	99.34	644.98	644.93	494.10
2026-06-12	4.48	4.41	1.31	2.15	2.08	0.62	0.43	0.36	0.11	2.50	2.46	0.73	1.99	1.95	0.58	0.59	0.55	0.16	99.70	99.65	76.72	129.13	129.08	99.24	644.88	644.84	494.00
2026-06-13	3.90	3.84	1.27	1.87	1.81	0.60	0.37	0.31	0.11	2.18	2.14	0.71	1.73	1.70	0.56	0.51	0.48	0.16	99.60	99.56	76.62	129.04	128.99	99.15	644.79	644.74	493.91
2026-06-14	3.45	3.39	1.24	1.66	1.60	0.59	0.33	0.27	0.10	1.93	1.89	0.69	1.53	1.50	0.55	0.45	0.43	0.15	99.52	99.48	76.55	128.96	128.91	99.08	644.71	644.67	493.83
2026-06-15	3.47	3.38	1.24	1.67	1.58	0.58	0.33	0.24	0.10	1.94	1.90	0.69	1.54	1.51	0.55	0.46	0.43	0.15	152.33	152.29	116.96	187.26	187.22	143.70	1003.12	1003.08	768.16
2026-06-16	3.45	3.37	1.24	1.66	1.58	0.59	0.33	0.25	0.11	1.93	1.89	0.69	1.53	1.50	0.55	0.46	0.43	0.16	152.25	152.21	116.89	187.18	187.14	143.63	1003.04	1003.00	768.09
2026-06-17	3.10	3.04	1.21	1.49	1.43	0.57	0.30	0.24	0.10	1.73	1.70	0.67	1.38	1.35	0.53	0.41	0.38	0.15	152.18	152.14	116.83	187.11	187.07	143.57	1002.97	1002.93	768.03
2026-06-18	3.13	3.05	1.20	1.50	1.42	0.57	0.30	0.22	0.10	1.74	1.71	0.67	1.39	1.36	0.53	0.41	0.38	0.15	152.11	152.08	116.78	187.05	187.01	143.52	1002.91	1002.87	767.98
2026-06-19	5.33	5.04	1.88	2.56	2.27	0.86	0.51	0.23	0.10	2.97	2.92	1.08	2.37	2.32	0.85	0.70	0.65	0.24	174.78	173.18	130.45	209.71	208.11	157.19	1025.57	1023.97	781.65
2026-06-20	7.26	6.96	2.88	3.49	3.19	1.32	0.70	0.40	0.16	4.05	3.98	1.65	3.23	3.16	1.31	0.96	0.89	0.37	230.54	228.53	164.45	265.48	263.46	191.18	1081.34	1079.32	815.64
2026-06-21	5.13	5.12	1.92	2.46	2.46	0.94	0.49	0.49	0.21	2.86	2.81	1.04	2.28	2.23	0.82	0.68	0.63	0.23	186.03	185.67	140.48	220.97	220.61	167.22	1036.83	1036.47	791.68
2026-06-22	4.42	4.34	1.76	2.12	2.05	0.83	0.42	0.35	0.14	2.46	2.42	0.98	1.96	1.92	0.78	0.58	0.54	0.22	172.53	172.98	133.10	207.46	207.92	159.84	1023.32	1023.78	784.30
2026-06-23	3.85	3.79	1.67	1.85	1.78	0.79	0.37	0.30	0.13	2.15	2.11	0.93	1.71	1.68	0.74	0.51	0.47	0.21	166.05	166.59	127.35	200.98	201.52	154.09	1016.84	1017.38	778.55
2026-06-24	3.85	3.75	1.66	1.85	1.75	0.78	0.37	0.27	0.13	2.15	2.11	0.93	1.71	1.68	0.74	0.51	0.47	0.21	163.88	162.92	125.74	198.82	197.85	152.48	1014.68	1013.71	776.94
2026-06-25	3.95	3.85	1.66	1.89	1.79	0.78	0.38	0.28	0.13	2.20	2.16	0.92	1.75	1.72	0.73	0.52	0.49	0.21	162.28	161.94	124.54	197.21	196.87	151.28	1013.07	1012.73	775.73
2026-06-26	3.60	3.53	1.58	1.73	1.66	0.75	0.35	0.28	0.13	2.01	1.97	0.88	1.60	1.57	0.70	0.47	0.44	0.20	159.89	159.73	122.90	194.83	194.67	149.64	1010.69	1010.53	774.10
2026-06-27	3.21	3.16	1.52	1.54	1.49	0.72	0.31	0.25	0.12	1.79	1.76	0.84	1.43	1.40	0.67	0.42	0.40	0.19	158.25	158.11	121.73	193.19	193.04	148.47	1009.05	1008.90	772.93
2026-06-28	2.90	2.85	1.46	1.39	1.34	0.69	0.28	0.23	0.12	1.62	1.59	0.81	1.29	1.26	0.64	0.38	0.36	0.18	157.06	156.93	120.84	192.00	191.86	147.58	1007.86	1007.72	772.04
2026-06-29	2.65	2.60	1.40	1.27	1.23	0.66	0.25	0.21	0.11	1.48	1.45	0.78	1.18	1.15	0.62	0.35	0.33	0.18	156.16	156.05	120.15	191.10	190.98	146.89	1006.96	1006.84	771.35
2026-06-30	2.44	2.40	1.36	1.17	1.13	0.64	0.23	0.19	0.11	1.36	1.34	0.75	1.08	1.06	0.60	0.32	0.30	0.17	155.47	155.36	119.61	190.40	190.30	146.35	1006.26	1006.16	770.81
2026-07-01	2.26	2.22	1.31	1.09	1.05	0.62	0.22	0.18	0.11	1.26	1.24	0.73	1.00	0.98	0.58	0.30	0.28	0.16	154.91	154.82	118.81	189.85	189.75	146.18	1005.71	1005.61	770.13
2026-07-02	2.11	2.07	1.27	1.01	0.98	0.60	0.20	0.17	0.11	1.18	1.16	0.71	0.94	0.92	0.56	0.28	0.26	0.16	154.47	154.38	118.11	189.40	189.31	145.82	1005.26	1005.17	769.56
2026-07-03	1.98	1.95	1.24	0.95	0.92	0.58	0.19	0.16	0.10	1.11	1.09	0.69	0.88	0.86	0.54	0.26	0.24	0.15	154.10	154.01	117.41	189.03	188.95	145.52	1004.89	1004.81	768.96
2026-07-04	1.87	1.84	1.20	0.90	0.86	0.57	0.18	0.15	0.10	1.04	1.02	0.67	0.83	0.81	0.53	0.25	0.23	0.15	153.79	153.71	116.71	188.72	188.65	145.26	1004.58	1004.51	768.40
2026-07-05	1.77	1.74	1.17	0.85	0.82	0.55	0.17	0.14	0.10	0.99	0.97	0.65	0.79	0.77	0.52	0.23	0.22	0.15	153.65	153.57	116.01	188.58	188.50	145.11	1004.44	1004.36	767.94
2026-07-06	1.68	1.66	1.15	0.81	0.78	0.54	0.16	0.13	0.10	0.94	0.92	0.64	0.75	0.73	0.50	0.22	0.21	0.14	153.51	153.44	115.31	188.45	188.38	144.99	1004.31	1004.24	767.48
2026-07-07	1.61	1.58	1.12	0.77	0.75	0.53	0.15	0.13	0.09	0.90	0.88	0.62	0.71	0.70	0.49	0.21	0.20	0.14	153.29	153.23	114.61	188.23	188.16	144.80	1004.09	1004.02	767.02
2026-07-08	2.26	2.16	1.74	1.08	0.99	0.79	0.22	0.12	0.09	1.26	1.24	1.00	1.00	0.98	0.79	0.30	0.28	0.22	154.48	154.32	115.86	189.41	189.25	146.89	1005.27	1005.11	768.00
2026-07-09	4.44	4.20	3.43	2.13	1.89	1.55	0.43	0.18	0.16	2.48	2.43	1.99	1.97	1.93	1.58	0.58	0.55	0.45	157.10	156.83	118.26	192.03	191.76	148.29	1007.89	1007.62	769.60
2026-07-10	3.41	3.40	2.61	1.64	1.62	1.26	0.33	0.31	0.26	1.90	1.87	1.42	1.51	1.48	1.13	0.45	0.42	0.32	155.00	154.96	116.45	189.93	189.90	148.45	1005.79	1005.76	769.79
2026-07-11	2.98	2.94	2.17	1.43	1.39	1.03	0.29	0.24	0.19	1.67	1.64	1.21	1.33	1.30	0.96	0.39	0.37	0.27	154.53	154.44	115.99	189.47	189.38	148.02	1005.33	1005.24	769.33
2026-07-12	3.88	3.72	2.81	1.86	1.70	1.29	0.37	0.21	0.16	2.16	2.12	1.61	1.72	1.68	1.27	0.51	0.48	0.36	154.								

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026-08-11	1.33	1.31	1.23	0.64	0.62	0.58	0.13	0.11	0.10	0.74	0.73	0.68	0.59	0.58	0.54	0.18	0.16	0.15	71.29	71.23	63.58	93.17	93.11	83.11	560.16	560.09	500.03
2026-08-12	1.29	1.27	1.20	0.62	0.60	0.57	0.12	0.11	0.10	0.72	0.71	0.67	0.57	0.56	0.53	0.17	0.16	0.15	71.08	71.02	63.41	92.96	92.89	82.95	559.94	559.88	499.87
2026-08-13	1.25	1.24	1.17	0.60	0.59	0.56	0.12	0.11	0.10	0.70	0.69	0.65	0.56	0.55	0.51	0.17	0.15	0.15	70.89	70.83	63.27	92.77	92.71	82.80	559.75	559.70	499.73
2026-08-14	1.22	1.21	1.14	0.59	0.57	0.54	0.12	0.10	0.10	0.68	0.67	0.63	0.54	0.53	0.50	0.16	0.15	0.14	70.73	70.67	63.15	92.61	92.55	82.68	559.59	559.54	499.60
2026-08-15	1.91	1.83	1.66	0.92	0.83	0.76	0.18	0.10	0.10	1.07	1.05	0.95	0.85	0.83	0.75	0.25	0.23	0.21	31.92	31.87	28.52	43.49	43.44	38.85	242.99	242.94	216.96
2026-08-16	4.05	3.82	3.29	1.94	1.72	1.48	0.39	0.16	0.15	2.26	2.22	1.91	1.80	1.76	1.51	0.53	0.50	0.43	31.80	31.75	28.42	43.37	43.32	38.75	242.86	242.82	216.86
2026-08-17	3.25	3.23	2.73	1.56	1.54	1.30	0.31	0.29	0.25	1.81	1.78	1.50	1.44	1.41	1.19	0.43	0.40	0.34	31.69	31.64	28.33	43.26	43.21	38.66	242.75	242.71	216.77
2026-08-18	2.58	2.57	2.20	1.24	1.22	1.05	0.25	0.23	0.20	1.44	1.42	1.21	1.15	1.12	0.96	0.34	0.32	0.27	31.59	31.54	28.25	43.16	43.11	38.58	242.65	242.61	216.69
2026-08-19	2.38	2.34	2.03	1.14	1.10	0.96	0.23	0.19	0.16	1.33	1.31	1.13	1.06	1.04	0.90	0.31	0.29	0.25	31.50	31.46	28.18	43.07	43.03	38.51	242.57	242.52	216.62
2026-08-20	2.22	2.18	1.91	1.06	1.03	0.90	0.21	0.17	0.15	1.24	1.21	1.07	0.98	0.96	0.85	0.29	0.27	0.24	31.42	31.38	28.11	42.99	42.95	38.44	242.49	242.45	216.56
2026-08-21	2.07	2.04	1.81	0.99	0.96	0.85	0.20	0.16	0.15	1.16	1.13	1.01	0.92	0.90	0.80	0.27	0.25	0.23	31.35	31.31	28.06	42.92	42.88	38.39	242.41	242.38	216.50
2026-08-22	1.95	1.91	1.71	0.93	0.90	0.81	0.19	0.15	0.14	1.09	1.07	0.95	0.86	0.85	0.76	0.26	0.24	0.21	31.28	31.24	28.00	42.85	42.81	38.33	242.35	242.31	216.45
2026-08-23	1.84	1.81	1.63	0.88	0.85	0.77	0.18	0.15	0.13	1.03	1.01	0.91	0.82	0.80	0.72	0.24	0.23	0.20	31.22	31.19	27.95	42.79	42.76	38.28	242.29	242.25	216.40
2026-08-24	1.74	1.72	1.56	0.84	0.81	0.74	0.17	0.14	0.13	0.97	0.96	0.87	0.77	0.76	0.69	0.23	0.21	0.20	31.29	31.25	27.99	42.86	42.82	38.32	242.36	242.32	216.43
2026-08-25	1.66	1.63	1.50	0.80	0.77	0.71	0.16	0.13	0.12	0.93	0.91	0.83	0.74	0.72	0.66	0.22	0.20	0.19	32.06	31.97	28.49	43.63	43.54	38.82	243.12	243.04	216.94
2026-08-26	1.59	1.56	1.44	0.76	0.74	0.68	0.15	0.13	0.12	0.88	0.87	0.80	0.70	0.69	0.64	0.21	0.20	0.18	32.32	32.25	28.74	43.89	43.82	39.07	243.39	243.32	217.18
2026-08-27	1.64	1.60	1.46	0.79	0.75	0.69	0.16	0.12	0.12	0.91	0.90	0.82	0.73	0.71	0.65	0.22	0.20	0.18	31.76	31.73	28.34	43.33	43.30	38.67	242.83	242.80	216.78
2026-08-28	1.68	1.65	1.49	0.81	0.78	0.70	0.16	0.13	0.12	0.94	0.92	0.83	0.75	0.73	0.66	0.22	0.21	0.19	31.66	31.61	28.25	43.23	43.18	38.58	242.72	242.68	216.69
2026-08-29	1.60	1.58	1.43	0.77	0.74	0.68	0.15	0.13	0.12	0.89	0.88	0.80	0.71	0.70	0.63	0.21	0.20	0.18	31.56	31.52	28.18	43.13	43.09	38.51	242.63	242.59	216.62
2026-08-30	1.53	1.51	1.38	0.74	0.71	0.65	0.15	0.12	0.11	0.86	0.84	0.77	0.68	0.67	0.61	0.20	0.19	0.17	31.47	31.43	28.12	43.04	43.00	38.45	242.54	242.50	216.56
2026-08-31	1.47	1.45	1.34	0.71	0.69	0.63	0.14	0.12	0.11	0.82	0.81	0.74	0.65	0.64	0.59	0.19	0.18	0.17	31.40	31.36	28.06	42.97	42.93	38.39	242.47	242.43	216.50
2026-09-01	1.42	1.40	1.29	0.68	0.66	0.61	0.14	0.12	0.11	0.79	0.78	0.72	0.63	0.62	0.57	0.19	0.17	0.16	31.33	31.29	29.81	42.90	42.86	40.86	242.40	242.36	231.32
2026-09-02	1.37	1.35	1.26	0.66	0.64	0.60	0.13	0.11	0.11	0.77	0.75	0.70	0.61	0.60	0.55	0.18	0.17	0.16	31.26	31.23	29.76	42.83	42.80	40.81	242.33	242.30	231.27
2026-09-03	1.33	1.31	1.22	0.64	0.62	0.58	0.13	0.11	0.10	0.74	0.73	0.68	0.59	0.58	0.54	0.17	0.16	0.15	31.20	31.17	29.72	42.78	42.74	40.77	242.27	242.24	231.23
2026-09-04	1.29	1.27	1.19	0.62	0.60	0.56	0.12	0.11	0.10	0.72	0.71	0.66	0.57	0.56	0.52	0.17	0.16	0.15	31.15	31.12	29.68	42.72	42.69	40.72	242.22	242.19	231.19
2026-09-05	1.25	1.23	1.16	0.60	0.58	0.55	0.12	0.10	0.10	0.70	0.69	0.64	0.56	0.54	0.51	0.16	0.15	0.14	31.10	31.07	29.64	42.67	42.64	40.69	242.17	242.14	231.15
2026-09-06	1.51	1.47	1.42	0.73	0.68	0.66	0.15	0.10	0.10	0.84	0.83	0.80	0.67	0.66	0.63	0.20	0.19	0.18	31.19	31.15	29.71	42.76	42.72	40.76	242.26	242.22	231.22
2026-09-07	2.76	2.63	2.52	1.33	1.19	1.14	0.26	0.13	0.13	1.54	1.51	1.45	1.23	1.20	1.15	0.36	0.34	0.33	34.08	33.85	32.29	45.65	45.42	43.34	245.15	244.92	233.80
2026-09-08	2.26	2.25	2.13	1.09	1.08	1.02	0.22	0.21	0.20	1.26	1.24	1.17	1.00	0.98	0.93	0.30	0.28	0.26	37.67	37.34	35.58	49.24	48.91	46.63	248.74	248.41	237.09
2026-09-09	1.95	1.93	1.81	0.94	0.92	0.86	0.19	0.17	0.16	1.09	1.07	1.00	0.87	0.85	0.79	0.26	0.24	0.23	34.37	34.39	32.67	45.94	45.96	43.72	245.44	245.45	234.18
2026-09-10	1.84	1.81	1.71	0.88	0.85	0.81	0.18	0.15	0.14	1.03	1.01	0.95	0.82	0.80	0.75	0.24	0.23	0.21	33.87	33.77	32.13	45.44	45.34	43.18	244.94	244.84	233.64
2026-09-11	1.75	1.72	1.63	0.84	0.81	0.77	0.17	0.14	0.13	0.97	0.96	0.91	0.78	0.76	0.72	0.23	0.21	0.20	33.45	33.37	31.78	45.02	44.94	42.83	244.52	244.44	233.29
2026-09-12	2.44	2.34	2.23	1.17	1.07	1.02	0.23	0.13	0.13	1.36	1.34	1.27	1.09	1.06	1.01	0.32	0.30	0.29	33.11	33.04	31.49	44.68	44.61	42.54	244.18	244.10	233.00
2026-09-13	3.96	3.78	3.61	1.90	1.72	1.64	0.38	0.20	0.19	2.21	2.17	2.07	1.76	1.72	1.64	0.52	0.49	0.47	32.83	32.76	31.25	44.40	44.33	42.29	243.89	243.82	232.75
2026-09-14	2.71	2.72	2.58	1.30	1.32	1.25	0.26	0.28	0.27	1.51	1.48	1.40	1.20	1.18	1.11	0.36	0.33	0.32	32.58	32.52	31.03	44.15	44.09	42.08	243.65	243.59	232.54
2026-09-15	2.93	2.84	2.69	1.41	1.32	1.25	0.28	0.20	0.19	1.63	1.61	1.52	1.30	1.27	1.21	0.39	0.36	0.34	20.92	20.86	19.91	29.64	29.58	28.24	162.49	162.43	155.07
2026-09-16	3.11	3.03	2.87	1.49	1.41	1.34	0.30	0.22	0.21	1.73	1.70	1.62	1.38	1.35	1.28	0.41	0.38	0.36	20.74	20.68	19.76	29.46	29.41	28.09	162.31	162.25	154.92
2026-09-17	2.82	2.77	2.64	1.35	1.30	1.24	0.27	0.22	0.21	1.57	1.54	1.47	1.25	1.23	1.17	0.37	0.35	0.33	21.15	21.06	20.11	29.88	29.78	28.44	162.72	162.63	155.27
2026-09-18	2.58	2.54	2.43	1.24	1.19	1.14	0.25	0.20	0.20	1.44	1.41	1.35	1.15	1.12	1.07	0.34	0.32	0.30	23.41	23.18	22.15	32.13	31.91	30.48	164.98	164.76	157.31
2026-09-19	2.50	2.45	2.36	1.20	1.15	1.11	0.24	0.19	0.18	1.39	1.37	1.32	1.11	1.09	1.05	0.33	0.31	0.30	23.25	23.13	22.09	31.98	31.86	30.42	164.83	164.71	157.25
2026-09-20	2.50	2.45	2.38	1.20	1.15	1.11	0.24	0.19	0.18	1.39	1.37	1.33	1.11	1.09	1.06	0.33	0.31	0.30	22.34	22.27	21.27	31.07	31.00	29.60	163.92	163.84	156.43
2026-09-21	2.39	2.34	2.29	1.15	1.10	1.08	0.23	0.19	0.18	1.33	1.31	1.28	1.06	1.04	1.01	0.31	0.29	0.29	21.94	21.86	20.89	30.67	30.59	29.22	163.52	163.43	156.05
2026-09-22	2.22	2.18	2.13	1.06	1.03	1.01	0.21	0.18	0.17	1.24	1.22	1.19	0.98	0.96	0.94	0.29	0.27	0.27									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026-10-21	6.31	5.89	7.02	3.03	2.61	3.22	0.61	0.18	0.42	3.52	3.46	4.00	2.80	2.74	3.17	0.83	0.77	0.90	19.77	19.72	19.52	28.14	28.09	27.80	142.50	142.45	140.95
2026-10-22	3.24	3.21	3.83	1.56	1.53	1.90	0.31	0.28	0.47	1.81	1.78	2.04	1.44	1.41	1.62	0.43	0.40	0.46	19.68	19.64	19.44	28.04	28.00	27.71	142.40	142.36	140.87
2026-10-23	2.93	2.86	3.23	1.41	1.33	1.51	0.28	0.21	0.24	1.63	1.60	1.81	1.30	1.27	1.44	0.39	0.36	0.41	19.59	19.55	19.24	27.96	27.92	27.51	142.32	142.28	140.67
2026-10-24	2.67	2.62	2.92	1.28	1.23	1.37	0.26	0.20	0.23	1.49	1.46	1.63	1.19	1.16	1.30	0.35	0.33	0.37	19.52	19.48	19.28	27.88	27.84	27.55	142.24	142.20	140.71
2026-10-25	2.46	2.40	2.65	1.18	1.12	1.24	0.24	0.18	0.20	1.37	1.35	1.49	1.09	1.07	1.18	0.32	0.30	0.33	19.45	19.41	19.18	27.81	27.77	27.45	142.17	142.13	140.61
2026-10-26	2.28	2.22	2.43	1.09	1.03	1.13	0.22	0.16	0.18	1.27	1.25	1.37	1.01	0.99	1.08	0.30	0.28	0.31	19.45	19.41	19.22	27.82	27.78	27.49	142.18	142.14	140.65
2026-10-27	2.12	2.07	2.25	1.02	0.97	1.05	0.20	0.15	0.16	1.18	1.16	1.26	0.94	0.92	1.00	0.28	0.26	0.28	19.45	19.42	19.22	27.82	27.78	27.49	142.18	142.14	140.65
2026-10-28	1.99	1.93	2.09	0.96	0.90	0.97	0.19	0.13	0.15	1.11	1.09	1.18	0.88	0.87	0.93	0.26	0.24	0.26	19.39	19.35	19.15	27.75	27.72	27.43	142.11	142.07	140.59
2026-10-29	1.88	1.83	1.96	0.90	0.85	0.91	0.18	0.13	0.14	1.05	1.03	1.10	0.83	0.82	0.87	0.25	0.23	0.25	19.33	19.28	19.09	27.70	27.65	27.36	142.05	142.00	140.52
2026-10-30	1.78	1.73	1.85	0.85	0.81	0.86	0.17	0.12	0.13	0.99	0.97	1.04	0.79	0.77	0.82	0.23	0.22	0.23	19.28	19.23	19.04	27.64	27.60	27.31	142.00	141.96	140.47
2026-10-31	1.69	1.65	1.76	0.81	0.77	0.82	0.16	0.12	0.13	0.94	0.93	0.98	0.75	0.73	0.78	0.22	0.21	0.22	19.23	19.19	18.99	27.59	27.55	27.27	141.95	141.91	140.43
2026-11-01	1.61	1.57	1.66	0.77	0.73	0.77	0.15	0.11	0.12	0.90	0.88	0.93	0.72	0.70	0.74	0.21	0.20	0.21	19.19	19.17	19.13	27.55	27.53	27.49	141.91	141.89	141.76
2026-11-02	1.54	1.50	1.58	0.74	0.70	0.74	0.15	0.10	0.11	0.86	0.85	0.89	0.69	0.67	0.71	0.20	0.19	0.20	19.14	19.11	19.09	27.51	27.47	27.44	141.87	141.83	141.71
2026-11-03	1.48	1.45	1.52	0.71	0.68	0.71	0.14	0.11	0.11	0.83	0.81	0.85	0.66	0.64	0.68	0.20	0.18	0.19	19.11	19.07	19.05	27.47	27.44	27.41	141.83	141.80	141.68
2026-11-04	1.43	1.40	1.47	0.69	0.66	0.69	0.14	0.11	0.12	0.80	0.78	0.82	0.63	0.62	0.65	0.19	0.18	0.18	19.07	19.03	19.01	27.43	27.39	27.37	141.79	141.75	141.63
2026-11-05	1.38	1.35	1.41	0.66	0.64	0.66	0.13	0.11	0.11	0.77	0.76	0.79	0.61	0.60	0.62	0.18	0.17	0.18	19.04	19.00	18.98	27.40	27.36	27.34	141.76	141.72	141.60
2026-11-06	1.33	1.31	1.36	0.64	0.62	0.64	0.13	0.10	0.11	0.74	0.73	0.76	0.59	0.58	0.60	0.18	0.16	0.17	19.01	18.97	18.95	27.37	27.33	27.31	141.73	141.69	141.57
2026-11-07	1.34	1.32	1.37	0.65	0.62	0.65	0.13	0.10	0.11	0.75	0.74	0.77	0.60	0.58	0.61	0.18	0.17	0.17	18.98	18.95	18.93	27.34	27.31	27.29	141.70	141.67	141.55
2026-11-08	1.35	1.33	1.39	0.65	0.63	0.65	0.13	0.11	0.11	0.75	0.74	0.77	0.60	0.59	0.61	0.18	0.17	0.17	18.95	18.92	18.90	27.32	27.29	27.26	141.68	141.64	141.53
2026-11-09	1.32	1.31	1.36	0.64	0.62	0.64	0.13	0.11	0.11	0.74	0.73	0.76	0.59	0.58	0.60	0.17	0.16	0.17	18.93	18.90	18.88	27.29	27.27	27.24	141.65	141.63	141.51
2026-11-10	1.45	1.44	1.51	0.70	0.68	0.72	0.14	0.13	0.13	0.81	0.80	0.84	0.65	0.63	0.66	0.19	0.18	0.19	18.91	18.88	18.86	27.27	27.24	27.21	141.63	141.60	141.48
2026-11-11	2.41	2.30	2.42	1.16	1.04	1.10	0.23	0.12	0.12	1.35	1.32	1.39	1.07	1.05	1.11	0.32	0.30	0.31	18.89	18.86	18.84	27.25	27.22	27.19	141.61	141.58	141.46
2026-11-12	2.52	2.48	2.62	1.21	1.17	1.23	0.24	0.20	0.21	1.40	1.38	1.46	1.12	1.10	1.16	0.33	0.31	0.33	18.87	18.84	18.82	27.23	27.20	27.18	141.59	141.56	141.44
2026-11-13	1.98	1.97	2.09	0.95	0.94	1.00	0.19	0.18	0.19	1.10	1.08	1.15	0.88	0.86	0.91	0.26	0.24	0.26	18.86	18.84	18.82	27.23	27.20	27.18	141.59	141.56	141.45
2026-11-14	1.87	1.83	1.93	0.90	0.86	0.91	0.18	0.15	0.15	1.04	1.02	1.08	0.83	0.81	0.86	0.25	0.23	0.24	18.87	18.86	18.85	27.23	27.23	27.21	141.59	141.59	141.48
2026-11-15	1.78	1.75	1.84	0.86	0.82	0.86	0.17	0.14	0.14	0.99	0.98	1.03	0.79	0.77	0.81	0.23	0.22	0.23	18.74	18.73	18.72	27.15	27.14	27.12	123.31	123.30	123.21
2026-11-16	1.71	1.68	1.76	0.82	0.79	0.83	0.16	0.14	0.14	0.95	0.94	0.98	0.76	0.74	0.78	0.22	0.21	0.22	18.72	18.70	18.69	27.13	27.11	27.09	123.29	123.27	123.18
2026-11-17	1.63	1.60	1.68	0.78	0.76	0.79	0.16	0.13	0.14	0.91	0.89	0.93	0.72	0.71	0.74	0.21	0.20	0.21	18.71	18.68	18.67	27.11	27.09	27.07	123.28	123.25	123.16
2026-11-18	1.56	1.54	1.60	0.75	0.73	0.76	0.15	0.13	0.13	0.87	0.85	0.89	0.69	0.68	0.71	0.21	0.19	0.20	18.69	18.66	18.65	27.10	27.07	27.05	123.26	123.23	123.14
2026-11-19	1.57	1.54	1.61	0.76	0.73	0.76	0.15	0.12	0.13	0.88	0.86	0.90	0.70	0.68	0.72	0.21	0.19	0.20	18.67	18.65	18.64	27.08	27.06	27.04	123.24	123.22	123.13
2026-11-20	1.58	1.55	1.63	0.76	0.73	0.77	0.15	0.12	0.13	0.88	0.87	0.91	0.70	0.69	0.72	0.21	0.19	0.20	18.66	18.63	18.62	27.07	27.04	27.02	123.23	123.20	123.11
2026-11-21	1.52	1.49	1.56	0.73	0.70	0.74	0.15	0.12	0.13	0.85	0.83	0.87	0.67	0.66	0.69	0.20	0.19	0.20	18.65	18.61	18.60	27.05	27.02	27.00	123.22	123.18	123.09
2026-11-22	1.46	1.43	1.49	0.70	0.67	0.70	0.14	0.11	0.12	0.81	0.80	0.83	0.65	0.63	0.66	0.19	0.18	0.19	18.63	18.59	18.58	27.04	27.00	26.99	123.20	123.16	123.07
2026-11-23	1.41	1.38	1.43	0.67	0.65	0.67	0.13	0.11	0.11	0.78	0.77	0.80	0.62	0.61	0.63	0.19	0.17	0.18	18.62	18.59	18.58	27.03	26.99	26.98	123.19	123.16	123.06
2026-11-24	1.36	1.34	1.39	0.65	0.63	0.65	0.13	0.11	0.11	0.76	0.74	0.77	0.60	0.59	0.61	0.18	0.17	0.17	18.61	18.58	18.57	27.02	26.99	26.97	123.18	123.15	123.05
2026-11-25	1.32	1.30	1.34	0.63	0.61	0.64	0.13	0.11	0.11	0.73	0.72	0.75	0.58	0.57	0.59	0.17	0.16	0.17	18.60	18.57	18.56	27.01	26.98	26.96	123.17	123.14	123.05
2026-11-26	1.28	1.26	1.30	0.61	0.60	0.61	0.12	0.10	0.11	0.71	0.70	0.72	0.57	0.56	0.57	0.17	0.16	0.16	18.59	18.56	18.55	27.00	26.97	26.95	123.16	123.13	123.03
2026-11-27	1.24	1.22	1.25	0.60	0.57	0.59	0.12	0.10	0.10	0.69	0.68	0.70	0.55	0.54	0.56	0.16	0.15	0.16	18.58	18.55	18.54	26.99	26.96	26.94	123.15	123.12	123.03
2026-11-28	1.21	1.19	1.22	0.58	0.56	0.57	0.12	0.09	0.10	0.67	0.66	0.68	0.54	0.53	0.54	0.16	0.15	0.15	18.57	18.54	18.53	26.98	26.95	26.93	123.14	123.11	123.02
2026-11-29	1.18	1.16	1.19	0.57	0.54	0.56	0.11	0.09	0.09	0.66	0.65	0.66	0.52	0.51	0.53	0.16	0.14	0.15	18.56	18.53	18.52	26.97	26.94	26.92	123.13	123.10	123.01
2026-11-30	1.15	1.13	1.16	0.55	0.53	0.54	0.11	0.09	0.09	0.64	0.63	0.65	0.51	0.50	0.51	0.15	0.14	0.14	18.55	18.53	18.52	26.96	26.94	26.92	123.12	123.10	123.00
2026-12-01	1.13	1.11	1.13	0.54	0.52	0.53	0.11	0.09	0.09	0.63	0.62	0.63	0.50	0.49	0.50	0.15	0.14	0.14	18.54	18.52	18.55	26.95	26.93	26.97	123.11	123.09	123.25
2026-12-02	1.10	1.09	1.11	0.53	0.51	0.53	0.11	0.09	0.09	0.62	0.60	0.62	0.49	0.48	0.49	0.15	0.14	0.14									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2026-12-31	0.87	0.86	0.87	0.42	0.41	0.41	0.08	0.07	0.07	0.49	0.48	0.49	0.39	0.38	0.38	0.11	0.11	0.11	13.63	13.61	13.63	19.85	19.83	19.86	83.67	83.66	83.76
2027-01-01	0.86	0.85	0.87	0.41	0.40	0.41	0.08	0.07	0.07	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.63	13.62	13.62	19.85	19.84	19.85	83.67	83.66	83.71
2027-01-02	0.86	0.85	0.86	0.41	0.40	0.41	0.08	0.07	0.08	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.63	13.61	13.62	19.85	19.83	19.84	83.68	83.65	83.70
2027-01-03	0.85	0.84	0.85	0.41	0.40	0.40	0.08	0.07	0.07	0.47	0.47	0.47	0.38	0.37	0.38	0.11	0.10	0.11	13.63	13.61	13.62	19.85	19.83	19.84	83.68	83.65	83.70
2027-01-04	0.84	0.83	0.85	0.40	0.40	0.40	0.08	0.07	0.07	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.10	0.11	13.64	13.61	13.62	19.86	19.83	19.84	83.68	83.65	83.70
2027-01-05	0.84	0.83	0.84	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.10	13.64	13.61	13.62	19.86	19.83	19.84	83.68	83.66	83.70
2027-01-06	0.83	0.83	0.84	0.40	0.39	0.40	0.08	0.07	0.07	0.46	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.64	13.62	13.62	19.86	19.84	19.85	83.68	83.66	83.71
2027-01-07	0.83	0.82	0.83	0.40	0.39	0.39	0.08	0.07	0.07	0.46	0.45	0.46	0.37	0.36	0.36	0.11	0.10	0.10	13.64	13.62	13.63	19.86	19.84	19.85	83.68	83.66	83.71
2027-01-08	0.82	0.81	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.46	0.37	0.36	0.36	0.11	0.10	0.10	13.74	13.71	13.74	19.96	19.93	19.97	83.78	83.76	83.83
2027-01-09	0.82	0.81	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	13.94	13.91	13.99	20.16	20.13	20.21	83.99	83.95	84.07
2027-01-10	0.81	0.81	0.82	0.39	0.39	0.39	0.08	0.07	0.07	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.83	13.81	13.87	20.05	20.03	20.09	83.87	83.86	83.95
2027-01-11	0.81	0.81	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.64	13.63	13.64	19.86	19.85	19.86	83.68	83.67	83.72
2027-01-12	0.81	0.80	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.62	13.60	13.60	19.84	19.82	19.83	83.66	83.64	83.69
2027-01-13	0.80	0.79	0.80	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.62	13.60	13.60	19.84	19.82	19.82	83.67	83.64	83.69
2027-01-14	0.80	0.79	0.80	0.38	0.37	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.62	13.60	13.60	19.84	19.82	19.83	83.67	83.64	83.69
2027-01-15	0.79	0.79	0.79	0.38	0.37	0.38	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.55	10.53	10.53	16.42	16.40	16.40	69.60	69.57	69.61
2027-01-16	0.79	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	10.55	10.53	10.53	16.42	16.40	16.41	69.60	69.58	69.61
2027-01-17	0.79	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.55	10.53	10.53	16.42	16.40	16.41	69.60	69.58	69.62
2027-01-18	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.43	0.35	0.35	0.34	0.10	0.10	0.10	10.55	10.53	10.54	16.43	16.41	16.41	69.60	69.58	69.62
2027-01-19	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.60	69.59	69.62
2027-01-20	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.61	69.59	69.62
2027-01-21	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.61	69.59	69.62
2027-01-22	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.61	69.58	69.62
2027-01-23	0.80	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.61	69.59	69.62
2027-01-24	0.80	0.80	0.80	0.38	0.38	0.38	0.08	0.07	0.08	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.42	69.61	69.59	69.63
2027-01-25	0.80	0.80	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.55	10.55	16.43	16.42	16.42	69.61	69.59	69.63
2027-01-26	0.80	0.80	0.80	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.55	10.55	16.44	16.42	16.42	69.61	69.59	69.63
2027-01-27	0.92	0.90	0.97	0.44	0.43	0.45	0.09	0.07	0.07	0.51	0.50	0.54	0.41	0.40	0.43	0.12	0.11	0.12	10.57	10.55	10.55	16.44	16.42	16.42	69.61	69.60	69.63
2027-01-28	1.11	1.08	1.24	0.53	0.51	0.58	0.11	0.08	0.09	0.62	0.61	0.70	0.49	0.48	0.56	0.15	0.14	0.16	10.57	10.55	10.55	16.44	16.42	16.42	69.61	69.60	69.63
2027-01-29	1.59	1.53	1.72	0.76	0.70	0.79	0.15	0.09	0.10	0.89	0.87	0.98	0.71	0.69	0.78	0.21	0.20	0.22	10.57	10.55	10.55	16.44	16.42	16.42	69.62	69.60	69.63
2027-01-30	2.41	2.33	2.75	1.16	1.08	1.28	0.23	0.15	0.19	1.35	1.32	1.55	1.07	1.05	1.23	0.32	0.30	0.35	10.57	10.54	10.55	16.44	16.42	16.42	69.62	69.59	69.63
2027-01-31	1.40	1.44	1.69	0.67	0.71	0.83	0.13	0.17	0.20	0.78	0.77	0.90	0.62	0.61	0.72	0.18	0.17	0.20	10.57	10.55	10.55	16.44	16.42	16.43	69.62	69.60	69.63
2027-02-01	1.32	1.32	1.59	0.63	0.64	0.76	0.13	0.13	0.15	0.74	0.73	0.88	0.59	0.58	0.69	0.17	0.16	0.20	10.57	10.55	10.54	16.44	16.42	16.40	69.62	69.60	69.50
2027-02-02	1.28	1.27	1.54	0.62	0.60	0.73	0.12	0.11	0.13	0.72	0.70	0.85	0.57	0.56	0.68	0.17	0.16	0.19	10.57	10.55	10.56	16.44	16.43	16.42	69.62	69.60	69.52
2027-02-03	1.25	1.23	1.47	0.60	0.58	0.69	0.12	0.10	0.12	0.70	0.68	0.82	0.55	0.54	0.65	0.16	0.15	0.18	10.57	10.56	10.58	16.44	16.43	16.44	69.62	69.61	69.54
2027-02-04	1.21	1.20	1.42	0.58	0.57	0.67	0.12	0.10	0.12	0.68	0.66	0.79	0.54	0.53	0.62	0.16	0.15	0.18	10.57	10.56	10.54	16.45	16.43	16.40	69.62	69.60	69.50
2027-02-05	1.18	1.17	1.37	0.57	0.55	0.65	0.11	0.10	0.11	0.66	0.65	0.76	0.53	0.51	0.60	0.16	0.15	0.17	10.58	10.56	10.54	16.45	16.43	16.40	69.62	69.61	69.50
2027-02-06	1.15	1.14	1.32	0.55	0.54	0.62	0.11	0.09	0.11	0.64	0.63	0.73	0.51	0.50	0.58	0.15	0.14	0.16	10.58	10.56	10.54	16.45	16.43	16.40	69.62	69.61	69.50
2027-02-07	1.13	1.11	1.28	0.54	0.53	0.60	0.11	0.09	0.11	0.63	0.62	0.71	0.50	0.49	0.56	0.15	0.14	0.16	10.58	10.56	10.54	16.45	16.43	16.40	69.63	69.61	69.50
2027-02-08	1.11	1.09	1.24	0.53	0.52	0.59	0.11	0.09	0.10	0.62	0.61	0.69	0.49	0.48	0.55	0.15	0.14	0.16	10.58	10.56	10.54	16.45	16.43	16.40	69.63	69.61	69.50
2027-02-09	1.08	1.07	1.21	0.52	0.51	0.57	0.10	0.09	0.10	0.60	0.59	0.67	0.48	0.47	0.53	0.14	0.13	0.15	10.58	10.56	10.54	16.45	16.43	16.40	69.63	69.61	69.50
2027-02-10	1.06	1.05	1.18	0.51	0.49	0.55	0.10	0.08	0.09	0.59	0.58	0.66	0.47	0.46	0.52	0.14	0.13	0.15	10.58	10.56	10.54	16.45	16.43	16.40	69.63	69.61	69.50
2027-02-11	1.04	1.03	1.15	0.50	0.49	0.54	0.10	0.08	0.09	0.58	0.57	0.64	0.46	0.45	0.51	0.14	0.13	0.14	10.58	10.56	10.54	16.45	16.43	16.40	69.63	69.61	69.50

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2027-03-12	0.87	0.86	1.54	0.42	0.41	0.73	0.08	0.08	0.13	0.48	0.48	0.86	0.39	0.38	0.68	0.11	0.11	0.19	10.70	10.68	17.49	15.58	15.56	25.64	65.68	65.66	109.23
2027-03-13	1.13	1.11	2.05	0.54	0.52	0.96	0.11	0.09	0.15	0.63	0.62	1.15	0.50	0.49	0.91	0.15	0.14	0.26	10.77	10.74	17.90	15.65	15.62	26.04	65.75	65.72	109.64
2027-03-14	1.44	1.43	2.56	0.69	0.68	1.20	0.14	0.12	0.20	0.81	0.79	1.43	0.64	0.63	1.14	0.19	0.18	0.32	11.90	11.82	19.74	16.78	16.70	27.88	66.88	66.80	111.48
2027-03-15	1.50	1.50	2.90	0.72	0.72	1.37	0.14	0.14	0.23	0.84	0.83	1.62	0.67	0.65	1.29	0.20	0.19	0.37	15.40	15.31	25.63	22.20	22.11	36.97	84.46	84.37	140.86
2027-03-16	1.52	1.51	3.27	0.73	0.72	1.53	0.15	0.14	0.25	0.85	0.83	1.83	0.67	0.66	1.46	0.20	0.19	0.41	14.51	14.52	24.97	21.31	21.32	36.32	83.57	83.58	140.20
2027-03-17	1.25	1.25	3.21	0.60	0.60	1.51	0.12	0.12	0.26	0.70	0.68	1.79	0.55	0.54	1.42	0.16	0.15	0.40	14.29	14.25	24.61	21.09	21.05	35.96	83.35	83.31	139.84
2027-03-18	1.28	1.26	3.33	0.61	0.60	1.56	0.12	0.11	0.25	0.71	0.70	1.87	0.57	0.56	1.48	0.17	0.16	0.42	14.20	14.16	24.18	21.00	20.96	35.53	83.26	83.21	139.41
2027-03-19	1.33	1.32	3.55	0.64	0.63	1.67	0.13	0.12	0.27	0.74	0.73	1.99	0.59	0.58	1.58	0.18	0.16	0.45	14.12	14.08	23.82	20.92	20.88	35.17	83.18	83.13	139.05
2027-03-20	1.31	1.30	3.51	0.63	0.62	1.65	0.13	0.11	0.27	0.73	0.72	1.96	0.58	0.57	1.56	0.17	0.16	0.44	14.05	14.01	23.59	20.85	20.81	34.94	83.11	83.06	138.82
2027-03-21	1.27	1.26	3.23	0.61	0.59	1.52	0.12	0.10	0.26	0.71	0.70	1.80	0.57	0.55	1.43	0.17	0.16	0.41	13.98	13.94	23.40	20.78	20.74	34.75	83.04	83.00	138.63
2027-03-22	1.24	1.22	2.94	0.59	0.58	1.38	0.12	0.10	0.23	0.69	0.68	1.65	0.55	0.54	1.31	0.16	0.15	0.37	13.92	13.88	23.17	20.72	20.68	34.51	82.98	82.94	138.40
2027-03-23	1.21	1.19	2.80	0.58	0.56	1.32	0.12	0.10	0.22	0.67	0.66	1.57	0.54	0.52	1.24	0.16	0.15	0.35	13.87	13.83	22.96	20.67	20.63	34.31	82.92	82.89	138.19
2027-03-24	1.21	1.19	2.82	0.58	0.57	1.33	0.12	0.10	0.22	0.67	0.66	1.58	0.54	0.53	1.25	0.16	0.15	0.35	13.82	13.78	22.79	20.62	20.58	34.13	82.87	82.84	138.02
2027-03-25	1.21	1.21	2.86	0.58	0.58	1.35	0.12	0.12	0.24	0.68	0.67	1.59	0.54	0.53	1.26	0.16	0.15	0.36	13.77	13.73	22.64	20.57	20.53	33.98	82.83	82.79	137.87
2027-03-26	1.18	1.18	2.80	0.57	0.56	1.32	0.11	0.11	0.23	0.66	0.65	1.56	0.53	0.52	1.24	0.16	0.15	0.35	13.73	13.69	22.50	20.53	20.49	33.85	82.78	82.75	137.73
2027-03-27	1.16	1.15	2.77	0.56	0.55	1.31	0.11	0.10	0.22	0.65	0.63	1.55	0.51	0.50	1.23	0.15	0.14	0.35	13.69	13.66	22.39	20.49	20.46	33.73	82.74	82.71	137.62
2027-03-28	1.13	1.12	2.65	0.54	0.53	1.25	0.11	0.10	0.21	0.63	0.62	1.48	0.50	0.49	1.17	0.15	0.14	0.33	13.66	13.63	22.44	20.46	20.43	33.79	82.72	82.69	137.67
2027-03-29	1.11	1.09	2.43	0.53	0.52	1.14	0.11	0.09	0.19	0.62	0.61	1.36	0.49	0.48	1.08	0.15	0.14	0.31	13.66	13.64	22.69	20.46	20.44	34.03	82.72	82.70	137.92
2027-03-30	1.09	1.07	2.31	0.52	0.51	1.09	0.10	0.09	0.18	0.61	0.60	1.29	0.48	0.47	1.02	0.14	0.13	0.29	13.70	13.68	22.98	20.50	20.48	34.32	82.75	82.73	138.21
2027-03-31	1.12	1.11	2.37	0.54	0.52	1.11	0.11	0.09	0.19	0.63	0.61	1.32	0.50	0.49	1.05	0.15	0.14	0.30	13.80	13.78	23.44	20.60	20.58	34.79	82.86	82.84	138.67
2027-04-01	1.47	1.45	2.77	0.71	0.68	1.30	0.14	0.12	0.22	0.82	0.81	1.55	0.65	0.64	1.23	0.19	0.18	0.35	14.17	14.13	32.52	20.97	20.93	48.35	83.22	83.19	193.29
2027-04-02	1.88	1.85	3.79	0.90	0.88	1.78	0.18	0.15	0.29	1.05	1.03	2.13	0.84	0.82	1.69	0.25	0.23	0.48	14.66	14.61	34.72	21.46	21.41	50.55	83.72	83.67	195.49
2027-04-03	2.22	2.19	4.44	1.07	1.04	2.09	0.21	0.18	0.36	1.24	1.22	2.48	0.99	0.97	1.97	0.29	0.27	0.56	14.78	14.75	35.83	21.58	21.55	51.66	83.84	83.80	196.60
2027-04-04	2.19	2.20	4.33	1.05	1.06	1.84	0.21	0.21	0.00	1.22	1.20	2.62	0.97	0.96	2.08	0.29	0.27	0.59	15.09	15.04	37.39	21.89	21.84	53.22	84.15	84.10	198.16
2027-04-05	1.91	1.90	4.52	0.92	0.91	2.05	0.18	0.17	0.23	1.07	1.05	2.60	0.85	0.83	2.06	0.25	0.24	0.58	16.07	15.96	39.87	22.87	22.76	55.70	85.12	85.02	200.65
2027-04-06	1.81	1.78	4.20	0.87	0.84	1.96	0.17	0.14	0.30	1.01	0.99	2.36	0.80	0.79	1.87	0.24	0.22	0.53	16.79	16.67	42.10	23.59	23.47	57.93	85.85	85.72	202.87
2027-04-07	1.72	1.69	3.76	0.82	0.79	1.76	0.16	0.13	0.29	0.96	0.94	2.10	0.76	0.75	1.67	0.23	0.21	0.47	16.74	16.65	42.18	23.54	23.45	58.01	85.80	85.71	202.95
2027-04-08	1.64	1.61	3.39	0.79	0.76	1.59	0.16	0.13	0.26	0.91	0.90	1.89	0.73	0.71	1.50	0.22	0.20	0.43	16.21	16.13	39.24	23.01	22.93	55.07	85.27	85.18	200.01
2027-04-09	1.57	1.54	3.12	0.75	0.72	1.46	0.15	0.12	0.24	0.87	0.86	1.75	0.70	0.68	1.39	0.21	0.19	0.39	15.86	15.77	37.08	22.66	22.57	52.91	84.92	84.83	197.85
2027-04-10	1.50	1.48	2.89	0.72	0.70	1.36	0.14	0.12	0.22	0.84	0.82	1.62	0.67	0.65	1.28	0.20	0.19	0.36	15.64	15.56	36.68	22.44	22.36	52.51	84.70	84.62	197.45
2027-04-11	1.45	1.42	2.64	0.69	0.67	1.24	0.14	0.11	0.20	0.81	0.79	1.48	0.64	0.63	1.17	0.19	0.18	0.33	15.45	15.38	36.78	22.25	22.18	52.61	84.51	84.43	197.55
2027-04-12	1.39	1.37	2.47	0.67	0.64	1.16	0.13	0.11	0.18	0.78	0.76	1.39	0.62	0.61	1.10	0.18	0.17	0.31	15.22	15.15	36.63	22.02	21.95	52.47	84.27	84.21	197.41
2027-04-13	1.39	1.37	2.61	0.67	0.64	1.13	0.13	0.11	0.05	0.78	0.76	1.55	0.62	0.60	1.23	0.18	0.17	0.35	15.01	14.95	36.46	21.81	21.75	52.29	84.07	84.01	197.23
2027-04-14	1.48	1.45	3.32	0.71	0.68	1.52	0.14	0.11	0.18	0.82	0.81	1.90	0.66	0.64	1.51	0.19	0.18	0.43	14.84	14.78	37.02	21.64	21.58	52.85	83.90	83.84	197.80
2027-04-15	1.70	1.68	3.33	0.81	0.80	1.55	0.16	0.15	0.24	0.95	0.93	1.87	0.75	0.74	1.48	0.22	0.21	0.42	27.67	27.61	65.15	39.15	39.09	91.87	163.29	163.24	380.90
2027-04-16	2.38	2.32	4.05	1.14	1.08	1.72	0.23	0.17	0.00	1.33	1.31	2.45	1.06	1.04	1.94	0.31	0.29	0.55	27.54	27.48	64.38	39.01	38.96	91.10	163.16	163.11	380.13
2027-04-17	3.24	3.14	5.76	1.56	1.45	2.46	0.31	0.21	0.02	1.81	1.78	3.48	1.44	1.41	2.76	0.43	0.40	0.78	27.42	27.37	63.70	38.89	38.84	90.42	163.04	162.99	379.45
2027-04-18	2.71	2.70	5.39	1.30	1.29	2.53	0.26	0.24	0.42	1.51	1.49	3.01	1.20	1.18	2.39	0.36	0.33	0.67	27.31	27.26	63.25	38.79	38.74	89.97	162.94	162.89	379.00
2027-04-19	2.73	2.69	4.89	1.31	1.27	2.29	0.26	0.22	0.36	1.52	1.50	2.74	1.21	1.19	2.18	0.36	0.34	0.62	27.43	27.38	63.27	38.91	38.85	89.99	163.06	163.00	379.02
2027-04-20	2.81	2.76	4.50	1.35	1.30	2.11	0.27	0.23	0.33	1.57	1.54	2.53	1.25	1.22	2.01	0.37	0.35	0.57	28.22	28.14	64.98	39.70	39.62	91.70	163.84	163.77	380.73
2027-04-21	2.94	2.90	4.17	1.41	1.37	1.95	0.28	0.24	0.31	1.64	1.61	2.34	1.31	1.28	1.86	0.39	0.36	0.53	28.22	28.17	65.59	39.70	39.65	92.31	163.85	163.79	381.34
2027-04-22	2.87	2.84	3.79	1.38	1.35	1.78	0.27	0.25	0.29	1.60	1.57	2.13	1.27	1.25	1.69	0.38	0.35	0.48	27.89	27.84	64.39	39.37	39.31	91.11	163.52	163.46	380.14
2027-04-23	2.62	2.59	3.40	1.26	1.22	1.60	0.25	0.22	0.26	1.46	1.44	1.90	1.16	1.14	1.51	0.35	0.32	0.43	27.73	27.67	63.37	39.21	39.15	90.09	163.3		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2027-05-22	2.37	2.32	1.73	1.14	1.09	0.81	0.23	0.18	0.14	1.32	1.30	0.96	1.05	1.03	0.76	0.31	0.29	0.22	107.29	106.81	72.57	136.72	136.24	92.42	652.47	652.00	440.24
2027-05-23	2.20	2.16	1.64	1.06	1.02	0.77	0.21	0.17	0.13	1.23	1.21	0.92	0.98	0.96	0.73	0.29	0.27	0.21	114.93	114.26	80.99	144.36	143.69	100.83	660.11	659.45	448.66
2027-05-24	2.06	2.02	1.57	0.99	0.95	0.74	0.20	0.16	0.13	1.15	1.13	0.87	0.91	0.89	0.69	0.27	0.25	0.20	108.41	108.36	75.23	137.85	137.80	95.08	653.60	653.55	442.90
2027-05-25	1.93	1.90	1.50	0.93	0.89	0.71	0.19	0.15	0.12	1.08	1.06	0.84	0.86	0.84	0.66	0.25	0.24	0.19	106.35	106.18	73.48	135.78	135.61	93.32	651.53	651.36	441.15
2027-05-26	1.90	1.86	1.45	0.91	0.87	0.68	0.18	0.14	0.12	1.06	1.04	0.81	0.84	0.82	0.64	0.25	0.23	0.18	104.89	104.74	72.32	134.32	134.17	92.17	650.08	649.93	440.00
2027-05-27	2.04	1.99	1.49	0.98	0.93	0.70	0.20	0.14	0.12	1.14	1.12	0.83	0.91	0.89	0.66	0.27	0.25	0.19	103.82	103.69	71.46	133.25	133.12	91.31	649.01	648.87	439.13
2027-05-28	2.15	2.10	1.54	1.03	0.98	0.72	0.21	0.16	0.12	1.20	1.18	0.86	0.95	0.93	0.68	0.28	0.26	0.19	103.00	102.88	70.78	132.44	132.32	90.63	648.19	648.07	438.46
2027-05-29	2.14	2.10	1.51	1.03	0.98	0.71	0.21	0.16	0.12	1.20	1.18	0.84	0.95	0.93	0.67	0.28	0.26	0.19	102.37	102.26	70.25	131.80	131.69	90.10	647.55	647.45	437.92
2027-05-30	2.10	2.06	1.49	1.01	0.97	0.70	0.20	0.16	0.12	1.17	1.15	0.83	0.93	0.91	0.66	0.28	0.26	0.19	102.01	101.90	69.81	131.44	131.34	89.66	647.20	647.09	437.49
2027-05-31	1.97	1.93	1.43	0.95	0.91	0.67	0.19	0.15	0.12	1.10	1.08	0.80	0.87	0.86	0.63	0.26	0.24	0.18	102.42	102.27	70.05	131.85	131.71	89.89	647.61	647.46	437.72
2027-06-01	1.86	1.83	1.38	0.89	0.86	0.65	0.18	0.15	0.11	1.04	1.02	0.77	0.83	0.81	0.61	0.24	0.23	0.17	102.60	102.46	78.96	132.03	131.89	101.44	647.78	647.64	495.48
2027-06-02	1.76	1.73	1.33	0.85	0.82	0.63	0.17	0.14	0.11	0.98	0.97	0.74	0.78	0.77	0.59	0.23	0.22	0.17	102.04	101.94	78.54	131.47	131.37	101.03	647.22	647.12	495.06
2027-06-03	1.68	1.65	1.29	0.80	0.78	0.61	0.16	0.13	0.11	0.93	0.92	0.72	0.74	0.73	0.57	0.22	0.21	0.16	101.59	101.50	78.18	131.02	130.93	100.67	646.77	646.68	494.70
2027-06-04	1.60	1.57	1.25	0.77	0.74	0.59	0.15	0.13	0.10	0.89	0.88	0.70	0.71	0.70	0.55	0.21	0.20	0.16	101.22	101.13	77.88	130.65	130.56	100.37	646.40	646.32	494.40
2027-06-05	1.61	1.58	1.23	0.77	0.74	0.58	0.15	0.12	0.10	0.90	0.88	0.68	0.71	0.70	0.54	0.21	0.20	0.15	100.91	100.83	77.62	130.34	130.26	100.11	646.09	646.01	494.14
2027-06-06	1.61	1.58	1.20	0.77	0.75	0.57	0.15	0.13	0.10	0.90	0.88	0.66	0.71	0.70	0.53	0.21	0.20	0.15	100.64	100.57	77.41	130.07	130.00	99.89	645.83	645.76	493.93
2027-06-07	1.54	1.52	1.17	0.74	0.72	0.55	0.15	0.12	0.10	0.86	0.84	0.65	0.68	0.67	0.51	0.20	0.19	0.15	100.42	100.35	77.22	129.85	129.78	99.70	645.60	645.54	493.74
2027-06-08	1.48	1.46	1.14	0.71	0.69	0.54	0.14	0.12	0.10	0.83	0.81	0.63	0.66	0.64	0.50	0.19	0.18	0.14	100.23	100.16	77.05	129.66	129.60	99.54	645.41	645.35	493.58
2027-06-09	1.42	1.40	1.11	0.68	0.66	0.53	0.14	0.11	0.09	0.80	0.78	0.62	0.63	0.62	0.49	0.19	0.18	0.14	100.06	100.00	76.91	129.49	129.43	99.40	645.24	645.19	493.43
2027-06-10	1.38	1.35	1.09	0.66	0.64	0.52	0.13	0.11	0.09	0.77	0.75	0.61	0.61	0.60	0.48	0.18	0.17	0.14	99.91	99.86	76.79	129.34	129.29	99.27	645.10	645.04	493.31
2027-06-11	1.44	1.41	1.10	0.69	0.66	0.52	0.14	0.11	0.09	0.80	0.79	0.61	0.64	0.63	0.49	0.19	0.18	0.14	99.80	99.75	76.67	129.23	129.18	99.16	644.98	644.93	493.20
2027-06-12	1.57	1.53	1.11	0.75	0.72	0.53	0.15	0.12	0.10	0.87	0.86	0.62	0.70	0.68	0.49	0.21	0.19	0.14	99.70	99.65	76.58	129.13	129.08	99.06	644.88	644.84	493.10
2027-06-13	3.18	3.00	1.92	1.53	1.34	0.87	0.30	0.12	0.09	1.77	1.74	1.11	1.41	1.38	0.88	0.42	0.39	0.25	99.61	99.56	76.49	129.04	128.99	98.97	644.79	644.74	493.01
2027-06-14	5.48	5.23	3.32	2.63	2.38	1.51	0.53	0.28	0.17	3.06	3.00	1.91	2.43	2.38	1.51	0.72	0.67	0.43	99.52	99.48	76.41	128.96	128.91	98.90	644.71	644.67	492.93
2027-06-15	3.28	3.33	2.01	1.57	1.62	0.99	0.31	0.36	0.24	1.83	1.80	1.08	1.46	1.43	0.85	0.43	0.40	0.24	152.32	152.28	116.74	187.26	187.22	143.44	1003.12	1003.08	766.75
2027-06-16	3.09	3.02	1.82	1.48	1.41	0.86	0.30	0.23	0.14	1.72	1.69	1.02	1.37	1.34	0.81	0.41	0.38	0.23	152.24	152.20	116.67	187.18	187.14	143.37	1003.04	1003.00	766.69
2027-06-17	2.92	2.86	1.74	1.40	1.34	0.82	0.28	0.22	0.14	1.63	1.60	0.97	1.30	1.27	0.77	0.38	0.36	0.22	152.17	152.13	116.61	187.11	187.07	143.31	1002.97	1002.93	766.63
2027-06-18	2.66	2.61	1.65	1.28	1.23	0.78	0.26	0.20	0.13	1.49	1.46	0.92	1.18	1.16	0.73	0.35	0.33	0.21	152.11	152.07	116.56	187.05	187.01	143.26	1002.91	1002.87	766.57
2027-06-19	2.45	2.40	1.58	1.18	1.13	0.74	0.23	0.19	0.13	1.37	1.34	0.88	1.09	1.07	0.70	0.32	0.30	0.20	174.77	173.17	130.20	209.71	208.11	156.90	1025.57	1023.97	780.21
2027-06-20	2.27	2.23	1.51	1.09	1.05	0.71	0.22	0.18	0.12	1.27	1.24	0.84	1.01	0.99	0.67	0.30	0.28	0.19	230.54	228.43	164.05	265.48	263.37	190.74	1081.34	1079.23	814.06
2027-06-21	2.12	2.08	1.45	1.02	0.98	0.68	0.20	0.16	0.12	1.18	1.16	0.81	0.94	0.92	0.64	0.28	0.26	0.18	186.03	185.66	140.22	220.97	220.60	166.91	1036.83	1036.46	790.23
2027-06-22	1.99	1.95	1.40	0.95	0.92	0.66	0.19	0.15	0.11	1.11	1.09	0.78	0.88	0.86	0.62	0.26	0.24	0.17	172.52	172.98	132.86	207.46	207.92	159.55	1023.32	1023.78	782.87
2027-06-23	1.87	1.84	1.35	0.90	0.87	0.64	0.18	0.15	0.11	1.05	1.03	0.75	0.83	0.81	0.60	0.25	0.23	0.17	166.04	166.41	127.00	200.98	201.35	153.69	1016.84	1017.21	777.01
2027-06-24	1.77	1.74	1.31	0.85	0.82	0.62	0.17	0.14	0.11	0.99	0.97	0.73	0.79	0.77	0.58	0.23	0.22	0.16	163.88	162.91	125.55	198.82	197.85	152.25	1014.68	1013.71	775.56
2027-06-25	1.69	1.66	1.27	0.81	0.78	0.60	0.16	0.13	0.10	0.94	0.93	0.71	0.75	0.73	0.56	0.22	0.21	0.16	162.27	161.99	124.30	197.21	196.93	150.99	1013.07	1012.79	774.31
2027-06-26	1.66	1.63	1.23	0.80	0.77	0.58	0.16	0.13	0.10	0.93	0.91	0.69	0.74	0.72	0.54	0.22	0.20	0.15	159.89	159.71	122.67	194.83	194.65	149.36	1010.69	1010.51	772.68
2027-06-27	1.64	1.61	1.20	0.79	0.76	0.57	0.16	0.13	0.10	0.91	0.90	0.67	0.73	0.71	0.53	0.22	0.20	0.15	158.25	158.09	121.50	193.19	193.03	148.19	1009.05	1008.89	771.51
2027-06-28	1.57	1.54	1.17	0.75	0.73	0.55	0.15	0.12	0.10	0.87	0.86	0.65	0.70	0.68	0.52	0.21	0.19	0.15	157.06	156.92	120.61	192.00	191.86	147.31	1007.86	1007.72	770.63
2027-06-29	1.83	1.77	1.27	0.88	0.82	0.60	0.17	0.12	0.10	1.02	1.00	0.71	0.81	0.79	0.57	0.24	0.22	0.16	156.16	156.03	119.93	191.10	190.97	146.62	1006.96	1006.83	769.94
2027-06-30	2.51	2.41	1.63	1.20	1.11	0.76	0.24	0.15	0.11	1.40	1.37	0.92	1.11	1.09	0.73	0.33	0.31	0.21	155.46	155.35	119.39	190.40	190.29	146.08	1006.26	1006.15	769.40
2027-07-01	1.96	1.95	1.36	0.94	0.93	0.65	0.19	0.18	0.13	1.09	1.07	0.75	0.87	0.85	0.59	0.26	0.24	0.17	154.91	154.81	146.23	189.85	189.75	179.28	1005.71	1005.61	950.92
2027-07-02	1.85	1.82	1.30	0.89	0.86	0.62	0.18	0.15	0.11	1.03	1.01	0.72	0.82	0.80	0.57	0.24	0.23	0.16	154.46	154.37	145.87	189.40					

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2027-08-01	2.33	2.29	2.23	1.12	1.08	1.05	0.22	0.18	0.18	1.30	1.28	1.25	1.04	1.01	0.99	0.31	0.29	0.28	71.43	71.28	63.57	93.31	93.16	83.07	560.30	560.15	499.29
2027-08-02	2.17	2.13	2.08	1.04	1.00	0.98	0.21	0.17	0.16	1.21	1.19	1.16	0.96	0.94	0.92	0.29	0.27	0.26	74.17	73.93	65.77	96.05	95.81	85.27	563.03	562.79	501.50
2027-08-03	2.03	2.00	1.95	0.98	0.94	0.92	0.19	0.16	0.15	1.13	1.11	1.09	0.90	0.88	0.86	0.27	0.25	0.24	71.50	71.52	63.72	93.38	93.40	83.22	560.36	560.39	499.45
2027-08-04	1.91	1.88	1.84	0.92	0.88	0.87	0.18	0.15	0.15	1.07	1.05	1.03	0.85	0.83	0.82	0.25	0.24	0.23	71.26	71.19	63.46	93.14	93.07	82.96	560.12	560.05	499.18
2027-08-05	1.81	1.78	1.75	0.87	0.84	0.82	0.17	0.14	0.14	1.01	0.99	0.97	0.80	0.79	0.77	0.24	0.22	0.22	71.83	71.71	63.85	93.71	93.59	83.35	560.70	560.58	499.57
2027-08-06	1.72	1.69	1.66	0.82	0.80	0.78	0.16	0.14	0.14	0.96	0.94	0.93	0.76	0.75	0.73	0.23	0.21	0.21	73.54	73.34	65.05	95.42	95.22	84.55	562.40	562.20	500.77
2027-08-07	1.83	1.79	1.72	0.88	0.84	0.81	0.18	0.13	0.13	1.02	1.01	0.97	0.81	0.80	0.77	0.24	0.23	0.22	72.62	72.55	64.42	94.50	94.43	83.93	561.48	561.41	500.15
2027-08-08	1.94	1.90	1.79	0.93	0.89	0.84	0.19	0.15	0.14	1.08	1.06	1.00	0.86	0.84	0.79	0.26	0.24	0.23	72.19	72.11	64.11	94.07	93.99	83.61	561.06	560.97	499.84
2027-08-09	1.83	1.80	1.70	0.88	0.85	0.80	0.18	0.14	0.14	1.02	1.00	0.95	0.81	0.80	0.75	0.24	0.23	0.21	71.84	71.76	63.86	93.72	93.64	83.36	560.70	560.62	499.58
2027-08-10	1.74	1.71	1.62	0.83	0.80	0.77	0.17	0.14	0.13	0.97	0.95	0.91	0.77	0.75	0.72	0.23	0.21	0.20	71.54	71.47	63.65	93.42	93.35	83.15	560.41	560.33	499.37
2027-08-11	1.65	1.63	1.55	0.79	0.77	0.73	0.16	0.13	0.13	0.92	0.91	0.87	0.73	0.72	0.69	0.22	0.20	0.19	71.29	71.23	63.47	93.17	93.11	82.97	560.16	560.09	499.19
2027-08-12	1.58	1.55	1.49	0.76	0.73	0.70	0.15	0.13	0.12	0.88	0.87	0.83	0.70	0.69	0.66	0.21	0.19	0.19	71.08	71.01	63.30	92.96	92.89	82.81	559.94	559.88	499.03
2027-08-13	1.51	1.49	1.43	0.73	0.70	0.68	0.15	0.12	0.12	0.85	0.83	0.80	0.67	0.66	0.63	0.20	0.19	0.18	70.89	70.83	63.16	92.77	92.71	82.66	559.75	559.69	498.89
2027-08-14	1.46	1.43	1.38	0.70	0.68	0.65	0.14	0.12	0.11	0.81	0.80	0.77	0.65	0.63	0.61	0.19	0.18	0.17	70.73	70.67	63.04	92.61	92.55	82.54	559.59	559.54	498.76
2027-08-15	1.40	1.38	1.34	0.67	0.65	0.63	0.13	0.11	0.11	0.78	0.77	0.74	0.62	0.61	0.59	0.18	0.17	0.17	31.92	31.87	28.47	43.49	43.44	38.78	242.99	242.94	216.59
2027-08-16	1.36	1.34	1.29	0.65	0.63	0.61	0.13	0.11	0.11	0.76	0.74	0.72	0.60	0.59	0.57	0.18	0.17	0.16	31.80	31.75	28.37	43.37	43.32	38.68	242.86	242.81	216.50
2027-08-17	1.31	1.30	1.26	0.63	0.61	0.59	0.13	0.11	0.10	0.73	0.72	0.70	0.58	0.57	0.55	0.17	0.16	0.16	31.69	31.64	28.28	43.26	43.21	38.60	242.75	242.71	216.41
2027-08-18	1.28	1.26	1.22	0.61	0.59	0.58	0.12	0.10	0.10	0.71	0.70	0.68	0.57	0.55	0.54	0.17	0.16	0.15	31.59	31.54	28.21	43.16	43.11	38.52	242.65	242.61	216.33
2027-08-19	1.24	1.22	1.19	0.59	0.58	0.56	0.12	0.10	0.10	0.69	0.68	0.66	0.55	0.54	0.52	0.16	0.15	0.15	31.50	31.46	28.13	43.07	43.03	38.45	242.57	242.52	216.26
2027-08-20	1.21	1.19	1.16	0.58	0.56	0.55	0.12	0.10	0.10	0.67	0.66	0.64	0.54	0.52	0.51	0.16	0.15	0.14	31.42	31.38	28.07	42.99	42.95	38.38	242.49	242.45	216.19
2027-08-21	1.29	1.26	1.21	0.62	0.59	0.57	0.12	0.10	0.10	0.72	0.70	0.68	0.57	0.56	0.54	0.17	0.16	0.15	31.35	31.31	28.01	42.92	42.88	38.32	242.41	242.38	216.14
2027-08-22	1.48	1.45	1.34	0.71	0.68	0.63	0.14	0.11	0.11	0.83	0.81	0.75	0.66	0.65	0.59	0.20	0.18	0.17	31.28	31.24	27.96	42.85	42.81	38.27	242.35	242.31	216.08
2027-08-23	1.31	1.30	1.24	0.63	0.62	0.59	0.13	0.11	0.11	0.73	0.72	0.69	0.58	0.57	0.54	0.17	0.16	0.15	31.22	31.19	27.91	42.79	42.76	38.22	242.29	242.25	216.03
2027-08-24	1.28	1.26	1.20	0.61	0.59	0.57	0.12	0.10	0.10	0.71	0.70	0.67	0.57	0.55	0.53	0.17	0.16	0.15	31.29	31.25	27.95	42.86	42.82	38.26	242.36	242.32	216.07
2027-08-25	1.24	1.13	1.17	0.60	0.49	0.56	0.12	0.01	0.10	0.69	0.68	0.65	0.55	0.54	0.52	0.16	0.15	0.15	32.06	31.97	28.44	43.63	43.54	38.76	243.12	243.04	216.57
2027-08-26	1.21	1.19	1.15	0.58	0.56	0.54	0.12	0.10	0.10	0.67	0.66	0.64	0.54	0.52	0.50	0.16	0.15	0.14	32.32	32.25	28.69	43.89	43.82	39.00	243.39	243.32	216.82
2027-08-27	1.18	1.16	1.12	0.57	0.55	0.53	0.11	0.10	0.10	0.66	0.65	0.62	0.52	0.51	0.49	0.16	0.14	0.14	31.76	31.73	28.29	43.33	43.30	38.61	242.83	242.80	216.42
2027-08-28	1.17	1.15	1.10	0.56	0.54	0.52	0.11	0.10	0.09	0.65	0.64	0.61	0.52	0.51	0.48	0.15	0.14	0.14	31.66	31.61	28.20	43.23	43.18	38.51	242.72	242.68	216.33
2027-08-29	1.15	1.14	1.09	0.55	0.54	0.52	0.11	0.10	0.10	0.64	0.63	0.60	0.51	0.50	0.48	0.15	0.14	0.13	31.56	31.52	28.13	43.13	43.09	38.44	242.63	242.58	216.26
2027-08-30	1.13	1.12	1.06	0.54	0.53	0.51	0.11	0.10	0.09	0.63	0.62	0.59	0.50	0.49	0.47	0.15	0.14	0.13	31.47	31.43	28.07	43.04	43.00	38.38	242.54	242.50	216.19
2027-08-31	1.11	1.09	1.04	0.53	0.52	0.50	0.11	0.09	0.09	0.62	0.61	0.58	0.49	0.48	0.46	0.15	0.14	0.13	31.40	31.36	28.01	42.97	42.93	38.32	242.47	242.43	216.14
2027-09-01	1.08	1.07	1.03	0.52	0.51	0.49	0.10	0.09	0.09	0.60	0.59	0.57	0.48	0.47	0.45	0.14	0.13	0.13	31.33	31.29	27.99	42.90	42.86	41.11	242.40	242.36	232.83
2027-09-02	1.06	1.05	1.01	0.51	0.50	0.48	0.10	0.09	0.09	0.59	0.58	0.56	0.47	0.46	0.44	0.14	0.13	0.13	31.26	31.23	27.95	42.83	42.80	41.06	242.33	242.30	232.78
2027-09-03	1.04	1.03	0.99	0.50	0.49	0.47	0.10	0.09	0.09	0.58	0.57	0.55	0.46	0.45	0.44	0.14	0.13	0.12	31.21	31.17	27.90	42.78	42.74	41.02	242.27	242.24	232.74
2027-09-04	1.06	1.05	1.01	0.51	0.50	0.48	0.10	0.09	0.09	0.59	0.58	0.56	0.47	0.46	0.44	0.14	0.13	0.13	31.15	31.12	27.86	42.72	42.69	40.98	242.22	242.19	232.70
2027-09-05	1.08	1.07	1.03	0.52	0.51	0.49	0.10	0.09	0.09	0.60	0.59	0.57	0.48	0.47	0.45	0.14	0.13	0.13	31.10	31.07	27.82	42.67	42.64	40.94	242.17	242.14	232.66
2027-09-06	1.06	1.05	1.01	0.51	0.50	0.48	0.10	0.09	0.09	0.59	0.58	0.56	0.47	0.46	0.44	0.14	0.13	0.13	31.19	31.15	27.90	42.76	42.72	41.01	242.26	242.22	232.73
2027-09-07	1.07	1.06	1.02	0.51	0.50	0.49	0.10	0.09	0.09	0.60	0.59	0.57	0.48	0.47	0.45	0.14	0.13	0.13	34.08	33.85	32.50	45.65	45.42	43.62	245.15	244.92	235.33
2027-09-08	1.08	1.07	1.04	0.52	0.51	0.49	0.10	0.09	0.09	0.60	0.59	0.57	0.48	0.47	0.45	0.14	0.13	0.13	37.67	37.34	35.82	49.24	48.91	46.93	248.74	248.41	238.65
2027-09-09	1.06	1.05	1.02	0.51	0.50	0.48	0.10	0.09	0.09	0.59	0.58	0.56	0.47	0.46	0.45	0.14	0.13	0.13	34.37	34.38	32.88	45.94	45.95	44.00	245.44	245.45	235.72
2027-09-10	1.04	1.03	1.00	0.50	0.49	0.48	0.10	0.09	0.09	0.58	0.57	0.55	0.46	0.45	0.44	0.14	0.13	0.12	33.87	33.77	32.34	45.44	45.34	43.46	244.94	244.84	235.17
2027-09-11	1.02	1.01	0.99	0.49	0.48	0.47	0.10	0.09	0.09	0.57	0.56	0.55	0.45	0.44	0.43	0.13	0.13	0.12	33.46	33.37	31.99	45.02	44.94	43.10	244.52	244.44	234.82
2027-09-12	2.26	2.13	2.08	1.08	0.95	0.93	0.22	0.09	0.09	1.26	1.24	1.21	1.00	0.98	0.96	0.30	0.28	0.27									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2027-10-11	1.41	1.28	1.34	0.68	0.54	0.57	0.14	0.00	0.00	0.79	0.77	0.81	0.63	0.61	0.64	0.19	0.17	0.18	22.16	21.85	21.92	30.88	30.58	30.62	163.73	163.42	162.95
2027-10-12	2.21	2.00	2.17	1.06	0.85	0.94	0.21	0.00	0.04	1.23	1.21	1.30	0.98	0.96	1.03	0.29	0.27	0.29	21.79	21.51	21.58	30.51	30.23	30.27	163.36	163.08	162.60
2027-10-13	3.73	3.55	3.83	1.79	1.61	1.74	0.36	0.17	0.19	2.08	2.04	2.21	1.66	1.62	1.75	0.49	0.46	0.49	21.48	21.29	21.29	30.21	30.01	29.98	163.06	162.86	162.31
2027-10-14	2.35	2.37	2.56	1.13	1.15	1.24	0.23	0.25	0.27	1.31	1.29	1.39	1.04	1.02	1.11	0.31	0.29	0.31	21.22	21.15	21.04	29.95	29.88	29.73	162.80	162.72	162.06
2027-10-15	2.19	2.14	2.30	1.05	1.01	1.08	0.21	0.17	0.18	1.22	1.20	1.29	0.97	0.95	1.02	0.29	0.27	0.29	20.24	20.17	20.07	28.41	28.34	28.20	139.38	139.31	138.74
2027-10-16	2.05	1.99	2.13	0.98	0.93	0.99	0.20	0.14	0.15	1.14	1.12	1.20	0.91	0.89	0.95	0.27	0.25	0.27	20.08	20.01	19.91	28.25	28.18	28.05	139.22	139.15	138.59
2027-10-17	1.92	1.88	1.99	0.92	0.88	0.93	0.18	0.14	0.15	1.07	1.05	1.12	0.85	0.84	0.89	0.25	0.24	0.25	19.90	20.16	19.75	28.07	28.33	27.89	139.04	139.30	138.42
2027-10-18	1.82	1.79	1.89	0.87	0.84	0.89	0.17	0.14	0.15	1.01	1.00	1.05	0.81	0.79	0.84	0.24	0.22	0.24	19.75	19.55	19.61	27.92	27.72	27.75	138.89	138.69	138.29
2027-10-19	1.73	1.71	1.79	0.83	0.81	0.84	0.17	0.14	0.14	0.97	0.95	1.00	0.77	0.75	0.79	0.23	0.21	0.22	19.61	19.43	19.47	27.78	27.60	27.61	138.75	138.57	138.15
2027-10-20	1.68	1.68	1.76	0.80	0.81	0.84	0.16	0.17	0.16	0.94	0.92	0.97	0.74	0.73	0.77	0.22	0.21	0.22	19.49	19.39	19.36	27.66	27.56	27.50	138.63	138.53	138.03
2027-10-21	1.72	1.56	1.67	0.83	0.66	0.71	0.17	0.00	0.00	0.96	0.94	1.01	0.77	0.75	0.80	0.23	0.21	0.23	19.39	19.33	19.26	27.56	27.50	27.40	138.53	138.47	137.93
2027-10-22	1.75	1.59	1.86	0.84	0.68	0.87	0.17	0.00	0.14	0.98	0.96	1.04	0.78	0.76	0.83	0.23	0.22	0.23	19.29	19.25	19.27	27.46	27.42	27.41	138.43	138.39	137.95
2027-10-23	1.69	1.66	1.81	0.81	0.78	0.85	0.16	0.13	0.14	0.94	0.93	1.01	0.75	0.73	0.80	0.22	0.21	0.23	19.21	19.17	19.07	27.37	27.33	27.21	138.35	138.31	137.74
2027-10-24	1.63	1.60	1.75	0.78	0.76	0.82	0.16	0.13	0.14	0.91	0.89	0.98	0.72	0.71	0.77	0.21	0.20	0.22	19.13	19.09	18.91	27.30	27.26	27.04	138.27	138.23	137.58
2027-10-25	1.57	1.55	1.68	0.75	0.73	0.79	0.15	0.13	0.13	0.88	0.86	0.94	0.70	0.68	0.74	0.21	0.19	0.21	19.06	19.02	18.91	27.23	27.19	27.05	138.20	138.16	137.58
2027-10-26	1.51	1.49	1.60	0.72	0.70	0.76	0.14	0.12	0.13	0.84	0.83	0.89	0.67	0.66	0.71	0.20	0.19	0.20	19.07	19.03	18.95	27.23	27.19	27.09	138.21	138.17	137.63
2027-10-27	1.45	1.43	1.53	0.70	0.68	0.72	0.14	0.12	0.12	0.81	0.80	0.85	0.64	0.63	0.68	0.19	0.18	0.19	19.07	19.03	18.96	27.24	27.20	27.10	138.21	138.17	137.63
2027-10-28	1.40	1.38	1.47	0.67	0.65	0.69	0.13	0.11	0.11	0.78	0.77	0.82	0.62	0.61	0.65	0.18	0.17	0.18	19.00	18.96	18.89	27.17	27.13	27.03	138.14	138.10	137.57
2027-10-29	1.35	1.33	1.41	0.65	0.63	0.66	0.13	0.11	0.11	0.76	0.74	0.79	0.60	0.59	0.63	0.18	0.17	0.18	18.94	18.89	18.82	27.11	27.06	26.96	138.08	138.03	137.50
2027-10-30	1.35	1.33	1.40	0.65	0.62	0.65	0.13	0.10	0.11	0.76	0.74	0.78	0.60	0.59	0.62	0.18	0.17	0.18	18.89	18.84	18.77	27.06	27.01	26.91	138.03	137.98	137.45
2027-10-31	1.37	1.36	1.40	0.66	0.64	0.66	0.13	0.12	0.11	0.77	0.75	0.78	0.61	0.60	0.62	0.18	0.17	0.18	18.84	18.80	18.73	27.01	26.97	26.87	137.98	137.94	137.41
2027-11-01	1.37	1.35	1.39	0.66	0.64	0.66	0.13	0.11	0.11	0.76	0.75	0.78	0.61	0.59	0.62	0.18	0.17	0.17	18.80	18.78	18.80	26.97	26.95	26.98	137.94	137.92	138.17
2027-11-02	1.35	1.34	1.39	0.65	0.63	0.66	0.13	0.12	0.12	0.75	0.74	0.77	0.60	0.59	0.61	0.18	0.17	0.17	18.76	18.72	18.75	26.93	26.89	26.94	137.90	137.86	138.12
2027-11-03	1.31	1.29	1.34	0.63	0.61	0.63	0.13	0.10	0.11	0.73	0.72	0.75	0.58	0.57	0.59	0.17	0.16	0.17	18.72	18.69	18.72	26.89	26.86	26.90	137.86	137.83	138.08
2027-11-04	1.28	1.25	1.29	0.61	0.59	0.61	0.12	0.10	0.10	0.71	0.70	0.72	0.57	0.55	0.57	0.17	0.16	0.16	18.68	18.64	18.67	26.85	26.81	26.86	137.82	137.78	138.04
2027-11-05	1.24	1.21	1.25	0.60	0.57	0.59	0.12	0.09	0.09	0.69	0.68	0.70	0.55	0.54	0.56	0.16	0.15	0.16	18.65	18.61	18.64	26.82	26.78	26.83	137.79	137.75	138.01
2027-11-06	1.21	1.19	1.22	0.58	0.56	0.57	0.12	0.09	0.10	0.67	0.66	0.68	0.54	0.52	0.54	0.16	0.15	0.15	18.62	18.58	18.61	26.79	26.75	26.80	137.76	137.72	137.98
2027-11-07	1.18	1.16	1.19	0.57	0.55	0.56	0.11	0.09	0.10	0.66	0.65	0.66	0.52	0.51	0.53	0.16	0.14	0.15	18.59	18.56	18.59	26.76	26.73	26.78	137.73	137.70	137.96
2027-11-08	1.15	1.14	1.17	0.55	0.54	0.55	0.11	0.10	0.10	0.64	0.63	0.65	0.51	0.50	0.52	0.15	0.14	0.15	18.57	18.53	18.57	26.74	26.70	26.75	137.71	137.67	137.93
2027-11-09	1.13	1.11	1.14	0.54	0.53	0.54	0.11	0.09	0.10	0.63	0.62	0.63	0.50	0.49	0.50	0.15	0.14	0.14	18.54	18.52	18.55	26.71	26.68	26.73	137.68	137.66	137.91
2027-11-10	1.10	1.08	1.11	0.53	0.51	0.52	0.11	0.08	0.09	0.62	0.60	0.62	0.49	0.48	0.49	0.15	0.14	0.14	18.52	18.49	18.52	26.69	26.66	26.70	137.66	137.63	137.89
2027-11-11	1.08	1.06	1.09	0.52	0.50	0.51	0.10	0.08	0.09	0.60	0.59	0.61	0.48	0.47	0.48	0.14	0.13	0.14	18.50	18.47	18.50	26.67	26.64	26.68	137.64	137.61	137.87
2027-11-12	1.06	1.05	1.07	0.51	0.49	0.50	0.10	0.09	0.09	0.59	0.58	0.59	0.47	0.46	0.47	0.14	0.13	0.13	18.48	18.45	18.48	26.65	26.62	26.67	137.62	137.59	137.85
2027-11-13	1.04	1.02	1.04	0.50	0.48	0.49	0.10	0.08	0.08	0.58	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	18.48	18.45	18.49	26.64	26.62	26.67	137.62	137.59	137.85
2027-11-14	1.03	1.02	1.04	0.49	0.48	0.49	0.10	0.09	0.09	0.57	0.56	0.58	0.46	0.45	0.46	0.14	0.13	0.13	18.48	18.48	18.52	26.65	26.64	26.70	137.62	137.62	137.88
2027-11-15	1.02	1.02	1.05	0.49	0.49	0.50	0.10	0.10	0.10	0.57	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	18.66	18.64	18.69	27.32	27.31	27.36	123.16	123.15	123.39
2027-11-16	1.04	1.04	1.07	0.50	0.50	0.51	0.10	0.09	0.10	0.58	0.57	0.59	0.46	0.45	0.47	0.14	0.13	0.13	18.64	18.61	18.65	27.30	27.28	27.33	123.14	123.12	123.36
2027-11-17	1.06	1.04	1.07	0.51	0.49	0.51	0.10	0.09	0.09	0.59	0.58	0.60	0.47	0.46	0.47	0.14	0.13	0.13	18.62	18.59	18.63	27.28	27.26	27.31	123.13	123.10	123.34
2027-11-18	1.04	1.02	1.05	0.50	0.48	0.50	0.10	0.09	0.09	0.58	0.57	0.59	0.46	0.45	0.46	0.14	0.13	0.13	18.60	18.58	18.62	27.27	27.24	27.29	123.11	123.08	123.32
2027-11-19	1.02	1.01	1.03	0.49	0.48	0.49	0.10	0.08	0.09	0.57	0.56	0.57	0.45	0.44	0.46	0.13	0.13	0.13	18.59	18.57	18.61	27.25	27.23	27.28	123.09	123.07	123.31
2027-11-20	1.00	0.99	1.01	0.48	0.47	0.48	0.10	0.08	0.08	0.56	0.55	0.56	0.45	0.44	0.45	0.13	0.12	0.13	18.57	18.55	18.59	27.24	27.21	27.27	123.08	123.05	123.29
2027-11-21	0.99	0.97	1.00	0.47	0.46	0.47	0.09	0.08	0.08	0.55	0.54	0.56	0.44	0.43	0.44	0.13	0.12	0.12	18.56	18.52	18.56	27.22	27.19	27.24	123.07	123.03	123.27
2027-11-22	0.98	0.96	0.98	0.47	0.45	0.46	0.09	0.08	0.08	0.54	0.53	0.55	0.43	0.42	0.43	0.13	0.12	0.12									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2027-12-21	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.62	13.60	13.62	19.84	19.82	19.85	83.67	83.64	83.77
2027-12-22	0.80	0.79	0.79	0.38	0.38	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.62	13.61	13.62	19.85	19.83	19.85	83.67	83.65	83.78
2027-12-23	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.62	19.85	19.83	19.85	83.67	83.65	83.78
2027-12-24	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.63	19.85	19.83	19.86	83.67	83.65	83.78
2027-12-25	0.80	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.63	19.85	19.83	19.86	83.67	83.65	83.78
2027-12-26	0.80	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.63	19.85	19.83	19.86	83.67	83.65	83.78
2027-12-27	0.80	0.79	0.79	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.68	13.66	13.69	19.90	19.88	19.92	83.73	83.71	83.84
2027-12-28	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.75	13.73	13.76	19.97	19.95	19.99	83.79	83.77	83.91
2027-12-29	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.64	13.62	13.64	19.86	19.84	19.87	83.68	83.67	83.80
2027-12-30	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.63	19.85	19.83	19.86	83.67	83.65	83.78
2027-12-31	0.80	0.78	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.63	19.85	19.83	19.86	83.67	83.66	83.79
2028-01-01	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.62	13.62	19.85	19.84	19.84	83.67	83.66	83.70
2028-01-02	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.60	13.61	19.85	19.82	19.83	83.68	83.65	83.69
2028-01-03	0.81	0.78	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.61	19.85	19.83	19.83	83.68	83.65	83.69
2028-01-04	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.63	13.61	13.61	19.86	19.83	19.83	83.68	83.65	83.69
2028-01-05	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.64	13.61	13.61	19.86	19.83	19.84	83.68	83.65	83.69
2028-01-06	0.81	0.79	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.64	13.61	13.62	19.86	19.83	19.84	83.68	83.65	83.69
2028-01-07	0.81	0.79	0.79	0.39	0.37	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.64	13.61	13.62	19.86	19.83	19.84	83.68	83.66	83.70
2028-01-08	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.74	13.71	13.74	19.96	19.93	19.96	83.78	83.75	83.82
2028-01-09	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.94	13.90	13.98	20.16	20.12	20.20	83.99	83.95	84.06
2028-01-10	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.83	13.81	13.86	20.05	20.03	20.08	83.87	83.85	83.94
2028-01-11	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.64	13.62	13.63	19.86	19.84	19.85	83.68	83.66	83.71
2028-01-12	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.62	13.59	13.60	19.84	19.82	19.82	83.66	83.64	83.67
2028-01-13	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.62	13.59	13.59	19.84	19.81	19.82	83.67	83.64	83.67
2028-01-14	0.82	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.62	13.59	13.60	19.84	19.81	19.82	83.67	83.64	83.67
2028-01-15	0.82	0.80	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.52	16.42	16.39	16.40	69.60	69.57	69.60
2028-01-16	0.82	0.80	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.52	16.42	16.40	16.40	69.60	69.57	69.60
2028-01-17	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.55	10.53	10.53	16.42	16.40	16.40	69.60	69.58	69.61
2028-01-18	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.55	10.53	10.53	16.43	16.40	16.40	69.60	69.58	69.61
2028-01-19	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.55	10.53	10.53	16.43	16.41	16.41	69.60	69.58	69.61
2028-01-20	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.56	10.53	10.53	16.43	16.40	16.41	69.61	69.58	69.61
2028-01-21	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.56	10.53	10.53	16.43	16.40	16.41	69.61	69.58	69.61
2028-01-22	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.56	10.53	10.53	16.43	16.40	16.41	69.61	69.58	69.61
2028-01-23	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.56	10.53	10.53	16.43	16.40	16.41	69.61	69.58	69.61
2028-01-24	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.61	69.58	69.61
2028-01-25	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.56	10.54	10.54	16.43	16.41	16.41	69.61	69.59	69.62
2028-01-26	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.56	10.54	10.54	16.44	16.41	16.42	69.61	69.59	69.62
2028-01-27	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.56	10.54	10.54	16.44	16.41	16.42	69.61	69.59	69.62
2028-01-28	0.82	0.81	0.81	0.40	0.39	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.57	10.54	10.54	16.44	16.41	16.42	69.61	69.59	69.62
2028-01-29	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.57	10.54	10.54	16.44	16.41	16.42	69.62	69.59	69.62
2028-01-30	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.57	10.54	10.54	16.44	16.41	16.41	69.62	69.59	69.62
2028-01-31	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.57	10.54	10.54	16.44	16.42	16.42	69.62	69.59	69.62
2028-02-01	0.83	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.57	10.55	10.59	16.44	16.42	16.50	69.62	69.60	69.97
2028-02-02	0.83	0.81																									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2028-03-01	0.83	0.82	0.82	0.40	0.39	0.39	0.08	0.07	0.07	0.47	0.46	0.46	0.37	0.36	0.36	0.11	0.10	0.10	12.10	11.97	18.94	16.98	16.85	26.83	67.08	66.95	107.84
2028-03-02	0.83	0.82	0.84	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	12.82	12.71	20.17	17.70	17.58	28.07	67.80	67.68	109.07
2028-03-03	0.84	0.82	0.86	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.48	0.37	0.36	0.38	0.11	0.10	0.11	10.89	10.92	17.41	15.77	15.80	25.30	65.87	65.90	106.31
2028-03-04	0.85	0.83	1.05	0.41	0.39	0.49	0.08	0.07	0.07	0.47	0.46	0.59	0.38	0.37	0.47	0.11	0.10	0.13	10.86	10.83	17.21	15.74	15.71	25.10	65.84	65.80	106.11
2028-03-05	1.09	1.06	1.56	0.52	0.49	0.72	0.10	0.08	0.11	0.61	0.60	0.88	0.48	0.47	0.70	0.14	0.13	0.20	10.83	10.80	17.12	15.71	15.68	25.01	65.81	65.78	106.02
2028-03-06	1.35	1.34	1.85	0.65	0.64	0.88	0.13	0.12	0.17	0.76	0.74	1.02	0.60	0.59	0.81	0.18	0.17	0.23	10.81	10.78	17.04	15.69	15.66	24.93	65.79	65.75	105.94
2028-03-07	0.85	0.87	1.18	0.41	0.42	0.58	0.08	0.10	0.14	0.47	0.47	0.63	0.38	0.37	0.50	0.11	0.10	0.14	10.78	10.75	16.97	15.66	15.63	24.86	65.76	65.73	105.87
2028-03-08	0.80	0.79	0.98	0.38	0.37	0.47	0.08	0.07	0.09	0.44	0.44	0.54	0.35	0.35	0.43	0.10	0.10	0.12	10.76	10.73	16.91	15.64	15.61	24.80	65.74	65.71	105.81
2028-03-09	0.80	0.79	0.96	0.38	0.37	0.45	0.08	0.07	0.08	0.45	0.44	0.53	0.35	0.35	0.42	0.11	0.10	0.12	10.74	10.71	16.86	15.62	15.59	24.75	65.72	65.69	105.76
2028-03-10	0.80	0.79	0.94	0.38	0.37	0.44	0.08	0.06	0.08	0.45	0.44	0.53	0.35	0.35	0.42	0.11	0.10	0.12	10.72	10.69	16.82	15.60	15.57	24.71	65.70	65.67	105.72
2028-03-11	0.80	0.79	0.93	0.38	0.37	0.44	0.08	0.06	0.07	0.45	0.44	0.52	0.36	0.35	0.41	0.11	0.10	0.12	10.70	10.67	16.84	15.58	15.55	24.73	65.68	65.65	105.74
2028-03-12	0.80	0.79	0.92	0.38	0.37	0.43	0.08	0.06	0.07	0.45	0.44	0.51	0.36	0.35	0.41	0.11	0.10	0.12	10.77	10.74	17.36	15.65	15.62	25.25	65.75	65.71	106.26
2028-03-13	0.80	0.79	0.94	0.38	0.37	0.44	0.08	0.06	0.07	0.45	0.44	0.52	0.36	0.35	0.42	0.11	0.10	0.12	11.90	11.81	19.20	16.78	16.69	27.09	66.88	66.79	108.10
2028-03-14	0.80	0.79	1.02	0.39	0.37	0.47	0.08	0.07	0.07	0.45	0.44	0.57	0.36	0.35	0.45	0.11	0.10	0.13	12.69	12.59	20.55	17.57	17.47	28.44	67.67	67.57	109.45
2028-03-15	0.80	0.79	0.95	0.39	0.37	0.45	0.08	0.06	0.08	0.45	0.44	0.53	0.36	0.35	0.42	0.11	0.10	0.12	14.51	14.51	24.29	21.31	21.31	35.29	83.57	83.57	135.96
2028-03-16	0.80	0.79	0.93	0.39	0.37	0.44	0.08	0.06	0.07	0.45	0.44	0.52	0.36	0.35	0.41	0.11	0.10	0.12	14.30	14.24	23.87	21.10	21.04	34.87	83.35	83.30	135.54
2028-03-17	0.80	0.79	0.94	0.39	0.37	0.44	0.08	0.06	0.07	0.45	0.44	0.53	0.36	0.35	0.42	0.11	0.10	0.12	14.20	14.15	23.46	21.01	20.95	34.45	83.26	83.21	135.13
2028-03-18	0.81	0.80	0.97	0.39	0.38	0.46	0.08	0.07	0.09	0.45	0.44	0.54	0.36	0.35	0.43	0.11	0.10	0.12	14.12	14.07	23.11	20.92	20.87	34.11	83.18	83.13	134.78
2028-03-19	0.81	0.80	0.95	0.39	0.38	0.45	0.08	0.07	0.08	0.45	0.44	0.53	0.36	0.35	0.42	0.11	0.10	0.12	14.05	14.00	22.91	20.85	20.80	33.90	83.11	83.06	134.57
2028-03-20	0.81	0.80	0.97	0.39	0.38	0.45	0.08	0.07	0.08	0.45	0.44	0.54	0.36	0.35	0.43	0.11	0.10	0.12	13.98	13.94	22.72	20.78	20.74	33.72	83.04	82.99	134.39
2028-03-21	1.09	1.06	1.54	0.53	0.49	0.71	0.10	0.07	0.10	0.61	0.60	0.88	0.49	0.48	0.70	0.14	0.13	0.20	13.92	13.88	22.50	20.72	20.68	33.50	82.98	82.93	134.17
2028-03-22	2.09	2.01	2.94	1.00	0.92	1.35	0.20	0.12	0.17	1.16	1.14	1.68	0.93	0.91	1.34	0.27	0.26	0.38	13.87	13.82	22.30	20.67	20.62	33.30	82.92	82.88	133.97
2028-03-23	2.31	2.27	3.57	1.11	1.07	1.66	0.22	0.18	0.25	1.29	1.27	2.01	1.03	1.01	1.60	0.30	0.29	0.45	13.82	13.77	22.13	20.62	20.57	33.13	82.87	82.83	133.80
2028-03-24	1.33	1.36	2.87	0.64	0.67	1.36	0.13	0.16	0.25	0.74	0.73	1.59	0.59	0.58	1.26	0.18	0.16	0.36	13.77	13.73	21.98	20.57	20.53	32.98	82.83	82.79	133.65
2028-03-25	1.44	1.42	3.06	0.69	0.67	1.43	0.14	0.12	0.22	0.80	0.79	1.72	0.64	0.63	1.36	0.19	0.18	0.39	13.73	13.69	21.85	20.53	20.49	32.85	82.78	82.74	133.52
2028-03-26	1.33	1.31	2.81	0.64	0.61	1.32	0.13	0.10	0.21	0.74	0.73	1.58	0.59	0.58	1.25	0.18	0.16	0.36	13.69	13.65	21.74	20.49	20.45	32.74	82.75	82.71	133.41
2028-03-27	1.29	1.27	2.61	0.62	0.59	1.22	0.12	0.10	0.19	0.72	0.71	1.47	0.57	0.56	1.17	0.17	0.16	0.33	13.66	13.63	21.81	20.46	20.43	32.81	82.72	82.69	133.48
2028-03-28	1.26	1.23	2.45	0.60	0.58	1.15	0.12	0.09	0.19	0.70	0.69	1.37	0.56	0.55	1.09	0.17	0.15	0.31	13.66	13.63	22.08	20.46	20.43	33.08	82.72	82.69	133.75
2028-03-29	1.22	1.20	2.29	0.59	0.56	1.07	0.12	0.09	0.17	0.68	0.67	1.29	0.54	0.53	1.02	0.16	0.15	0.29	13.70	13.67	22.43	20.50	20.47	33.43	82.76	82.73	134.10
2028-03-30	1.19	1.17	2.28	0.57	0.55	1.06	0.11	0.09	0.17	0.67	0.65	1.28	0.53	0.52	1.02	0.16	0.15	0.29	13.80	13.77	22.93	20.60	20.57	33.92	82.86	82.83	134.59
2028-03-31	1.28	1.25	2.52	0.61	0.59	1.17	0.12	0.10	0.18	0.71	0.70	1.42	0.57	0.56	1.13	0.17	0.16	0.32	14.17	14.12	23.57	20.97	20.93	34.56	83.23	83.18	135.23
2028-04-01	1.64	1.61	3.25	0.79	0.76	1.51	0.16	0.13	0.22	0.91	0.90	1.84	0.73	0.71	1.46	0.22	0.20	0.41	14.66	14.61	33.14	21.46	21.41	48.78	83.72	83.67	191.90
2028-04-02	1.52	1.50	4.19	0.73	0.71	1.94	0.15	0.13	0.27	0.85	0.83	2.38	0.67	0.66	1.89	0.20	0.19	0.53	14.78	14.74	34.98	21.59	21.54	50.61	83.84	83.80	193.74
2028-04-03	2.29	2.20	6.18	1.10	1.01	2.82	0.22	0.13	0.33	1.28	1.25	3.55	1.02	1.00	2.82	0.30	0.28	0.80	15.10	15.03	36.70	21.90	21.83	52.33	84.16	84.09	195.46
2028-04-04	2.69	2.62	9.90	1.29	1.22	4.54	0.26	0.18	0.58	1.50	1.48	5.65	1.20	1.17	4.48	0.35	0.33	1.27	16.07	15.95	39.32	22.87	22.75	54.96	85.13	85.01	198.08
2028-04-05	2.08	2.05	10.72	1.00	0.97	5.01	0.20	0.17	0.78	1.16	1.14	6.02	0.92	0.91	4.78	0.27	0.26	1.35	16.80	16.66	41.67	23.60	23.46	57.31	85.86	85.72	200.43
2028-04-06	2.01	1.96	8.83	0.96	0.92	4.16	0.19	0.15	0.71	1.12	1.10	4.93	0.89	0.87	3.91	0.26	0.25	1.11	16.75	16.64	41.71	23.56	23.44	57.34	85.81	85.70	200.47
2028-04-07	2.19	2.13	8.40	1.05	0.99	3.91	0.21	0.15	0.60	1.22	1.20	4.73	0.97	0.95	3.75	0.29	0.27	1.06	16.22	16.11	38.87	23.02	22.91	54.50	85.28	85.17	197.63
2028-04-08	2.68	2.61	8.50	1.29	1.22	4.00	0.26	0.19	0.69	1.49	1.47	4.74	1.19	1.17	3.76	0.35	0.33	1.07	15.87	15.76	36.72	22.67	22.56	52.36	84.92	84.82	195.48
2028-04-09	2.61	2.56	8.93	1.25	1.20	4.75	0.25	0.20	1.66	1.46	1.43	4.43	1.16	1.14	3.51	0.34	0.32	1.01	15.65	15.55	36.38	22.45	22.35	52.02	84.71	84.61	195.14
2028-04-10	2.48	2.43	6.38	1.19	1.14	2.71	0.24	0.19	0.00	1.39	1.36	3.86	1.10	1.08	3.06	0.33	0.31	0.86	15.46	15.37	36.53	22.26	22.17	52.17	84.51	84.42	195.29
2028-04-11	2.30	2.24	5.75	1.10	1.05	2.44	0.22	0.16	0.00	1.28	1.26	3.48	1.02	1.00	2.76	0.30	0.28	0.78	15.22	15.14	36.13	22.02	21.94	51.76	84.28	84.20	194.89
2028-04-12	2.14	2.09	5.53	1.03	0.98	2.51	0.21	0.15	0.28	1.19	1.17	3.19	0.95	0.93	2.53	0.28	0.26	0.72	15.02	14.94	36.30	21.82	21.74				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2028-05-11	3.28	3.11	1.54	1.58	1.40	0.72	0.31	0.14	0.11	1.83	1.80	0.87	1.46	1.43	0.69	0.43	0.40	0.19	37.61	37.11	23.28	49.95	49.45	31.67	200.26	199.76	133.87
2028-05-12	3.43	3.11	1.48	1.65	1.32	0.69	0.33	0.00	0.11	1.92	1.88	0.83	1.53	1.49	0.66	0.45	0.42	0.19	39.45	38.82	23.78	51.79	51.16	32.18	202.10	201.47	134.37
2028-05-13	3.77	3.60	1.46	1.81	1.64	0.68	0.36	0.19	0.10	2.10	2.06	0.82	1.67	1.64	0.65	0.50	0.46	0.18	41.17	40.55	25.15	53.51	52.89	33.54	203.82	203.20	135.74
2028-05-14	3.96	3.58	1.44	1.90	1.52	0.67	0.38	0.00	0.11	2.21	2.17	0.81	1.76	1.72	0.64	0.52	0.49	0.18	38.85	38.66	24.13	51.19	51.00	32.52	201.50	201.31	134.71
2028-05-15	4.41	3.99	1.58	2.12	1.70	0.73	0.42	0.00	0.10	2.46	2.42	0.90	1.96	1.92	0.71	0.58	0.54	0.20	116.16	115.98	77.28	149.17	148.99	99.72	730.13	729.95	494.71
2028-05-16	4.70	4.25	1.95	2.26	1.81	0.90	0.45	0.00	0.12	2.62	2.57	1.11	2.09	2.04	0.88	0.62	0.58	0.25	115.49	115.31	77.09	148.50	148.32	99.53	729.46	729.28	494.53
2028-05-17	4.20	3.91	1.67	2.02	1.73	0.78	0.40	0.12	0.13	2.34	2.30	0.93	1.87	1.82	0.74	0.55	0.51	0.21	115.66	115.44	77.19	148.66	148.45	99.63	729.62	729.41	494.63
2028-05-18	3.78	3.67	1.58	1.81	1.70	0.74	0.36	0.25	0.11	2.11	2.07	0.89	1.68	1.64	0.70	0.50	0.46	0.20	115.60	115.41	77.28	148.61	148.41	99.72	729.57	729.37	494.71
2028-05-19	3.77	3.64	1.60	1.81	1.68	0.74	0.36	0.23	0.11	2.10	2.06	0.91	1.67	1.64	0.72	0.50	0.46	0.20	114.97	114.81	77.10	147.98	147.82	99.54	728.94	728.78	494.53
2028-05-20	3.72	3.60	1.63	1.79	1.66	0.76	0.36	0.23	0.12	2.08	2.04	0.92	1.65	1.62	0.73	0.49	0.46	0.21	114.39	114.24	76.93	147.39	147.25	99.37	728.35	728.21	494.36
2028-05-21	3.40	3.31	1.56	1.63	1.53	0.73	0.33	0.23	0.11	1.90	1.86	0.88	1.51	1.48	0.69	0.45	0.42	0.20	119.14	118.64	81.21	152.15	151.65	103.65	733.11	732.61	498.64
2028-05-22	3.13	3.04	1.50	1.50	1.41	0.70	0.30	0.21	0.11	1.74	1.71	0.84	1.39	1.36	0.67	0.41	0.38	0.19	126.79	126.12	89.71	159.80	159.13	112.15	740.75	740.08	507.14
2028-05-23	2.83	2.75	1.44	1.36	1.28	0.67	0.27	0.19	0.11	1.58	1.55	0.81	1.26	1.23	0.64	0.37	0.35	0.18	120.27	120.14	83.82	153.28	153.14	106.27	734.23	734.10	501.26
2028-05-24	2.59	2.52	1.38	1.24	1.17	0.65	0.25	0.18	0.10	1.45	1.42	0.78	1.15	1.13	0.62	0.34	0.32	0.17	118.20	117.97	82.08	151.20	150.98	104.52	732.16	731.94	499.51
2028-05-25	2.66	2.57	1.47	1.28	1.18	0.68	0.25	0.16	0.10	1.48	1.46	0.83	1.18	1.16	0.66	0.35	0.33	0.19	116.74	116.54	80.92	149.75	149.55	103.36	730.70	730.51	498.35
2028-05-26	2.70	2.61	1.64	1.29	1.21	0.76	0.26	0.17	0.11	1.50	1.48	0.92	1.20	1.17	0.73	0.36	0.33	0.21	115.67	115.50	80.04	148.67	148.50	102.49	729.63	729.46	497.48
2028-05-27	3.00	2.88	1.83	1.44	1.32	0.84	0.29	0.17	0.11	1.67	1.64	1.04	1.33	1.30	0.82	0.39	0.37	0.23	114.85	114.70	79.37	147.86	147.71	101.81	728.81	728.66	496.80
2028-05-28	3.34	3.22	2.54	1.60	1.48	1.16	0.32	0.20	0.14	1.86	1.83	1.46	1.48	1.45	1.16	0.44	0.41	0.33	114.21	114.08	78.83	147.22	147.09	101.27	728.18	728.04	496.26
2028-05-29	2.93	2.86	2.02	1.41	1.33	0.95	0.28	0.21	0.17	1.64	1.61	1.12	1.30	1.27	0.89	0.39	0.36	0.25	113.86	113.72	78.39	146.86	146.73	100.84	727.82	727.69	495.83
2028-05-30	6.28	5.86	5.44	3.01	2.60	2.39	0.60	0.18	0.13	3.50	3.44	3.21	2.79	2.73	2.55	0.83	0.77	0.72	114.27	114.10	78.63	147.28	147.10	101.07	728.23	728.06	496.06
2028-05-31	15.92	15.03	16.43	7.64	6.75	7.44	1.53	0.64	0.79	8.88	8.72	9.49	7.07	6.92	7.52	2.10	1.96	2.12	114.44	114.28	78.83	147.45	147.29	101.27	728.41	728.24	496.26
2028-06-01	13.27	13.99	15.21	6.37	7.09	7.61	1.27	1.99	1.99	7.40	7.29	8.03	5.89	5.79	6.38	1.75	1.65	1.82	113.88	113.76	87.49	146.89	146.76	112.68	727.85	727.72	556.07
2028-06-02	9.15	8.28	9.34	4.39	3.53	4.31	0.88	0.01	0.59	5.10	5.01	5.31	4.06	3.98	4.21	1.20	1.13	1.19	113.43	113.32	87.13	146.44	146.32	112.32	727.40	727.28	555.71
2028-06-03	7.16	6.99	7.03	3.44	3.27	3.14	0.69	0.52	0.26	3.99	3.92	4.11	3.18	3.11	3.26	0.94	0.88	0.92	113.06	112.96	86.83	146.07	145.96	112.02	727.02	726.92	555.41
2028-06-04	5.84	5.70	5.92	2.80	2.66	2.77	0.56	0.42	0.43	3.26	3.20	3.33	2.59	2.54	2.64	0.77	0.72	0.75	112.75	112.65	86.57	145.75	145.66	111.76	726.71	726.62	555.15
2028-06-05	4.92	4.79	4.95	2.36	2.23	2.31	0.47	0.34	0.35	2.74	2.69	2.79	2.18	2.14	2.21	0.65	0.61	0.63	112.48	112.40	86.35	145.49	145.40	111.55	726.45	726.36	554.93
2028-06-06	4.23	4.12	4.24	2.03	1.92	1.97	0.41	0.29	0.30	2.36	2.32	2.39	1.88	1.84	1.90	0.56	0.52	0.54	112.26	112.18	86.17	145.27	145.19	111.36	726.23	726.14	554.75
2028-06-07	3.71	3.61	3.70	1.78	1.68	1.72	0.36	0.26	0.26	2.07	2.04	2.09	1.65	1.61	1.66	0.49	0.46	0.47	112.07	111.99	86.00	145.07	145.00	111.20	726.03	725.96	554.58
2028-06-08	3.30	3.22	3.29	1.59	1.50	1.53	0.32	0.23	0.23	1.84	1.81	1.85	1.47	1.44	1.47	0.44	0.41	0.42	111.90	111.83	85.86	144.91	144.84	111.05	725.86	725.79	554.44
2028-06-09	2.98	2.90	2.95	1.43	1.35	1.37	0.29	0.20	0.21	1.66	1.63	1.67	1.32	1.30	1.32	0.39	0.37	0.37	111.75	111.68	85.74	144.76	144.69	110.93	725.72	725.65	554.32
2028-06-10	4.53	4.28	3.97	2.18	1.93	1.79	0.43	0.19	0.19	2.53	2.48	2.29	2.01	1.97	1.82	0.60	0.56	0.51	111.64	111.58	85.63	144.65	144.58	110.82	725.61	725.54	554.20
2028-06-11	7.83	7.41	7.51	3.76	3.34	3.36	0.75	0.34	0.29	4.37	4.29	4.37	3.48	3.40	3.47	1.03	0.96	0.98	111.54	111.48	85.53	144.55	144.49	110.72	725.50	725.45	554.11
2028-06-12	5.53	5.46	6.34	2.65	2.59	2.97	0.53	0.46	0.47	3.08	3.03	3.56	2.45	2.40	2.83	0.73	0.68	0.80	111.45	111.39	85.44	144.46	144.40	110.63	725.41	725.36	554.02
2028-06-13	5.54	5.01	5.68	2.66	2.13	2.63	0.53	0.00	0.38	3.09	3.03	3.22	2.46	2.41	2.55	0.73	0.68	0.72	111.36	111.31	85.36	144.37	144.32	110.55	725.33	725.28	553.94
2028-06-14	5.51	4.98	5.21	2.65	2.12	2.42	0.53	0.00	0.35	3.07	3.02	2.95	2.45	2.39	2.34	0.73	0.68	0.66	111.28	111.23	85.29	144.29	144.24	110.48	725.24	725.19	553.87
2028-06-15	4.69	4.24	4.45	2.25	1.80	2.07	0.45	0.00	0.32	2.62	2.57	2.51	2.08	2.04	1.99	0.62	0.58	0.56	152.24	152.19	116.54	187.18	187.13	143.21	1003.04	1002.99	765.88
2028-06-16	4.07	3.68	3.87	1.95	1.56	1.80	0.39	0.00	0.27	2.27	2.23	2.18	1.81	1.77	1.73	0.54	0.50	0.49	152.17	152.12	116.48	187.11	187.07	143.15	1002.97	1002.93	765.82
2028-06-17	3.58	3.31	3.41	1.72	1.45	1.59	0.34	0.07	0.24	2.00	1.96	1.93	1.59	1.56	1.53	0.47	0.44	0.43	152.10	152.06	116.43	187.05	187.00	143.10	1002.91	1002.86	765.77
2028-06-18	3.20	3.11	3.06	1.54	1.45	1.42	0.31	0.22	0.21	1.79	1.75	1.72	1.42	1.39	1.37	0.42	0.39	0.39	174.77	173.16	130.05	209.72	208.11	156.72	1025.58	1023.97	779.38
2028-06-19	2.97	2.88	2.77	1.42	1.34	1.29	0.28	0.20	0.19	1.65	1.62	1.56	1.32	1.29	1.24	0.39	0.36	0.35	230.54	228.10	163.72	265.49	263.05	190.39	1081.35	1078.91	813.05
2028-06-20	3.44	3.30	2.86	1.65	1.51	1.32	0.33	0.19	0.18	1.92	1.89	1.63	1.53	1.50	1.29	0.45	0.42	0.37	186.02	185.63	140.04	220.97	220.58	166.71	1036.83	1036.44	789.37
2028-06-21	3.97	3.81	2.95	1.90	1.75	1.36	0.38	0.22	0.19	2.21	2.18	1.67	1.76	1.73	1.33	0.52	0.49	0.38	172.52	172.97	132.71	207.46	207.92	1			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2028-07-21	2.98	2.90	2.70	1.43	1.35	1.26	0.29	0.20	0.19	1.66	1.64	1.52	1.33	1.30	1.21	0.39	0.37	0.34	63.98	63.92	60.71	84.35	84.30	80.05	509.55	509.50	483.65
2028-07-22	2.88	2.79	2.60	1.38	1.29	1.20	0.28	0.19	0.17	1.61	1.58	1.47	1.28	1.25	1.17	0.38	0.36	0.33	63.89	63.83	60.63	84.26	84.21	79.96	509.47	509.41	483.57
2028-07-23	3.46	3.31	3.06	1.66	1.51	1.40	0.33	0.19	0.17	1.93	1.89	1.75	1.54	1.50	1.39	0.46	0.43	0.39	63.81	63.76	60.56	84.18	84.13	79.89	509.39	509.33	483.50
2028-07-24	4.58	4.36	4.03	2.20	1.98	1.83	0.44	0.22	0.21	2.55	2.51	2.31	2.03	1.99	1.84	0.60	0.56	0.52	63.74	63.69	60.49	84.11	84.06	79.83	509.31	509.26	483.43
2028-07-25	4.10	3.98	3.64	1.97	1.85	1.70	0.39	0.28	0.26	2.29	2.25	2.05	1.82	1.78	1.62	0.54	0.50	0.46	63.67	63.62	60.43	84.04	84.00	79.77	509.25	509.20	483.38
2028-07-26	3.69	3.59	3.24	1.77	1.67	1.51	0.35	0.25	0.23	2.06	2.02	1.83	1.64	1.61	1.45	0.49	0.45	0.41	63.61	63.57	60.38	83.98	83.94	79.72	509.19	509.14	483.32
2028-07-27	3.32	3.23	2.92	1.59	1.50	1.36	0.32	0.23	0.21	1.85	1.82	1.65	1.47	1.44	1.31	0.44	0.41	0.37	63.56	63.51	60.33	83.93	83.89	79.67	509.13	509.09	483.28
2028-07-28	2.99	2.91	2.66	1.44	1.35	1.24	0.29	0.20	0.19	1.67	1.64	1.50	1.33	1.30	1.19	0.39	0.37	0.34	63.59	63.54	60.35	83.96	83.91	79.68	509.16	509.12	483.29
2028-07-29	2.72	2.65	2.44	1.31	1.23	1.14	0.26	0.19	0.17	1.52	1.49	1.37	1.21	1.18	1.09	0.36	0.34	0.31	63.61	63.57	60.36	83.98	83.94	79.70	509.19	509.14	483.30
2028-07-30	2.50	2.43	2.26	1.20	1.13	1.05	0.24	0.17	0.16	1.39	1.37	1.27	1.11	1.09	1.01	0.33	0.31	0.29	63.55	63.51	60.31	83.93	83.89	79.65	509.13	509.09	483.25
2028-07-31	2.31	2.25	2.10	1.11	1.05	0.98	0.22	0.16	0.15	1.29	1.27	1.18	1.03	1.01	0.94	0.30	0.28	0.27	65.16	65.00	61.78	85.53	85.38	81.12	510.74	510.58	484.72
2028-08-01	2.15	2.10	1.97	1.03	0.98	0.92	0.21	0.15	0.14	1.20	1.18	1.11	0.96	0.94	0.88	0.28	0.27	0.25	67.90	67.64	63.04	88.27	88.02	81.95	513.48	513.22	476.45
2028-08-02	2.02	1.96	1.86	0.97	0.92	0.87	0.19	0.14	0.13	1.13	1.11	1.04	0.90	0.88	0.83	0.27	0.25	0.23	65.23	65.22	60.63	85.60	85.59	79.53	510.80	510.80	474.04
2028-08-03	1.90	1.85	1.76	0.91	0.86	0.82	0.18	0.13	0.13	1.06	1.04	0.99	0.84	0.83	0.78	0.25	0.23	0.22	64.98	64.90	60.33	85.36	85.27	79.23	510.56	510.47	473.73
2028-08-04	1.80	1.75	1.67	0.86	0.82	0.78	0.17	0.13	0.12	1.00	0.99	0.94	0.80	0.78	0.74	0.24	0.22	0.21	65.56	65.42	60.73	85.93	85.80	79.63	511.13	511.00	474.14
2028-08-05	1.71	1.67	1.59	0.82	0.78	0.74	0.16	0.12	0.12	0.95	0.94	0.89	0.76	0.74	0.71	0.22	0.21	0.20	67.26	67.04	61.87	87.63	87.41	80.78	512.84	512.62	475.28
2028-08-06	1.72	1.67	1.58	0.83	0.78	0.73	0.17	0.12	0.11	0.96	0.94	0.89	0.77	0.75	0.71	0.23	0.21	0.20	66.34	66.24	61.28	86.72	86.61	80.18	511.92	511.82	474.68
2028-08-07	1.73	1.69	1.57	0.83	0.79	0.73	0.17	0.12	0.12	0.96	0.95	0.88	0.77	0.75	0.70	0.23	0.21	0.20	65.92	65.81	60.94	86.29	86.18	79.84	511.49	511.38	474.34
2028-08-08	1.65	1.61	1.50	0.79	0.75	0.70	0.16	0.12	0.11	0.92	0.90	0.84	0.73	0.72	0.67	0.22	0.20	0.19	65.56	65.46	60.66	85.94	85.83	79.56	511.14	511.04	474.06
2028-08-09	1.60	1.56	1.45	0.77	0.73	0.68	0.15	0.11	0.11	0.89	0.88	0.81	0.71	0.70	0.65	0.21	0.20	0.18	65.27	65.17	60.42	85.64	85.55	79.33	510.84	510.75	473.83
2028-08-10	1.56	1.52	1.41	0.75	0.71	0.66	0.15	0.11	0.11	0.87	0.85	0.79	0.69	0.68	0.62	0.21	0.19	0.18	65.02	64.93	60.23	85.39	85.31	79.13	510.59	510.51	473.63
2028-08-11	1.49	1.46	1.35	0.72	0.68	0.63	0.14	0.11	0.10	0.83	0.82	0.76	0.66	0.65	0.60	0.20	0.18	0.17	64.80	64.72	60.05	85.17	85.09	78.95	510.38	510.30	473.46
2028-08-12	1.44	1.40	1.31	0.69	0.66	0.61	0.14	0.10	0.10	0.80	0.79	0.73	0.64	0.63	0.58	0.19	0.18	0.16	64.61	64.54	59.90	84.99	84.91	78.80	510.19	510.12	473.30
2028-08-13	1.39	1.36	1.27	0.67	0.63	0.59	0.13	0.10	0.10	0.77	0.76	0.71	0.62	0.60	0.56	0.18	0.17	0.16	64.45	64.38	59.76	84.83	84.76	78.67	510.03	509.96	473.17
2028-08-14	1.43	1.40	1.29	0.69	0.65	0.60	0.14	0.10	0.09	0.80	0.79	0.73	0.64	0.62	0.58	0.19	0.18	0.16	64.31	64.25	59.65	84.68	84.62	78.55	509.89	509.82	473.05
2028-08-15	2.82	2.66	2.27	1.36	1.19	1.02	0.27	0.11	0.10	1.58	1.55	1.32	1.25	1.23	1.04	0.37	0.35	0.30	29.94	29.88	27.76	40.81	40.75	37.85	225.66	225.60	209.36
2028-08-16	4.17	3.98	3.38	2.00	1.81	1.54	0.40	0.20	0.17	2.33	2.29	1.94	1.85	1.82	1.54	0.55	0.51	0.44	29.83	29.77	27.67	40.70	40.64	37.76	225.55	225.49	209.27
2028-08-17	2.63	2.63	2.24	1.26	1.26	1.08	0.25	0.25	0.22	1.47	1.44	1.23	1.17	1.14	0.97	0.35	0.32	0.28	29.73	29.67	27.59	40.60	40.55	37.68	225.45	225.40	209.18
2028-08-18	2.42	2.36	2.03	1.16	1.10	0.95	0.23	0.17	0.14	1.35	1.33	1.15	1.08	1.05	0.91	0.32	0.30	0.26	29.64	29.59	27.51	40.51	40.46	37.60	225.36	225.31	209.11
2028-08-19	2.25	2.19	1.91	1.08	1.02	0.89	0.22	0.16	0.14	1.25	1.23	1.08	1.00	0.98	0.85	0.30	0.28	0.24	29.56	29.51	27.44	40.43	40.38	37.53	225.28	225.23	209.04
2028-08-20	2.10	2.04	1.80	1.01	0.95	0.84	0.20	0.15	0.13	1.17	1.15	1.02	0.93	0.91	0.81	0.28	0.26	0.23	29.49	29.44	27.38	40.36	40.31	37.47	225.21	225.16	208.98
2028-08-21	1.97	1.92	1.71	0.95	0.90	0.80	0.19	0.14	0.13	1.10	1.08	0.96	0.87	0.86	0.76	0.26	0.24	0.22	29.42	29.38	27.33	40.30	40.25	37.42	225.15	225.10	208.92
2028-08-22	2.18	2.11	1.85	1.05	0.97	0.85	0.21	0.13	0.12	1.22	1.20	1.05	0.97	0.95	0.83	0.29	0.27	0.23	29.36	29.32	27.27	40.24	40.19	37.36	225.09	225.04	208.87
2028-08-23	2.54	2.45	2.06	1.22	1.13	0.95	0.24	0.15	0.14	1.42	1.39	1.16	1.13	1.11	0.92	0.33	0.31	0.26	29.43	29.38	27.31	40.31	40.26	37.40	225.16	225.11	208.91
2028-08-24	2.24	2.19	1.88	1.08	1.03	0.88	0.21	0.16	0.14	1.25	1.23	1.05	1.00	0.98	0.84	0.30	0.28	0.24	30.19	30.09	27.79	41.07	40.97	37.88	225.92	225.82	209.38
2028-08-25	2.09	2.04	1.77	1.01	0.95	0.83	0.20	0.15	0.13	1.17	1.15	1.00	0.93	0.91	0.79	0.28	0.26	0.22	30.46	30.37	28.03	41.33	41.25	38.12	226.18	226.10	209.63
2028-08-26	2.00	1.95	1.70	0.96	0.91	0.79	0.19	0.14	0.12	1.12	1.10	0.95	0.89	0.87	0.76	0.26	0.25	0.21	29.90	29.86	27.65	40.78	40.73	37.74	225.63	225.58	209.25
2028-08-27	1.92	1.87	1.63	0.92	0.87	0.76	0.18	0.14	0.12	1.07	1.05	0.91	0.85	0.84	0.73	0.25	0.24	0.21	29.79	29.74	27.56	40.67	40.61	37.65	225.52	225.46	209.15
2028-08-28	1.82	1.77	1.56	0.87	0.83	0.73	0.17	0.13	0.11	1.01	1.00	0.87	0.81	0.79	0.69	0.24	0.22	0.20	29.70	29.64	27.49	40.57	40.52	37.58	225.42	225.37	209.08
2028-08-29	1.72	1.68	1.49	0.83	0.79	0.70	0.17	0.12	0.11	0.96	0.95	0.84	0.77	0.75	0.66	0.23	0.21	0.19	29.61	29.56	27.42	40.49	40.44	37.51	225.34	225.29	209.02
2028-08-30	1.64	1.60	1.43	0.79	0.75	0.67	0.16	0.12	0.11	0.92	0.90	0.80	0.73	0.71	0.64	0.22	0.20	0.18	29.54	29.49	27.36	40.41	40.36	37.45	225.26	225.22	208.96
2028-08-31	1.63	1.59	1.41	0.78	0.74	0.66	0.16	0.11	0.10	0.91	0.89	0.79	0.72	0.71	0.63	0.21	0.20	0.18	29.47	29.42	27.31	40.34	40.29	37.40	225.19	225.15	208.90
2028-09-01	1.61	1.57	1.39	0.77	0.73	0.65	0.15	0.12	0.11	0.90	0.88	0.78	0.71	0.70	0.62	0.21	0.20	0.18									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2028-09-30	1.45	1.42	1.48	0.70	0.66	0.69	0.14	0.11	0.11	0.81	0.80	0.83	0.65	0.63	0.66	0.19	0.18	0.19	29.53	29.19	28.87	38.26	37.91	37.36	171.11	170.76	166.72
2028-10-01	1.40	1.37	1.42	0.67	0.64	0.67	0.13	0.10	0.11	0.78	0.77	0.80	0.62	0.61	0.63	0.18	0.17	0.18	27.50	27.26	27.32	36.23	35.98	36.05	169.07	168.83	168.99
2028-10-02	1.36	1.33	1.37	0.65	0.62	0.64	0.13	0.10	0.10	0.76	0.74	0.77	0.60	0.59	0.61	0.18	0.17	0.17	25.94	25.73	25.77	34.66	34.46	34.50	167.51	167.31	167.44
2028-10-03	1.31	1.28	1.33	0.63	0.60	0.62	0.13	0.10	0.10	0.73	0.72	0.74	0.58	0.57	0.59	0.17	0.16	0.17	24.75	24.58	24.60	33.48	33.30	33.34	166.32	166.15	166.28
2028-10-04	1.27	1.25	1.29	0.61	0.58	0.60	0.12	0.10	0.10	0.71	0.70	0.72	0.57	0.55	0.57	0.17	0.16	0.16	23.86	23.70	23.72	32.58	32.43	32.46	165.43	165.27	165.40
2028-10-05	1.44	1.40	1.44	0.69	0.65	0.67	0.14	0.09	0.10	0.81	0.79	0.82	0.64	0.63	0.65	0.19	0.18	0.18	23.16	22.78	22.81	31.88	31.51	31.54	164.73	164.36	164.48
2028-10-06	2.01	1.93	1.96	0.96	0.88	0.90	0.19	0.11	0.12	1.12	1.10	1.12	0.89	0.87	0.89	0.26	0.25	0.25	22.92	22.56	22.60	31.65	31.29	31.33	164.50	164.14	164.28
2028-10-07	1.54	1.53	1.57	0.74	0.73	0.74	0.15	0.13	0.13	0.86	0.85	0.87	0.69	0.67	0.69	0.20	0.19	0.20	22.70	22.35	22.41	31.42	31.08	31.14	164.27	163.93	164.08
2028-10-08	1.48	1.34	1.38	0.71	0.57	0.58	0.14	0.00	0.00	0.83	0.81	0.83	0.66	0.64	0.66	0.20	0.18	0.19	22.23	21.92	21.97	30.96	30.65	30.70	163.81	163.49	163.64
2028-10-09	1.43	1.29	1.32	0.69	0.55	0.56	0.14	0.00	0.00	0.80	0.78	0.80	0.63	0.62	0.64	0.19	0.17	0.18	22.20	21.89	22.06	30.93	30.62	30.79	163.78	163.46	163.73
2028-10-10	1.38	1.25	1.27	0.66	0.53	0.54	0.13	0.00	0.00	0.77	0.75	0.77	0.61	0.60	0.61	0.18	0.17	0.17	22.15	21.84	22.01	30.87	30.57	30.74	163.72	163.41	163.68
2028-10-11	1.33	1.21	1.33	0.64	0.51	0.62	0.13	0.00	0.10	0.74	0.73	0.75	0.59	0.58	0.59	0.18	0.16	0.17	21.78	21.50	21.67	30.51	30.23	30.40	163.35	163.07	163.34
2028-10-12	1.29	1.18	1.29	0.62	0.51	0.61	0.12	0.01	0.10	0.72	0.71	0.73	0.57	0.56	0.58	0.17	0.16	0.16	21.48	21.22	21.37	30.20	29.94	30.10	163.05	162.79	163.04
2028-10-13	1.40	1.36	1.42	0.67	0.63	0.66	0.13	0.10	0.10	0.78	0.77	0.80	0.62	0.61	0.64	0.18	0.17	0.18	21.22	21.06	21.12	29.94	29.79	29.85	162.79	162.63	162.79
2028-10-14	1.70	1.65	1.81	0.82	0.76	0.83	0.16	0.11	0.11	0.95	0.93	1.03	0.76	0.74	0.82	0.22	0.21	0.23	21.04	20.95	20.95	29.76	29.68	29.68	162.61	162.53	162.62
2028-10-15	1.47	1.45	1.54	0.71	0.68	0.73	0.14	0.12	0.13	0.82	0.81	0.86	0.65	0.64	0.68	0.19	0.18	0.19	20.07	19.99	19.99	28.24	28.16	28.16	139.21	139.13	139.21
2028-10-16	1.42	1.39	1.47	0.68	0.65	0.69	0.14	0.10	0.11	0.79	0.78	0.82	0.63	0.62	0.65	0.19	0.17	0.19	19.90	20.11	19.82	28.06	28.28	28.00	139.04	139.25	139.05
2028-10-17	1.37	1.34	1.41	0.66	0.63	0.66	0.13	0.10	0.10	0.77	0.75	0.79	0.61	0.60	0.63	0.18	0.17	0.18	19.74	19.55	19.69	27.91	27.72	27.86	138.88	138.69	138.91
2028-10-18	1.34	1.31	1.38	0.64	0.62	0.65	0.13	0.10	0.10	0.75	0.74	0.77	0.60	0.58	0.61	0.18	0.16	0.17	19.61	19.42	19.54	27.78	27.59	27.72	138.75	138.56	138.77
2028-10-19	1.31	1.29	1.25	0.63	0.60	0.53	0.13	0.10	0.00	0.73	0.72	0.75	0.58	0.57	0.60	0.17	0.16	0.17	19.49	19.38	19.43	27.66	27.55	27.61	138.63	138.52	138.66
2028-10-20	1.27	1.24	1.21	0.61	0.58	0.51	0.12	0.09	0.00	0.71	0.70	0.73	0.57	0.55	0.58	0.17	0.16	0.16	19.38	19.32	19.33	27.55	27.49	27.51	138.52	138.46	138.56
2028-10-21	1.25	1.23	1.23	0.60	0.58	0.55	0.12	0.10	0.05	0.70	0.68	0.72	0.56	0.54	0.57	0.16	0.15	0.16	19.29	19.23	19.13	27.46	27.40	27.31	138.43	138.37	138.35
2028-10-22	1.30	1.17	1.24	0.62	0.50	0.53	0.12	0.00	0.00	0.72	0.71	0.75	0.58	0.56	0.60	0.17	0.16	0.17	19.20	19.15	19.14	27.37	27.32	27.32	138.34	138.29	138.36
2028-10-23	1.32	1.20	1.38	0.64	0.51	0.65	0.13	0.00	0.10	0.74	0.73	0.77	0.59	0.58	0.61	0.17	0.16	0.17	19.13	19.08	19.05	27.29	27.25	27.23	138.27	138.22	138.28
2028-10-24	1.28	1.21	1.33	0.62	0.54	0.63	0.12	0.04	0.10	0.72	0.70	0.75	0.57	0.56	0.59	0.17	0.16	0.17	19.06	19.01	19.02	27.23	27.18	27.20	138.20	138.15	138.25
2028-10-25	1.25	1.22	1.29	0.60	0.57	0.61	0.12	0.09	0.10	0.70	0.68	0.72	0.55	0.54	0.57	0.16	0.15	0.16	19.06	19.01	19.03	27.23	27.18	27.20	138.20	138.15	138.25
2028-10-26	1.23	1.20	1.26	0.59	0.56	0.59	0.12	0.09	0.09	0.69	0.68	0.71	0.55	0.54	0.57	0.16	0.15	0.16	19.06	19.02	19.03	27.23	27.19	27.21	138.20	138.16	138.26
2028-10-27	1.22	1.44	1.26	0.59	0.81	0.59	0.12	0.34	0.10	0.68	0.67	0.70	0.54	0.53	0.56	0.16	0.15	0.16	19.00	18.95	18.97	27.17	27.12	27.14	138.14	138.09	138.19
2028-10-28	1.19	1.08	1.21	0.57	0.46	0.56	0.11	0.00	0.09	0.66	0.65	0.68	0.53	0.52	0.54	0.16	0.15	0.15	18.94	18.88	18.90	27.11	27.05	27.07	138.08	138.02	138.12
2028-10-29	1.16	1.05	1.18	0.56	0.45	0.55	0.11	0.00	0.08	0.65	0.64	0.66	0.52	0.50	0.53	0.15	0.14	0.15	18.89	18.83	18.85	27.06	27.00	27.02	138.03	137.97	138.07
2028-10-30	1.14	1.03	1.15	0.55	0.44	0.54	0.11	0.00	0.08	0.63	0.62	0.65	0.51	0.49	0.51	0.15	0.14	0.15	18.84	18.79	18.80	27.01	26.96	26.98	137.98	137.93	138.03
2028-10-31	1.12	1.08	1.13	0.54	0.50	0.53	0.11	0.08	0.08	0.62	0.61	0.63	0.50	0.48	0.50	0.15	0.14	0.14	18.80	18.77	18.78	26.96	26.94	26.95	137.94	137.91	138.00
2028-11-01	1.09	1.07	1.10	0.52	0.50	0.51	0.10	0.08	0.08	0.61	0.60	0.62	0.49	0.47	0.49	0.14	0.13	0.14	18.75	18.71	18.78	26.92	26.88	26.98	137.89	137.85	138.38
2028-11-02	1.08	1.07	1.10	0.52	0.51	0.52	0.10	0.09	0.10	0.60	0.59	0.61	0.48	0.47	0.48	0.14	0.13	0.14	18.72	18.68	18.75	26.89	26.85	26.95	137.86	137.82	138.35
2028-11-03	1.06	1.06	1.10	0.51	0.51	0.53	0.10	0.10	0.10	0.59	0.58	0.60	0.47	0.46	0.48	0.14	0.13	0.14	18.68	18.63	18.70	26.85	26.80	26.90	137.82	137.77	138.31
2028-11-04	1.04	1.01	1.04	0.50	0.47	0.48	0.10	0.07	0.07	0.58	0.57	0.59	0.46	0.45	0.47	0.14	0.13	0.13	18.65	18.60	18.67	26.82	26.77	26.87	137.79	137.74	138.28
2028-11-05	1.03	0.99	1.02	0.49	0.45	0.47	0.10	0.06	0.06	0.57	0.56	0.58	0.46	0.45	0.46	0.14	0.13	0.13	18.62	18.57	18.64	26.79	26.74	26.84	137.76	137.71	138.25
2028-11-06	1.01	0.98	1.01	0.48	0.45	0.47	0.10	0.06	0.07	0.56	0.55	0.57	0.45	0.44	0.45	0.13	0.12	0.13	18.59	18.55	18.62	26.76	26.72	26.82	137.73	137.69	138.23
2028-11-07	1.00	0.97	1.00	0.48	0.45	0.46	0.10	0.07	0.07	0.56	0.54	0.56	0.44	0.43	0.44	0.13	0.12	0.13	18.56	18.53	18.59	26.73	26.69	26.80	137.70	137.67	138.20
2028-11-08	0.98	0.95	0.98	0.47	0.44	0.46	0.09	0.07	0.07	0.55	0.54	0.55	0.44	0.43	0.44	0.13	0.12	0.12	18.54	18.51	18.58	26.71	26.68	26.78	137.68	137.65	138.18
2028-11-09	0.97	0.94	0.97	0.46	0.44	0.45	0.09	0.07	0.07	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.12	18.52	18.48	18.55	26.69	26.65	26.75	137.66	137.62	138.15
2028-11-10	0.95	0.93	0.95	0.46	0.43	0.44	0.09	0.07	0.07	0.53	0.52	0.54	0.42	0.41	0.42	0.13	0.12	0.12	18.50	18.46	18.53	26.67	26.63	26.73	137.64	137.60	138.13
2028-11-11	0.94	0.92	0.94	0.45	0.43	0.44	0.09	0.06	0.07	0.53	0.52	0.53	0.42	0.41	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2028-12-10	1.46	1.40	1.49	0.70	0.64	0.68	0.14	0.08	0.09	0.81	0.80	0.85	0.65	0.63	0.67	0.19	0.18	0.19	18.41	18.37	18.40	27.07	27.04	27.08	122.91	122.88	123.09
2028-12-11	0.89	0.91	0.94	0.43	0.45	0.46	0.09	0.10	0.11	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.11	18.41	18.38	18.41	27.07	27.04	27.08	122.91	122.88	123.09
2028-12-12	0.89	0.87	0.90	0.42	0.41	0.42	0.08	0.07	0.07	0.49	0.49	0.50	0.39	0.38	0.40	0.12	0.11	0.11	18.41	18.38	18.41	27.07	27.05	27.09	122.91	122.89	123.10
2028-12-13	0.88	0.86	0.89	0.42	0.41	0.42	0.08	0.07	0.07	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	18.41	18.39	18.41	27.07	27.05	27.09	122.91	122.89	123.10
2028-12-14	0.87	0.86	0.88	0.42	0.40	0.41	0.08	0.07	0.07	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	18.47	18.45	18.48	27.14	27.11	27.16	122.98	122.95	123.17
2028-12-15	0.86	0.85	0.87	0.41	0.40	0.41	0.08	0.07	0.07	0.48	0.47	0.48	0.38	0.38	0.38	0.11	0.11	0.11	13.23	13.20	13.25	19.35	19.32	19.37	81.20	81.17	81.33
2028-12-16	0.86	0.84	0.86	0.41	0.39	0.40	0.08	0.06	0.07	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.11	13.09	13.13	19.23	19.21	19.26	81.07	81.06	81.21
2028-12-17	0.85	0.83	0.85	0.41	0.39	0.40	0.08	0.06	0.06	0.47	0.47	0.48	0.38	0.37	0.38	0.11	0.10	0.11	13.11	13.09	13.11	19.22	19.20	19.24	81.07	81.05	81.19
2028-12-18	0.84	0.83	0.84	0.40	0.39	0.40	0.08	0.06	0.07	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.10	0.11	13.09	13.07	13.09	19.21	19.18	19.21	81.06	81.03	81.17
2028-12-19	0.84	0.82	0.84	0.40	0.39	0.39	0.08	0.06	0.07	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.11	13.09	13.06	13.08	19.21	19.17	19.20	81.06	81.02	81.16
2028-12-20	0.83	0.82	0.83	0.40	0.38	0.39	0.08	0.06	0.07	0.46	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.09	13.06	13.08	19.21	19.18	19.21	81.06	81.03	81.16
2028-12-21	0.83	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.09	13.07	13.09	19.21	19.19	19.21	81.06	81.03	81.17
2028-12-22	0.82	0.81	0.82	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.37	0.36	0.36	0.11	0.10	0.10	13.10	13.07	13.09	19.21	19.19	19.21	81.06	81.03	81.17
2028-12-23	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	13.10	13.07	13.09	19.21	19.19	19.22	81.06	81.04	81.17
2028-12-24	0.81	0.80	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.10	13.08	13.09	19.21	19.19	19.22	81.06	81.04	81.17
2028-12-25	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.10	13.07	13.09	19.22	19.19	19.22	81.06	81.04	81.17
2028-12-26	0.80	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.15	13.13	13.15	19.27	19.24	19.28	81.12	81.09	81.23
2028-12-27	0.80	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.22	13.19	13.22	19.33	19.31	19.35	81.18	81.16	81.30
2028-12-28	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.11	13.09	13.11	19.22	19.20	19.23	81.07	81.05	81.18
2028-12-29	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	13.10	13.07	13.09	19.21	19.19	19.22	81.06	81.04	81.17
2028-12-30	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	13.10	13.08	13.09	19.21	19.19	19.22	81.06	81.04	81.17
2028-12-31	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.10	13.08	13.10	19.22	19.20	19.22	81.06	81.04	81.18
2029-01-01	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.43	0.35	0.35	0.34	0.10	0.10	0.10	13.10	13.08	13.08	19.22	19.19	19.20	81.07	81.04	81.07
2029-01-02	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.10	13.07	13.08	19.22	19.19	19.20	81.07	81.04	81.07
2029-01-03	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.11	13.08	13.08	19.22	19.19	19.20	81.07	81.04	81.07
2029-01-04	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.11	13.08	13.08	19.22	19.19	19.20	81.07	81.04	81.07
2029-01-05	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.11	13.08	13.08	19.22	19.19	19.20	81.07	81.04	81.07
2029-01-06	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.11	13.08	13.08	19.22	19.20	19.20	81.07	81.04	81.07
2029-01-07	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.11	13.08	13.09	19.23	19.20	19.20	81.07	81.05	81.08
2029-01-08	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.21	13.18	13.21	19.33	19.29	19.32	81.17	81.14	81.20
2029-01-09	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.42	13.37	13.45	19.53	19.49	19.57	81.38	81.34	81.44
2029-01-10	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.30	13.28	13.33	19.42	19.39	19.45	81.26	81.24	81.32
2029-01-11	0.83	0.81	0.83	0.40	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.11	13.09	13.10	19.22	19.20	19.21	81.07	81.05	81.09
2029-01-12	0.89	0.88	0.93	0.43	0.41	0.44	0.09	0.07	0.07	0.50	0.49	0.52	0.40	0.39	0.41	0.12	0.11	0.12	13.09	13.06	13.06	19.21	19.18	19.18	81.06	81.03	81.05
2029-01-13	1.01	0.99	1.05	0.49	0.47	0.49	0.10	0.08	0.08	0.56	0.56	0.59	0.45	0.44	0.47	0.13	0.12	0.13	13.09	13.06	13.06	19.21	19.18	19.18	81.06	81.03	81.05
2029-01-14	1.15	1.14	1.20	0.55	0.54	0.57	0.11	0.09	0.10	0.64	0.63	0.67	0.51	0.50	0.53	0.15	0.14	0.15	13.09	13.06	13.06	19.21	19.18	19.18	81.06	81.03	81.05
2029-01-15	0.98	0.98	1.03	0.47	0.47	0.49	0.09	0.10	0.10	0.55	0.54	0.56	0.43	0.43	0.45	0.13	0.12	0.13	10.45	10.42	10.41	16.36	16.33	16.33	69.35	69.32	69.34
2029-01-16	0.84	0.83	0.86	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.10	0.11	10.45	10.42	10.42	16.36	16.34	16.34	69.35	69.32	69.35
2029-01-17	0.84	0.81	0.85	0.40	0.38	0.40	0.08	0.06	0.06	0.47	0.46	0.48	0.37	0.36	0.38	0.11	0.10	0.11	10.45	10.42	10.42	16.37	16.34	16.34	69.35	69.33	69.35
2029-01-18	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.06	0.07	0.46	0.45	0.47	0.37	0.36	0.38	0.11	0.10	0.11	10.45	10.42	10.42	16.37	16.34	16.34	69.35	69.33	69.35
2029-01-19	0.82	0.81	0.84	0.40	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.47	0.37	0.36	0.37	0.11	0.10	0.11	10.45	10.43	10.43	16.37	16.35	16.35	69.35	69.33	69.35
2029-01-20	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.06	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.10	10.45	10.43	10.43	16.37	16.34	16.35	69.36	69.33	69.35
2029-01-21	0.82	0.80	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	10.45	10.43	10.43	16.37	16.34	16.35	69.36	69.33	69.35
2029-01-22																											

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2029-02-19	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2029-02-20	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2029-02-21	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.36
2029-02-22	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2029-02-23	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.46	65.36
2029-02-24	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.36
2029-02-25	0.82	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.36
2029-02-26	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.36
2029-02-27	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.36
2029-02-28	1.04	1.01	1.06	0.50	0.47	0.49	0.10	0.07	0.07	0.58	0.57	0.60	0.46	0.45	0.48	0.14	0.13	0.13	10.51	10.49	10.47	15.39	15.37	15.34	65.49	65.47	65.36
2029-03-01	2.00	1.92	2.30	0.96	0.88	1.05	0.19	0.11	0.12	1.12	1.10	1.32	0.89	0.87	1.05	0.26	0.25	0.30	10.77	10.73	18.12	15.65	15.61	26.58	65.75	65.71	113.44
2029-03-02	2.52	2.45	3.49	1.21	1.14	1.61	0.24	0.17	0.21	1.41	1.38	1.99	1.12	1.10	1.58	0.33	0.31	0.45	12.10	11.97	21.08	16.98	16.85	29.54	67.07	66.95	116.40
2029-03-03	1.30	1.34	2.72	0.62	0.66	1.29	0.12	0.16	0.24	0.72	0.71	1.50	0.58	0.57	1.19	0.17	0.16	0.34	12.81	12.70	21.71	17.70	17.58	30.17	67.79	67.68	117.03
2029-03-04	1.25	1.22	2.16	0.60	0.57	1.02	0.12	0.09	0.18	0.69	0.68	1.20	0.55	0.54	0.95	0.16	0.15	0.27	10.89	10.92	18.94	15.77	15.80	27.40	65.87	65.90	114.26
2029-03-05	1.21	1.19	1.99	0.58	0.56	0.93	0.12	0.09	0.14	0.68	0.66	1.12	0.54	0.53	0.89	0.16	0.15	0.25	10.86	10.82	18.69	15.74	15.70	27.15	65.84	65.80	114.01
2029-03-06	1.18	1.16	1.87	0.57	0.54	0.87	0.11	0.09	0.13	0.66	0.65	1.05	0.53	0.51	0.83	0.16	0.15	0.24	10.83	10.80	18.56	15.71	15.68	27.02	65.81	65.77	113.88
2029-03-07	1.15	1.13	1.77	0.55	0.53	0.82	0.11	0.08	0.13	0.64	0.63	0.99	0.51	0.50	0.79	0.15	0.14	0.22	10.81	10.77	18.44	15.69	15.65	26.90	65.79	65.75	113.76
2029-03-08	1.13	1.10	1.68	0.54	0.52	0.78	0.11	0.08	0.12	0.63	0.62	0.94	0.50	0.49	0.75	0.15	0.14	0.21	10.78	10.75	18.34	15.66	15.63	26.80	65.76	65.73	113.66
2029-03-09	1.11	1.08	1.60	0.53	0.51	0.75	0.11	0.08	0.12	0.62	0.61	0.90	0.49	0.48	0.71	0.15	0.14	0.20	10.76	10.73	18.25	15.64	15.61	26.71	65.74	65.71	113.57
2029-03-10	1.08	1.06	1.58	0.52	0.50	0.73	0.10	0.08	0.11	0.60	0.59	0.89	0.48	0.47	0.70	0.14	0.13	0.20	10.74	10.71	18.18	15.62	15.59	26.64	65.72	65.68	113.49
2029-03-11	1.06	1.04	1.62	0.51	0.49	0.76	0.10	0.08	0.13	0.59	0.58	0.90	0.47	0.46	0.72	0.14	0.13	0.20	10.72	10.69	18.11	15.60	15.57	26.58	65.70	65.67	113.43
2029-03-12	1.14	1.11	1.92	0.55	0.52	0.89	0.11	0.08	0.13	0.64	0.62	1.09	0.51	0.50	0.86	0.15	0.14	0.24	10.70	10.67	18.13	15.58	15.55	26.59	65.68	65.65	113.45
2029-03-13	1.70	1.64	3.06	0.82	0.75	1.40	0.16	0.10	0.17	0.95	0.93	1.76	0.75	0.74	1.39	0.22	0.21	0.39	10.77	10.73	18.60	15.65	15.61	27.06	65.75	65.71	113.92
2029-03-14	1.52	1.51	3.17	0.73	0.72	1.49	0.15	0.14	0.24	0.85	0.83	1.78	0.67	0.66	1.41	0.20	0.19	0.40	11.90	11.81	20.51	16.78	16.69	28.97	66.88	66.79	115.83
2029-03-15	2.17	2.08	4.90	1.04	0.95	2.22	0.21	0.12	0.23	1.21	1.19	2.83	0.97	0.95	2.25	0.29	0.27	0.64	15.40	15.30	26.62	22.20	22.10	38.41	84.46	84.36	146.35
2029-03-16	3.30	3.13	7.57	1.58	1.42	3.56	0.32	0.15	0.60	1.84	1.81	4.23	1.46	1.43	3.35	0.43	0.41	0.95	14.51	14.50	26.02	21.31	21.30	37.81	83.57	83.56	145.75
2029-03-17	2.16	2.15	5.74	1.04	1.03	2.69	0.21	0.20	0.44	1.20	1.18	3.21	0.96	0.94	2.55	0.28	0.27	0.72	14.29	14.24	25.65	21.09	21.04	37.44	83.35	83.30	145.38
2029-03-18	2.02	1.97	5.03	0.97	0.92	2.33	0.19	0.14	0.34	1.13	1.11	2.84	0.90	0.88	2.25	0.27	0.25	0.64	14.20	14.14	25.17	21.00	20.94	36.96	83.26	83.20	144.90
2029-03-19	1.90	1.85	4.33	0.91	0.86	2.02	0.18	0.13	0.30	1.06	1.04	2.44	0.85	0.83	1.94	0.25	0.23	0.55	14.12	14.06	24.77	20.92	20.86	36.56	83.18	83.12	144.50
2029-03-20	1.80	1.75	3.80	0.86	0.82	1.77	0.17	0.13	0.27	1.00	0.99	2.14	0.80	0.78	1.70	0.24	0.22	0.48	14.05	13.99	24.53	20.85	20.79	36.32	83.11	83.05	144.26
2029-03-21	1.71	1.67	3.36	0.82	0.78	1.56	0.16	0.12	0.24	0.95	0.94	1.90	0.76	0.74	1.50	0.23	0.21	0.43	13.98	13.93	24.32	20.78	20.73	36.11	83.04	82.99	144.05
2029-03-22	1.63	1.59	3.02	0.78	0.74	1.40	0.16	0.12	0.21	0.91	0.89	1.70	0.72	0.71	1.35	0.21	0.20	0.38	13.92	13.87	24.06	20.72	20.67	35.86	82.98	82.93	143.79
2029-03-23	1.56	1.52	2.74	0.75	0.71	1.27	0.15	0.11	0.19	0.87	0.86	1.54	0.69	0.68	1.22	0.21	0.19	0.35	13.86	13.82	23.84	20.66	20.62	35.63	82.92	82.88	143.57
2029-03-24	1.50	1.46	2.50	0.72	0.68	1.16	0.14	0.11	0.17	0.84	0.82	1.41	0.67	0.65	1.12	0.20	0.18	0.32	13.81	13.77	23.65	20.61	20.57	35.44	82.87	82.83	143.38
2029-03-25	1.44	1.41	2.31	0.69	0.66	1.08	0.14	0.10	0.16	0.80	0.79	1.30	0.64	0.63	1.03	0.19	0.18	0.29	13.77	13.72	23.49	20.57	20.52	35.28	82.83	82.78	143.21
2029-03-26	1.43	1.40	2.38	0.69	0.65	1.10	0.14	0.10	0.16	0.80	0.79	1.35	0.64	0.62	1.07	0.19	0.18	0.30	13.72	13.68	23.34	20.53	20.48	35.13	82.78	82.74	143.07
2029-03-27	1.48	1.44	2.70	0.71	0.67	1.25	0.14	0.10	0.17	0.83	0.81	1.54	0.66	0.64	1.22	0.20	0.18	0.35	13.68	13.65	23.22	20.49	20.45	35.01	82.74	82.70	142.95
2029-03-28	1.48	1.46	2.96	0.71	0.69	1.38	0.14	0.12	0.22	0.83	0.81	1.67	0.66	0.65	1.32	0.20	0.18	0.38	13.66	13.62	23.29	20.46	20.43	35.08	82.72	82.68	143.02
2029-03-29	1.48	1.45	3.16	0.71	0.68	1.47	0.14	0.11	0.22	0.83	0.81	1.79	0.66	0.64	1.42	0.19	0.18	0.40	13.66	13.63	23.56	20.46	20.43	35.35	82.72	82.69	143.29
2029-03-30	1.50	1.47	3.41	0.72	0.70	1.59	0.14	0.12	0.24	0.84	0.82	1.92	0.66	0.65	1.53	0.20	0.18	0.43	13.69	13.66	23.89	20.50	20.47	35.68	82.75	82.72	143.62
2029-03-31	1.46	1.44	3.47	0.70	0.68	1.62	0.14	0.12	0.25	0.82	0.80	1.96	0.65	0.64	1.55	0.19	0.18	0.44	13.80	13.77	24.38	20.60	20.57	36.17	82.85	82.83	144.10
2029-04-01	1.49	1.45	3.93	0.71	0.67	1.81	0.14	0.10	0.24	0.83	0.81	2.24	0.66	0.65	1.77	0.20	0.18	0.50	14.16	14.12	32.58	20.97	20.92	48.36	83.22	83.18	192.79
2029-04-02	1.63	1.60	6.64	0.78	0.75	3.00	0.16	0.13	0.32	0.91	0.89	3.83	0.72	0.71	3.04	0.21	0.20	0.86	14.66	14.60	34.72	21.46	21.40	50.50			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2029-05-01	3.01	2.95	2.12	1.45	1.38	0.98	0.29	0.22	0.15	1.68	1.65	1.19	1.34	1.31	0.95	0.40	0.37	0.27	34.36	34.25	24.63	46.70	46.60	32.80	197.01	196.91	132.27
2029-05-02	2.84	2.78	1.98	1.36	1.30	0.92	0.27	0.21	0.14	1.58	1.56	1.12	1.26	1.24	0.89	0.37	0.35	0.25	34.24	34.14	24.51	46.59	46.48	32.68	196.90	196.79	132.15
2029-05-03	2.63	2.58	1.91	1.26	1.21	0.89	0.25	0.20	0.13	1.47	1.44	1.08	1.17	1.14	0.86	0.35	0.32	0.24	34.50	34.40	24.43	46.84	46.74	32.60	197.15	197.05	132.08
2029-05-04	2.63	2.55	1.86	1.26	1.18	0.87	0.25	0.17	0.13	1.47	1.44	1.05	1.17	1.14	0.83	0.35	0.32	0.24	34.85	34.77	24.12	47.20	47.11	32.29	197.51	197.42	131.76
2029-05-05	2.84	2.79	1.76	1.36	1.31	0.82	0.27	0.22	0.13	1.59	1.56	0.99	1.26	1.24	0.78	0.37	0.35	0.22	35.24	35.14	23.81	47.59	47.48	31.98	197.90	197.79	131.46
2029-05-06	3.17	3.10	1.67	1.52	1.45	0.78	0.30	0.24	0.12	1.77	1.74	0.94	1.41	1.38	0.75	0.42	0.39	0.21	35.89	35.77	23.56	48.24	48.11	31.72	198.55	198.42	131.20
2029-05-07	3.60	3.26	1.59	1.73	1.38	0.74	0.35	0.00	0.11	2.01	1.97	0.90	1.60	1.56	0.71	0.47	0.44	0.20	36.45	36.33	23.33	48.80	48.68	31.50	199.11	198.99	130.98
2029-05-08	3.97	3.72	1.52	1.90	1.65	0.71	0.38	0.13	0.11	2.21	2.17	0.86	1.76	1.72	0.68	0.52	0.49	0.19	36.98	36.83	23.14	49.33	49.18	31.31	199.64	199.49	130.79
2029-05-09	4.33	3.91	1.46	2.08	1.66	0.68	0.42	0.00	0.11	2.42	2.37	0.82	1.92	1.88	0.65	0.57	0.53	0.18	37.46	37.32	22.98	49.80	49.66	31.15	200.11	199.97	130.62
2029-05-10	4.65	4.41	1.41	2.23	2.00	0.66	0.45	0.21	0.10	2.59	2.55	0.79	2.06	2.02	0.63	0.61	0.57	0.18	37.45	37.04	22.84	49.80	49.38	31.00	200.11	199.69	130.48
2029-05-11	5.02	4.53	1.36	2.41	1.93	0.64	0.48	0.00	0.10	2.80	2.75	0.76	2.23	2.18	0.61	0.66	0.61	0.17	37.47	37.22	22.71	49.81	49.56	30.88	200.12	199.87	130.35
2029-05-12	4.96	4.49	1.32	2.38	1.91	0.62	0.48	0.00	0.10	2.77	2.72	0.74	2.20	2.16	0.59	0.65	0.61	0.17	37.59	37.09	22.60	49.94	49.44	30.76	200.25	199.75	130.24
2029-05-13	4.36	3.94	1.27	2.09	1.67	0.60	0.42	0.00	0.09	2.43	2.39	0.71	1.93	1.89	0.57	0.57	0.53	0.16	39.42	38.79	23.08	51.76	51.14	31.24	202.07	201.45	130.72
2029-05-14	5.52	5.07	2.22	2.65	2.20	1.00	0.53	0.07	0.09	3.08	3.03	1.29	2.45	2.40	1.02	0.73	0.68	0.29	41.14	40.63	24.45	53.48	52.97	32.62	203.79	203.28	132.10
2029-05-15	7.31	7.16	3.97	3.51	3.35	1.79	0.70	0.54	0.19	4.08	4.01	2.29	3.25	3.18	1.82	0.96	0.90	0.51	117.37	117.18	75.40	150.38	150.19	97.25	731.34	731.15	481.73
2029-05-16	5.51	5.40	2.50	2.65	2.54	1.21	0.53	0.42	0.25	3.07	3.02	1.37	2.45	2.40	1.08	0.73	0.68	0.31	116.14	115.96	75.17	149.16	148.97	97.02	730.11	729.93	481.50
2029-05-17	4.75	4.62	2.28	2.28	2.15	1.06	0.46	0.32	0.16	2.65	2.61	1.28	2.11	2.07	1.02	0.63	0.59	0.29	115.47	115.29	75.00	148.48	148.30	96.85	729.44	729.26	481.33
2029-05-18	6.37	6.04	3.72	3.06	2.73	1.67	0.61	0.28	0.15	3.55	3.49	2.17	2.83	2.77	1.72	0.84	0.78	0.49	115.64	115.42	75.10	148.65	148.44	96.95	729.61	729.39	481.43
2029-05-19	9.06	8.89	6.97	4.35	4.18	3.35	0.87	0.70	0.68	5.05	4.96	3.82	4.02	3.94	3.03	1.19	1.11	0.86	115.59	115.39	75.19	148.60	148.40	97.04	729.56	729.36	481.52
2029-05-20	6.59	6.47	4.57	3.16	3.05	2.18	0.63	0.52	0.40	3.68	3.61	2.53	2.93	2.87	2.01	0.87	0.81	0.57	114.95	114.79	75.02	147.97	147.80	96.87	728.92	728.76	481.35
2029-05-21	5.53	5.38	3.89	2.66	2.51	1.81	0.53	0.38	0.27	3.09	3.03	2.19	2.46	2.41	1.74	0.73	0.68	0.49	114.37	114.22	74.87	147.38	147.24	96.72	728.34	728.20	481.20
2029-05-22	4.71	4.58	3.43	2.26	2.13	1.60	0.45	0.32	0.24	2.63	2.58	1.94	2.09	2.05	1.54	0.62	0.58	0.44	119.12	118.62	79.10	152.13	151.63	100.95	733.09	732.59	485.42
2029-05-23	4.14	4.02	3.07	1.99	1.87	1.43	0.40	0.28	0.21	2.31	2.27	1.73	1.84	1.80	1.38	0.55	0.51	0.39	126.76	126.09	87.52	159.77	159.10	109.37	740.73	740.06	493.84
2029-05-24	3.72	3.61	2.78	1.79	1.68	1.29	0.36	0.25	0.19	2.08	2.04	1.57	1.65	1.62	1.24	0.49	0.46	0.35	120.25	120.11	81.66	153.26	153.12	103.51	734.22	734.08	487.99
2029-05-25	3.35	3.25	2.54	1.61	1.51	1.18	0.32	0.22	0.18	1.87	1.84	1.43	1.49	1.46	1.14	0.44	0.41	0.32	118.18	117.95	79.97	151.19	150.97	101.82	732.15	731.92	486.29
2029-05-26	3.02	2.93	2.34	1.45	1.36	1.09	0.29	0.20	0.16	1.68	1.65	1.32	1.34	1.31	1.05	0.40	0.37	0.30	116.73	116.53	78.84	149.74	149.54	100.69	730.70	730.50	485.17
2029-05-27	2.74	2.67	2.17	1.32	1.24	1.01	0.26	0.19	0.15	1.53	1.50	1.23	1.22	1.19	0.97	0.36	0.34	0.28	115.65	115.48	77.99	148.67	148.49	99.84	729.63	729.45	484.32
2029-05-28	2.72	2.63	2.17	1.31	1.22	1.00	0.26	0.17	0.14	1.52	1.49	1.23	1.21	1.18	0.97	0.36	0.33	0.28	114.84	114.69	77.33	147.85	147.70	99.18	728.81	728.66	483.66
2029-05-29	2.68	2.60	2.16	1.29	1.21	1.00	0.26	0.18	0.15	1.50	1.47	1.22	1.19	1.17	0.97	0.35	0.33	0.27	114.20	114.07	76.80	147.22	147.08	98.65	728.17	728.04	483.13
2029-05-30	2.54	2.47	2.07	1.22	1.15	0.96	0.24	0.17	0.14	1.42	1.39	1.17	1.13	1.11	0.93	0.34	0.31	0.26	113.85	113.71	76.38	146.86	146.73	98.23	727.82	727.68	482.70
2029-05-31	2.46	2.39	1.99	1.18	1.11	0.93	0.24	0.16	0.14	1.37	1.35	1.12	1.09	1.07	0.89	0.32	0.30	0.25	114.26	114.08	76.61	147.27	147.10	98.46	728.23	728.05	482.94
2029-06-01	2.31	2.25	1.87	1.11	1.04	0.87	0.22	0.16	0.13	1.29	1.27	1.05	1.03	1.00	0.84	0.30	0.28	0.24	114.43	114.27	76.65	147.44	147.28	112.78	728.40	728.24	555.01
2029-06-02	2.16	2.10	1.77	1.04	0.98	0.82	0.21	0.15	0.13	1.20	1.18	1.00	0.96	0.94	0.79	0.28	0.27	0.22	113.87	113.75	77.24	146.89	146.76	112.37	727.84	727.72	554.59
2029-06-03	2.40	2.31	1.83	1.15	1.06	0.85	0.23	0.14	0.12	1.34	1.31	1.03	1.07	1.04	0.82	0.32	0.30	0.23	113.42	113.31	86.88	146.43	146.32	112.01	727.39	727.28	554.23
2029-06-04	2.72	2.62	1.88	1.30	1.20	0.88	0.26	0.16	0.13	1.52	1.49	1.06	1.21	1.18	0.84	0.36	0.33	0.24	113.05	112.95	86.58	146.06	145.96	111.71	727.02	726.92	553.94
2029-06-05	2.97	2.85	2.01	1.42	1.31	0.93	0.28	0.17	0.13	1.66	1.63	1.14	1.32	1.29	0.91	0.39	0.37	0.26	112.74	112.64	86.33	145.75	145.66	111.46	726.71	726.61	553.69
2029-06-06	3.50	3.36	2.14	1.68	1.54	0.99	0.34	0.19	0.14	1.95	1.92	1.21	1.55	1.52	0.96	0.46	0.43	0.27	112.48	112.39	86.12	145.49	145.40	111.25	726.45	726.36	553.47
2029-06-07	2.96	2.89	2.01	1.42	1.35	0.93	0.28	0.21	0.14	1.65	1.62	1.13	1.32	1.29	0.90	0.39	0.36	0.25	112.25	112.17	85.93	145.27	145.18	111.06	726.22	726.14	553.28
2029-06-08	2.70	2.62	1.89	1.29	1.22	0.88	0.26	0.18	0.13	1.51	1.48	1.06	1.20	1.17	0.84	0.36	0.33	0.24	112.06	111.98	85.77	145.07	145.00	110.90	726.03	725.95	553.12
2029-06-09	2.48	2.41	1.78	1.19	1.12	0.83	0.24	0.17	0.13	1.38	1.36	1.00	1.10	1.08	0.80	0.33	0.31	0.23	111.89	111.82	85.63	144.90	144.83	110.76	725.86	725.79	552.98
2029-06-10	2.30	2.23	1.69	1.10	1.04	0.79	0.22	0.16	0.12	1.28	1.26	0.95	1.02	1.00	0.76	0.30	0.28	0.21	111.75	111.68	85.50	144.76	144.69	110.63	725.72	725.65	552.86
2029-06-11	2.24	2.17	1.62	1.07	1.01	0.75	0.21	0.15	0.12	1.25	1.23	0.91	0.99	0.97	0.72	0.29	0.28	0.20	111.63	111.57	85.39	144.65	144.58	110.52	725.60	725.54	552.75
2029-06-12	2.36	2.28	1.59	1.13																							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2029-07-11	1.18	1.15	0.94	0.57	0.54	0.44	0.11	0.09	0.07	0.66	0.65	0.52	0.52	0.51	0.41	0.16	0.15	0.12	154.52	154.40	146.14	189.47	189.35	179.22	1005.33	1005.21	951.52
2029-07-12	1.15	1.13	0.92	0.55	0.53	0.43	0.11	0.09	0.07	0.64	0.63	0.52	0.51	0.50	0.41	0.15	0.14	0.12	154.14	154.03	145.81	189.09	188.98	178.89	1004.95	1004.84	951.19
2029-07-13	1.13	1.10	0.91	0.54	0.52	0.43	0.11	0.08	0.07	0.63	0.62	0.51	0.50	0.49	0.40	0.15	0.14	0.11	153.82	153.72	145.53	188.77	188.67	178.62	1004.63	1004.53	950.91
2029-07-14	1.10	1.08	0.91	0.53	0.51	0.43	0.11	0.08	0.07	0.62	0.60	0.50	0.49	0.48	0.40	0.15	0.14	0.11	153.55	153.46	145.30	188.50	188.41	178.38	1004.36	1004.27	950.68
2029-07-15	1.08	1.06	0.90	0.52	0.50	0.42	0.10	0.08	0.07	0.60	0.59	0.50	0.48	0.47	0.40	0.14	0.13	0.11	64.89	64.80	61.38	85.26	85.18	80.67	510.46	510.38	483.17
2029-07-16	1.06	1.04	0.88	0.51	0.49	0.42	0.10	0.08	0.07	0.59	0.58	0.49	0.47	0.46	0.39	0.14	0.13	0.11	64.69	64.61	61.21	85.06	84.98	80.49	510.27	510.19	482.99
2029-07-17	1.04	1.02	0.88	0.50	0.48	0.41	0.10	0.08	0.07	0.58	0.57	0.49	0.46	0.45	0.39	0.14	0.13	0.11	64.52	64.44	61.06	84.89	84.82	80.34	510.09	510.02	482.84
2029-07-18	1.02	1.00	0.87	0.49	0.47	0.41	0.10	0.08	0.07	0.57	0.56	0.48	0.46	0.45	0.38	0.13	0.13	0.11	64.37	64.30	60.92	84.74	84.67	80.21	509.95	509.88	482.71
2029-07-19	1.01	0.99	0.86	0.48	0.46	0.41	0.10	0.08	0.07	0.56	0.55	0.48	0.45	0.44	0.38	0.13	0.12	0.11	64.27	64.21	60.82	84.65	84.58	80.10	509.85	509.78	482.60
2029-07-20	0.99	0.97	0.85	0.48	0.46	0.40	0.10	0.08	0.07	0.55	0.54	0.48	0.44	0.43	0.38	0.13	0.12	0.11	64.19	64.13	60.73	84.56	84.50	80.02	509.77	509.70	482.51
2029-07-21	0.98	0.96	0.85	0.47	0.45	0.40	0.09	0.07	0.07	0.55	0.54	0.47	0.43	0.43	0.37	0.13	0.12	0.11	64.08	64.02	60.63	84.45	84.39	79.92	509.65	509.59	482.41
2029-07-22	0.97	0.95	0.84	0.46	0.44	0.39	0.09	0.07	0.07	0.54	0.53	0.47	0.43	0.42	0.37	0.13	0.12	0.11	63.98	63.92	60.55	84.35	84.30	79.83	509.56	509.50	482.33
2029-07-23	0.96	0.94	0.83	0.46	0.44	0.39	0.09	0.07	0.07	0.53	0.52	0.47	0.42	0.42	0.37	0.13	0.12	0.10	63.89	63.83	60.47	84.26	84.21	79.75	509.47	509.41	482.25
2029-07-24	0.95	0.93	0.83	0.45	0.44	0.39	0.09	0.08	0.07	0.53	0.52	0.46	0.42	0.41	0.37	0.12	0.12	0.10	63.81	63.76	60.39	84.18	84.13	79.68	509.39	509.33	482.18
2029-07-25	0.93	0.92	0.82	0.45	0.43	0.39	0.09	0.07	0.06	0.52	0.51	0.46	0.41	0.41	0.36	0.12	0.11	0.10	63.74	63.69	60.33	84.11	84.06	79.62	509.31	509.26	482.11
2029-07-26	0.92	0.91	0.82	0.44	0.43	0.38	0.09	0.07	0.06	0.52	0.51	0.46	0.41	0.40	0.36	0.12	0.11	0.10	63.67	63.62	60.27	84.04	84.00	79.56	509.25	509.20	482.06
2029-07-27	0.91	0.90	0.81	0.44	0.42	0.38	0.09	0.07	0.06	0.51	0.50	0.45	0.41	0.40	0.36	0.12	0.11	0.10	63.61	63.56	60.22	83.99	83.94	79.51	509.19	509.14	482.00
2029-07-28	0.90	0.89	0.81	0.43	0.42	0.38	0.09	0.07	0.06	0.50	0.50	0.45	0.40	0.39	0.36	0.12	0.11	0.10	63.56	63.51	60.17	83.93	83.89	79.46	509.13	509.09	481.96
2029-07-29	0.89	0.88	0.80	0.43	0.41	0.38	0.09	0.07	0.06	0.50	0.49	0.45	0.40	0.39	0.35	0.12	0.11	0.10	63.59	63.54	60.19	83.96	83.91	79.47	509.16	509.12	481.97
2029-07-30	0.89	0.87	0.80	0.43	0.41	0.38	0.08	0.07	0.06	0.49	0.49	0.45	0.39	0.39	0.35	0.12	0.11	0.10	63.61	63.57	60.20	83.98	83.94	79.49	509.19	509.14	481.98
2029-07-31	0.88	0.86	0.79	0.42	0.41	0.37	0.08	0.07	0.06	0.49	0.48	0.44	0.39	0.38	0.35	0.12	0.11	0.10	63.56	63.51	60.15	83.93	83.89	79.44	509.13	509.09	481.93
2029-08-01	0.87	0.86	0.79	0.42	0.40	0.37	0.08	0.07	0.06	0.49	0.48	0.44	0.39	0.38	0.35	0.11	0.11	0.10	65.16	65.00	57.77	85.53	85.37	75.87	510.74	510.58	453.58
2029-08-02	0.86	0.85	0.79	0.41	0.40	0.37	0.08	0.07	0.06	0.48	0.47	0.44	0.38	0.38	0.35	0.11	0.11	0.10	67.90	67.64	59.96	88.27	88.01	78.06	513.47	513.22	455.77
2029-08-03	0.90	0.88	0.84	0.43	0.41	0.39	0.09	0.07	0.06	0.50	0.49	0.47	0.40	0.39	0.37	0.12	0.11	0.11	65.23	65.22	57.91	85.60	85.59	76.01	510.80	510.79	453.72
2029-08-04	1.03	1.01	0.92	0.50	0.47	0.43	0.10	0.07	0.07	0.58	0.57	0.51	0.46	0.45	0.41	0.14	0.13	0.12	64.98	64.89	57.66	85.36	85.27	75.75	510.56	510.47	453.46
2029-08-05	0.89	0.89	0.81	0.43	0.42	0.38	0.09	0.08	0.07	0.50	0.49	0.45	0.40	0.39	0.35	0.12	0.11	0.10	65.56	65.42	58.05	85.93	85.80	76.14	511.14	511.00	453.85
2029-08-06	0.89	0.87	0.80	0.43	0.41	0.38	0.08	0.07	0.06	0.49	0.49	0.44	0.39	0.39	0.35	0.12	0.11	0.10	67.27	67.04	59.22	87.64	87.42	77.32	512.84	512.62	455.03
2029-08-07	0.88	0.87	0.79	0.42	0.41	0.38	0.08	0.07	0.07	0.49	0.48	0.44	0.39	0.38	0.35	0.12	0.11	0.10	66.35	66.24	58.60	86.72	86.62	76.70	511.92	511.82	454.41
2029-08-08	0.87	0.86	0.79	0.42	0.41	0.38	0.08	0.07	0.07	0.49	0.48	0.44	0.39	0.38	0.35	0.12	0.11	0.10	65.92	65.81	58.30	86.29	86.18	76.40	511.50	511.39	454.10
2029-08-09	0.87	0.85	0.79	0.42	0.40	0.37	0.08	0.07	0.06	0.48	0.47	0.44	0.38	0.38	0.35	0.11	0.11	0.10	65.57	65.46	58.05	85.94	85.84	76.15	511.14	511.04	453.86
2029-08-10	0.86	0.85	0.78	0.41	0.40	0.37	0.08	0.07	0.06	0.48	0.47	0.43	0.38	0.37	0.35	0.11	0.11	0.10	65.27	65.17	57.84	85.64	85.55	75.94	510.85	510.75	453.65
2029-08-11	0.85	0.84	0.78	0.41	0.40	0.37	0.08	0.07	0.06	0.48	0.47	0.43	0.38	0.37	0.34	0.11	0.10	0.10	65.02	64.93	57.66	85.39	85.31	75.76	510.60	510.51	453.47
2029-08-12	0.85	0.83	0.78	0.41	0.39	0.37	0.08	0.07	0.06	0.47	0.46	0.44	0.38	0.37	0.35	0.11	0.10	0.10	64.80	64.72	57.50	85.18	85.10	75.60	510.38	510.30	453.31
2029-08-13	0.84	0.83	0.78	0.40	0.39	0.37	0.08	0.07	0.06	0.47	0.46	0.44	0.37	0.37	0.35	0.11	0.10	0.10	64.62	64.54	57.36	84.99	84.91	75.46	510.19	510.12	453.17
2029-08-14	0.83	0.82	0.78	0.40	0.39	0.37	0.08	0.07	0.07	0.47	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	64.45	64.38	57.24	84.83	84.76	75.34	510.03	509.96	453.05
2029-08-15	0.83	0.82	0.78	0.40	0.38	0.37	0.08	0.07	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	30.06	30.00	26.71	40.94	40.87	36.37	225.79	225.72	200.57
2029-08-16	0.82	0.81	0.79	0.40	0.38	0.37	0.08	0.07	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	29.94	29.88	26.61	40.81	40.75	36.27	225.66	225.60	200.48
2029-08-17	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.07	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	29.83	29.77	26.53	40.70	40.64	36.19	225.55	225.49	200.39
2029-08-18	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.73	29.67	26.45	40.60	40.55	36.11	225.45	225.40	200.31
2029-08-19	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.64	29.59	26.38	40.51	40.46	36.04	225.37	225.31	200.24
2029-08-20	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.56	29.51	26.32	40.43	40.38	35.98	225.29	225.23	200.18
2029-08-21	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.49	29.44	26.26	40.36	40.31	35.92	225.21	225.16	200.12
2029-08-22	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.06	0.45	0.44																

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2029-09-20	0.84	0.83	0.79	0.40	0.39	0.37	0.08	0.07	0.07	0.47	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	21.91	21.81	21.24	30.72	30.62	29.82	160.73	160.62	156.40
2029-09-21	0.83	0.82	0.79	0.40	0.39	0.37	0.08	0.07	0.07	0.46	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	21.51	21.40	20.85	30.32	30.21	29.43	160.33	160.22	156.02
2029-09-22	0.83	0.82	0.79	0.40	0.39	0.37	0.08	0.07	0.07	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	21.58	21.45	20.91	30.39	30.26	29.49	160.39	160.27	156.07
2029-09-23	0.82	0.81	0.78	0.39	0.38	0.37	0.08	0.07	0.07	0.46	0.45	0.43	0.37	0.36	0.34	0.11	0.10	0.10	22.06	21.91	21.35	30.87	30.72	29.93	160.87	160.72	156.51
2029-09-24	0.82	0.81	0.78	0.39	0.38	0.37	0.08	0.07	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	23.30	23.07	22.50	32.11	31.88	31.08	162.11	161.89	157.67
2029-09-25	0.81	0.80	0.78	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	24.09	23.86	23.29	32.90	32.67	31.87	162.91	162.67	158.45
2029-09-26	0.81	0.80	0.78	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	23.18	23.03	22.47	31.99	31.85	31.05	162.00	161.85	157.63
2029-09-27	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	22.54	22.40	21.86	31.35	31.21	30.44	161.35	161.22	157.02
2029-09-28	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	25.86	25.46	24.91	34.67	34.28	33.49	164.67	164.28	160.08
2029-09-29	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	34.42	33.22	33.05	43.24	42.04	41.63	173.24	172.04	168.21
2029-09-30	1.31	1.25	1.25	0.63	0.57	0.57	0.13	0.07	0.07	0.73	0.72	0.71	0.58	0.57	0.57	0.17	0.16	0.16	31.31	30.32	30.65	40.12	39.14	39.23	170.12	169.14	165.82
2029-10-01	1.95	1.87	1.85	0.94	0.85	0.85	0.19	0.10	0.10	1.09	1.07	1.06	0.87	0.85	0.84	0.26	0.24	0.24	29.14	28.80	29.20	37.95	37.61	38.10	167.95	167.61	169.31
2029-10-02	1.03	1.06	1.03	0.49	0.52	0.51	0.10	0.13	0.13	0.57	0.57	0.55	0.46	0.45	0.43	0.14	0.13	0.12	27.10	26.85	27.16	35.91	35.66	36.05	165.92	165.67	167.26
2029-10-03	1.01	0.99	0.89	0.49	0.47	0.38	0.10	0.08	0.00	0.57	0.56	0.54	0.45	0.44	0.43	0.13	0.12	0.12	25.53	25.32	25.58	34.34	34.13	34.47	164.34	164.14	165.68
2029-10-04	1.00	0.98	0.87	0.48	0.46	0.37	0.10	0.08	0.00	0.56	0.55	0.53	0.44	0.43	0.42	0.13	0.12	0.12	24.34	24.16	24.39	33.15	32.97	33.28	163.15	162.97	164.49
2029-10-05	0.98	0.97	0.86	0.47	0.46	0.37	0.09	0.08	0.00	0.55	0.54	0.52	0.44	0.43	0.41	0.13	0.12	0.12	23.44	23.28	23.49	32.25	32.09	32.39	162.25	162.09	163.60
2029-10-06	0.97	0.95	0.85	0.47	0.45	0.36	0.09	0.08	0.00	0.54	0.53	0.52	0.43	0.42	0.41	0.13	0.12	0.12	22.74	22.36	22.57	31.55	31.17	31.46	161.55	161.18	162.67
2029-10-07	0.96	0.94	0.84	0.46	0.44	0.36	0.09	0.08	0.00	0.53	0.52	0.51	0.43	0.42	0.40	0.13	0.12	0.11	22.50	22.14	22.36	31.32	30.95	31.26	161.32	160.96	162.47
2029-10-08	0.95	0.93	0.83	0.45	0.44	0.35	0.09	0.07	0.00	0.53	0.52	0.50	0.42	0.41	0.40	0.12	0.12	0.11	22.28	21.93	22.17	31.09	30.74	31.06	161.09	160.75	162.27
2029-10-09	0.97	0.95	0.89	0.47	0.45	0.39	0.09	0.07	0.03	0.54	0.53	0.52	0.43	0.42	0.41	0.13	0.12	0.12	21.81	21.50	21.72	30.62	30.31	30.61	160.63	160.31	161.83
2029-10-10	1.19	1.16	1.20	0.57	0.54	0.55	0.11	0.08	0.08	0.67	0.65	0.68	0.53	0.52	0.54	0.16	0.15	0.15	21.78	21.47	21.67	30.59	30.28	30.56	160.60	160.28	161.77
2029-10-11	1.09	1.08	1.12	0.52	0.51	0.53	0.10	0.09	0.09	0.61	0.60	0.62	0.48	0.47	0.49	0.14	0.13	0.14	21.73	21.42	21.61	30.54	30.23	30.50	160.54	160.23	161.71
2029-10-12	1.03	1.01	1.01	0.49	0.48	0.48	0.10	0.08	0.08	0.57	0.56	0.56	0.46	0.45	0.44	0.14	0.13	0.13	21.36	21.08	21.43	30.17	29.89	30.32	160.17	159.89	161.53
2029-10-13	1.04	0.94	0.93	0.50	0.40	0.39	0.10	0.00	0.00	0.58	0.57	0.56	0.46	0.45	0.45	0.14	0.13	0.13	21.05	20.79	21.13	29.86	29.60	30.02	159.87	159.61	161.23
2029-10-14	1.04	0.94	0.93	0.50	0.40	0.39	0.10	0.00	0.00	0.58	0.57	0.56	0.46	0.45	0.45	0.14	0.13	0.13	20.79	20.64	20.87	29.60	29.45	29.77	159.61	159.46	160.98
2029-10-15	1.03	0.93	0.95	0.49	0.39	0.42	0.10	0.00	0.03	0.57	0.56	0.55	0.46	0.45	0.44	0.14	0.13	0.12	20.15	20.06	20.23	28.07	27.98	28.22	137.13	137.04	138.30
2029-10-16	1.04	1.02	0.95	0.50	0.48	0.41	0.10	0.08	0.02	0.58	0.57	0.56	0.46	0.45	0.45	0.14	0.13	0.13	19.99	19.91	20.07	27.91	27.83	28.06	136.97	136.89	138.14
2029-10-17	1.06	1.04	1.03	0.51	0.49	0.48	0.10	0.08	0.08	0.59	0.58	0.57	0.47	0.46	0.46	0.14	0.13	0.13	19.81	20.02	19.90	27.73	27.94	27.90	136.79	137.00	137.97
2029-10-18	1.04	1.02	0.93	0.50	0.48	0.40	0.10	0.08	0.00	0.58	0.57	0.56	0.46	0.45	0.45	0.14	0.13	0.13	19.66	19.46	20.09	27.58	27.38	28.08	136.64	136.44	138.16
2029-10-19	1.51	1.44	1.45	0.72	0.66	0.61	0.14	0.08	0.00	0.84	0.83	0.88	0.67	0.65	0.69	0.20	0.18	0.20	19.52	19.34	19.50	27.44	27.26	27.49	136.50	136.32	137.57
2029-10-20	2.36	2.13	2.55	1.13	0.91	1.21	0.23	0.00	0.23	1.32	1.29	1.41	1.05	1.02	1.12	0.31	0.29	0.32	19.40	19.29	19.39	27.32	27.21	27.38	136.38	136.27	137.46
2029-10-21	1.45	1.35	1.37	0.70	0.60	0.58	0.14	0.04	0.00	0.81	0.79	0.83	0.64	0.63	0.66	0.19	0.18	0.19	19.30	19.23	19.29	27.22	27.15	27.28	136.28	136.21	137.36
2029-10-22	1.40	1.36	1.41	0.67	0.63	0.66	0.13	0.10	0.10	0.78	0.76	0.80	0.62	0.61	0.63	0.18	0.17	0.18	19.20	19.15	19.44	27.12	27.07	27.43	136.18	136.13	137.51
2029-10-23	1.35	1.27	1.37	0.65	0.57	0.65	0.13	0.05	0.11	0.75	0.74	0.77	0.60	0.59	0.61	0.18	0.17	0.17	19.12	19.06	19.12	27.04	26.98	27.12	136.10	136.04	137.19
2029-10-24	1.33	1.27	1.34	0.64	0.58	0.62	0.13	0.07	0.09	0.74	0.73	0.75	0.59	0.58	0.60	0.18	0.16	0.17	19.04	18.99	19.09	26.96	26.91	27.08	136.02	135.97	137.16
2029-10-25	2.36	2.23	2.21	1.13	1.00	0.99	0.23	0.10	0.10	1.32	1.29	1.28	1.05	1.02	1.02	0.31	0.29	0.29	18.97	18.92	19.09	26.89	26.84	27.08	135.95	135.90	137.16
2029-10-26	4.34	4.08	3.81	2.08	1.83	1.71	0.42	0.16	0.15	2.42	2.37	2.21	1.93	1.88	1.76	0.57	0.53	0.50	18.97	18.92	19.10	26.90	26.84	27.09	135.96	135.90	137.17
2029-10-27	2.79	2.79	2.59	1.34	1.34	1.24	0.27	0.26	0.24	1.56	1.53	1.42	1.24	1.21	1.13	0.37	0.34	0.32	18.98	18.93	19.11	26.90	26.85	27.10	135.96	135.91	137.17
2029-10-28	2.56	2.48	2.33	1.23	1.15	1.08	0.25	0.17	0.16	1.43	1.40	1.31	1.14	1.11	1.04	0.34	0.31	0.29	18.91	18.86	19.04	26.83	26.78	27.03	135.89	135.84	137.11
2029-10-29	2.36	2.30	2.16	1.13	1.07	1.01	0.23	0.16	0.15	1.32	1.29	1.22	1.05	1.03	0.97	0.31	0.29	0.27	18.85	18.79	18.97	26.77	26.71	26.96	135.83	135.77	137.03
2029-10-30	2.20	2.12	2.01	1.05	0.98	0.93	0.21	0.14	0.13	1.22	1.20	1.14	0.97	0.95	0.90	0.29	0.27	0.25	18.80	18.74	18.92	26.72	26.66	26.91	135.78	135.72	136.98
2029-10-31	2.05	1.99	1.90	0.99	0.92	0.88	0.20	0.14	0.13	1.15	1.13	1.07	0.91	0.89	0.85	0.27	0.25	0.24	18.75	18.70	18.87	26.67	26.62	26.86	135.73	135.68	136.94
2029-11-01	1.93	1.88	1.79	0.93	0.87	0.83	0.19	0.13	0.12	1.08	1.06	1.01	0.86	0.84	0.80	0.25	0.24	0.23									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2029-11-30	1.23	1.18	1.25	0.59	0.55	0.58	0.12	0.08	0.08	0.68	0.67	0.71	0.54	0.53	0.57	0.16	0.15	0.16	18.46	18.43	18.56	27.13	27.10	27.29	122.97	122.94	123.82
2029-12-01	1.00	0.99	1.01	0.48	0.47	0.48	0.10	0.09	0.09	0.56	0.55	0.55	0.44	0.44	0.44	0.13	0.12	0.12	18.46	18.43	18.47	27.12	27.09	27.16	122.96	122.94	123.21
2029-12-02	0.99	0.96	0.97	0.47	0.45	0.45	0.09	0.07	0.07	0.55	0.54	0.55	0.44	0.43	0.43	0.13	0.12	0.12	18.45	18.42	18.47	27.11	27.09	27.15	122.95	122.93	123.20
2029-12-03	0.97	0.94	0.95	0.47	0.43	0.44	0.09	0.06	0.06	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.12	18.44	18.41	18.45	27.10	27.07	27.14	122.95	122.92	123.19
2029-12-04	0.96	0.92	0.93	0.46	0.43	0.43	0.09	0.06	0.06	0.54	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	18.43	18.40	18.44	27.10	27.06	27.13	122.94	122.91	123.18
2029-12-05	0.95	0.91	0.92	0.45	0.42	0.43	0.09	0.06	0.06	0.53	0.52	0.52	0.42	0.41	0.41	0.12	0.12	0.12	18.43	18.39	18.43	27.09	27.05	27.11	122.93	122.89	123.17
2029-12-06	0.94	0.90	0.91	0.45	0.42	0.42	0.09	0.06	0.06	0.52	0.51	0.52	0.42	0.41	0.41	0.12	0.11	0.12	18.42	18.38	18.42	27.08	27.04	27.11	122.93	122.88	123.16
2029-12-07	0.93	0.90	0.91	0.44	0.42	0.42	0.09	0.06	0.06	0.52	0.51	0.51	0.41	0.40	0.40	0.12	0.11	0.11	18.41	18.37	18.41	27.08	27.03	27.10	122.92	122.88	123.15
2029-12-08	0.92	0.89	0.90	0.44	0.42	0.42	0.09	0.06	0.06	0.51	0.50	0.50	0.41	0.40	0.40	0.12	0.11	0.11	18.41	18.36	18.41	27.07	27.03	27.09	122.91	122.87	123.14
2029-12-09	0.91	0.88	0.89	0.43	0.41	0.42	0.09	0.07	0.07	0.51	0.50	0.50	0.40	0.39	0.40	0.12	0.11	0.11	18.40	18.36	18.40	27.07	27.02	27.09	122.91	122.87	123.14
2029-12-10	0.90	0.87	0.88	0.43	0.41	0.41	0.09	0.06	0.06	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	18.40	18.37	18.40	27.07	27.03	27.09	122.91	122.87	123.14
2029-12-11	0.89	0.87	0.87	0.43	0.41	0.41	0.09	0.06	0.07	0.50	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.11	18.40	18.37	18.41	27.07	27.03	27.09	122.91	122.88	123.14
2029-12-12	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.07	0.07	0.49	0.48	0.49	0.39	0.38	0.38	0.12	0.11	0.11	18.41	18.37	18.41	27.07	27.04	27.09	122.91	122.88	123.15
2029-12-13	0.87	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.48	0.39	0.38	0.38	0.11	0.11	0.11	18.41	18.38	18.42	27.07	27.04	27.10	122.91	122.89	123.15
2029-12-14	0.87	0.84	0.85	0.42	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.38	0.38	0.11	0.11	0.11	18.41	18.38	18.42	27.07	27.05	27.10	122.91	122.89	123.16
2029-12-15	0.86	0.84	0.85	0.41	0.39	0.40	0.08	0.06	0.07	0.48	0.47	0.47	0.38	0.37	0.38	0.11	0.11	0.11	13.16	13.13	13.16	19.27	19.24	19.29	81.12	81.09	81.27
2029-12-16	0.86	0.84	0.85	0.41	0.40	0.40	0.08	0.07	0.07	0.48	0.47	0.47	0.38	0.37	0.38	0.11	0.11	0.11	13.23	13.20	13.26	19.35	19.32	19.38	81.20	81.17	81.37
2029-12-17	0.94	0.92	0.95	0.45	0.43	0.44	0.09	0.07	0.07	0.53	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	13.11	13.09	13.14	19.23	19.21	19.27	81.07	81.06	81.25
2029-12-18	0.99	0.97	1.01	0.48	0.45	0.47	0.09	0.07	0.08	0.55	0.54	0.57	0.44	0.43	0.45	0.13	0.12	0.13	13.11	13.08	13.11	19.22	19.20	19.24	81.07	81.05	81.23
2029-12-19	0.95	0.93	0.96	0.46	0.44	0.46	0.09	0.08	0.08	0.53	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.12	13.09	13.07	13.09	19.21	19.18	19.22	81.06	81.03	81.20
2029-12-20	1.09	1.07	1.12	0.52	0.50	0.53	0.10	0.08	0.09	0.61	0.60	0.63	0.48	0.47	0.50	0.14	0.13	0.14	13.09	13.06	13.08	19.21	19.17	19.21	81.06	81.02	81.19
2029-12-21	0.95	0.94	0.98	0.45	0.45	0.47	0.09	0.08	0.09	0.53	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.12	13.09	13.06	13.08	19.21	19.18	19.21	81.06	81.02	81.20
2029-12-22	0.95	0.93	0.97	0.45	0.44	0.46	0.09	0.08	0.08	0.53	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.12	13.09	13.07	13.09	19.21	19.18	19.22	81.06	81.03	81.21
2029-12-23	0.94	0.93	0.97	0.45	0.44	0.46	0.09	0.08	0.08	0.52	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.12	13.10	13.07	13.09	19.21	19.18	19.22	81.06	81.03	81.21
2029-12-24	0.93	0.91	0.95	0.45	0.43	0.45	0.09	0.07	0.07	0.52	0.51	0.53	0.41	0.40	0.42	0.12	0.11	0.12	13.10	13.07	13.09	19.21	19.19	19.22	81.06	81.03	81.21
2029-12-25	0.92	0.90	0.94	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.50	0.52	0.41	0.40	0.42	0.12	0.11	0.12	13.10	13.07	13.10	19.21	19.19	19.23	81.06	81.04	81.21
2029-12-26	0.91	0.89	0.93	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.50	0.52	0.40	0.40	0.41	0.12	0.11	0.12	13.10	13.07	13.10	19.22	19.19	19.22	81.06	81.03	81.21
2029-12-27	0.90	0.88	0.92	0.43	0.42	0.43	0.09	0.07	0.07	0.50	0.49	0.51	0.40	0.39	0.41	0.12	0.11	0.11	13.15	13.12	13.15	19.27	19.24	19.28	81.12	81.09	81.27
2029-12-28	0.89	0.88	0.91	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.49	0.51	0.40	0.39	0.40	0.12	0.11	0.11	13.22	13.19	13.23	19.33	19.31	19.36	81.18	81.15	81.34
2029-12-29	0.88	0.87	0.90	0.42	0.41	0.42	0.08	0.07	0.07	0.49	0.48	0.50	0.39	0.38	0.40	0.12	0.11	0.11	13.11	13.08	13.11	19.22	19.20	19.24	81.07	81.05	81.22
2029-12-30	0.88	0.85	0.88	0.42	0.40	0.41	0.08	0.06	0.07	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	13.10	13.07	13.09	19.21	19.19	19.22	81.06	81.03	81.21
2029-12-31	0.87	0.84	0.87	0.42	0.39	0.40	0.08	0.06	0.06	0.48	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	13.10	13.07	13.10	19.21	19.19	19.23	81.06	81.04	81.21
2030-01-01	0.86	0.84	0.86	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.49	0.38	0.37	0.38	0.11	0.11	0.11	13.10	13.08	13.08	19.22	19.19	19.20	81.06	81.04	81.06
2030-01-02	0.85	0.83	0.85	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.10	0.11	13.10	13.07	13.07	19.22	19.19	19.19	81.07	81.04	81.06
2030-01-03	0.85	0.82	0.85	0.41	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.48	0.38	0.37	0.38	0.11	0.10	0.11	13.10	13.07	13.07	19.22	19.19	19.19	81.07	81.04	81.06
2030-01-04	0.84	0.82	0.84	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.38	0.11	0.10	0.11	13.10	13.07	13.08	19.22	19.19	19.19	81.07	81.04	81.06
2030-01-05	0.84	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.11	13.11	13.07	13.08	19.22	19.19	19.19	81.07	81.04	81.06
2030-01-06	0.83	0.81	0.83	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.10	13.11	13.08	13.08	19.22	19.19	19.20	81.07	81.04	81.06
2030-01-07	0.83	0.80	0.82	0.40	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.11	13.08	13.08	19.22	19.20	19.20	81.07	81.04	81.07
2030-01-08	0.82	0.80	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	13.21	13.18	13.20	19.33	19.29	19.32	81.17	81.14	81.19
2030-01-09	0.82	0.80	0.82	0.39	0.38	0.39	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	13.41	13.37	13.45	19.53	19.49	19.57	81.38	81.33	81.43
2030-01-10	0.83	0.82	0.84	0.40	0.39	0.39	0.08	0.07	0.07	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.10	13.30	13.27	13.32	19.42	19.39	19.44	81.26	81.24	81.31
2030-01-11	0.82	0.80	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.45	0.46	0.36	0.35	0.36	0.11	0.10	0.10	13.11	13.09	13.09	19.22	19.20				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2030-02-09	0.91	0.90	0.99	0.44	0.42	0.46	0.09	0.07	0.08	0.51	0.50	0.55	0.41	0.40	0.44	0.12	0.11	0.12	10.47	10.45	10.43	16.39	16.37	16.34	69.38	69.35	69.24
2030-02-10	0.90	0.88	0.97	0.43	0.42	0.45	0.09	0.07	0.07	0.50	0.49	0.54	0.40	0.39	0.43	0.12	0.11	0.12	10.47	10.45	10.43	16.39	16.36	16.33	69.38	69.35	69.24
2030-02-11	0.89	0.87	0.95	0.43	0.41	0.45	0.09	0.07	0.07	0.50	0.49	0.53	0.40	0.39	0.42	0.12	0.11	0.12	10.48	10.45	10.43	16.39	16.37	16.34	69.38	69.35	69.24
2030-02-12	0.89	0.86	0.94	0.43	0.40	0.44	0.08	0.06	0.07	0.49	0.49	0.53	0.39	0.38	0.42	0.12	0.11	0.12	10.48	10.45	10.43	16.39	16.37	16.34	69.38	69.35	69.24
2030-02-13	0.88	0.86	0.93	0.42	0.40	0.43	0.08	0.06	0.07	0.49	0.48	0.52	0.39	0.38	0.41	0.12	0.11	0.12	10.48	10.45	10.47	16.40	16.37	16.37	69.38	69.35	69.28
2030-02-14	0.87	0.85	0.92	0.42	0.40	0.43	0.08	0.06	0.07	0.49	0.48	0.51	0.39	0.38	0.41	0.11	0.11	0.12	10.48	10.45	10.52	16.40	16.37	16.43	69.38	69.36	69.33
2030-02-15	0.86	0.85	0.91	0.41	0.40	0.43	0.08	0.07	0.07	0.48	0.47	0.51	0.38	0.38	0.40	0.11	0.11	0.11	10.50	10.48	10.46	15.38	15.36	15.33	65.48	65.46	65.36
2030-02-16	0.86	0.84	0.90	0.41	0.40	0.42	0.08	0.07	0.07	0.48	0.47	0.50	0.38	0.37	0.40	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.36	15.33	65.48	65.46	65.35
2030-02-17	1.05	1.02	1.27	0.50	0.47	0.58	0.10	0.07	0.07	0.59	0.58	0.73	0.47	0.46	0.58	0.14	0.13	0.16	10.51	10.48	10.45	15.39	15.36	15.33	65.48	65.46	65.35
2030-02-18	1.68	1.60	2.33	0.81	0.73	1.05	0.16	0.08	0.11	0.94	0.92	1.35	0.75	0.73	1.07	0.22	0.21	0.30	10.51	10.48	10.45	15.39	15.36	15.33	65.49	65.46	65.35
2030-02-19	2.13	2.06	2.76	1.02	0.95	1.27	0.20	0.13	0.18	1.19	1.17	1.56	0.95	0.93	1.24	0.28	0.26	0.35	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2030-02-20	2.38	2.34	3.17	1.14	1.10	1.49	0.23	0.18	0.25	1.33	1.31	1.78	1.06	1.04	1.41	0.31	0.29	0.40	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2030-02-21	1.72	1.72	2.57	0.82	0.83	1.22	0.16	0.17	0.22	0.96	0.94	1.43	0.76	0.75	1.13	0.23	0.21	0.32	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2030-02-22	1.71	1.69	2.51	0.82	0.79	1.17	0.16	0.13	0.19	0.96	0.94	1.41	0.76	0.75	1.12	0.23	0.21	0.32	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2030-02-23	1.99	1.91	2.89	0.95	0.88	1.32	0.19	0.12	0.16	1.11	1.09	1.65	0.88	0.86	1.31	0.26	0.24	0.37	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.36
2030-02-24	2.94	2.82	4.14	1.41	1.29	1.90	0.28	0.16	0.25	1.64	1.61	2.35	1.30	1.28	1.87	0.39	0.36	0.53	10.51	10.48	10.46	15.39	15.37	15.33	65.49	65.46	65.36
2030-02-25	2.41	2.38	3.58	1.15	1.13	1.68	0.23	0.21	0.28	1.34	1.32	2.00	1.07	1.05	1.59	0.32	0.30	0.45	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.36
2030-02-26	2.23	2.17	3.15	1.07	1.01	1.46	0.21	0.15	0.21	1.25	1.22	1.78	0.99	0.97	1.41	0.29	0.27	0.40	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.46	65.36
2030-02-27	2.09	2.02	2.84	1.00	0.94	1.32	0.20	0.14	0.19	1.16	1.14	1.61	0.93	0.91	1.28	0.27	0.26	0.36	10.51	10.48	10.46	15.39	15.37	15.34	65.49	65.46	65.36
2030-02-28	1.96	1.90	2.59	0.94	0.88	1.20	0.19	0.13	0.17	1.09	1.07	1.47	0.87	0.85	1.16	0.26	0.24	0.33	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.36
2030-03-01	1.85	1.80	2.39	0.89	0.83	1.11	0.18	0.12	0.16	1.03	1.01	1.35	0.82	0.80	1.07	0.24	0.23	0.30	10.77	10.73	18.45	15.65	15.61	27.08	65.75	65.71	115.65
2030-03-02	1.75	1.70	2.21	0.84	0.79	1.03	0.17	0.12	0.15	0.98	0.96	1.25	0.78	0.76	0.99	0.23	0.22	0.28	12.10	11.97	21.46	16.98	16.85	30.09	67.07	66.95	118.66
2030-03-03	1.67	1.62	2.06	0.80	0.75	0.96	0.16	0.11	0.14	0.93	0.91	1.16	0.74	0.73	0.92	0.22	0.21	0.26	12.81	12.70	22.10	17.70	17.58	30.73	67.79	67.68	119.31
2030-03-04	1.59	1.55	1.93	0.77	0.72	0.90	0.15	0.11	0.13	0.89	0.87	1.09	0.71	0.69	0.87	0.21	0.20	0.25	10.89	10.92	19.30	15.77	15.80	27.93	65.87	65.90	116.50
2030-03-05	1.53	1.48	1.82	0.73	0.69	0.85	0.15	0.10	0.12	0.85	0.84	1.03	0.68	0.66	0.82	0.20	0.19	0.23	10.86	10.82	19.04	15.74	15.70	27.67	65.84	65.80	116.25
2030-03-06	1.47	1.43	1.73	0.70	0.66	0.80	0.14	0.10	0.12	0.82	0.80	0.98	0.65	0.64	0.77	0.19	0.18	0.22	10.83	10.79	18.91	15.71	15.68	27.54	65.81	65.77	116.11
2030-03-07	1.41	1.38	1.64	0.68	0.64	0.76	0.14	0.10	0.11	0.79	0.78	0.93	0.63	0.61	0.74	0.19	0.17	0.21	10.81	10.77	18.79	15.69	15.65	27.42	65.79	65.75	115.99
2030-03-08	1.51	1.46	2.08	0.72	0.68	0.95	0.14	0.10	0.11	0.84	0.83	1.20	0.67	0.66	0.95	0.20	0.19	0.27	10.78	10.75	18.68	15.66	15.63	27.31	65.76	65.73	115.89
2030-03-09	2.81	2.64	5.33	1.35	1.18	2.35	0.27	0.10	0.15	1.57	1.54	3.14	1.25	1.22	2.49	0.37	0.34	0.70	10.76	10.73	18.59	15.64	15.61	27.22	65.74	65.71	115.80
2030-03-10	3.78	3.71	7.43	1.82	1.74	3.52	0.36	0.28	0.62	2.11	2.07	4.13	1.68	1.65	3.27	0.50	0.47	0.93	10.74	10.70	18.51	15.62	15.59	27.14	65.72	65.68	115.72
2030-03-11	2.75	2.72	5.97	1.32	1.30	2.82	0.26	0.24	0.49	1.53	1.51	3.32	1.22	1.20	2.64	0.36	0.34	0.75	10.72	10.69	18.45	15.60	15.57	27.08	65.70	65.67	115.66
2030-03-12	2.60	2.53	5.67	1.25	1.18	2.64	0.25	0.19	0.40	1.45	1.42	3.19	1.15	1.13	2.53	0.34	0.32	0.72	10.70	10.67	18.47	15.58	15.55	27.10	65.68	65.65	115.68
2030-03-13	2.53	2.45	5.63	1.21	1.14	2.60	0.24	0.16	0.36	1.41	1.39	3.20	1.12	1.10	2.54	0.33	0.31	0.72	10.77	10.73	18.97	15.65	15.61	27.60	65.75	65.71	116.18
2030-03-14	2.57	2.50	5.97	1.24	1.17	2.78	0.25	0.18	0.42	1.44	1.41	3.36	1.14	1.12	2.67	0.34	0.32	0.76	11.90	11.81	20.91	16.78	16.69	29.54	66.88	66.79	118.12
2030-03-15	2.48	2.42	5.70	1.19	1.13	2.65	0.24	0.18	0.39	1.38	1.36	3.22	1.10	1.08	2.56	0.33	0.31	0.73	16.56	16.46	29.20	23.40	23.30	41.29	88.79	88.69	156.90
2030-03-16	2.29	2.23	4.98	1.10	1.04	2.32	0.22	0.16	0.35	1.28	1.26	2.81	1.02	1.00	2.23	0.30	0.28	0.63	15.67	15.66	28.65	22.50	22.50	40.73	87.90	87.89	156.35
2030-03-17	2.14	2.08	4.26	1.03	0.97	1.98	0.20	0.15	0.30	1.19	1.17	2.40	0.95	0.93	1.91	0.28	0.26	0.54	15.45	15.40	28.27	22.29	22.23	40.36	87.68	87.63	155.97
2030-03-18	2.06	2.00	4.11	0.99	0.93	1.90	0.20	0.14	0.26	1.15	1.13	2.33	0.92	0.90	1.85	0.27	0.25	0.52	15.36	15.30	27.76	22.20	22.14	39.84	87.59	87.53	155.45
2030-03-19	1.99	1.95	4.14	0.96	0.91	1.92	0.19	0.15	0.28	1.11	1.09	2.34	0.88	0.87	1.86	0.26	0.25	0.53	15.28	15.22	27.34	22.12	22.06	39.42	87.51	87.45	155.03
2030-03-20	1.88	1.83	3.84	0.90	0.85	1.78	0.18	0.13	0.25	1.05	1.03	2.17	0.83	0.82	1.73	0.25	0.23	0.49	15.21	15.15	27.08	22.04	21.99	39.17	87.44	87.38	154.78
2030-03-21	1.78	1.73	3.49	0.85	0.81	1.63	0.17	0.12	0.25	0.99	0.97	1.97	0.79	0.77	1.56	0.23	0.22	0.44	15.14	15.09	26.87	21.98	21.93	38.95	87.37	87.32	154.57
2030-03-22	1.69	1.65	3.30	0.81	0.77	1.53	0.16	0.12	0.22	0.94	0.93	1.87	0.75	0.74	1.48	0.22	0.21	0.42	15.08	15.03	26.60	21.92	21.87	38.69	87.31	87.26	154.30
2030-03-23	1.61	1.57	3.35	0.77	0.73	1.54	0.15	0.11	0.21	0.90	0.88	1.91	0.72	0.70	1.51	0.21	0.20	0.43	15.03	14.98	26.37	21.86	21.81	38.45	87.25		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2030-04-21	1.57	1.55	7.00	0.75	0.73	3.24	0.15	0.12	0.46	0.88	0.86	3.97	0.70	0.68	3.15	0.21	0.19	0.89	37.33	37.25	86.25	51.02	50.94	117.96	219.44	219.36	508.19
2030-04-22	1.67	1.65	6.84	0.80	0.77	3.38	0.16	0.13	0.83	0.93	0.92	3.65	0.74	0.73	2.90	0.22	0.21	0.82	37.00	36.92	85.09	50.69	50.61	116.80	219.11	219.03	507.03
2030-04-23	1.97	1.93	5.97	0.95	0.90	2.54	0.19	0.14	0.00	1.10	1.08	3.62	0.88	0.86	2.87	0.26	0.24	0.81	36.84	36.76	84.12	50.53	50.45	115.84	218.95	218.87	506.07
2030-04-24	2.37	2.31	6.06	1.14	1.08	2.72	0.23	0.17	0.25	1.32	1.30	3.52	1.05	1.03	2.79	0.31	0.29	0.79	36.70	36.63	83.69	50.39	50.32	115.41	218.81	218.74	505.64
2030-04-25	2.21	2.17	5.51	1.06	1.03	2.55	0.21	0.18	0.36	1.23	1.21	3.12	0.98	0.96	2.47	0.29	0.27	0.70	36.75	36.68	83.53	50.44	50.36	115.24	218.86	218.79	505.47
2030-04-26	2.13	2.09	4.82	1.02	0.98	2.23	0.20	0.16	0.33	1.19	1.17	2.72	0.95	0.93	2.16	0.28	0.26	0.61	37.12	37.05	83.53	50.81	50.74	115.25	219.23	219.16	505.48
2030-04-27	2.00	1.95	4.20	0.96	0.91	1.95	0.19	0.14	0.29	1.12	1.10	2.37	0.89	0.87	1.88	0.26	0.25	0.53	37.91	37.82	83.56	51.60	51.51	115.28	220.02	219.93	505.51
2030-04-28	1.88	1.84	3.70	0.90	0.86	1.72	0.18	0.14	0.25	1.05	1.03	2.09	0.84	0.82	1.66	0.25	0.23	0.47	38.72	38.60	83.85	52.41	52.29	115.57	220.83	220.71	505.80
2030-04-29	1.78	1.74	3.30	0.86	0.81	1.53	0.17	0.12	0.23	1.00	0.98	1.86	0.79	0.78	1.48	0.23	0.22	0.42	38.71	38.62	83.91	52.40	52.30	115.63	220.82	220.73	505.86
2030-04-30	1.70	1.66	2.98	0.81	0.78	1.38	0.16	0.13	0.20	0.95	0.93	1.68	0.75	0.74	1.34	0.22	0.21	0.38	38.23	38.12	83.58	51.92	51.81	115.30	220.34	220.23	505.53
2030-05-01	1.89	1.83	3.22	0.91	0.85	1.48	0.18	0.12	0.19	1.05	1.04	1.84	0.84	0.82	1.46	0.25	0.23	0.41	37.89	37.78	26.72	51.58	51.47	35.70	220.00	219.89	146.24
2030-05-02	2.51	2.42	4.11	1.20	1.12	1.87	0.24	0.15	0.21	1.40	1.37	2.36	1.11	1.09	1.88	0.33	0.31	0.53	37.78	37.67	26.59	51.47	51.36	35.58	219.89	219.78	146.11
2030-05-03	2.17	2.13	4.05	1.04	1.00	1.87	0.21	0.17	0.26	1.21	1.19	2.30	0.96	0.94	1.82	0.29	0.27	0.52	38.03	37.93	26.50	51.72	51.62	35.48	220.14	220.04	146.02
2030-05-04	2.41	2.32	4.49	1.16	1.07	2.05	0.23	0.14	0.25	1.35	1.32	2.57	1.07	1.05	2.04	0.32	0.30	0.58	38.39	38.30	26.18	52.08	51.99	35.16	220.50	220.41	145.69
2030-05-05	3.11	2.99	4.82	1.49	1.37	2.23	0.30	0.18	0.32	1.74	1.71	2.73	1.38	1.35	2.17	0.41	0.38	0.61	38.78	38.67	25.89	52.47	52.36	34.87	220.89	220.78	145.40
2030-05-06	3.04	2.96	4.22	1.46	1.39	1.96	0.29	0.22	0.29	1.69	1.66	2.39	1.35	1.32	1.89	0.40	0.37	0.54	39.43	39.30	25.64	53.12	52.99	34.62	221.54	221.41	145.16
2030-05-07	3.18	3.09	3.70	1.52	1.44	1.72	0.30	0.22	0.25	1.77	1.74	2.09	1.41	1.38	1.66	0.42	0.39	0.47	39.99	39.86	25.43	53.68	53.55	34.41	222.10	221.97	144.94
2030-05-08	3.35	3.25	3.28	1.61	1.51	1.53	0.32	0.22	0.23	1.87	1.84	1.85	1.49	1.46	1.47	0.44	0.41	0.42	40.52	40.36	25.24	54.21	54.05	34.23	222.63	222.47	144.76
2030-05-09	4.04	3.90	3.13	1.94	1.79	1.45	0.39	0.24	0.20	2.26	2.22	1.78	1.80	1.76	1.41	0.53	0.50	0.40	40.99	40.85	25.09	54.68	54.54	34.07	223.10	222.96	144.60
2030-05-10	6.57	6.27	3.71	3.16	2.85	1.69	0.63	0.33	0.20	3.67	3.60	2.13	2.92	2.86	1.69	0.87	0.81	0.48	40.99	40.56	24.95	54.67	54.25	33.93	223.10	222.67	144.47
2030-05-11	9.31	8.97	5.82	4.47	4.13	2.61	0.89	0.56	0.24	5.19	5.10	3.38	4.13	4.05	2.68	1.23	1.15	0.76	41.00	40.75	24.82	54.69	54.44	33.81	223.11	222.86	144.34
2030-05-12	8.30	8.13	5.94	3.99	3.82	2.73	0.80	0.63	0.36	4.63	4.55	3.38	3.69	3.61	2.68	1.09	1.02	0.76	41.13	40.63	24.72	54.82	54.32	33.70	223.24	222.74	144.23
2030-05-13	7.45	7.20	4.81	3.58	3.32	2.24	0.71	0.46	0.35	4.16	4.09	2.70	3.31	3.24	2.15	0.98	0.92	0.61	42.96	42.33	25.19	56.64	56.02	34.17	225.06	224.44	144.71
2030-05-14	7.96	7.69	4.12	3.82	3.55	1.92	0.76	0.50	0.28	4.44	4.37	2.33	3.54	3.46	1.85	1.05	0.98	0.52	44.67	44.11	26.57	58.36	57.79	35.55	226.78	226.21	146.09
2030-05-15	8.13	8.02	3.61	3.90	3.80	1.68	0.78	0.67	0.25	4.53	4.46	2.04	3.61	3.54	1.62	1.07	1.00	0.46	117.40	117.20	74.78	150.38	150.18	96.43	731.34	731.14	477.71
2030-05-16	8.40	8.12	3.22	4.03	3.75	1.49	0.81	0.52	0.22	4.69	4.61	1.82	3.73	3.66	1.44	1.11	1.04	0.41	116.17	115.98	74.56	149.16	148.96	96.21	730.11	729.92	477.49
2030-05-17	8.43	8.13	2.90	4.05	3.75	1.35	0.81	0.52	0.22	4.70	4.64	1.64	3.74	3.69	1.30	1.11	1.06	0.37	115.50	115.31	74.39	148.48	148.30	96.04	729.44	729.25	477.32
2030-05-18	7.29	6.59	2.64	3.50	2.80	1.23	0.70	0.00	0.18	4.07	3.99	1.49	3.24	3.17	1.18	0.96	0.89	0.33	115.66	115.44	74.49	148.65	148.43	96.14	729.61	729.39	477.42
2030-05-19	6.28	5.68	2.42	3.01	2.41	1.13	0.60	0.00	0.17	3.50	3.44	1.37	2.79	2.73	1.08	0.83	0.77	0.31	115.61	115.41	74.58	148.60	148.39	96.23	729.56	729.35	477.51
2030-05-20	5.75	5.33	2.24	2.76	2.34	1.04	0.55	0.13	0.16	3.21	3.15	1.27	2.55	2.50	1.00	0.76	0.71	0.28	114.98	114.81	74.42	147.97	147.80	96.07	728.92	728.76	477.35
2030-05-21	5.11	4.95	2.09	2.45	2.29	0.97	0.49	0.33	0.15	2.85	2.80	1.18	2.27	2.22	0.94	0.67	0.63	0.26	114.40	114.25	74.27	147.38	147.23	95.91	728.34	728.19	477.20
2030-05-22	4.69	4.53	1.96	2.25	2.10	0.91	0.45	0.29	0.14	2.62	2.57	1.10	2.08	2.04	0.88	0.62	0.58	0.25	119.15	118.64	78.48	152.13	151.63	100.13	733.09	732.59	481.42
2030-05-23	5.39	5.95	2.15	2.59	3.14	0.99	0.52	1.07	0.13	3.01	2.96	1.23	2.39	2.35	0.97	0.71	0.67	0.28	126.79	126.12	86.90	159.77	159.11	108.55	740.73	740.07	489.83
2030-05-24	6.33	5.72	2.57	3.04	2.43	1.18	0.61	0.00	0.15	3.53	3.46	1.47	2.81	2.75	1.16	0.83	0.78	0.33	120.28	120.12	81.02	153.26	153.11	102.67	734.22	734.06	483.96
2030-05-25	5.51	4.98	2.31	2.64	2.12	1.08	0.53	0.00	0.17	3.07	3.02	1.30	2.45	2.39	1.03	0.73	0.68	0.29	118.21	117.97	79.35	151.19	150.96	100.99	732.15	731.91	482.28
2030-05-26	4.97	4.67	2.14	2.38	2.08	0.99	0.48	0.18	0.15	2.77	2.72	1.21	2.21	2.16	0.96	0.65	0.61	0.27	116.75	116.55	78.23	149.74	149.53	99.88	730.70	730.49	481.16
2030-05-27	4.97	4.78	2.00	2.39	2.20	0.93	0.48	0.29	0.14	2.77	2.73	1.13	2.21	2.16	0.89	0.65	0.61	0.25	115.68	115.50	77.39	148.67	148.49	99.03	729.63	729.45	480.32
2030-05-28	5.25	5.04	1.88	2.52	2.31	0.87	0.50	0.29	0.13	2.93	2.88	1.06	2.33	2.28	0.84	0.69	0.65	0.24	114.87	114.71	76.73	147.85	147.69	98.38	728.81	728.65	479.66
2030-05-29	5.50	4.97	1.78	2.64	2.11	0.83	0.53	0.00	0.12	3.07	3.01	1.00	2.44	2.39	0.79	0.72	0.67	0.22	114.23	114.09	76.21	147.22	147.07	97.85	728.17	728.03	479.14
2030-05-30	5.46	4.94	1.69	2.62	2.10	0.78	0.52	0.00	0.12	3.05	2.99	0.95	2.43	2.37	0.75	0.72	0.67	0.21	113.87	113.73	75.78	146.86	146.72	97.43	727.82	727.68	478.71
2030-05-31	5.09	4.61	1.61	2.44	1.96	0.75	0.49	0.00	0.11	2.84	2.79	0.91	2.26	2.21	0.72	0.67	0.62	0.20	114.28	114.11	76.02	147.27	147.09	97.67	728.23	728.05	478.95
2030-06-01	5.83	5.27	1.72	2.80	2.24	0.79	0.56	0.00	0.11	3.25	3.19	0.98	2.59	2.53	0.78	0.77	0.71	0.22	114.46	114.29	87.51	147.44	147.27	112.57	728.40	728.23	553.98
2030-06-02	7.27	6.91	1.90	3.49	3.14	0.88	0.70	0.34																			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2030-07-01	3.88	3.74	2.53	1.86	1.73	1.17	0.37	0.24	0.16	2.16	2.12	1.44	1.72	1.69	1.14	0.51	0.48	0.32	142.81	142.67	134.91	176.21	176.08	166.55	953.22	953.09	902.37
2030-07-02	4.75	4.53	3.24	2.28	2.06	1.47	0.46	0.24	0.17	2.65	2.61	1.86	2.11	2.07	1.48	0.63	0.59	0.42	142.36	142.23	134.55	175.76	175.64	166.19	952.77	952.65	902.02
2030-07-03	5.39	5.16	3.97	2.59	2.36	1.81	0.52	0.29	0.22	3.01	2.95	2.27	2.39	2.34	1.80	0.71	0.66	0.51	141.99	141.88	134.26	175.39	175.28	165.89	952.40	952.29	901.72
2030-07-04	4.42	4.30	3.27	2.12	2.01	1.53	0.42	0.31	0.24	2.46	2.42	1.83	1.96	1.92	1.45	0.58	0.54	0.41	141.68	141.58	134.00	175.08	174.98	165.64	952.09	951.99	901.46
2030-07-05	3.85	3.74	2.92	1.85	1.74	1.36	0.37	0.26	0.20	2.15	2.11	1.65	1.71	1.68	1.31	0.51	0.47	0.37	141.54	141.43	133.86	174.94	174.84	165.49	951.95	951.85	901.32
2030-07-06	3.42	3.32	2.66	1.64	1.54	1.24	0.33	0.23	0.18	1.91	1.87	1.50	1.52	1.49	1.19	0.45	0.42	0.34	141.41	141.31	133.73	174.81	174.72	165.37	951.82	951.73	901.20
2030-07-07	3.07	2.98	2.44	1.47	1.38	1.13	0.29	0.20	0.17	1.71	1.68	1.38	1.36	1.33	1.09	0.40	0.38	0.31	141.18	141.10	133.55	174.59	174.50	165.19	951.60	951.51	901.02
2030-07-08	3.35	3.21	2.67	1.61	1.47	1.22	0.32	0.19	0.16	1.87	1.84	1.52	1.49	1.46	1.21	0.44	0.41	0.34	142.37	142.19	134.63	175.77	175.60	166.26	952.78	952.60	902.09
2030-07-09	3.59	3.45	2.97	1.72	1.59	1.36	0.34	0.21	0.18	2.00	1.97	1.69	1.59	1.56	1.34	0.47	0.44	0.38	144.99	144.69	137.05	178.39	178.10	168.69	955.40	955.11	904.52
2030-07-10	3.19	3.10	2.65	1.53	1.44	1.23	0.31	0.21	0.18	1.78	1.75	1.50	1.42	1.39	1.19	0.42	0.39	0.34	142.89	142.81	135.20	176.30	176.21	166.83	953.30	953.22	902.66
2030-07-11	2.89	2.80	2.43	1.39	1.30	1.13	0.28	0.19	0.17	1.61	1.58	1.37	1.28	1.26	1.09	0.38	0.36	0.31	142.43	142.30	134.75	175.83	175.71	166.38	952.84	952.72	902.21
2030-07-12	2.64	2.56	2.25	1.27	1.19	1.05	0.25	0.18	0.16	1.47	1.45	1.27	1.17	1.15	1.01	0.35	0.32	0.29	142.04	141.93	134.42	175.45	175.34	166.05	952.46	952.35	901.88
2030-07-13	2.43	2.36	2.10	1.17	1.10	0.97	0.23	0.16	0.15	1.35	1.33	1.18	1.08	1.06	0.94	0.32	0.30	0.27	141.73	141.62	134.14	175.13	175.03	165.78	952.14	952.04	901.60
2030-07-14	2.25	2.19	1.97	1.08	1.02	0.91	0.22	0.15	0.14	1.26	1.23	1.11	1.00	0.98	0.88	0.30	0.28	0.25	141.46	141.36	133.91	174.86	174.77	165.54	951.87	951.78	901.37
2030-07-15	2.10	2.05	1.85	1.01	0.95	0.86	0.20	0.14	0.13	1.17	1.15	1.04	0.93	0.91	0.83	0.28	0.26	0.23	56.18	56.09	53.16	74.87	74.78	70.86	450.96	450.88	427.02
2030-07-16	1.97	1.92	1.75	0.95	0.89	0.81	0.19	0.13	0.12	1.10	1.08	0.99	0.88	0.86	0.78	0.26	0.24	0.22	55.98	55.90	52.98	74.67	74.59	70.69	450.77	450.68	426.85
2030-07-17	1.86	1.81	1.66	0.89	0.84	0.77	0.18	0.13	0.12	1.04	1.02	0.94	0.83	0.81	0.74	0.25	0.23	0.21	55.81	55.73	52.83	74.50	74.42	70.53	450.59	450.52	426.70
2030-07-18	1.76	1.72	1.59	0.85	0.80	0.74	0.17	0.12	0.11	0.98	0.97	0.89	0.78	0.77	0.71	0.23	0.22	0.20	55.66	55.59	52.70	74.35	74.28	70.40	450.45	450.37	426.56
2030-07-19	2.14	2.06	1.90	1.03	0.94	0.87	0.21	0.12	0.11	1.20	1.18	1.09	0.95	0.93	0.86	0.28	0.26	0.24	55.57	55.49	52.60	74.26	74.19	70.30	450.35	450.28	426.46
2030-07-20	4.97	4.65	4.39	2.39	2.06	1.95	0.48	0.15	0.14	2.78	2.73	2.58	2.21	2.16	2.04	0.66	0.61	0.58	55.48	55.41	52.51	74.17	74.11	70.21	450.27	450.20	426.37
2030-07-21	5.64	5.41	5.13	2.71	2.48	2.35	0.54	0.31	0.30	3.15	3.09	2.93	2.51	2.45	2.32	0.74	0.69	0.66	55.37	55.30	52.41	74.06	74.00	70.11	450.15	450.09	426.27
2030-07-22	4.50	4.39	4.10	2.16	2.05	1.92	0.43	0.32	0.30	2.51	2.47	2.30	2.00	1.96	1.82	0.59	0.56	0.52	55.27	55.21	52.32	73.96	73.90	70.02	450.06	450.00	426.19
2030-07-23	4.39	4.25	3.96	2.11	1.96	1.83	0.42	0.28	0.26	2.45	2.41	2.25	1.95	1.91	1.78	0.58	0.54	0.50	55.18	55.12	52.24	73.87	73.81	69.94	449.97	449.91	426.10
2030-07-24	3.83	3.72	3.50	1.84	1.73	1.63	0.37	0.26	0.24	2.14	2.10	1.98	1.70	1.67	1.57	0.51	0.47	0.44	55.10	55.04	52.17	73.79	73.74	69.87	449.89	449.83	426.03
2030-07-25	3.55	3.43	3.22	1.70	1.59	1.49	0.34	0.23	0.21	1.98	1.94	1.82	1.57	1.54	1.45	0.47	0.44	0.41	55.03	54.97	52.11	73.72	73.67	69.81	449.81	449.76	425.97
2030-07-26	3.30	3.20	2.99	1.58	1.48	1.39	0.32	0.22	0.20	1.84	1.81	1.69	1.46	1.43	1.34	0.43	0.41	0.38	54.96	54.91	52.05	73.65	73.60	69.75	449.75	449.70	425.91
2030-07-27	2.97	2.89	2.72	1.43	1.34	1.26	0.28	0.20	0.19	1.66	1.63	1.53	1.32	1.29	1.22	0.39	0.37	0.34	54.90	54.85	52.00	73.59	73.54	69.70	449.69	449.64	425.86
2030-07-28	2.71	2.63	2.49	1.30	1.22	1.16	0.26	0.18	0.17	1.51	1.48	1.40	1.20	1.18	1.11	0.36	0.33	0.32	54.85	54.80	51.95	73.54	73.49	69.65	449.63	449.59	425.81
2030-07-29	2.49	2.42	2.30	1.19	1.12	1.07	0.24	0.17	0.16	1.39	1.36	1.30	1.10	1.08	1.03	0.33	0.31	0.29	54.88	54.83	51.96	73.57	73.52	69.66	449.66	449.61	425.82
2030-07-30	2.30	2.24	2.14	1.10	1.04	0.99	0.22	0.16	0.15	1.28	1.26	1.21	1.02	1.00	0.96	0.30	0.28	0.27	54.90	54.86	51.98	73.59	73.55	69.68	449.69	449.64	425.84
2030-07-31	2.14	2.08	2.00	1.03	0.97	0.93	0.21	0.15	0.14	1.20	1.18	1.13	0.95	0.93	0.89	0.28	0.26	0.25	54.85	54.80	51.93	73.54	73.49	69.63	449.63	449.59	425.79
2030-08-01	2.01	1.96	1.88	0.96	0.91	0.88	0.19	0.14	0.13	1.12	1.10	1.06	0.89	0.87	0.84	0.26	0.25	0.24	56.45	56.29	49.95	75.14	74.98	66.53	451.24	451.08	400.05
2030-08-02	1.89	1.84	1.78	0.91	0.86	0.83	0.18	0.13	0.13	1.06	1.04	1.00	0.84	0.82	0.79	0.25	0.23	0.22	59.19	58.93	52.14	77.88	77.62	68.71	453.97	453.72	402.23
2030-08-03	1.79	1.74	1.69	0.86	0.81	0.79	0.17	0.12	0.12	1.00	0.98	0.95	0.80	0.78	0.75	0.24	0.22	0.21	56.52	56.50	50.08	75.21	75.19	66.66	451.30	451.29	400.18
2030-08-04	1.70	1.66	1.61	0.82	0.77	0.75	0.16	0.12	0.11	0.95	0.93	0.91	0.76	0.74	0.72	0.22	0.21	0.20	56.27	56.18	49.83	74.96	74.87	66.41	451.06	450.97	399.93
2030-08-05	1.90	1.83	1.73	0.91	0.84	0.80	0.18	0.11	0.11	1.06	1.04	0.98	0.84	0.82	0.78	0.25	0.23	0.22	56.85	56.71	50.22	75.54	75.40	66.80	451.64	451.50	400.32
2030-08-06	3.79	3.56	3.07	1.82	1.59	1.38	0.36	0.13	0.13	2.11	2.08	1.78	1.68	1.65	1.41	0.50	0.47	0.40	58.56	58.33	51.39	77.25	77.02	67.97	453.34	453.12	401.49
2030-08-07	4.86	4.64	3.90	2.33	2.11	1.78	0.47	0.24	0.21	2.71	2.66	2.23	2.16	2.11	1.77	0.64	0.60	0.50	57.64	57.53	50.77	76.33	76.22	67.35	452.42	452.32	400.87
2030-08-08	3.52	3.47	2.95	1.69	1.64	1.39	0.34	0.28	0.24	1.96	1.93	1.64	1.56	1.53	1.30	0.46	0.43	0.37	57.21	57.10	50.47	75.90	75.79	67.05	452.00	451.88	400.57
2030-08-09	3.45	3.33	2.83	1.66	1.54	1.31	0.33	0.21	0.18	1.93	1.89	1.61	1.53	1.50	1.27	0.45	0.42	0.36	56.86	56.75	50.23	75.55	75.44	66.80	451.64	451.54	400.32
2030-08-10	3.82	3.66	3.04	1.83	1.68	1.40	0.37	0.21	0.18	2.13	2.09	1.73	1.69	1.66	1.38	0.50	0.47	0.39	56.56	56.46	50.02	75.25	75.15	66.59	451.35	451.25	400.11
2030-08-11	4.14	3.98	3.25	1.99	1.83	1.49	0.40	0.24	0.20	2.31	2.27	1.85	1.84	1.80	1.47	0.55	0.51	0.42	56.31	56.22	49.84	75.00	74.91	66.41	451.10	451.01	399.94
2030-08-12	3.94	3.81	3.13	1.89	1.76	1.45	0.38	0.25	0.2																		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2030-09-10	1.24	1.21	1.15	0.60	0.57	0.54	0.12	0.09	0.09	0.69	0.68	0.65	0.55	0.54	0.51	0.16	0.15	0.15	32.01	31.88	31.12	42.88	42.76	41.77	227.74	227.61	222.93
2030-09-11	1.21	1.18	1.13	0.58	0.55	0.53	0.12	0.09	0.09	0.67	0.66	0.63	0.54	0.53	0.50	0.16	0.15	0.14	31.60	31.48	30.76	42.47	42.36	41.41	227.32	227.21	222.57
2030-09-12	1.18	1.15	1.10	0.57	0.54	0.52	0.11	0.09	0.08	0.66	0.65	0.62	0.52	0.51	0.49	0.16	0.15	0.14	31.26	31.15	30.45	42.13	42.03	41.11	226.98	226.88	222.26
2030-09-13	1.15	1.13	1.08	0.55	0.53	0.51	0.11	0.09	0.08	0.64	0.63	0.60	0.51	0.50	0.48	0.15	0.14	0.14	30.97	30.87	30.20	41.84	41.75	40.85	226.69	226.60	222.01
2030-09-14	1.13	1.10	1.06	0.54	0.52	0.50	0.11	0.08	0.08	0.63	0.62	0.59	0.50	0.49	0.47	0.15	0.14	0.13	30.73	30.64	29.98	41.60	41.51	40.64	226.45	226.36	221.79
2030-09-15	1.10	1.08	1.04	0.53	0.51	0.49	0.11	0.08	0.08	0.61	0.60	0.58	0.49	0.48	0.46	0.15	0.14	0.13	30.49	30.41	19.96	29.30	29.22	28.60	226.15	226.06	221.48
2030-09-16	1.08	1.06	1.02	0.52	0.50	0.48	0.10	0.08	0.08	0.60	0.59	0.57	0.48	0.47	0.45	0.14	0.13	0.13	20.31	20.23	19.80	29.12	29.04	28.44	159.12	159.04	155.84
2030-09-17	1.06	1.04	1.00	0.51	0.49	0.47	0.10	0.08	0.08	0.59	0.58	0.56	0.47	0.46	0.45	0.14	0.13	0.13	20.72	20.61	20.17	29.53	29.42	28.81	159.53	159.42	156.21
2030-09-18	1.04	1.02	0.99	0.50	0.48	0.47	0.10	0.08	0.08	0.58	0.57	0.55	0.46	0.45	0.44	0.14	0.13	0.12	22.98	22.73	22.30	31.79	31.54	30.94	161.79	161.54	158.34
2030-09-19	1.02	1.00	0.97	0.49	0.47	0.46	0.10	0.08	0.08	0.57	0.56	0.54	0.45	0.45	0.43	0.13	0.13	0.12	22.82	22.67	22.24	31.64	31.48	30.87	161.64	161.48	158.27
2030-09-20	1.01	0.99	0.96	0.48	0.46	0.45	0.10	0.08	0.08	0.56	0.55	0.54	0.45	0.44	0.43	0.13	0.12	0.12	21.91	21.80	21.37	30.72	30.61	30.00	160.73	160.62	157.41
2030-09-21	0.99	0.90	0.95	0.48	0.38	0.45	0.10	0.00	0.08	0.55	0.54	0.53	0.44	0.43	0.42	0.13	0.12	0.12	21.51	21.40	20.98	30.32	30.21	29.62	160.33	160.21	157.02
2030-09-22	0.98	0.88	0.94	0.47	0.38	0.44	0.09	0.00	0.08	0.55	0.54	0.52	0.43	0.42	0.41	0.13	0.12	0.12	21.58	21.45	21.04	30.39	30.26	29.67	160.39	160.26	157.07
2030-09-23	0.97	0.93	0.93	0.46	0.42	0.44	0.09	0.05	0.07	0.54	0.53	0.52	0.43	0.42	0.41	0.13	0.12	0.12	22.06	21.90	21.48	30.87	30.71	30.12	160.87	160.72	157.52
2030-09-24	0.95	0.94	0.91	0.46	0.44	0.43	0.09	0.07	0.07	0.53	0.52	0.51	0.42	0.41	0.40	0.13	0.12	0.11	23.30	23.07	22.65	32.11	31.88	31.29	162.11	161.88	158.69
2030-09-25	0.94	0.92	0.90	0.45	0.44	0.43	0.09	0.07	0.07	0.53	0.52	0.50	0.42	0.41	0.40	0.12	0.12	0.11	24.09	23.86	23.45	32.90	32.67	32.08	162.91	162.67	159.48
2030-09-26	0.93	0.91	0.90	0.45	0.43	0.42	0.09	0.07	0.07	0.52	0.51	0.50	0.41	0.40	0.40	0.12	0.11	0.11	23.18	23.03	22.62	31.99	31.84	31.25	162.00	161.84	158.65
2030-09-27	0.92	0.90	0.89	0.44	0.43	0.42	0.09	0.07	0.07	0.51	0.50	0.49	0.41	0.40	0.39	0.12	0.11	0.11	22.54	22.40	22.00	31.35	31.21	30.63	161.35	161.21	158.03
2030-09-28	0.93	0.91	0.90	0.45	0.43	0.42	0.09	0.07	0.07	0.52	0.51	0.50	0.41	0.40	0.40	0.12	0.11	0.11	25.86	25.46	25.09	34.67	34.27	33.72	164.67	164.27	161.13
2030-09-29	1.35	1.30	1.29	0.65	0.59	0.59	0.13	0.08	0.07	0.75	0.74	0.73	0.60	0.59	0.58	0.18	0.17	0.16	34.42	33.22	33.32	43.24	42.04	41.95	173.24	172.04	169.35
2030-09-30	1.69	1.63	1.62	0.81	0.75	0.75	0.16	0.10	0.10	0.94	0.92	0.92	0.75	0.73	0.73	0.22	0.21	0.21	31.31	30.33	30.89	40.12	39.14	39.52	170.12	169.14	166.92
2030-10-01	1.14	1.14	1.12	0.55	0.55	0.54	0.11	0.11	0.11	0.63	0.62	0.61	0.51	0.50	0.48	0.15	0.14	0.14	29.14	28.80	29.40	37.95	37.62	38.35	167.95	167.62	170.38
2030-10-02	1.56	1.50	1.55	0.75	0.69	0.71	0.15	0.09	0.08	0.87	0.86	0.89	0.69	0.68	0.71	0.21	0.19	0.20	27.10	26.84	27.33	35.91	35.65	36.28	165.92	165.65	168.31
2030-10-03	2.43	2.31	2.46	1.17	1.05	1.12	0.23	0.12	0.12	1.35	1.33	1.42	1.08	1.06	1.12	0.32	0.30	0.32	25.53	25.31	25.74	34.34	34.12	34.69	164.34	164.13	166.72
2030-10-04	1.57	1.58	1.45	0.76	0.76	0.62	0.15	0.15	0.00	0.88	0.86	0.88	0.70	0.68	0.70	0.21	0.19	0.20	24.34	24.15	24.53	33.15	32.96	33.48	163.15	162.96	165.51
2030-10-05	1.51	1.47	1.39	0.72	0.69	0.59	0.14	0.11	0.00	0.84	0.83	0.84	0.67	0.66	0.67	0.20	0.19	0.19	23.44	23.28	23.63	32.25	32.09	32.58	162.25	162.09	164.61
2030-10-06	1.45	1.31	1.34	0.70	0.56	0.57	0.14	0.00	0.00	0.81	0.79	0.81	0.64	0.63	0.64	0.19	0.18	0.18	22.74	22.36	22.70	31.55	31.17	31.65	161.55	161.18	163.68
2030-10-07	1.40	1.30	1.31	0.67	0.57	0.57	0.13	0.03	0.02	0.78	0.77	0.78	0.62	0.61	0.62	0.18	0.17	0.17	22.50	22.14	22.50	31.32	30.95	31.45	161.32	160.96	163.48
2030-10-08	1.42	1.39	1.41	0.68	0.65	0.65	0.14	0.10	0.09	0.79	0.78	0.80	0.63	0.62	0.63	0.19	0.18	0.18	22.28	21.93	22.30	31.09	30.74	31.25	161.09	160.75	163.28
2030-10-09	4.30	3.99	4.31	2.06	1.75	1.89	0.41	0.10	0.11	2.40	2.35	2.55	1.91	1.87	2.02	0.57	0.53	0.57	21.81	21.50	21.85	30.62	30.31	30.80	160.63	160.31	162.83
2030-10-10	9.38	8.95	10.05	4.50	4.07	4.58	0.90	0.47	0.54	5.23	5.14	5.76	4.16	4.08	4.57	1.24	1.15	1.29	21.78	21.47	21.81	30.59	30.28	30.76	160.60	160.28	162.79
2030-10-11	5.91	5.87	6.75	2.84	2.80	3.21	0.57	0.53	0.60	3.30	3.24	3.73	2.63	2.57	2.96	0.78	0.73	0.84	21.73	21.42	21.75	30.54	30.23	30.70	160.54	160.23	162.73
2030-10-12	4.97	4.83	5.41	2.38	2.24	2.52	0.48	0.34	0.38	2.77	2.72	3.05	2.21	2.16	2.42	0.65	0.61	0.69	21.36	21.08	21.41	30.17	29.89	30.36	160.17	159.89	162.39
2030-10-13	4.27	4.15	4.58	2.05	1.93	2.13	0.41	0.29	0.32	2.38	2.34	2.58	1.90	1.86	2.05	0.56	0.53	0.58	21.05	20.79	21.26	29.86	29.60	30.21	159.87	159.61	162.24
2030-10-14	4.30	4.14	4.59	2.06	1.90	2.11	0.41	0.25	0.27	2.40	2.36	2.62	1.91	1.87	2.08	0.57	0.53	0.59	20.79	20.66	21.00	29.60	29.47	29.95	159.61	159.48	161.98
2030-10-15	4.41	4.25	4.79	2.12	1.95	2.20	0.42	0.26	0.29	2.46	2.42	2.73	1.96	1.92	2.16	0.58	0.54	0.61	20.15	20.06	20.35	28.07	27.98	28.40	137.13	137.04	139.16
2030-10-16	4.15	4.01	4.49	1.99	1.85	2.07	0.40	0.26	0.29	2.32	2.28	2.54	1.84	1.81	2.02	0.55	0.51	0.57	19.99	19.90	20.20	27.91	27.82	28.24	136.97	136.88	139.00
2030-10-17	3.99	3.86	4.23	1.92	1.78	1.96	0.38	0.25	0.28	2.23	2.19	2.40	1.77	1.74	1.90	0.53	0.49	0.54	19.81	20.01	20.03	27.73	27.93	28.07	136.79	136.99	138.83
2030-10-18	3.68	3.56	3.60	1.76	1.65	1.53	0.35	0.24	0.00	2.05	2.02	2.18	1.63	1.60	1.73	0.48	0.45	0.49	19.66	19.46	19.82	27.58	27.38	27.86	136.64	136.44	138.63
2030-10-19	3.28	3.18	3.18	1.57	1.48	1.35	0.31	0.22	0.00	1.83	1.80	1.93	1.45	1.42	1.53	0.43	0.40	0.43	19.52	19.34	19.69	27.44	27.26	27.74	136.50	136.32	138.50
2030-10-20	2.99	2.90	2.88	1.44	1.35	1.22	0.29	0.20	0.00	1.67	1.64	1.74	1.33	1.30	1.38	0.39	0.37	0.39	19.40	19.29	19.62	27.32	27.21	27.66	136.38	136.27	138.43
2030-10-21	2.75	2.67	2.63	1.32	1.24	1.12	0.26	0.18	0.00	1.53	1.51	1.60	1.22	1.20	1.27	0.36	0.34	0.36	19.30	19.23	19.47	27.22	27.15	27.51	136.28	136.21	138.28
2030-10-22	2.52	2.44	2.40	1.21	1.13	1.02	0.24	0.16	0.00	1.41	1.38	1.46	1.12	1.10	1												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2030-11-20	2.68	2.60	2.82	1.29	1.20	1.31	0.26	0.17	0.19	1.50	1.47	1.60	1.19	1.17	1.27	0.35	0.33	0.36	18.57	18.54	18.71	27.24	27.20	27.45	123.08	123.04	124.18
2030-11-21	2.47	2.39	2.57	1.18	1.10	1.19	0.24	0.16	0.17	1.38	1.35	1.46	1.10	1.07	1.16	0.33	0.30	0.33	18.56	18.51	18.69	27.22	27.18	27.43	123.07	123.02	124.15
2030-11-22	2.88	2.76	3.01	1.38	1.26	1.37	0.28	0.15	0.16	1.61	1.58	1.72	1.28	1.25	1.37	0.38	0.35	0.39	18.55	18.50	18.67	27.21	27.16	27.41	123.05	123.01	124.14
2030-11-23	5.09	4.80	5.34	2.45	2.15	2.39	0.49	0.19	0.21	2.84	2.79	3.11	2.26	2.21	2.47	0.67	0.63	0.70	18.53	18.49	18.66	27.20	27.16	27.41	123.04	123.00	124.13
2030-11-24	5.53	5.31	5.95	2.65	2.43	2.73	0.53	0.31	0.34	3.08	3.03	3.40	2.46	2.40	2.70	0.73	0.68	0.76	18.52	18.48	18.65	27.19	27.15	27.40	123.03	122.99	124.12
2030-11-25	4.51	4.40	4.89	2.16	2.06	2.29	0.43	0.33	0.36	2.52	2.47	2.75	2.00	1.96	2.18	0.59	0.56	0.62	18.51	18.48	18.65	27.18	27.14	27.39	123.02	122.98	124.11
2030-11-26	3.93	3.81	4.18	1.88	1.77	1.94	0.38	0.26	0.29	2.19	2.15	2.36	1.74	1.71	1.87	0.52	0.48	0.53	18.50	18.47	18.63	27.16	27.13	27.38	123.01	122.97	124.10
2030-11-27	3.66	3.53	3.85	1.76	1.63	1.78	0.35	0.22	0.24	2.04	2.01	2.19	1.63	1.59	1.74	0.48	0.45	0.49	18.49	18.46	18.63	27.15	27.12	27.37	123.00	122.96	124.09
2030-11-28	4.51	4.29	4.73	2.17	1.95	2.14	0.43	0.21	0.23	2.52	2.47	2.73	2.00	1.96	2.16	0.59	0.56	0.61	18.48	18.45	18.62	27.15	27.11	27.36	122.99	122.95	124.08
2030-11-29	6.39	6.09	6.83	3.07	2.76	3.10	0.61	0.31	0.35	3.57	3.50	3.92	2.84	2.78	3.11	0.84	0.79	0.88	18.47	18.44	18.60	27.14	27.10	27.35	122.98	122.94	124.07
2030-11-30	5.61	5.47	6.15	2.69	2.56	2.88	0.54	0.40	0.46	3.13	3.07	3.45	2.49	2.44	2.74	0.74	0.69	0.78	18.46	18.43	18.60	27.13	27.10	27.34	122.97	122.94	124.07
2030-12-01	4.85	4.71	5.23	2.33	2.18	2.43	0.47	0.32	0.36	2.71	2.66	2.95	2.15	2.11	2.34	0.64	0.60	0.66	18.46	18.43	18.48	27.12	27.09	27.17	122.96	122.94	123.25
2030-12-02	4.19	4.06	4.45	2.01	1.88	2.07	0.40	0.28	0.31	2.33	2.29	2.51	1.86	1.82	1.99	0.55	0.52	0.56	18.45	18.42	18.47	27.11	27.09	27.16	122.95	122.93	123.24
2030-12-03	3.68	3.57	3.86	1.76	1.65	1.79	0.35	0.24	0.26	2.05	2.01	2.18	1.63	1.60	1.73	0.48	0.45	0.49	18.44	18.41	18.46	27.10	27.07	27.15	122.95	122.92	123.23
2030-12-04	3.28	3.18	3.41	1.57	1.47	1.58	0.31	0.21	0.23	1.83	1.80	1.93	1.45	1.42	1.53	0.43	0.40	0.43	18.43	18.40	18.45	27.10	27.06	27.13	122.94	122.90	123.22
2030-12-05	2.95	2.86	3.05	1.42	1.32	1.41	0.28	0.19	0.20	1.65	1.62	1.73	1.31	1.28	1.37	0.39	0.36	0.39	18.43	18.39	18.44	27.09	27.05	27.12	122.93	122.89	123.20
2030-12-06	2.69	2.60	2.75	1.29	1.20	1.27	0.26	0.16	0.17	1.50	1.48	1.56	1.20	1.17	1.24	0.35	0.33	0.35	18.42	18.38	18.43	27.08	27.04	27.11	122.93	122.88	123.20
2030-12-07	2.47	2.38	2.51	1.19	1.09	1.15	0.24	0.14	0.15	1.38	1.36	1.43	1.10	1.08	1.13	0.33	0.30	0.32	18.41	18.37	18.42	27.08	27.03	27.10	122.92	122.88	123.19
2030-12-08	2.29	2.20	2.31	1.10	1.01	1.06	0.22	0.13	0.13	1.28	1.26	1.32	1.02	1.00	1.04	0.30	0.28	0.30	18.41	18.36	18.41	27.07	27.03	27.10	122.91	122.87	123.18
2030-12-09	2.14	2.05	2.15	1.03	0.94	0.99	0.20	0.12	0.13	1.19	1.17	1.22	0.95	0.93	0.97	0.28	0.26	0.27	18.40	18.36	18.41	27.07	27.02	27.10	122.91	122.87	123.18
2030-12-10	2.00	1.93	2.01	0.96	0.89	0.93	0.19	0.12	0.13	1.12	1.10	1.14	0.89	0.87	0.91	0.26	0.25	0.26	18.40	18.37	18.41	27.07	27.03	27.09	122.91	122.87	123.18
2030-12-11	1.90	1.84	1.92	0.91	0.85	0.89	0.18	0.12	0.13	1.06	1.04	1.08	0.84	0.83	0.86	0.25	0.23	0.24	18.40	18.37	18.41	27.07	27.03	27.10	122.91	122.88	123.18
2030-12-12	1.81	1.76	1.83	0.87	0.82	0.85	0.17	0.12	0.13	1.01	0.99	1.03	0.80	0.79	0.82	0.24	0.22	0.23	18.41	18.37	18.42	27.07	27.04	27.10	122.91	122.88	123.18
2030-12-13	1.72	1.67	1.74	0.83	0.78	0.81	0.17	0.12	0.12	0.96	0.94	0.98	0.76	0.75	0.78	0.23	0.21	0.22	18.41	18.38	18.42	27.07	27.04	27.11	122.91	122.89	123.19
2030-12-14	1.64	1.60	1.66	0.79	0.75	0.77	0.16	0.12	0.12	0.92	0.90	0.93	0.73	0.71	0.74	0.22	0.20	0.21	18.41	18.38	18.43	27.07	27.05	27.11	122.91	122.89	123.19
2030-12-15	1.57	1.53	1.58	0.75	0.71	0.74	0.15	0.11	0.11	0.88	0.86	0.89	0.70	0.68	0.70	0.21	0.19	0.20	13.16	13.13	13.16	19.27	19.24	19.30	81.12	81.09	81.30
2030-12-16	1.51	1.46	1.51	0.72	0.68	0.70	0.14	0.10	0.11	0.84	0.82	0.85	0.67	0.65	0.67	0.20	0.19	0.19	13.23	13.20	13.26	19.35	19.32	19.39	81.20	81.17	81.39
2030-12-17	1.45	1.41	1.45	0.70	0.65	0.67	0.14	0.10	0.10	0.81	0.79	0.82	0.64	0.63	0.65	0.19	0.18	0.18	13.11	13.09	13.14	19.23	19.21	19.28	81.07	81.06	81.28
2030-12-18	1.40	1.36	1.39	0.67	0.63	0.65	0.13	0.10	0.10	0.78	0.77	0.79	0.62	0.61	0.62	0.18	0.17	0.18	13.11	13.08	13.12	19.22	19.20	19.25	81.07	81.05	81.25
2030-12-19	1.35	1.31	1.35	0.65	0.61	0.63	0.13	0.09	0.10	0.75	0.74	0.76	0.60	0.59	0.60	0.18	0.17	0.17	13.09	13.07	13.09	19.21	19.18	19.23	81.06	81.03	81.23
2030-12-20	1.31	1.27	1.30	0.63	0.59	0.61	0.13	0.09	0.09	0.73	0.72	0.73	0.58	0.57	0.58	0.17	0.16	0.16	13.09	13.06	13.08	19.21	19.17	19.21	81.06	81.02	81.22
2030-12-21	1.27	1.24	1.26	0.61	0.58	0.59	0.12	0.09	0.09	0.71	0.70	0.71	0.56	0.55	0.56	0.17	0.16	0.16	13.09	13.06	13.09	19.21	19.18	19.22	81.06	81.02	81.22
2030-12-22	1.23	1.20	1.23	0.59	0.56	0.57	0.12	0.08	0.09	0.69	0.68	0.69	0.55	0.54	0.55	0.16	0.15	0.15	13.09	13.07	13.09	19.21	19.18	19.23	81.06	81.03	81.23
2030-12-23	1.20	1.17	1.19	0.58	0.54	0.55	0.12	0.08	0.08	0.67	0.66	0.67	0.53	0.52	0.53	0.16	0.15	0.15	13.09	13.07	13.09	19.21	19.18	19.23	81.06	81.03	81.23
2030-12-24	1.17	1.14	1.16	0.56	0.53	0.54	0.11	0.08	0.08	0.65	0.64	0.65	0.52	0.51	0.52	0.15	0.14	0.15	13.10	13.07	13.10	19.21	19.19	19.23	81.06	81.03	81.23
2030-12-25	1.15	1.11	1.13	0.55	0.52	0.52	0.11	0.08	0.08	0.64	0.63	0.64	0.51	0.50	0.51	0.15	0.14	0.14	13.10	13.07	13.10	19.21	19.19	19.23	81.06	81.04	81.23
2030-12-26	1.12	1.09	1.10	0.54	0.50	0.51	0.11	0.07	0.07	0.63	0.61	0.62	0.50	0.49	0.50	0.15	0.14	0.14	13.10	13.07	13.10	19.22	19.19	19.23	81.06	81.03	81.23
2030-12-27	1.10	1.06	1.08	0.53	0.49	0.50	0.11	0.07	0.07	0.61	0.60	0.61	0.49	0.48	0.48	0.14	0.13	0.14	13.15	13.12	13.16	19.27	19.24	19.29	81.12	81.09	81.29
2030-12-28	1.08	1.04	1.06	0.52	0.48	0.49	0.10	0.07	0.07	0.60	0.59	0.60	0.48	0.47	0.47	0.14	0.13	0.13	13.22	13.19	13.23	19.33	19.31	19.36	81.18	81.15	81.36
2030-12-29	1.06	1.03	1.04	0.51	0.48	0.49	0.10	0.07	0.07	0.59	0.58	0.59	0.47	0.46	0.47	0.14	0.13	0.13	13.11	13.08	13.11	19.22	19.20	19.24	81.07	81.05	81.25
2030-12-30	1.04	1.01	1.03	0.50	0.47	0.48	0.10	0.07	0.08	0.58	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	13.10	13.07	13.10	19.21	19.19	19.23	81.06	81.03	81.23
2030-12-31	1.02	1.00	1.01	0.49	0.47	0.47	0.10	0.07	0.07	0.57	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	13.10	13.07	13.10	19.21	19.19	19.23	81.06	81.04	81.23
2031-01-01	1.01	0.98	0.99	0.48	0.46	0.47	0.10	0.07	0.08	0.56	0.55	0.56	0.45	0.44	0.44	0.13	0.12	0.13	13.10	13.08							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2031-01-30	0.83	0.80	0.81	0.40	0.37	0.38	0.08	0.05	0.05	0.46	0.45	0.46	0.37	0.36	0.36	0.11	0.10	0.10	10.46	10.43	10.43	16.38	16.35	16.35	69.37	69.34	69.34
2031-01-31	0.82	0.80	0.81	0.39	0.37	0.38	0.08	0.05	0.06	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	10.46	10.44	10.43	16.38	16.35	16.35	69.37	69.34	69.35
2031-02-01	0.82	0.79	0.81	0.39	0.37	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.47	10.44	10.42	16.38	16.36	16.33	69.37	69.34	69.24
2031-02-02	0.81	0.79	0.80	0.39	0.37	0.37	0.08	0.05	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.47	10.44	10.45	16.38	16.36	16.36	69.37	69.35	69.27
2031-02-03	0.81	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.47	10.44	10.49	16.39	16.36	16.40	69.37	69.35	69.31
2031-02-04	0.81	0.79	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.10	10.47	10.44	10.43	16.39	16.36	16.34	69.37	69.35	69.24
2031-02-05	0.88	0.86	0.99	0.42	0.40	0.46	0.08	0.06	0.07	0.49	0.48	0.56	0.39	0.38	0.44	0.12	0.11	0.13	10.47	10.44	10.42	16.39	16.36	16.33	69.37	69.35	69.24
2031-02-06	1.04	1.01	1.24	0.50	0.47	0.57	0.10	0.07	0.08	0.58	0.57	0.71	0.46	0.45	0.56	0.14	0.13	0.16	10.47	10.45	10.42	16.39	16.36	16.33	69.37	69.35	69.24
2031-02-07	1.75	1.66	2.29	0.84	0.75	1.03	0.17	0.08	0.10	0.98	0.96	1.32	0.78	0.76	1.05	0.23	0.21	0.30	10.47	10.45	10.42	16.39	16.36	16.33	69.38	69.35	69.24
2031-02-08	2.26	2.16	3.21	1.08	0.98	1.45	0.22	0.11	0.15	1.26	1.24	1.86	1.00	0.98	1.47	0.30	0.28	0.42	10.47	10.45	10.43	16.39	16.36	16.33	69.38	69.35	69.24
2031-02-09	1.24	1.26	1.85	0.60	0.62	0.90	0.12	0.14	0.20	0.69	0.68	1.00	0.55	0.54	0.79	0.16	0.15	0.23	10.47	10.45	10.43	16.39	16.36	16.33	69.38	69.35	69.24
2031-02-10	1.21	1.18	1.68	0.58	0.55	0.78	0.12	0.09	0.12	0.67	0.66	0.95	0.54	0.53	0.75	0.16	0.15	0.21	10.47	10.45	10.42	16.39	16.36	16.33	69.38	69.35	69.24
2031-02-11	1.18	1.15	1.60	0.57	0.54	0.74	0.11	0.08	0.11	0.66	0.65	0.90	0.52	0.51	0.72	0.16	0.14	0.20	10.48	10.45	10.43	16.39	16.36	16.34	69.38	69.35	69.24
2031-02-12	1.15	1.12	1.53	0.55	0.53	0.71	0.11	0.08	0.11	0.64	0.63	0.86	0.51	0.50	0.68	0.15	0.14	0.19	10.48	10.45	10.43	16.39	16.36	16.34	69.38	69.35	69.24
2031-02-13	1.13	1.10	1.47	0.54	0.52	0.69	0.11	0.08	0.11	0.63	0.62	0.83	0.50	0.49	0.66	0.15	0.14	0.19	10.48	10.45	10.47	16.40	16.37	16.38	69.38	69.35	69.28
2031-02-14	1.10	1.08	1.42	0.53	0.51	0.66	0.11	0.08	0.10	0.61	0.60	0.80	0.49	0.48	0.63	0.15	0.14	0.18	10.48	10.45	10.52	16.40	16.37	16.43	69.38	69.36	69.34
2031-02-15	1.08	1.06	1.37	0.52	0.50	0.64	0.10	0.08	0.10	0.60	0.59	0.77	0.48	0.47	0.61	0.14	0.13	0.17	10.50	10.48	10.46	15.38	15.36	15.33	65.48	65.46	65.36
2031-02-16	1.06	1.04	1.32	0.51	0.49	0.62	0.10	0.08	0.10	0.59	0.58	0.74	0.47	0.46	0.59	0.14	0.13	0.17	10.50	10.48	10.45	15.39	15.36	15.32	65.48	65.46	65.35
2031-02-17	1.10	1.07	1.38	0.53	0.50	0.64	0.11	0.08	0.09	0.61	0.60	0.78	0.49	0.48	0.62	0.14	0.13	0.18	10.50	10.48	10.45	15.39	15.36	15.33	65.48	65.46	65.35
2031-02-18	1.19	1.17	1.49	0.57	0.55	0.70	0.11	0.10	0.12	0.66	0.65	0.83	0.53	0.52	0.66	0.16	0.15	0.19	10.51	10.48	10.45	15.39	15.36	15.33	65.49	65.46	65.35
2031-02-19	1.11	1.09	1.40	0.53	0.51	0.65	0.11	0.09	0.10	0.62	0.61	0.79	0.49	0.48	0.62	0.15	0.14	0.18	10.51	10.48	10.45	15.39	15.36	15.33	65.49	65.46	65.35
2031-02-20	1.08	1.06	1.35	0.52	0.50	0.63	0.10	0.08	0.10	0.60	0.59	0.76	0.48	0.47	0.60	0.14	0.13	0.17	10.51	10.48	10.45	15.39	15.36	15.33	65.49	65.46	65.35
2031-02-21	1.06	1.04	1.30	0.51	0.49	0.61	0.10	0.08	0.09	0.59	0.58	0.73	0.47	0.46	0.58	0.14	0.13	0.16	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2031-02-22	1.04	1.02	1.26	0.50	0.48	0.59	0.10	0.08	0.09	0.58	0.57	0.71	0.46	0.45	0.56	0.14	0.13	0.16	10.51	10.48	10.45	15.39	15.36	15.33	65.49	65.46	65.35
2031-02-23	1.03	1.00	1.23	0.49	0.47	0.57	0.10	0.08	0.09	0.57	0.56	0.69	0.46	0.45	0.55	0.14	0.13	0.15	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.36
2031-02-24	1.01	0.99	1.19	0.49	0.46	0.56	0.10	0.07	0.09	0.56	0.55	0.67	0.45	0.44	0.53	0.13	0.12	0.15	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.36
2031-02-25	1.00	0.97	1.16	0.48	0.45	0.54	0.10	0.07	0.08	0.56	0.55	0.65	0.44	0.43	0.52	0.13	0.12	0.15	10.51	10.48	10.46	15.39	15.36	15.33	65.49	65.46	65.35
2031-02-26	0.98	0.96	1.13	0.47	0.45	0.53	0.09	0.07	0.08	0.55	0.54	0.64	0.44	0.43	0.51	0.13	0.12	0.14	10.51	10.48	10.46	15.39	15.37	15.33	65.49	65.46	65.36
2031-02-27	0.97	0.94	1.11	0.46	0.44	0.52	0.09	0.07	0.08	0.54	0.53	0.62	0.43	0.42	0.49	0.13	0.12	0.14	10.51	10.48	10.46	15.39	15.37	15.33	65.49	65.46	65.36
2031-02-28	0.96	0.93	1.08	0.46	0.43	0.51	0.09	0.07	0.08	0.53	0.52	0.61	0.42	0.42	0.48	0.13	0.12	0.14	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.36
2031-03-01	0.94	0.92	1.06	0.45	0.43	0.50	0.09	0.07	0.08	0.53	0.52	0.60	0.42	0.41	0.47	0.12	0.12	0.13	10.77	10.73	18.80	15.65	15.61	27.61	65.75	65.71	118.03
2031-03-02	0.93	0.91	1.05	0.45	0.43	0.49	0.09	0.07	0.08	0.52	0.51	0.59	0.41	0.41	0.47	0.12	0.11	0.13	12.09	11.97	21.86	16.98	16.85	30.67	67.07	66.95	121.09
2031-03-03	0.92	0.90	1.03	0.44	0.42	0.48	0.09	0.07	0.08	0.51	0.51	0.58	0.41	0.40	0.46	0.12	0.11	0.13	12.81	12.70	22.52	17.70	17.58	31.33	67.79	67.68	121.75
2031-03-04	0.91	0.89	1.01	0.44	0.42	0.47	0.09	0.07	0.07	0.51	0.50	0.57	0.40	0.40	0.45	0.12	0.11	0.13	10.89	10.91	19.68	15.77	15.79	28.49	65.87	65.89	118.90
2031-03-05	0.90	0.88	0.99	0.43	0.41	0.46	0.09	0.06	0.07	0.50	0.49	0.56	0.40	0.39	0.44	0.12	0.11	0.12	10.86	10.82	19.42	15.74	15.70	28.23	65.84	65.80	118.65
2031-03-06	0.89	0.87	0.98	0.43	0.41	0.46	0.09	0.06	0.07	0.50	0.49	0.55	0.40	0.39	0.44	0.12	0.11	0.12	10.83	10.79	19.28	15.71	15.67	28.09	65.81	65.77	118.50
2031-03-07	0.89	0.86	0.96	0.42	0.40	0.45	0.08	0.06	0.07	0.49	0.49	0.54	0.39	0.38	0.43	0.12	0.11	0.12	10.81	10.77	19.15	15.69	15.65	27.96	65.79	65.75	118.38
2031-03-08	0.88	0.86	0.95	0.42	0.40	0.44	0.08	0.06	0.07	0.49	0.48	0.53	0.39	0.38	0.42	0.12	0.11	0.12	10.78	10.75	19.05	15.66	15.63	27.86	65.76	65.73	118.28
2031-03-09	0.87	0.85	0.99	0.42	0.40	0.46	0.08	0.07	0.07	0.49	0.48	0.56	0.39	0.38	0.44	0.11	0.11	0.13	10.76	10.73	18.96	15.64	15.61	27.77	65.74	65.71	118.19
2031-03-10	1.03	1.01	1.69	0.49	0.47	0.78	0.10	0.07	0.10	0.58	0.57	0.96	0.46	0.45	0.76	0.14	0.13	0.22	10.74	10.70	18.88	15.62	15.59	27.69	65.72	65.68	118.11
2031-03-11	1.46	1.43	2.33	0.70	0.67	1.08	0.14	0.11	0.17	0.81	0.80	1.31	0.65	0.63	1.04	0.19	0.18	0.30	10.72	10.68	18.81	15.60	15.57	27.62	65.70	65.66	118.04
2031-03-12	1.13	1.14	2.15	0.54	0.55	1.02	0.11	0.12	0.19	0.63	0.62	1.19	0.50	0.49	0.95	0.15	0.14	0.27	10.70	10.67	18.84	15.58	15.55	27.65	65.68	65.65	118.07
2031-03-13	1.02	1.01	1.96	0.49	0.47	0.92	0.10	0.08	0.16	0.57	0.56	1.09	0.45	0.45	0.87	0.13	0.13	0.25	10.77	10.73	19.37	15.65	15.61	28.18	65.75	65.71	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2031-04-11	3.02	2.95	16.08	1.45	1.38	7.70	0.29	0.22	1.50	1.68	1.65	8.84	1.34	1.31	7.01	0.40	0.37	1.99	16.61	16.51	38.82	23.45	23.35	54.65	88.84	88.74	206.04
2031-04-12	2.74	2.66	12.64	1.32	1.23	5.92	0.26	0.18	0.95	1.53	1.50	7.09	1.22	1.19	5.62	0.36	0.34	1.60	16.37	16.29	38.39	23.21	23.12	54.22	88.60	88.52	205.60
2031-04-13	2.57	2.48	10.60	1.23	1.15	4.50	0.25	0.16	0.00	1.43	1.41	6.42	1.14	1.12	5.09	0.34	0.32	1.44	16.17	16.09	38.97	23.01	22.93	54.79	88.40	88.32	206.18
2031-04-14	2.44	2.37	10.13	1.17	1.11	4.30	0.23	0.17	0.00	1.36	1.34	6.13	1.08	1.06	4.87	0.32	0.30	1.37	16.00	15.92	38.80	22.84	22.76	54.63	88.23	88.15	206.01
2031-04-15	2.49	2.41	11.13	1.19	1.12	5.29	0.24	0.16	0.98	1.39	1.36	6.15	1.10	1.08	4.88	0.33	0.31	1.38	36.77	36.70	86.21	50.46	50.39	117.90	218.88	218.81	507.81
2031-04-16	2.81	2.72	10.87	1.35	1.26	4.62	0.27	0.18	0.00	1.57	1.54	6.59	1.25	1.22	5.22	0.37	0.35	1.47	36.64	36.57	85.18	50.33	50.26	116.88	218.75	218.68	506.79
2031-04-17	3.29	3.18	11.45	1.58	1.46	4.86	0.32	0.20	0.00	1.84	1.81	6.93	1.46	1.43	5.50	0.43	0.41	1.55	36.52	36.45	84.20	50.21	50.14	115.90	218.63	218.56	505.81
2031-04-18	3.26	3.18	10.95	1.57	1.48	4.94	0.31	0.23	0.50	1.82	1.79	6.34	1.45	1.42	5.03	0.43	0.40	1.42	36.42	36.35	83.90	50.11	50.04	115.60	218.53	218.46	505.51
2031-04-19	2.98	2.89	9.64	1.43	1.34	4.45	0.29	0.20	0.61	1.66	1.63	5.47	1.32	1.30	4.34	0.39	0.37	1.23	36.54	36.46	84.10	50.23	50.15	115.79	218.65	218.57	505.70
2031-04-20	2.75	2.67	8.57	1.32	1.25	3.95	0.26	0.19	0.53	1.53	1.51	4.87	1.22	1.19	3.87	0.36	0.34	1.10	37.32	37.23	85.52	51.01	50.92	117.21	219.43	219.34	507.12
2031-04-21	2.54	2.46	9.21	1.22	1.14	4.19	0.24	0.17	0.48	1.42	1.39	5.29	1.13	1.11	4.20	0.33	0.31	1.19	37.33	37.25	86.13	51.02	50.94	117.83	219.44	219.36	507.74
2031-04-22	2.45	2.37	10.22	1.18	1.09	4.71	0.23	0.15	0.64	1.37	1.34	5.81	1.09	1.07	4.61	0.32	0.30	1.30	37.00	36.92	84.98	50.69	50.61	116.68	219.11	219.03	506.59
2031-04-23	4.71	4.42	17.39	2.26	1.97	7.71	0.45	0.17	0.57	2.63	2.58	10.21	2.09	2.05	8.09	0.62	0.58	2.29	36.84	36.76	84.03	50.53	50.45	115.73	218.95	218.87	505.64
2031-04-24	8.12	7.71	27.41	3.90	3.49	12.79	0.78	0.37	1.99	4.53	4.45	15.42	3.61	3.53	12.23	1.07	1.00	3.47	36.70	36.62	83.60	50.39	50.31	115.29	218.81	218.73	505.20
2031-04-25	5.52	5.43	18.48	2.65	2.56	8.99	0.53	0.44	1.99	3.08	3.03	10.01	2.45	2.40	7.94	0.73	0.68	2.26	36.75	36.67	83.43	50.44	50.36	115.12	218.86	218.78	505.03
2031-04-26	4.89	4.75	14.15	2.35	2.21	7.16	0.47	0.33	1.99	2.73	2.68	7.38	2.17	2.13	5.86	0.64	0.60	1.67	37.12	37.05	83.42	50.81	50.74	115.11	219.23	219.16	505.02
2031-04-27	4.22	4.10	9.51	2.03	1.91	4.12	0.40	0.29	0.14	2.36	2.32	5.68	1.88	1.84	4.51	0.56	0.52	1.28	37.91	37.82	83.43	51.60	51.51	115.13	220.02	219.93	505.04
2031-04-28	3.71	3.60	8.02	1.78	1.67	3.69	0.36	0.25	0.49	2.07	2.03	4.56	1.65	1.61	3.62	0.49	0.46	1.02	38.72	38.59	83.71	52.41	52.28	115.40	220.83	220.71	505.31
2031-04-29	3.68	3.54	6.97	1.77	1.63	3.22	0.35	0.22	0.45	2.05	2.02	3.96	1.63	1.60	3.14	0.48	0.45	0.89	38.71	38.61	83.77	52.40	52.30	115.46	220.82	220.72	505.37
2031-04-30	3.62	3.54	6.14	1.74	1.65	2.84	0.35	0.26	0.39	2.02	1.99	3.49	1.61	1.58	2.77	0.48	0.45	0.78	38.23	38.12	83.43	51.92	51.81	115.12	220.34	220.23	505.03
2031-05-01	3.28	3.19	6.03	1.58	1.48	2.76	0.31	0.22	0.35	1.83	1.80	3.45	1.46	1.43	2.73	0.43	0.40	0.77	37.89	37.78	83.43	51.58	51.47	115.13	220.02	219.93	505.04
2031-05-02	3.01	2.91	6.04	1.44	1.35	2.77	0.29	0.19	0.35	1.68	1.65	3.45	1.33	1.31	2.74	0.40	0.37	0.77	37.78	37.66	83.43	51.47	51.35	115.12	219.89	219.77	504.97
2031-05-03	2.73	2.65	7.14	1.31	1.23	3.23	0.26	0.18	0.35	1.53	1.50	4.12	1.21	1.19	3.27	0.36	0.34	0.92	38.03	37.92	83.43	51.72	51.61	115.11	219.23	219.16	505.02
2031-05-04	2.52	2.44	9.02	1.21	1.13	4.18	0.24	0.16	0.61	1.40	1.38	5.10	1.12	1.09	4.05	0.33	0.31	1.15	38.39	38.29	83.43	52.08	51.98	115.12	220.50	220.41	505.53
2031-05-05	2.44	2.36	7.28	1.17	1.09	3.38	0.23	0.16	0.50	1.36	1.34	4.11	1.08	1.06	3.26	0.32	0.30	0.92	38.78	38.66	83.43	52.47	52.35	115.12	220.89	220.77	505.53
2031-05-06	2.35	2.30	6.46	1.13	1.08	2.98	0.23	0.17	0.41	1.31	1.29	3.67	1.05	1.02	2.91	0.31	0.29	0.82	39.43	39.29	83.43	52.41	52.28	115.40	220.83	220.71	505.31
2031-05-07	2.19	2.12	9.88	1.05	0.99	4.41	0.21	0.14	0.37	1.22	1.20	5.76	0.97	0.95	4.57	0.29	0.27	1.29	39.99	39.86	83.43	53.68	53.55	115.12	222.10	221.97	505.81
2031-05-08	2.05	1.99	14.05	0.98	0.92	6.67	0.20	0.13	1.22	1.14	1.12	7.78	0.91	0.89	6.17	0.27	0.25	1.75	40.52	40.36	83.43	54.21	54.05	115.12	222.63	222.47	505.81
2031-05-09	1.93	1.87	9.06	0.92	0.87	4.28	0.18	0.13	0.75	1.07	1.06	5.04	0.86	0.84	4.00	0.25	0.24	1.14	40.99	40.84	83.43	54.68	54.53	115.12	223.10	222.96	505.81
2031-05-10	1.88	1.82	7.75	0.90	0.84	3.58	0.18	0.12	0.49	1.05	1.03	4.40	0.83	0.82	3.49	0.25	0.23	0.99	40.98	40.55	83.43	54.67	54.24	115.12	223.10	222.66	505.81
2031-05-11	1.83	1.78	7.00	0.88	0.83	3.23	0.18	0.13	0.45	1.02	1.00	3.97	0.81	0.80	3.15	0.24	0.23	0.89	41.00	40.75	83.43	54.69	54.44	115.12	223.11	222.86	505.81
2031-05-12	2.02	1.95	5.84	0.97	0.90	2.71	0.19	0.13	0.40	1.13	1.11	3.30	0.90	0.88	2.62	0.27	0.25	0.74	41.13	40.63	83.43	54.82	54.32	115.12	223.24	222.74	505.81
2031-05-13	2.93	2.84	4.93	1.41	1.32	2.29	0.28	0.19	0.33	1.63	1.61	2.79	1.30	1.28	2.21	0.39	0.36	0.63	42.95	42.33	83.43	56.64	56.02	115.12	225.06	224.44	505.81
2031-05-14	3.71	3.58	4.31	1.78	1.65	2.00	0.36	0.23	0.28	2.07	2.04	2.44	1.65	1.61	1.94	0.49	0.46	0.55	44.67	44.10	83.43	58.36	57.79	115.12	226.78	226.21	505.81
2031-05-15	4.41	4.26	3.90	2.12	1.97	1.80	0.42	0.27	0.25	2.46	2.42	2.21	1.96	1.92	1.76	0.58	0.54	0.50	117.51	117.30	83.43	150.38	150.17	115.12	95.68	95.68	474.06
2031-05-16	4.67	4.52	3.51	2.24	2.09	1.63	0.45	0.29	0.23	2.61	2.56	1.99	2.08	2.03	1.58	0.62	0.58	0.45	116.28	116.08	83.43	149.16	148.95	115.12	95.47	95.47	473.84
2031-05-17	5.84	5.63	3.29	2.80	2.59	1.52	0.56	0.35	0.21	3.26	3.20	1.87	2.60	2.54	1.48	0.77	0.72	0.42	115.61	115.42	83.43	148.48	148.29	115.12	95.30	95.30	473.68
2031-05-18	6.81	6.57	3.10	3.27	3.03	1.43	0.65	0.41	0.20	3.80	3.73	1.76	3.02	2.96	1.39	0.90	0.84	0.40	115.78	115.55	83.43	148.65	148.42	115.12	95.40	95.40	473.78
2031-05-19	7.12	6.89	2.81	3.42	3.19	1.30	0.68	0.45	0.19	3.97	3.91	1.59	3.16	3.10	1.26	0.94	0.88	0.36	115.73	115.52	83.43	148.60	148.39	115.12	95.50	95.50	473.87
2031-05-20	7.24	7.00	2.56	3.48	3.24	1.19	0.69	0.45	0.17	4.04	3.97	1.45	3.22	3.15	1.15	0.95	0.89	0.33	115.10	114.92	83.43	147.97	147.79	115.12	95.33	95.33	473.71
2031-05-21	6.79	6.58	2.36	3.26	3.05	1.09	0.65	0.44	0.16	3.79	3.72	1.34	3.01	2.95	1.06	0.89	0.84	0.30	114.51	114.35	83.43	147.38	147.23	115.12	95.18	95.18	473.56
2031-05-22	12.58	11.78	5.61	6.04	5.23	2.47	1.21	0.40	0.15	7.02	6.90	3.31	5.59	5.47	2.62	1.66	1.55	0.74	119.26	118.75	83.43	152.13	151.62	115.12	99.39	99.39	477.77
2031-05-23	19.40	19.36	11.49	9.31	9.27	5.31	1.86	1.82	0.74																		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2031-06-21	3.52	3.38	1.37	1.69	1.55	0.64	0.34	0.20	0.09	1.96	1.93	0.77	1.56	1.53	0.61	0.46	0.43	0.17	173.92	173.52	129.99	207.33	206.93	155.33	984.34	983.93	744.69
2031-06-22	3.81	3.65	1.39	1.83	1.67	0.65	0.37	0.21	0.10	2.13	2.09	0.78	1.69	1.66	0.62	0.50	0.47	0.18	160.41	160.87	122.73	193.82	194.28	148.07	970.83	971.28	737.43
2031-06-23	5.19	4.91	1.73	2.49	2.22	0.79	0.50	0.22	0.10	2.89	2.84	0.99	2.30	2.26	0.79	0.68	0.64	0.22	153.94	153.33	116.84	187.34	186.74	142.18	964.35	963.75	731.54
2031-06-24	6.95	6.60	2.47	3.34	2.98	1.12	0.67	0.31	0.13	3.88	3.81	1.42	3.09	3.02	1.13	0.92	0.86	0.32	151.77	151.10	115.43	185.18	184.50	140.77	962.19	961.51	730.13
2031-06-25	5.45	5.31	1.87	2.61	2.47	0.89	0.52	0.38	0.16	3.04	2.99	1.04	2.42	2.37	0.82	0.72	0.67	0.23	150.16	149.92	114.18	183.57	183.32	139.52	960.58	960.33	728.88
2031-06-26	4.63	4.49	1.74	2.22	2.08	0.81	0.44	0.30	0.12	2.58	2.54	0.98	2.06	2.01	0.78	0.61	0.57	0.22	147.78	147.52	112.55	181.19	180.93	137.89	958.20	957.94	727.25
2031-06-27	4.53	4.36	1.73	2.17	2.00	0.80	0.43	0.26	0.12	2.53	2.48	0.98	2.01	1.97	0.78	0.60	0.56	0.22	146.14	145.92	111.40	179.55	179.32	136.74	956.56	956.33	726.10
2031-06-28	4.40	4.25	1.73	2.11	1.96	0.80	0.42	0.27	0.12	2.46	2.41	0.98	1.95	1.91	0.77	0.58	0.54	0.22	144.95	144.75	110.54	178.36	178.16	135.87	955.37	955.17	725.24
2031-06-29	3.84	3.72	1.64	1.84	1.73	0.76	0.37	0.25	0.11	2.14	2.11	0.93	1.71	1.67	0.74	0.51	0.47	0.21	144.05	143.88	109.86	177.46	177.29	135.20	954.47	954.30	724.56
2031-06-30	3.41	3.30	1.57	1.64	1.53	0.73	0.33	0.22	0.11	1.90	1.87	0.88	1.51	1.48	0.70	0.45	0.42	0.20	143.36	143.20	109.33	176.76	176.61	134.67	953.77	953.62	724.03
2031-07-01	3.06	2.97	1.50	1.47	1.37	0.70	0.29	0.20	0.11	1.71	1.68	0.85	1.36	1.33	0.67	0.40	0.38	0.19	142.80	142.66	134.94	176.21	176.07	166.59	953.22	953.08	902.65
2031-07-02	2.78	2.69	1.44	1.33	1.25	0.67	0.27	0.18	0.10	1.55	1.52	0.81	1.23	1.21	0.65	0.37	0.34	0.18	142.36	142.23	134.59	175.76	175.64	166.23	952.77	952.64	902.29
2031-07-03	2.55	2.47	1.39	1.22	1.14	0.65	0.24	0.17	0.10	1.42	1.40	0.78	1.13	1.11	0.62	0.34	0.31	0.18	141.99	141.87	134.29	175.39	175.28	165.94	952.40	952.29	902.00
2031-07-04	2.38	2.30	1.34	1.14	1.07	0.62	0.23	0.15	0.09	1.33	1.30	0.76	1.06	1.03	0.60	0.31	0.29	0.17	141.68	141.57	134.04	175.08	174.98	165.68	952.09	951.99	901.74
2031-07-05	2.23	2.17	1.30	1.07	1.01	0.61	0.21	0.15	0.10	1.25	1.22	0.73	0.99	0.97	0.58	0.29	0.28	0.16	141.54	141.43	133.89	174.94	174.84	165.54	951.95	951.85	901.60
2031-07-06	2.09	2.02	1.26	1.00	0.94	0.59	0.20	0.14	0.09	1.16	1.14	0.71	0.93	0.91	0.56	0.27	0.26	0.16	141.40	141.31	133.77	174.81	174.71	165.42	951.82	951.72	901.48
2031-07-07	1.96	1.90	1.23	0.94	0.88	0.57	0.19	0.13	0.09	1.09	1.07	0.69	0.87	0.85	0.55	0.26	0.24	0.15	141.18	141.09	133.59	174.59	174.50	165.24	951.60	951.51	901.30
2031-07-08	1.85	1.80	1.19	0.89	0.83	0.56	0.18	0.12	0.09	1.03	1.01	0.67	0.82	0.80	0.53	0.24	0.23	0.15	142.37	142.19	134.67	175.77	175.59	166.32	952.78	952.60	902.38
2031-07-09	1.93	1.86	1.25	0.92	0.86	0.58	0.18	0.12	0.08	1.07	1.06	0.70	0.86	0.84	0.56	0.25	0.24	0.16	144.98	144.69	137.11	178.39	178.10	168.75	955.40	955.11	904.81
2031-07-10	1.98	1.92	1.36	0.95	0.89	0.63	0.19	0.13	0.09	1.11	1.09	0.77	0.88	0.86	0.61	0.26	0.24	0.17	142.89	142.80	135.24	176.30	176.20	166.88	953.30	953.21	902.94
2031-07-11	1.87	1.82	1.27	0.90	0.84	0.59	0.18	0.12	0.09	1.04	1.03	0.71	0.83	0.81	0.57	0.25	0.23	0.16	142.42	142.30	134.79	175.83	175.70	166.43	952.84	952.71	902.49
2031-07-12	1.77	1.72	1.23	0.85	0.80	0.57	0.17	0.12	0.09	0.99	0.97	0.69	0.79	0.77	0.55	0.23	0.22	0.16	142.04	141.93	134.46	175.45	175.33	166.10	952.46	952.34	902.16
2031-07-13	1.69	1.64	1.20	0.81	0.76	0.56	0.16	0.11	0.09	0.94	0.92	0.67	0.75	0.73	0.53	0.22	0.21	0.15	141.72	141.62	134.18	175.13	175.03	165.83	952.14	952.03	901.89
2031-07-14	1.61	1.56	1.17	0.77	0.73	0.54	0.15	0.11	0.08	0.90	0.88	0.66	0.71	0.70	0.52	0.21	0.20	0.15	141.46	141.36	133.95	174.86	174.77	165.59	951.87	951.77	901.65
2031-07-15	1.54	1.50	1.14	0.74	0.70	0.53	0.15	0.10	0.08	0.86	0.84	0.64	0.68	0.67	0.51	0.20	0.19	0.14	141.18	141.09	133.77	174.59	174.50	165.42	951.60	951.51	901.30
2031-07-16	1.48	1.44	1.11	0.71	0.67	0.52	0.14	0.10	0.08	0.83	0.81	0.63	0.66	0.64	0.50	0.19	0.18	0.14	140.91	140.82	133.59	174.31	174.22	165.24	951.33	951.24	901.02
2031-07-17	1.58	1.53	1.18	0.76	0.70	0.55	0.15	0.10	0.08	0.88	0.87	0.67	0.70	0.69	0.53	0.21	0.19	0.15	141.68	141.59	134.29	175.08	174.98	165.68	952.09	951.99	901.74
2031-07-18	1.72	1.66	1.41	0.82	0.77	0.65	0.16	0.11	0.09	0.96	0.94	0.80	0.76	0.75	0.63	0.23	0.21	0.18	144.98	144.69	137.11	178.39	178.10	168.75	955.40	955.11	904.81
2031-07-19	1.68	1.64	1.28	0.81	0.76	0.60	0.16	0.11	0.10	0.94	0.92	0.72	0.75	0.73	0.57	0.22	0.21	0.16	144.98	144.69	137.11	178.39	178.10	168.75	955.40	955.11	904.81
2031-07-20	1.69	1.65	1.29	0.81	0.77	0.60	0.16	0.11	0.10	0.95	0.93	0.72	0.75	0.74	0.58	0.22	0.21	0.16	145.48	145.41	135.24	176.30	176.20	166.88	953.30	953.21	902.94
2031-07-21	1.62	1.57	1.25	0.78	0.73	0.58	0.15	0.11	0.09	0.90	0.89	0.70	0.72	0.70	0.56	0.21	0.20	0.16	142.42	142.30	134.79	175.83	175.70	166.43	952.84	952.71	902.49
2031-07-22	1.55	1.50	1.22	0.74	0.70	0.57	0.15	0.11	0.09	0.86	0.85	0.68	0.69	0.67	0.54	0.20	0.19	0.15	142.04	141.93	134.46	175.45	175.33	166.10	952.46	952.34	902.16
2031-07-23	1.49	1.45	1.18	0.71	0.67	0.55	0.14	0.10	0.09	0.83	0.81	0.66	0.66	0.65	0.53	0.20	0.18	0.15	141.72	141.62	134.18	175.13	175.03	165.83	952.14	952.03	901.89
2031-07-24	1.43	1.39	1.15	0.69	0.65	0.54	0.14	0.10	0.08	0.80	0.78	0.65	0.64	0.62	0.51	0.19	0.18	0.15	141.46	141.36	133.95	174.86	174.77	165.59	951.87	951.77	901.65
2031-07-25	1.66	1.60	1.36	0.79	0.73	0.63	0.16	0.10	0.08	0.92	0.91	0.77	0.74	0.72	0.61	0.22	0.20	0.17	145.48	145.41	135.24	176.30	176.20	166.88	953.30	953.21	902.94
2031-07-26	2.44	2.33	2.05	1.17	1.06	0.93	0.23	0.12	0.11	1.36	1.34	1.18	1.08	1.06	0.93	0.32	0.30	0.26	54.96	54.91	52.07	73.65	73.60	69.77	449.75	449.70	426.05
2031-07-27	1.89	1.86	1.54	0.91	0.88	0.73	0.18	0.15	0.14	1.06	1.04	0.85	0.84	0.82	0.68	0.25	0.23	0.19	54.90	54.85	52.01	73.59	73.54	69.72	449.69	449.64	425.99
2031-07-28	1.79	1.74	1.45	0.86	0.81	0.67	0.17	0.12	0.10	1.00	0.98	0.82	0.80	0.78	0.65	0.24	0.22	0.18	54.85	54.80	51.96	73.54	73.49	69.67	449.63	449.59	425.95
2031-07-29	1.81	1.75	1.47	0.87	0.81	0.68	0.17	0.11	0.10	1.01	0.99	0.83	0.80	0.79	0.66	0.24	0.22	0.19	54.88	54.83	51.98	73.57	73.52	69.68	449.66	449.61	425.96
2031-07-30	2.00	1.93	1.60	0.96	0.89	0.74	0.19	0.12	0.11	1.12	1.10	0.91	0.89	0.87	0.72	0.26	0.25	0.20	54.90	54.85	51.99	73.59	73.54	69.70	449.69	449.64	425.97
2031-07-31	2.06	1.99	1.66	0.99	0.92	0.77	0.20	0.13	0.11	1.15	1.13	0.94	0.91	0.90	0.74	0.27	0.25	0.21	54.85	54.80	51.94	73.54	73.49	69.65	449.63	449.59	425.92
2031-08-01	1.94	1.88	1.59	0.93	0.87	0.74	0.19	0.13	0.11	1.08	1.06	0.89	0.86	0.84	0.71	0.25	0.24	0.20	56.45	56.29	49.87	75.14	74.98	66.41	45		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2031-08-31	0.91	0.89	0.86	0.44	0.42	0.40	0.09	0.07	0.07	0.51	0.50	0.48	0.40	0.40	0.38	0.12	0.11	0.11	28.31	28.26	25.08	38.70	38.65	34.28	214.80	214.74	190.17
2031-09-01	0.90	0.89	0.85	0.43	0.42	0.40	0.09	0.07	0.07	0.50	0.49	0.47	0.40	0.39	0.38	0.12	0.11	0.11	28.24	28.19	27.67	38.63	38.58	37.92	214.73	214.67	211.62
2031-09-02	0.89	0.88	0.85	0.43	0.41	0.40	0.09	0.07	0.07	0.50	0.49	0.47	0.40	0.39	0.37	0.12	0.11	0.11	28.18	28.13	27.62	38.56	38.51	37.87	214.66	214.61	211.57
2031-09-03	0.94	0.92	0.91	0.45	0.43	0.43	0.09	0.07	0.07	0.52	0.51	0.51	0.42	0.41	0.41	0.12	0.12	0.12	28.12	28.07	27.58	38.51	38.46	37.83	214.60	214.56	211.53
2031-09-04	1.39	1.33	1.32	0.67	0.61	0.60	0.13	0.08	0.08	0.77	0.76	0.75	0.62	0.60	0.60	0.18	0.17	0.17	28.07	28.02	27.54	38.45	38.41	37.79	214.55	214.50	211.49
2031-09-05	1.40	1.36	1.35	0.67	0.64	0.63	0.13	0.10	0.10	0.78	0.77	0.76	0.62	0.61	0.60	0.18	0.17	0.17	28.02	27.97	27.50	38.40	38.36	37.75	214.50	214.46	211.45
2031-09-06	1.07	1.06	1.03	0.51	0.51	0.49	0.10	0.10	0.10	0.60	0.59	0.56	0.47	0.47	0.45	0.14	0.13	0.13	28.11	28.06	27.58	38.49	38.44	37.83	214.59	214.54	211.53
2031-09-07	1.05	1.03	0.99	0.50	0.48	0.47	0.10	0.08	0.08	0.59	0.58	0.56	0.47	0.46	0.44	0.14	0.13	0.12	31.00	30.75	30.28	41.39	41.14	40.52	217.48	217.23	214.22
2031-09-08	1.06	1.04	1.00	0.51	0.49	0.47	0.10	0.08	0.08	0.59	0.58	0.56	0.47	0.46	0.45	0.14	0.13	0.13	34.58	34.25	33.72	44.97	44.63	43.96	221.07	220.73	217.67
2031-09-09	1.11	1.09	1.06	0.53	0.51	0.50	0.11	0.08	0.08	0.62	0.61	0.60	0.49	0.48	0.47	0.15	0.14	0.13	31.29	31.23	30.64	41.67	41.62	40.89	217.77	217.72	214.59
2031-09-10	1.11	1.09	1.05	0.53	0.51	0.49	0.11	0.08	0.08	0.62	0.61	0.59	0.49	0.48	0.46	0.15	0.14	0.13	30.78	30.65	30.10	41.17	41.04	40.35	217.27	217.13	214.05
2031-09-11	1.09	1.06	1.03	0.52	0.50	0.48	0.10	0.08	0.08	0.61	0.60	0.58	0.48	0.47	0.46	0.14	0.13	0.13	30.37	30.25	29.74	40.76	40.64	39.98	216.85	216.73	213.68
2031-09-12	1.07	1.04	1.01	0.51	0.49	0.47	0.10	0.08	0.08	0.59	0.58	0.57	0.47	0.46	0.45	0.14	0.13	0.13	30.03	29.92	29.43	40.41	40.31	39.68	216.51	216.40	213.38
2031-09-13	1.05	1.03	1.00	0.50	0.48	0.47	0.10	0.08	0.08	0.58	0.57	0.56	0.46	0.45	0.44	0.14	0.13	0.12	29.74	29.64	29.17	40.13	40.03	39.42	216.22	216.12	213.12
2031-09-14	1.03	1.01	0.98	0.49	0.47	0.46	0.10	0.08	0.08	0.57	0.56	0.55	0.46	0.45	0.43	0.14	0.13	0.12	29.50	29.41	28.95	39.88	39.79	39.20	215.98	215.89	212.90
2031-09-15	1.01	0.99	0.97	0.49	0.47	0.46	0.10	0.08	0.08	0.56	0.55	0.54	0.45	0.44	0.43	0.13	0.12	0.12	20.10	20.01	19.70	29.00	28.92	28.48	156.23	156.15	153.98
2031-09-16	1.00	0.98	0.96	0.48	0.46	0.45	0.10	0.08	0.08	0.56	0.55	0.53	0.44	0.43	0.42	0.13	0.12	0.12	19.92	19.84	19.53	28.82	28.74	28.32	156.05	155.97	153.82
2031-09-17	2.51	2.35	2.34	1.21	1.04	1.04	0.24	0.08	0.08	1.40	1.38	1.37	1.12	1.09	1.09	0.33	0.31	0.31	20.33	20.22	19.91	29.23	29.12	28.70	156.46	156.35	154.19
2031-09-18	4.92	4.70	4.74	2.36	2.14	2.16	0.47	0.25	0.26	2.75	2.70	2.72	2.19	2.14	2.16	0.65	0.61	0.61	22.59	22.34	22.06	31.49	31.24	30.84	158.72	158.47	156.34
2031-09-19	2.44	2.49	2.49	1.17	1.22	1.22	0.23	0.28	0.28	1.36	1.34	1.34	1.08	1.06	1.06	0.32	0.30	0.30	22.43	22.27	21.99	31.34	31.17	30.78	158.57	158.40	156.28
2031-09-20	2.41	2.33	2.37	1.15	1.07	1.09	0.23	0.15	0.15	1.34	1.32	1.34	1.07	1.05	1.07	0.32	0.30	0.30	21.52	21.41	21.12	30.43	30.31	29.90	157.66	157.54	155.40
2031-09-21	2.57	2.48	2.60	1.23	1.14	1.20	0.25	0.15	0.16	1.44	1.41	1.48	1.14	1.12	1.18	0.34	0.32	0.33	21.12	21.00	20.72	30.03	29.91	29.51	157.26	157.14	155.01
2031-09-22	2.57	2.48	2.63	1.23	1.15	1.22	0.25	0.16	0.17	1.43	1.41	1.49	1.14	1.12	1.18	0.34	0.32	0.34	21.19	21.05	20.78	30.09	29.96	29.56	157.32	157.19	155.06
2031-09-23	2.37	2.30	2.43	1.14	1.07	1.13	0.23	0.16	0.17	1.32	1.30	1.37	1.05	1.03	1.09	0.31	0.29	0.31	21.67	21.51	21.23	30.57	30.41	30.02	157.80	157.64	155.52
2031-09-24	2.20	2.14	2.24	1.06	0.99	1.04	0.21	0.15	0.15	1.23	1.21	1.27	0.98	0.96	1.01	0.29	0.27	0.28	22.90	22.67	22.42	31.81	31.58	31.21	159.04	158.81	156.70
2031-09-25	2.06	2.00	2.09	0.99	0.93	0.97	0.20	0.14	0.15	1.15	1.13	1.18	0.92	0.90	0.94	0.27	0.25	0.27	23.70	23.46	23.22	32.61	32.36	32.00	159.84	159.59	157.50
2031-09-26	1.94	1.75	1.96	0.93	0.74	0.91	0.19	0.00	0.14	1.08	1.06	1.11	0.86	0.84	0.88	0.26	0.24	0.25	22.79	22.63	22.38	31.70	31.54	31.16	158.93	158.77	156.66
2031-09-27	1.83	1.65	1.85	0.88	0.70	0.86	0.18	0.00	0.13	1.02	1.00	1.04	0.81	0.79	0.83	0.24	0.22	0.23	22.15	22.00	21.75	31.05	30.91	30.53	158.28	158.14	156.03
2031-09-28	1.74	1.57	1.75	0.83	0.67	0.81	0.17	0.00	0.12	0.97	0.95	0.99	0.77	0.75	0.78	0.23	0.21	0.22	25.46	25.06	24.88	34.37	33.97	33.66	161.60	161.20	159.16
2031-09-29	1.70	1.54	1.71	0.82	0.65	0.79	0.16	0.00	0.12	0.95	0.93	0.96	0.76	0.74	0.76	0.22	0.21	0.22	34.03	32.83	33.21	42.94	41.74	41.99	170.17	168.97	167.49
2031-09-30	1.83	1.71	1.81	0.88	0.76	0.84	0.18	0.06	0.12	1.02	1.00	1.03	0.81	0.79	0.82	0.24	0.22	0.23	30.91	29.95	30.74	39.82	38.86	39.52	167.05	166.09	165.02
2031-10-01	1.89	1.83	1.87	0.91	0.85	0.87	0.18	0.12	0.13	1.05	1.03	1.06	0.84	0.82	0.84	0.25	0.23	0.24	28.75	28.41	29.20	37.65	37.31	38.30	164.88	164.54	168.33
2031-10-02	1.79	1.74	1.77	0.86	0.81	0.82	0.17	0.12	0.12	1.00	0.98	1.00	0.79	0.78	0.79	0.24	0.22	0.22	26.71	26.44	27.11	35.62	35.34	36.21	162.85	162.57	166.24
2031-10-03	1.70	1.65	1.68	0.82	0.77	0.78	0.16	0.12	0.12	0.95	0.93	0.95	0.75	0.74	0.75	0.22	0.21	0.21	25.14	24.91	25.50	34.04	33.82	34.60	161.27	161.05	164.63
2031-10-04	1.67	1.62	1.66	0.80	0.75	0.77	0.16	0.11	0.11	0.93	0.92	0.93	0.74	0.73	0.74	0.22	0.20	0.21	23.95	23.75	24.28	32.85	32.66	33.38	160.08	159.89	163.41
2031-10-05	1.64	1.60	1.63	0.79	0.74	0.76	0.16	0.11	0.12	0.92	0.90	0.92	0.73	0.71	0.73	0.22	0.20	0.21	23.05	22.88	23.37	31.95	31.78	32.47	159.18	159.01	162.50
2031-10-06	1.57	1.53	1.56	0.75	0.71	0.73	0.15	0.11	0.11	0.88	0.86	0.88	0.70	0.68	0.70	0.21	0.19	0.20	22.35	21.97	22.43	31.25	30.88	31.54	158.48	158.11	161.56
2031-10-07	1.51	1.47	1.49	0.72	0.68	0.70	0.14	0.11	0.11	0.84	0.83	0.84	0.67	0.65	0.67	0.20	0.18	0.19	22.11	21.75	22.23	31.02	30.66	31.33	158.25	157.89	161.36
2031-10-08	1.45	1.41	1.44	0.70	0.66	0.67	0.14	0.10	0.10	0.81	0.79	0.81	0.64	0.63	0.64	0.19	0.18	0.18	21.89	21.54	22.04	30.79	30.45	31.14	158.02	157.68	161.17
2031-10-09	1.40	1.36	1.38	0.67	0.64	0.65	0.13	0.10	0.10	0.78	0.77	0.78	0.62	0.61	0.62	0.18	0.17	0.17	21.42	21.11	21.58	30.33	30.01	30.68	157.56	157.24	160.71
2031-10-10	1.35	1.32	1.34	0.65	0.62	0.62	0.13	0.10	0.10	0.75	0.74	0.75	0.60	0.59	0.60	0.18	0.17	0.17	21.39	21.08	21.55	30.30	29.98	30.65	157.53	157.21	160.68
2031-10-11	1.33	1.30	1.32	0.64	0.61	0.62	0.13	0.09	0.10	0.74	0.73	0.74	0.59	0.58	0.59	0.18	0.16	0.17	21.34	21.03	21.50	30.24	29.93	30.60	157.47	157.16	160.63
2031-10-12	1.33	1.30	1.33	0.64	0.61	0.62	0.13	0.09	0.10	0.74	0.73	0.75	0.59	0.58	0.59	0.18	0.16	0.17									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2031-11-10	1.00	1.01	1.04	0.48	0.49	0.50	0.10	0.10	0.11	0.56	0.55	0.57	0.44	0.43	0.45	0.13	0.12	0.13	18.43	18.39	18.59	26.35	26.31	26.60	135.41	135.37	136.87
2031-11-11	0.96	0.94	0.95	0.46	0.44	0.45	0.09	0.07	0.08	0.53	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	18.41	18.37	18.57	26.33	26.29	26.58	135.39	135.35	136.85
2031-11-12	0.95	0.92	0.93	0.45	0.43	0.43	0.09	0.07	0.07	0.53	0.52	0.52	0.42	0.41	0.41	0.12	0.12	0.12	18.39	18.35	18.55	26.31	26.27	26.56	135.37	135.33	136.83
2031-11-13	0.93	0.92	0.92	0.45	0.43	0.43	0.09	0.07	0.07	0.52	0.51	0.51	0.42	0.41	0.41	0.12	0.11	0.12	18.38	18.35	18.55	26.31	26.27	26.56	135.37	135.33	136.83
2031-11-14	0.92	0.91	0.91	0.44	0.42	0.43	0.09	0.07	0.07	0.52	0.51	0.51	0.41	0.40	0.40	0.12	0.11	0.11	18.39	18.38	18.59	26.31	26.30	26.59	135.37	135.36	136.86
2031-11-15	0.91	0.90	0.90	0.44	0.42	0.42	0.09	0.07	0.07	0.51	0.50	0.50	0.41	0.40	0.40	0.12	0.11	0.11	17.97	17.95	18.15	26.20	26.17	26.47	116.98	116.96	118.27
2031-11-16	0.90	0.88	0.88	0.43	0.41	0.41	0.09	0.06	0.06	0.50	0.50	0.50	0.40	0.39	0.39	0.12	0.11	0.11	17.95	17.92	18.12	26.18	26.14	26.44	116.96	116.93	118.23
2031-11-17	0.90	0.86	0.87	0.43	0.40	0.40	0.09	0.05	0.06	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	17.93	17.90	18.10	26.16	26.12	26.42	116.95	116.91	118.21
2031-11-18	0.89	0.86	0.86	0.43	0.39	0.40	0.09	0.05	0.05	0.50	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.11	17.92	17.88	18.08	26.14	26.11	26.40	116.93	116.89	118.19
2031-11-19	0.88	0.85	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.48	0.48	0.39	0.38	0.38	0.12	0.11	0.11	17.90	17.87	18.07	26.13	26.10	26.39	116.91	116.88	118.18
2031-11-20	0.87	0.84	0.84	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.48	0.48	0.39	0.38	0.38	0.11	0.11	0.11	17.89	17.85	18.05	26.11	26.08	26.37	116.90	116.86	118.16
2031-11-21	0.86	0.83	0.83	0.41	0.38	0.38	0.08	0.05	0.05	0.48	0.47	0.47	0.38	0.38	0.38	0.11	0.11	0.11	17.87	17.83	18.03	26.10	26.05	26.35	116.89	116.84	118.14
2031-11-22	0.86	0.83	0.83	0.41	0.38	0.39	0.08	0.05	0.06	0.48	0.47	0.47	0.38	0.37	0.37	0.11	0.11	0.11	17.86	17.81	18.01	26.09	26.04	26.33	116.87	116.83	118.12
2031-11-23	0.85	0.83	0.83	0.41	0.38	0.38	0.08	0.06	0.06	0.47	0.47	0.47	0.38	0.37	0.37	0.11	0.10	0.10	17.85	17.80	18.00	26.08	26.03	26.32	116.86	116.82	118.11
2031-11-24	0.85	0.82	0.82	0.41	0.38	0.38	0.08	0.05	0.06	0.47	0.46	0.46	0.38	0.37	0.37	0.11	0.10	0.10	17.84	17.80	17.99	26.06	26.02	26.31	116.85	116.81	118.10
2031-11-25	0.84	0.82	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.46	0.37	0.36	0.36	0.11	0.10	0.10	17.82	17.79	17.98	26.05	26.02	26.30	116.84	116.80	118.10
2031-11-26	0.83	0.82	0.82	0.40	0.38	0.39	0.08	0.06	0.07	0.47	0.46	0.46	0.37	0.36	0.36	0.11	0.10	0.10	17.81	17.78	17.97	26.04	26.01	26.29	116.83	116.79	118.09
2031-11-27	0.83	0.81	0.82	0.40	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	17.80	17.77	17.97	26.03	26.00	26.29	116.82	116.78	118.08
2031-11-28	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	17.79	17.76	17.95	26.02	25.99	26.27	116.81	116.77	118.07
2031-11-29	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	17.79	17.75	17.94	26.01	25.98	26.26	116.80	116.76	118.06
2031-11-30	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	17.78	17.75	17.94	26.00	25.97	26.26	116.79	116.76	118.05
2031-12-01	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	17.77	17.74	17.81	26.00	25.97	26.06	116.78	116.76	117.15
2031-12-02	0.81	0.79	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	17.76	17.73	17.80	25.99	25.96	26.05	116.77	116.75	117.14
2031-12-03	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	17.75	17.72	17.79	25.98	25.95	26.04	116.77	116.74	117.13
2031-12-04	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	17.75	17.71	17.77	25.97	25.94	26.03	116.76	116.72	117.11
2031-12-05	0.79	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	17.74	17.70	17.76	25.97	25.93	26.02	116.75	116.71	117.10
2031-12-06	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.43	0.43	0.35	0.34	0.34	0.10	0.10	0.10	17.73	17.69	17.75	25.96	25.92	26.01	116.75	116.70	117.09
2031-12-07	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	17.73	17.68	17.74	25.95	25.91	26.00	116.74	116.70	117.08
2031-12-08	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	17.72	17.68	17.74	25.95	25.90	25.99	116.73	116.69	117.08
2031-12-09	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	17.71	17.67	17.74	25.94	25.90	25.99	116.73	116.69	117.08
2031-12-10	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	17.72	17.68	17.73	25.94	25.91	25.99	116.73	116.69	117.07
2031-12-11	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	17.72	17.68	17.74	25.95	25.91	25.99	116.73	116.70	117.08
2031-12-12	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	17.72	17.69	17.74	25.95	25.91	26.00	116.73	116.70	117.08
2031-12-13	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	17.72	17.69	17.75	25.95	25.92	26.00	116.73	116.71	117.09
2031-12-14	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	17.72	17.70	17.75	25.95	25.92	26.01	116.73	116.71	117.09
2031-12-15	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.88	12.85	12.91	18.84	18.81	18.88	78.95	78.92	79.20
2031-12-16	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.96	12.93	13.02	18.91	18.88	18.99	79.03	79.00	79.30
2031-12-17	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.83	12.82	12.88	18.79	18.77	18.86	78.90	78.89	79.17
2031-12-18	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.83	12.81	12.85	18.79	18.76	18.82	78.90	78.88	79.14
2031-12-19	0.80	0.78	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.82	12.79	12.83	18.77	18.75	18.80	78.89	78.86	79.11
2031-12-20	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.81	12.78	12.81	18.77	18.73	18.79	78.89	78.85	79.10
2031-12-21	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.82	12.78	12.82	18.77	18.74	18.79	78.89	78.85	79.11
2031-12-22	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.82	12.79							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032-01-20	0.82	0.81	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.54	10.52	10.51	16.63	16.60	16.59	70.34	70.31	70.29
2032-01-21	0.80	0.80	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.51	16.63	16.60	16.59	70.34	70.31	70.29
2032-01-22	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.51	16.63	16.60	16.59	70.34	70.31	70.29
2032-01-23	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.51	16.63	16.60	16.59	70.34	70.31	70.29
2032-01-24	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.52	16.63	16.60	16.60	70.34	70.31	70.29
2032-01-25	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.52	16.63	16.61	16.60	70.34	70.32	70.30
2032-01-26	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.52	16.63	16.61	16.60	70.34	70.32	70.30
2032-01-27	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.52	16.63	16.61	16.60	70.34	70.32	70.30
2032-01-28	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.52	16.64	16.61	16.60	70.34	70.32	70.30
2032-01-29	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.64	16.61	16.60	70.35	70.32	70.30
2032-01-30	0.99	0.96	0.99	0.47	0.44	0.46	0.09	0.07	0.07	0.55	0.54	0.56	0.44	0.43	0.45	0.13	0.12	0.13	10.56	10.53	10.52	16.64	16.61	16.60	70.35	70.32	70.30
2032-01-31	1.22	1.18	1.29	0.59	0.55	0.59	0.12	0.08	0.08	0.68	0.67	0.73	0.54	0.53	0.58	0.16	0.15	0.16	10.56	10.53	10.52	16.64	16.61	16.60	70.35	70.32	70.30
2032-02-01	0.87	0.88	0.94	0.42	0.43	0.46	0.08	0.09	0.10	0.49	0.48	0.51	0.39	0.38	0.40	0.11	0.11	0.11	10.56	10.53	10.59	16.64	16.62	16.71	70.35	70.32	70.75
2032-02-02	0.81	0.80	0.84	0.39	0.38	0.40	0.08	0.07	0.07	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.10	10.56	10.54	10.62	16.64	16.62	16.74	70.35	70.33	70.78
2032-02-03	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	10.56	10.54	10.66	16.64	16.62	16.78	70.35	70.33	70.82
2032-02-04	0.80	0.79	0.82	0.38	0.37	0.39	0.08	0.07	0.07	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	10.56	10.54	10.60	16.64	16.62	16.71	70.35	70.33	70.76
2032-02-05	0.80	0.79	0.82	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.10	10.56	10.54	10.59	16.64	16.62	16.71	70.35	70.33	70.75
2032-02-06	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.43	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.56	10.54	10.59	16.65	16.62	16.71	70.35	70.33	70.75
2032-02-07	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.43	0.45	0.35	0.34	0.36	0.10	0.10	0.10	10.57	10.54	10.59	16.65	16.62	16.71	70.36	70.33	70.75
2032-02-08	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.59	16.65	16.62	16.71	70.36	70.33	70.75
2032-02-09	0.80	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.59	16.65	16.62	16.71	70.36	70.33	70.75
2032-02-10	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.59	16.65	16.62	16.71	70.36	70.33	70.75
2032-02-11	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.59	16.65	16.62	16.71	70.36	70.33	70.75
2032-02-12	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.57	10.54	10.59	16.65	16.62	16.71	70.36	70.33	70.75
2032-02-13	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.43	0.35	0.35	0.34	0.11	0.10	0.10	10.57	10.55	10.64	16.65	16.63	16.75	70.36	70.34	70.80
2032-02-14	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.43	0.36	0.35	0.34	0.11	0.10	0.10	10.57	10.55	10.69	16.65	16.63	16.81	70.36	70.34	70.86
2032-02-15	0.82	0.80	0.85	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.48	0.36	0.35	0.38	0.11	0.10	0.11	10.52	10.50	10.55	15.44	15.41	15.50	65.71	65.69	66.08
2032-02-16	0.84	0.83	0.96	0.40	0.39	0.46	0.08	0.07	0.08	0.47	0.46	0.53	0.37	0.36	0.42	0.11	0.10	0.12	10.53	10.50	10.54	15.44	15.41	15.49	65.71	65.69	66.07
2032-02-17	0.80	0.80	0.83	0.39	0.38	0.40	0.08	0.07	0.08	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.53	10.50	10.54	15.44	15.41	15.49	65.71	65.69	66.08
2032-02-18	0.80	0.79	0.80	0.38	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.41	15.49	65.72	65.69	66.08
2032-02-19	0.80	0.79	0.82	0.38	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.41	15.49	65.72	65.69	66.08
2032-02-20	0.80	0.79	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.41	15.49	65.72	65.69	66.08
2032-02-21	0.80	0.79	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.42	15.49	65.72	65.69	66.08
2032-02-22	0.80	0.79	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.41	15.49	65.72	65.69	66.08
2032-02-23	0.81	0.79	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.42	15.49	65.72	65.69	66.08
2032-02-24	0.81	0.80	0.78	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.43	0.36	0.35	0.34	0.11	0.10	0.10	10.53	10.51	10.55	15.44	15.42	15.50	65.72	65.69	66.08
2032-02-25	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.50	10.55	15.44	15.42	15.49	65.72	65.69	66.08
2032-02-26	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.51	10.55	15.45	15.42	15.50	65.72	65.70	66.08
2032-02-27	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.51	10.55	15.45	15.42	15.50	65.72	65.70	66.08
2032-02-28	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.53	10.51	10.56	15.45	15.42	15.50	65.72	65.70	66.09
2032-02-29	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.79	10.75	11.08	15.71	15.66	16.02	65.98	65.94	66.61
2032-03-01	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.12	11.99	20.43	17.03	16.90	29.06	67.31	67.18	117.40
2032-03-02	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.84	12.72	21.74	17.75	17.63	30.37	68.03	67.91	118.71
2032-03-03																											

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032-03-31	1.53	1.49	3.81	0.73	0.70	1.76	0.15	0.11	0.25	0.85	0.84	2.16	0.68	0.66	1.71	0.20	0.19	0.49	14.17	14.12	25.68	20.97	20.92	37.63	83.23	83.18	147.03
2032-04-01	1.47	1.43	3.69	0.70	0.67	1.71	0.14	0.10	0.25	0.82	0.80	2.09	0.65	0.64	1.66	0.19	0.18	0.47	14.66	14.60	33.40	21.46	21.40	48.95	83.72	83.66	191.19
2032-04-02	1.41	1.38	4.04	0.68	0.64	1.86	0.14	0.10	0.24	0.79	0.78	2.31	0.63	0.62	1.83	0.19	0.17	0.52	14.78	14.73	35.13	21.59	21.53	50.67	83.84	83.79	192.91
2032-04-03	1.37	1.33	4.21	0.66	0.62	1.94	0.13	0.10	0.27	0.76	0.75	2.39	0.61	0.59	1.89	0.18	0.17	0.54	15.10	15.02	36.79	21.90	21.83	52.33	84.16	84.08	194.57
2032-04-04	1.32	1.29	3.69	0.63	0.60	1.71	0.13	0.09	0.25	0.74	0.73	2.09	0.59	0.58	1.66	0.17	0.16	0.47	16.07	15.94	39.32	22.87	22.75	54.86	85.13	85.00	197.10
2032-04-05	1.28	1.25	3.27	0.62	0.59	1.52	0.12	0.09	0.22	0.72	0.70	1.85	0.57	0.56	1.47	0.17	0.16	0.42	16.80	16.65	41.56	23.60	23.45	57.11	85.86	85.71	199.35
2032-04-06	1.25	1.22	2.95	0.60	0.57	1.37	0.12	0.09	0.20	0.70	0.68	1.67	0.55	0.54	1.32	0.16	0.15	0.37	16.75	16.63	41.54	23.56	23.44	57.08	85.81	85.69	199.32
2032-04-07	1.21	1.19	2.67	0.58	0.55	1.24	0.12	0.09	0.18	0.68	0.67	1.51	0.54	0.53	1.20	0.16	0.15	0.34	16.22	16.10	38.69	23.02	22.90	54.23	85.28	85.16	196.47
2032-04-08	1.18	1.16	2.45	0.57	0.54	1.14	0.11	0.09	0.17	0.66	0.65	1.39	0.53	0.51	1.10	0.16	0.15	0.31	15.86	15.75	36.55	22.67	22.55	52.09	84.92	84.81	194.33
2032-04-09	1.16	1.13	2.27	0.55	0.53	1.05	0.11	0.08	0.15	0.64	0.63	1.28	0.51	0.50	1.02	0.15	0.14	0.29	15.65	15.54	36.20	22.45	22.34	51.74	84.71	84.60	193.98
2032-04-10	1.13	1.10	2.11	0.54	0.52	0.98	0.11	0.08	0.14	0.63	0.62	1.19	0.50	0.49	0.95	0.15	0.14	0.27	15.45	15.35	36.85	22.26	22.16	52.40	84.51	84.42	194.64
2032-04-11	1.11	1.08	2.04	0.53	0.51	0.95	0.11	0.08	0.14	0.62	0.61	1.15	0.49	0.48	0.92	0.15	0.14	0.26	15.22	15.13	35.82	22.02	21.93	51.36	84.28	84.19	193.60
2032-04-12	1.08	1.06	2.17	0.52	0.50	1.01	0.10	0.08	0.15	0.60	0.59	1.23	0.48	0.47	0.97	0.14	0.13	0.28	15.02	14.93	36.19	21.82	21.73	51.73	84.08	83.99	193.97
2032-04-13	1.06	1.04	2.58	0.51	0.49	1.20	0.10	0.08	0.18	0.59	0.58	1.46	0.47	0.46	1.15	0.14	0.13	0.33	14.84	14.76	36.26	21.64	21.56	51.81	83.90	83.82	194.05
2032-04-14	1.04	1.03	3.05	0.50	0.48	1.41	0.10	0.08	0.21	0.58	0.57	1.72	0.46	0.45	1.37	0.14	0.13	0.39	14.69	14.61	34.85	21.49	21.41	50.39	83.75	83.67	192.63
2032-04-15	1.57	1.50	4.99	0.75	0.68	2.25	0.15	0.08	0.22	0.87	0.86	2.89	0.70	0.68	2.29	0.21	0.19	0.65	27.53	27.46	63.43	39.02	38.94	89.67	163.16	163.09	373.31
2032-04-16	2.80	2.69	8.81	1.34	1.23	3.99	0.27	0.16	0.43	1.56	1.54	5.08	1.24	1.22	4.03	0.37	0.35	1.14	27.41	27.35	62.37	38.90	38.83	88.61	163.05	162.98	372.25
2032-04-17	1.80	1.83	8.97	0.87	0.90	4.18	0.17	0.20	0.65	1.01	0.99	5.05	0.80	0.79	4.01	0.24	0.22	1.14	27.31	27.24	62.14	38.79	38.73	88.38	162.94	162.88	372.02
2032-04-18	2.01	1.94	10.92	0.96	0.90	5.03	0.19	0.13	0.69	1.12	1.10	6.21	0.89	0.87	4.92	0.26	0.25	1.39	27.43	27.36	62.35	38.91	38.84	88.59	163.06	162.99	372.23
2032-04-19	2.97	2.85	14.71	1.43	1.30	7.00	0.29	0.16	1.31	1.66	1.63	8.13	1.32	1.29	6.45	0.39	0.37	1.83	28.22	28.12	63.85	39.70	39.61	90.09	163.85	163.76	373.73
2032-04-20	2.65	2.60	14.58	1.27	1.22	6.99	0.25	0.21	1.39	1.48	1.45	7.99	1.18	1.15	6.34	0.35	0.33	1.79	28.22	28.14	64.47	39.71	39.63	90.70	163.85	163.78	374.34
2032-04-21	2.65	2.58	12.95	1.27	1.20	5.71	0.25	0.18	0.36	1.48	1.45	7.64	1.18	1.15	6.06	0.35	0.33	1.72	27.89	27.81	63.26	39.37	39.29	89.50	163.52	163.44	373.14
2032-04-22	2.53	2.47	12.45	1.21	1.15	5.86	0.24	0.18	0.99	1.41	1.39	6.95	1.12	1.10	5.51	0.33	0.31	1.56	27.73	27.65	62.29	39.21	39.13	88.53	163.36	163.28	372.17
2032-04-23	2.38	2.31	11.37	1.14	1.07	5.27	0.23	0.15	0.77	1.33	1.30	6.43	1.06	1.03	5.10	0.31	0.29	1.45	27.59	27.52	61.86	39.07	39.00	88.09	163.22	163.15	371.73
2032-04-24	2.31	2.26	12.59	1.11	1.05	6.49	0.22	0.16	1.99	1.29	1.27	6.45	1.03	1.01	5.12	0.30	0.29	1.46	27.64	27.57	61.69	39.12	39.05	87.93	163.27	163.20	371.57
2032-04-25	2.36	2.29	11.05	1.13	1.07	4.74	0.23	0.16	0.08	1.31	1.29	6.65	1.05	1.03	5.27	0.31	0.29	1.49	28.01	27.94	61.70	39.49	39.43	87.94	163.64	163.58	371.58
2032-04-26	2.70	2.61	13.42	1.30	1.21	6.08	0.26	0.17	0.65	1.51	1.48	7.75	1.20	1.17	6.15	0.36	0.33	1.74	28.81	28.71	61.73	40.29	40.20	87.97	164.44	164.34	371.61
2032-04-27	2.85	2.78	14.27	1.37	1.29	6.77	0.27	0.20	1.24	1.59	1.56	7.90	1.27	1.24	6.26	0.38	0.35	1.77	29.62	29.49	62.02	41.10	40.98	88.26	165.25	165.12	371.90
2032-04-28	2.66	2.57	12.24	1.27	1.19	5.35	0.25	0.17	0.27	1.48	1.46	7.26	1.18	1.15	5.76	0.35	0.33	1.63	29.60	29.51	62.09	41.09	40.99	88.33	165.24	165.14	371.97
2032-04-29	2.64	2.55	13.31	1.27	1.18	6.20	0.25	0.17	0.95	1.47	1.45	7.49	1.17	1.15	5.95	0.35	0.32	1.68	29.13	29.01	61.68	40.61	40.50	87.92	164.76	164.65	371.56
2032-04-30	2.78	2.70	14.56	1.34	1.25	6.75	0.27	0.18	0.98	1.55	1.53	8.24	1.24	1.21	6.53	0.37	0.34	1.85	28.79	28.67	61.36	40.27	40.16	87.60	164.42	164.30	371.24
2032-05-01	2.92	2.82	16.27	1.40	1.30	7.61	0.28	0.18	1.22	1.63	1.60	9.12	1.30	1.27	7.24	0.38	0.36	2.05	28.67	28.56	60.65	40.16	40.04	88.18	164.30	164.19	109.57
2032-05-02	2.81	2.75	16.44	1.35	1.28	8.13	0.27	0.20	1.99	1.57	1.54	8.78	1.25	1.22	6.97	0.37	0.35	1.98	28.93	28.82	60.56	40.41	40.30	88.09	164.56	164.45	109.48
2032-05-03	2.79	2.69	14.47	1.34	1.24	6.19	0.27	0.17	0.07	1.55	1.53	8.72	1.24	1.21	6.92	0.37	0.34	1.95	29.28	29.19	60.24	40.77	40.68	87.76	164.92	164.82	109.16
2032-05-04	2.94	2.86	17.10	1.41	1.33	7.99	0.28	0.20	1.25	1.64	1.61	9.61	1.31	1.28	7.63	0.39	0.36	2.16	29.67	29.56	60.94	41.16	41.04	87.46	165.31	165.19	108.86
2032-05-05	3.19	3.08	17.76	1.53	1.42	8.31	0.31	0.20	1.33	1.78	1.75	10.00	1.42	1.39	7.94	0.42	0.39	2.28	30.33	30.19	59.68	41.81	41.68	87.21	165.96	165.83	108.60
2032-05-06	3.34	3.24	17.28	1.60	1.51	8.31	0.32	0.22	1.68	1.86	1.83	9.51	1.48	1.45	7.55	0.44	0.41	2.17	30.89	30.76	59.46	42.37	42.24	86.99	166.52	166.39	108.38
2032-05-07	3.30	3.21	14.25	1.59	1.49	6.22	0.32	0.22	0.28	1.84	1.81	8.52	1.47	1.44	6.77	0.44	0.41	1.96	31.42	31.26	59.28	42.91	42.74	86.81	167.05	166.89	108.20
2032-05-08	3.54	3.42	14.10	1.70	1.58	6.56	0.34	0.22	0.98	1.98	1.94	8.00	1.57	1.54	6.36	0.47	0.44	1.83	31.89	31.75	59.11	43.38	43.23	86.64	167.53	167.38	108.03
2032-05-09	3.98	3.86	13.46	1.91	1.79	6.29	0.38	0.26	1.00	2.22	2.18	7.59	1.77	1.73	6.03	0.52	0.49	1.74	31.89	31.45	58.97	43.38	42.93	86.50	167.52	167.08	107.89
2032-05-10	4.44	4.29	12.47	2.13	1.98	5.81	0.43	0.28	0.89	2.48	2.44	7.05	1.97	1.93	5.60	0.58	0.55	1.61	31.91	31.65	58.85	43.39	43.13	86.38	167.54	167.28	107.77
2032-05-11	5.26	5.07	11.71	2.52	2.33	5.45	0.50	0.31	0.82	2.93	2.88	6.63	2.34	2.29	5.26	0.69	0.65	1.51	32.03	31.53	58.74	43.52	43.02	86.26	167.66	167.16	107.66
2032-05-12	6.84	6.58	11.11	3.28	3.02	5.17	0.66	0.39	0.79	3.82	3.75	6.28	3.04	2.98	4.98	0.90	0.84	1.42	3								

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032-06-10	11.55	10.91	2.34	5.55	4.90	1.07	1.11	0.47	0.12	6.45	6.33	1.35	5.13	5.02	1.07	1.52	1.42	0.30	99.78	99.71	76.09	129.23	129.16	98.42	644.99	644.91	489.51
2032-06-11	14.41	15.02	3.43	6.92	7.52	1.56	1.38	1.99	0.17	8.04	7.91	1.98	6.40	6.28	1.57	1.90	1.79	0.44	99.68	99.62	75.99	129.13	129.07	98.32	644.88	644.82	489.42
2032-06-12	11.39	10.30	2.64	5.47	4.38	1.24	1.09	0.00	0.21	6.36	6.24	1.47	5.06	4.95	1.17	1.50	1.40	0.33	99.59	99.53	75.90	129.04	128.98	98.23	644.79	644.73	489.33
2032-06-13	10.01	9.73	2.40	4.80	4.52	1.11	0.96	0.68	0.16	5.58	5.48	1.35	4.44	4.35	1.07	1.32	1.23	0.30	99.51	99.45	75.82	128.96	128.90	98.16	644.71	644.65	489.25
2032-06-14	8.39	8.14	2.22	4.03	3.78	1.03	0.80	0.56	0.15	4.68	4.60	1.25	3.72	3.65	1.00	1.10	1.03	0.28	99.42	99.37	75.75	128.87	128.81	98.08	644.62	644.57	489.18
2032-06-15	7.16	6.94	2.07	3.44	3.21	0.96	0.69	0.46	0.14	4.00	3.93	1.17	3.18	3.12	0.93	0.94	0.88	0.26	152.23	152.17	115.79	187.18	187.13	142.30	1003.04	1002.99	760.96
2032-06-16	6.72	6.46	1.94	3.23	2.97	0.90	0.64	0.38	0.13	3.75	3.68	1.10	2.99	2.92	0.87	0.89	0.83	0.25	152.15	152.10	115.73	187.11	187.06	142.24	1002.97	1002.92	760.91
2032-06-17	6.48	6.24	1.83	3.11	2.86	0.85	0.62	0.37	0.13	3.62	3.55	1.03	2.88	2.82	0.82	0.85	0.80	0.23	152.09	152.04	115.68	187.05	187.00	142.19	1002.91	1002.86	760.85
2032-06-18	5.98	5.76	1.74	2.87	2.65	0.81	0.57	0.35	0.12	3.33	3.28	0.98	2.65	2.60	0.78	0.79	0.74	0.22	174.76	173.15	129.16	209.72	208.11	155.66	1025.58	1023.97	774.33
2032-06-19	5.26	5.09	1.65	2.52	2.35	0.77	0.50	0.33	0.12	2.93	2.88	0.93	2.34	2.29	0.74	0.69	0.65	0.21	230.53	227.88	162.45	265.49	262.84	188.96	1081.35	1078.70	807.63
2032-06-20	5.40	5.17	1.75	2.59	2.36	0.81	0.52	0.29	0.11	3.01	2.96	0.99	2.40	2.35	0.79	0.71	0.66	0.22	186.01	185.60	139.08	220.97	220.56	165.59	1036.83	1036.42	784.25
2032-06-21	5.48	5.30	1.86	2.63	2.45	0.86	0.53	0.35	0.13	3.06	3.00	1.05	2.43	2.38	0.83	0.72	0.67	0.24	172.50	172.96	131.85	207.46	207.91	158.36	1023.32	1023.77	777.02
2032-06-22	4.68	4.53	1.76	2.25	2.10	0.82	0.45	0.30	0.12	2.61	2.56	0.99	2.08	2.03	0.79	0.62	0.58	0.22	166.02	165.34	126.00	200.98	200.30	152.51	1016.84	1016.16	771.17
2032-06-23	4.05	3.93	1.67	1.95	1.82	0.78	0.39	0.26	0.12	2.26	2.22	0.94	1.80	1.76	0.75	0.53	0.50	0.21	163.86	163.22	124.53	198.82	198.17	151.04	1014.68	1014.03	769.71
2032-06-24	3.57	3.46	1.59	1.72	1.60	0.74	0.34	0.23	0.11	1.99	1.96	0.90	1.59	1.55	0.71	0.47	0.44	0.20	162.25	162.00	123.30	197.21	196.96	149.81	1013.07	1012.82	768.48
2032-06-25	3.21	3.11	1.52	1.54	1.44	0.71	0.31	0.21	0.11	1.79	1.76	0.86	1.43	1.40	0.68	0.42	0.40	0.19	159.87	159.60	121.68	194.83	194.56	148.19	1010.69	1010.42	766.85
2032-06-26	2.92	2.83	1.46	1.40	1.31	0.68	0.28	0.19	0.11	1.63	1.60	0.82	1.30	1.27	0.65	0.38	0.36	0.18	158.23	158.00	120.53	193.19	192.96	147.04	1009.05	1008.82	765.71
2032-06-27	2.76	2.67	1.41	1.33	1.24	0.66	0.26	0.17	0.10	1.54	1.52	0.79	1.23	1.20	0.63	0.36	0.34	0.18	157.04	156.84	119.67	192.00	191.80	146.17	1007.86	1007.66	764.84
2032-06-28	2.67	2.58	1.36	1.28	1.19	0.64	0.26	0.17	0.10	1.49	1.46	0.76	1.19	1.16	0.61	0.35	0.33	0.17	156.14	155.96	118.99	191.10	190.92	145.50	1006.96	1006.78	764.17
2032-06-29	2.49	2.42	1.32	1.20	1.12	0.62	0.24	0.16	0.10	1.39	1.37	0.74	1.11	1.08	0.59	0.33	0.31	0.17	155.44	155.29	118.46	190.40	190.25	144.97	1006.26	1006.11	763.64
2032-06-30	2.31	2.24	1.27	1.11	1.04	0.60	0.22	0.15	0.09	1.29	1.26	0.72	1.02	1.00	0.57	0.30	0.28	0.16	154.89	154.75	118.03	189.85	189.71	144.54	1005.71	1005.57	763.20
2032-07-01	2.16	2.10	1.24	1.04	0.97	0.58	0.21	0.14	0.09	1.21	1.19	0.69	0.96	0.94	0.55	0.28	0.27	0.16	154.44	154.31	118.03	189.40	189.27	144.54	1005.26	1005.13	955.92
2032-07-02	2.04	1.98	1.21	0.98	0.92	0.57	0.20	0.14	0.09	1.14	1.12	0.68	0.91	0.89	0.54	0.27	0.25	0.15	154.07	153.96	118.03	189.03	188.91	144.54	1004.89	1004.77	955.62
2032-07-03	1.92	1.86	1.17	0.92	0.87	0.55	0.18	0.13	0.09	1.07	1.05	0.66	0.85	0.83	0.52	0.25	0.24	0.15	153.76	153.66	118.03	188.72	188.61	144.54	1004.58	1004.47	955.37
2032-07-04	1.89	1.83	1.17	0.91	0.85	0.55	0.18	0.12	0.09	1.05	1.04	0.66	0.84	0.82	0.52	0.25	0.23	0.15	153.62	153.52	118.03	188.58	188.47	144.54	1004.44	1004.33	955.23
2032-07-05	1.86	1.81	1.17	0.89	0.84	0.55	0.18	0.13	0.09	1.04	1.02	0.66	0.83	0.81	0.52	0.24	0.23	0.15	153.49	153.39	118.03	188.45	188.35	144.54	1004.31	1004.21	955.10
2032-07-06	1.76	1.71	1.14	0.85	0.80	0.53	0.17	0.12	0.09	0.98	0.97	0.64	0.78	0.77	0.51	0.23	0.22	0.14	153.27	153.18	118.03	188.23	188.14	144.54	1004.09	1004.00	954.92
2032-07-07	1.68	1.63	1.12	0.80	0.76	0.52	0.16	0.11	0.08	0.94	0.92	0.63	0.74	0.73	0.50	0.22	0.21	0.14	154.45	154.27	118.03	189.41	189.23	144.54	1005.27	1005.09	956.01
2032-07-08	1.67	1.62	1.12	0.80	0.75	0.52	0.16	0.11	0.08	0.93	0.91	0.63	0.74	0.73	0.50	0.22	0.21	0.14	157.07	156.78	118.03	192.03	191.73	144.54	1007.89	1007.59	958.45
2032-07-09	1.65	1.61	1.12	0.79	0.75	0.53	0.16	0.11	0.09	0.92	0.91	0.63	0.73	0.72	0.50	0.22	0.20	0.14	154.97	154.88	118.03	189.93	189.84	144.54	1005.79	1005.70	956.57
2032-07-10	1.58	1.54	1.10	0.76	0.72	0.51	0.15	0.11	0.08	0.88	0.87	0.61	0.70	0.69	0.49	0.21	0.19	0.14	154.51	154.38	118.03	189.47	189.34	144.54	1005.33	1005.20	956.12
2032-07-11	1.52	1.48	1.07	0.73	0.69	0.50	0.15	0.11	0.08	0.85	0.83	0.60	0.67	0.66	0.48	0.20	0.19	0.13	154.13	154.01	118.03	189.09	188.97	144.54	1004.95	1004.83	955.79
2032-07-12	1.46	1.42	1.05	0.70	0.66	0.49	0.14	0.10	0.08	0.81	0.80	0.59	0.65	0.63	0.47	0.19	0.18	0.13	153.81	153.70	118.03	188.77	188.66	144.54	1004.63	1004.52	955.52
2032-07-13	1.41	1.37	1.03	0.67	0.64	0.49	0.13	0.10	0.08	0.78	0.77	0.58	0.62	0.61	0.46	0.19	0.17	0.13	153.54	153.44	118.03	188.50	188.40	144.54	1004.36	1004.26	955.28
2032-07-14	1.36	1.32	1.02	0.65	0.62	0.48	0.13	0.10	0.08	0.76	0.74	0.57	0.60	0.59	0.45	0.18	0.17	0.13	153.31	153.22	118.03	188.27	188.18	144.54	1004.13	1004.04	955.08
2032-07-15	1.31	1.28	1.00	0.63	0.60	0.47	0.13	0.10	0.08	0.73	0.72	0.56	0.58	0.57	0.44	0.17	0.16	0.13	153.06	152.98	118.03	188.04	187.96	144.54	1003.83	1003.74	954.77
2032-07-16	1.28	1.25	0.98	0.61	0.58	0.46	0.12	0.09	0.08	0.71	0.70	0.55	0.57	0.55	0.44	0.17	0.16	0.12	152.79	152.71	118.03	187.77	187.69	144.54	1003.53	1003.44	954.46
2032-07-17	1.24	1.21	0.97	0.60	0.57	0.46	0.12	0.09	0.08	0.69	0.68	0.54	0.55	0.54	0.43	0.16	0.15	0.12	152.54	152.46	118.03	187.50	187.42	144.54	1003.23	1003.14	954.15
2032-07-18	1.21	1.18	0.96	0.58	0.55	0.45	0.12	0.09	0.08	0.67	0.66	0.53	0.54	0.53	0.42	0.16	0.15	0.12	152.29	152.21	118.03	187.23	187.15	144.54	1002.93	1002.84	953.84
2032-07-19	1.18	1.15	0.94	0.57	0.54	0.44	0.11	0.09	0.07	0.66	0.65	0.53	0.52	0.51	0.42	0.16	0.14	0.12	152.04	151.96	118.03	186.96	186.88	144.54	1002.63	1002.54	953.53
2032-07-20	1.20	1.17	0.96	0.58	0.55	0.45	0.11	0.09	0.07	0.67	0.66	0.54	0.53	0.52	0.42	0.16	0.15	0.12	151.79	151.71	118.03	186.69	186.61	144.54	1002.33	1002.24	953.22
2032-07-21	1.21	1.19	0.99	0.58	0.56	0.47	0.12	0.09	0.08	0.68	0.67	0.55	0.54	0.53	0.4												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032-08-20	0.95	0.94	0.84	0.46	0.44	0.40	0.09	0.08	0.07	0.53	0.52	0.47	0.42	0.41	0.37	0.13	0.12	0.10	31.35	31.30	29.09	42.91	42.86	39.82	242.41	242.36	224.83
2032-08-21	0.94	0.92	0.83	0.45	0.44	0.39	0.09	0.07	0.07	0.52	0.51	0.46	0.42	0.41	0.37	0.12	0.12	0.10	31.28	31.23	29.04	42.85	42.80	39.76	242.35	242.30	224.78
2032-08-22	0.93	0.91	0.83	0.45	0.43	0.39	0.09	0.07	0.07	0.52	0.51	0.46	0.41	0.40	0.37	0.12	0.11	0.10	31.22	31.17	28.99	42.79	42.74	39.71	242.29	242.24	224.73
2032-08-23	1.01	0.99	0.93	0.49	0.46	0.43	0.10	0.07	0.07	0.57	0.56	0.52	0.45	0.44	0.41	0.13	0.12	0.12	31.29	31.24	29.02	42.86	42.80	39.75	242.36	242.30	224.76
2032-08-24	1.28	1.24	1.12	0.62	0.58	0.52	0.12	0.08	0.08	0.72	0.70	0.63	0.57	0.56	0.50	0.17	0.16	0.14	32.05	31.95	29.48	43.62	43.52	40.20	243.12	243.02	225.22
2032-08-25	1.01	1.01	0.89	0.49	0.48	0.43	0.10	0.09	0.08	0.57	0.56	0.49	0.45	0.44	0.39	0.13	0.12	0.11	32.32	32.23	29.72	43.89	43.79	40.45	243.38	243.29	225.46
2032-08-26	1.00	0.98	0.87	0.48	0.46	0.41	0.10	0.08	0.07	0.56	0.55	0.49	0.44	0.43	0.39	0.13	0.12	0.11	31.76	31.71	29.35	43.33	43.28	40.08	242.83	242.77	225.09
2032-08-27	0.98	0.97	0.87	0.47	0.45	0.41	0.09	0.08	0.07	0.55	0.54	0.48	0.44	0.43	0.38	0.13	0.12	0.11	31.66	31.59	29.26	43.22	43.16	39.99	242.72	242.66	225.00
2032-08-28	0.97	0.95	0.86	0.47	0.45	0.41	0.09	0.08	0.07	0.54	0.53	0.48	0.43	0.42	0.38	0.13	0.12	0.11	31.56	31.50	29.19	43.13	43.07	39.92	242.62	242.57	224.93
2032-08-29	0.96	0.94	0.85	0.46	0.44	0.40	0.09	0.08	0.07	0.53	0.52	0.47	0.43	0.42	0.38	0.13	0.12	0.11	31.47	31.42	29.12	43.04	42.99	39.85	242.54	242.48	224.87
2032-08-30	0.95	0.93	0.85	0.45	0.44	0.40	0.09	0.08	0.07	0.53	0.52	0.47	0.42	0.41	0.37	0.12	0.12	0.11	31.40	31.35	29.07	42.96	42.91	39.79	242.46	242.41	224.81
2032-08-31	0.93	0.92	0.84	0.45	0.43	0.40	0.09	0.07	0.07	0.52	0.51	0.47	0.41	0.41	0.37	0.12	0.11	0.10	31.33	31.28	29.01	42.89	42.84	39.74	242.39	242.34	224.75
2032-09-01	0.92	0.91	0.83	0.44	0.43	0.39	0.09	0.07	0.07	0.52	0.51	0.46	0.41	0.40	0.37	0.12	0.11	0.10	31.26	31.21	31.11	42.83	42.78	42.68	242.33	242.28	242.32
2032-09-02	1.80	1.70	1.67	0.87	0.77	0.75	0.17	0.07	0.07	1.01	0.99	0.97	0.80	0.78	0.77	0.24	0.22	0.22	31.21	31.16	31.06	42.77	42.73	42.64	242.27	242.22	242.27
2032-09-03	3.11	2.96	2.90	1.49	1.34	1.32	0.30	0.14	0.14	1.74	1.71	1.67	1.38	1.35	1.33	0.41	0.38	0.38	31.15	31.11	31.02	42.72	42.67	42.60	242.22	242.17	242.23
2032-09-04	1.57	1.60	1.47	0.75	0.79	0.73	0.15	0.18	0.18	0.88	0.86	0.79	0.70	0.68	0.62	0.21	0.19	0.18	31.10	31.06	30.98	42.67	42.63	42.56	242.17	242.13	242.19
2032-09-05	1.51	1.47	1.35	0.72	0.69	0.63	0.14	0.11	0.10	0.84	0.83	0.76	0.67	0.66	0.60	0.20	0.19	0.17	31.19	31.14	31.06	42.76	42.71	42.63	242.26	242.21	242.27
2032-09-06	1.45	1.41	1.30	0.70	0.66	0.61	0.14	0.10	0.10	0.81	0.79	0.73	0.64	0.63	0.58	0.19	0.18	0.16	34.08	33.83	33.77	45.64	45.40	45.35	245.14	244.89	244.99
2032-09-07	1.40	1.36	1.27	0.67	0.64	0.59	0.13	0.10	0.09	0.78	0.77	0.71	0.62	0.61	0.56	0.18	0.17	0.16	37.65	37.31	37.26	49.22	48.88	48.83	248.72	248.38	248.47
2032-09-08	1.35	1.32	1.23	0.65	0.62	0.58	0.13	0.10	0.09	0.75	0.74	0.69	0.60	0.59	0.55	0.18	0.17	0.15	34.36	34.30	34.16	45.92	45.87	45.73	245.42	245.37	245.37
2032-09-09	1.31	1.28	1.20	0.63	0.60	0.56	0.13	0.10	0.09	0.73	0.72	0.67	0.58	0.57	0.53	0.17	0.16	0.15	33.86	33.72	33.61	45.42	45.29	45.18	244.92	244.79	244.82
2032-09-10	1.27	1.24	1.17	0.61	0.58	0.55	0.12	0.09	0.09	0.71	0.70	0.65	0.56	0.55	0.52	0.17	0.16	0.15	33.45	33.33	33.24	45.01	44.89	44.81	244.51	244.39	244.45
2032-09-11	1.26	1.23	1.16	0.61	0.58	0.54	0.12	0.09	0.09	0.71	0.69	0.65	0.56	0.55	0.52	0.17	0.16	0.15	33.11	33.00	32.93	44.67	44.57	44.50	244.17	244.06	244.14
2032-09-12	1.32	1.29	1.22	0.64	0.60	0.57	0.13	0.09	0.09	0.74	0.73	0.69	0.59	0.58	0.55	0.17	0.16	0.15	32.82	32.72	32.66	44.39	44.29	44.24	243.89	243.79	243.88
2032-09-13	2.01	1.91	1.90	0.96	0.87	0.86	0.19	0.10	0.09	1.12	1.10	1.09	0.89	0.87	0.87	0.26	0.25	0.25	32.58	32.49	32.44	44.15	44.05	44.01	243.64	243.55	243.65
2032-09-14	2.78	2.65	2.61	1.33	1.21	1.19	0.27	0.14	0.14	1.55	1.52	1.50	1.24	1.21	1.19	0.37	0.34	0.34	32.37	32.29	32.25	43.94	43.85	43.82	243.44	243.35	243.46
2032-09-15	2.17	2.13	2.05	1.04	1.00	0.97	0.21	0.17	0.17	1.21	1.19	1.14	0.96	0.94	0.90	0.29	0.27	0.26	20.73	20.66	20.62	29.46	29.38	29.35	162.31	162.23	162.29
2032-09-16	2.68	2.57	2.50	1.29	1.17	1.14	0.26	0.14	0.14	1.50	1.47	1.43	1.19	1.17	1.14	0.35	0.33	0.32	21.15	21.03	21.00	29.87	29.76	29.73	162.72	162.60	162.67
2032-09-17	3.24	3.13	3.07	1.55	1.44	1.42	0.31	0.20	0.20	1.81	1.77	1.74	1.44	1.41	1.38	0.43	0.40	0.39	23.39	23.14	23.16	32.12	31.87	31.89	164.96	164.72	164.83
2032-09-18	2.68	2.62	2.55	1.29	1.22	1.19	0.26	0.19	0.19	1.50	1.47	1.43	1.19	1.17	1.13	0.35	0.33	0.32	23.24	23.08	23.10	31.96	31.80	31.83	164.81	164.65	164.77
2032-09-19	2.47	2.39	2.33	1.18	1.11	1.08	0.24	0.16	0.16	1.38	1.35	1.32	1.10	1.07	1.05	0.32	0.30	0.30	22.33	22.22	22.21	31.06	30.94	30.94	163.90	163.79	163.88
2032-09-20	2.29	2.22	2.17	1.10	1.03	1.01	0.22	0.15	0.15	1.27	1.25	1.22	1.01	0.99	0.97	0.30	0.28	0.27	21.94	21.82	21.82	30.66	30.54	30.54	163.51	163.39	163.49
2032-09-21	2.13	2.07	2.03	1.02	0.96	0.94	0.20	0.14	0.14	1.19	1.17	1.14	0.95	0.93	0.91	0.28	0.26	0.26	22.00	21.87	21.87	30.73	30.59	30.60	163.57	163.44	163.54
2032-09-22	2.00	1.94	1.90	0.96	0.90	0.89	0.19	0.13	0.13	1.11	1.10	1.07	0.89	0.87	0.85	0.26	0.25	0.24	22.48	22.32	22.33	31.20	31.04	31.06	164.05	163.89	164.00
2032-09-23	1.88	1.83	1.80	0.90	0.85	0.84	0.18	0.13	0.13	1.05	1.03	1.01	0.84	0.82	0.80	0.25	0.23	0.23	23.71	23.47	23.52	32.43	32.20	32.25	165.28	165.05	165.19
2032-09-24	1.78	1.73	1.71	0.86	0.81	0.79	0.17	0.12	0.12	1.00	0.98	0.96	0.79	0.78	0.76	0.23	0.22	0.22	24.50	24.26	24.32	33.22	32.98	33.05	166.07	165.83	165.99
2032-09-25	1.84	1.78	1.75	0.88	0.82	0.81	0.18	0.12	0.12	1.02	1.01	0.99	0.82	0.80	0.79	0.24	0.23	0.22	23.59	23.43	23.47	32.32	32.16	32.20	165.16	165.00	165.14
2032-09-26	1.88	1.82	1.80	0.90	0.84	0.83	0.18	0.12	0.12	1.05	1.03	1.02	0.83	0.82	0.81	0.25	0.23	0.23	22.96	22.81	22.84	31.68	31.53	31.57	164.53	164.38	164.51
2032-09-27	1.78	1.73	1.71	0.85	0.80	0.79	0.17	0.12	0.12	0.99	0.97	0.96	0.79	0.77	0.76	0.23	0.22	0.22	26.26	25.86	26.00	34.99	34.59	34.73	167.84	167.43	167.67
2032-09-28	1.69	1.64	1.63	0.81	0.77	0.76	0.16	0.12	0.12	0.94	0.93	0.92	0.75	0.73	0.73	0.22	0.21	0.21	34.81	33.62	34.40	43.54	42.34	43.13	176.38	175.19	176.07
2032-09-29	1.61	1.57	1.55	0.77	0.73	0.72	0.15	0.11	0.11	0.90	0.88	0.88	0.72	0.70	0.69	0.21	0.20	0.20	31.70	30.74	31.90	40.42	39.46	40.63	173.27	172.31	173.57
2032-09-30	1.54	1.50	1.49	0.74	0.70	0.70	0.15	0.11	0.11	0.86	0.85	0.84	0.69	0.67	0.67	0.20	0.19	0.19	29.54	29.19	29.71	38.26	37.91	38.43	171.11	170.76	171.38
2032-10-01	1.56	1.52	1.52	0.75	0.71	0.71	0.15	0.11	0.10	0.87	0.86	0.86	0.69	0.68	0.68	0.21	0.19	0.19									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2032-10-30	2.24	2.16	2.27	1.07	1.00	1.05	0.21	0.14	0.15	1.25	1.22	1.28	0.99	0.97	1.02	0.29	0.27	0.29	18.84	18.79	19.22	27.01	26.95	27.58	137.98	137.93	141.19
2032-10-31	2.11	2.05	2.00	1.01	0.95	0.85	0.20	0.14	0.00	1.18	1.16	1.21	0.94	0.92	0.96	0.28	0.26	0.27	18.80	18.77	19.19	26.96	26.93	27.56	137.94	137.91	141.17
2032-11-01	1.99	1.92	1.87	0.95	0.89	0.79	0.19	0.13	0.00	1.11	1.09	1.13	0.88	0.86	0.90	0.26	0.24	0.25	18.76	18.71	18.93	26.92	26.88	27.19	137.89	137.85	139.44
2032-11-02	1.88	1.82	1.77	0.90	0.84	0.75	0.18	0.12	0.00	1.05	1.03	1.07	0.84	0.82	0.85	0.25	0.23	0.24	18.72	18.67	18.89	26.89	26.84	27.15	137.86	137.81	139.40
2032-11-03	1.79	1.73	1.71	0.86	0.80	0.74	0.17	0.12	0.03	1.00	0.98	1.02	0.79	0.78	0.81	0.24	0.22	0.23	18.68	18.63	18.85	26.85	26.80	27.11	137.82	137.77	139.36
2032-11-04	1.70	1.65	1.71	0.82	0.77	0.80	0.16	0.12	0.12	0.95	0.93	0.96	0.75	0.74	0.76	0.22	0.21	0.22	18.65	18.60	18.82	26.82	26.77	27.08	137.79	137.74	139.33
2032-11-05	1.63	1.59	1.64	0.78	0.74	0.76	0.16	0.11	0.11	0.91	0.89	0.92	0.72	0.71	0.73	0.21	0.20	0.21	18.62	18.57	18.79	26.79	26.74	27.05	137.76	137.71	139.29
2032-11-06	1.58	1.53	1.59	0.76	0.71	0.74	0.15	0.11	0.11	0.88	0.86	0.89	0.70	0.68	0.71	0.21	0.19	0.20	18.59	18.55	18.76	26.76	26.72	27.03	137.73	137.69	139.27
2032-11-07	1.52	1.48	1.53	0.73	0.69	0.71	0.15	0.11	0.11	0.85	0.83	0.86	0.67	0.66	0.68	0.20	0.19	0.19	18.57	18.52	18.74	26.74	26.70	27.01	137.70	137.66	139.25
2032-11-08	1.46	1.41	1.45	0.70	0.65	0.67	0.14	0.09	0.09	0.81	0.80	0.83	0.65	0.63	0.65	0.19	0.18	0.19	18.54	18.51	18.72	26.71	26.67	26.98	137.68	137.64	139.23
2032-11-09	1.41	1.35	1.39	0.68	0.62	0.64	0.13	0.08	0.08	0.79	0.77	0.79	0.63	0.61	0.63	0.19	0.17	0.18	18.52	18.48	18.69	26.69	26.65	26.95	137.66	137.62	139.20
2032-11-10	1.36	1.31	1.34	0.65	0.60	0.62	0.13	0.08	0.08	0.76	0.74	0.77	0.60	0.59	0.61	0.18	0.17	0.17	18.50	18.46	18.67	26.67	26.63	26.93	137.64	137.60	139.18
2032-11-11	1.32	1.27	1.30	0.63	0.58	0.60	0.13	0.08	0.08	0.73	0.72	0.74	0.58	0.57	0.59	0.17	0.16	0.17	18.48	18.44	18.65	26.65	26.61	26.91	137.62	137.58	139.16
2032-11-12	1.28	1.24	1.27	0.61	0.57	0.59	0.12	0.08	0.08	0.71	0.70	0.72	0.57	0.55	0.57	0.17	0.16	0.16	18.47	18.44	18.65	26.64	26.61	26.92	137.61	137.58	139.16
2032-11-13	1.24	1.20	1.23	0.60	0.56	0.57	0.12	0.08	0.08	0.69	0.68	0.70	0.55	0.54	0.55	0.16	0.15	0.16	18.48	18.47	18.69	26.65	26.63	26.95	137.62	137.61	139.19
2032-11-14	1.21	1.17	1.19	0.58	0.54	0.55	0.12	0.07	0.08	0.67	0.66	0.68	0.54	0.53	0.54	0.16	0.15	0.15	18.47	18.45	18.67	26.64	26.62	26.93	137.61	137.59	139.18
2032-11-15	1.18	1.14	1.16	0.57	0.52	0.53	0.11	0.07	0.07	0.66	0.65	0.66	0.52	0.51	0.52	0.16	0.14	0.15	18.64	18.60	18.82	27.30	27.27	27.59	123.14	123.11	124.53
2032-11-16	1.15	1.12	1.14	0.55	0.52	0.53	0.11	0.08	0.08	0.64	0.63	0.64	0.51	0.50	0.51	0.15	0.14	0.14	18.62	18.58	18.80	27.28	27.25	27.56	123.12	123.09	124.51
2032-11-17	1.13	1.09	1.11	0.54	0.51	0.52	0.11	0.07	0.08	0.63	0.62	0.63	0.50	0.49	0.50	0.15	0.14	0.14	18.60	18.56	18.78	27.27	27.23	27.55	123.11	123.07	124.49
2032-11-18	1.10	1.07	1.09	0.53	0.50	0.51	0.11	0.08	0.08	0.62	0.60	0.61	0.49	0.48	0.49	0.15	0.14	0.14	18.59	18.56	18.77	27.25	27.22	27.53	123.09	123.06	124.48
2032-11-19	1.08	1.05	1.07	0.52	0.49	0.50	0.10	0.07	0.08	0.60	0.59	0.60	0.48	0.47	0.48	0.14	0.13	0.13	18.57	18.54	18.75	27.24	27.20	27.52	123.08	123.04	124.46
2032-11-20	1.06	1.03	1.05	0.51	0.48	0.49	0.10	0.07	0.08	0.59	0.58	0.59	0.47	0.46	0.47	0.14	0.13	0.13	18.56	18.51	18.73	27.22	27.18	27.49	123.06	123.02	124.44
2032-11-21	1.04	1.02	1.03	0.50	0.47	0.48	0.10	0.07	0.08	0.58	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	18.55	18.50	18.71	27.21	27.16	27.48	123.05	123.01	124.42
2032-11-22	1.02	0.99	1.01	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.56	0.57	0.46	0.45	0.45	0.14	0.13	0.13	18.53	18.49	18.70	27.20	27.15	27.47	123.04	123.00	124.41
2032-11-23	1.02	0.99	1.01	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	18.52	18.48	18.69	27.18	27.15	27.46	123.03	122.99	124.40
2032-11-24	1.02	1.00	1.02	0.49	0.47	0.48	0.10	0.08	0.08	0.57	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	18.51	18.48	18.69	27.17	27.14	27.45	123.02	122.98	124.39
2032-11-25	1.00	0.98	1.00	0.48	0.46	0.46	0.10	0.07	0.07	0.56	0.55	0.56	0.45	0.44	0.44	0.13	0.12	0.13	18.50	18.47	18.68	27.16	27.13	27.44	123.01	122.97	124.38
2032-11-26	0.99	0.96	0.98	0.47	0.45	0.46	0.09	0.07	0.07	0.55	0.54	0.55	0.44	0.43	0.44	0.13	0.12	0.12	18.49	18.46	18.67	27.15	27.12	27.43	123.00	122.96	124.38
2032-11-27	0.98	0.95	0.97	0.47	0.44	0.45	0.09	0.07	0.07	0.55	0.54	0.54	0.43	0.42	0.43	0.13	0.12	0.12	18.48	18.45	18.66	27.14	27.11	27.42	122.99	122.95	124.36
2032-11-28	0.97	0.95	0.97	0.47	0.45	0.45	0.09	0.07	0.07	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.12	18.47	18.44	18.65	27.14	27.10	27.41	122.98	122.94	124.35
2032-11-29	0.96	0.94	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.12	18.46	18.43	18.64	27.13	27.10	27.40	122.97	122.94	124.35
2032-11-30	0.95	0.93	0.95	0.46	0.44	0.44	0.09	0.07	0.07	0.53	0.52	0.53	0.42	0.41	0.42	0.13	0.12	0.12	18.46	18.43	18.64	27.12	27.09	27.40	122.96	122.94	124.34
2032-12-01	0.94	0.92	0.93	0.45	0.43	0.44	0.09	0.07	0.07	0.52	0.52	0.52	0.42	0.41	0.42	0.12	0.12	0.12	18.45	18.42	18.49	27.11	27.09	27.18	122.95	122.93	123.32
2032-12-02	0.93	0.90	0.92	0.45	0.42	0.43	0.09	0.06	0.06	0.52	0.51	0.52	0.41	0.40	0.41	0.12	0.11	0.12	18.44	18.41	18.47	27.10	27.07	27.16	122.95	122.92	123.30
2032-12-03	0.92	0.89	0.91	0.44	0.41	0.42	0.09	0.06	0.06	0.51	0.50	0.51	0.41	0.40	0.40	0.12	0.11	0.11	18.43	18.40	18.46	27.10	27.06	27.15	122.94	122.90	123.29
2032-12-04	0.91	0.88	0.90	0.44	0.41	0.42	0.09	0.06	0.06	0.51	0.50	0.50	0.40	0.39	0.40	0.12	0.11	0.11	18.43	18.39	18.45	27.09	27.05	27.14	122.93	122.89	123.28
2032-12-05	0.90	0.87	0.88	0.43	0.41	0.41	0.09	0.06	0.06	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.11	18.42	18.38	18.44	27.08	27.04	27.13	122.93	122.88	123.27
2032-12-06	0.89	0.87	0.88	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	18.41	18.37	18.43	27.08	27.03	27.12	122.92	122.88	123.26
2032-12-07	0.88	0.86	0.87	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	18.41	18.36	18.42	27.07	27.03	27.11	122.91	122.87	123.25
2032-12-08	0.88	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.48	0.39	0.38	0.38	0.12	0.11	0.11	18.40	18.36	18.42	27.07	27.03	27.11	122.91	122.87	123.25
2032-12-09	0.87	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.48	0.48	0.48	0.39	0.38	0.38	0.11	0.11	0.11	18.40	18.37	18.42	27.07	27.03	27.11	122.91	122.87	123.25
2032-12-10	0.86	0.84	0.85	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	18.41	18.37	18.42	27.07	27.04	27.11	122.91	122.88	123.25
2032-12-11	0.85	0.83	0.84	0.41	0.39	0.39	0.08	0.06	0.06	0.48	0.47	0.47	0.38	0.37	0.38	0.11	0.10	0.11									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2033-01-09	0.79	0.77	0.78	0.38	0.36	0.36	0.08	0.05	0.05	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	13.94	13.90	13.97	20.17	20.12	20.19	83.99	83.95	83.99
2033-01-10	0.79	0.77	0.78	0.38	0.36	0.36	0.08	0.05	0.05	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	13.83	13.80	13.85	20.05	20.02	20.07	83.87	83.85	83.86
2033-01-11	0.79	0.77	0.77	0.38	0.35	0.36	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.64	13.62	13.61	19.86	19.84	19.83	83.68	83.66	83.63
2033-01-12	0.80	0.77	0.77	0.38	0.36	0.35	0.08	0.05	0.05	0.44	0.44	0.43	0.35	0.35	0.34	0.10	0.10	0.10	13.62	13.59	13.58	19.84	19.81	19.80	83.67	83.64	83.60
2033-01-13	0.80	0.78	0.77	0.38	0.36	0.36	0.08	0.06	0.06	0.44	0.44	0.43	0.35	0.35	0.34	0.10	0.10	0.10	13.62	13.59	13.58	19.84	19.81	19.80	83.67	83.64	83.60
2033-01-14	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.62	13.59	13.58	19.85	19.81	19.80	83.67	83.64	83.60
2033-01-15	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.51	16.42	16.39	16.38	69.60	69.57	69.54
2033-01-16	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.55	10.52	10.51	16.42	16.40	16.38	69.60	69.57	69.54
2033-01-17	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.51	16.42	16.40	16.39	69.60	69.58	69.54
2033-01-18	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.52	16.43	16.40	16.39	69.60	69.58	69.54
2033-01-19	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.55	10.53	10.52	16.43	16.40	16.39	69.60	69.58	69.55
2033-01-20	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.55
2033-01-21	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.55
2033-01-22	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.54
2033-01-23	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.55
2033-01-24	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.55
2033-01-25	0.81	0.80	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.53	16.43	16.41	16.40	69.61	69.59	69.55
2033-01-26	0.81	0.80	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.53	16.44	16.41	16.40	69.61	69.59	69.56
2033-01-27	0.81	0.80	0.79	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.53	16.44	16.41	16.40	69.61	69.59	69.56
2033-01-28	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.56
2033-01-29	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.56
2033-01-30	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.55
2033-01-31	0.81	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.56
2033-02-01	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.52	16.44	16.42	16.39	69.62	69.60	69.47
2033-02-02	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.56	16.44	16.42	16.42	69.62	69.60	69.51
2033-02-03	0.81	0.80	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.60	16.45	16.42	16.47	69.62	69.60	69.55
2033-02-04	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.53	16.45	16.42	16.39	69.62	69.60	69.48
2033-02-05	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.53	16.45	16.42	16.39	69.62	69.60	69.47
2033-02-06	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.45	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-07	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.35	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-08	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-09	0.82	0.81	0.84	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-10	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-11	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-12	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2033-02-13	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.58	10.56	10.57	16.45	16.43	16.44	69.63	69.61	69.52
2033-02-14	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.58	10.56	10.64	16.46	16.43	16.50	69.63	69.61	69.58
2033-02-15	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.50	10.48	10.46	15.39	15.36	15.33	65.48	65.46	65.35
2033-02-16	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.50	10.48	10.45	15.39	15.36	15.32	65.48	65.46	65.33
2033-02-17	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.45	15.39	15.36	15.32	65.49	65.46	65.34
2033-02-18	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.06	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.45	15.39	15.36	15.32	65.49	65.46	65.34
2033-02-19	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.45	15.39	15.36	15.32	65.49	65.46	65.34
2033-02-20	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.45	15.39	15.36	15.32	65.49	65.46	65.34

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2033-03-21	0.92	0.90	3.34	0.44	0.42	1.50	0.09	0.07	0.13	0.51	0.50	1.94	0.41	0.40	1.54	0.12	0.11	0.44	13.98	13.92	26.45	20.78	20.73	39.26	83.04	82.99	156.48
2033-03-22	0.86	0.85	4.26	0.41	0.40	1.93	0.08	0.07	0.20	0.48	0.47	2.46	0.38	0.37	1.95	0.11	0.11	0.55	13.92	13.87	26.14	20.72	20.67	38.95	82.98	82.93	156.17
2033-03-23	0.86	0.84	3.43	0.41	0.40	1.60	0.08	0.07	0.25	0.48	0.47	1.93	0.38	0.37	1.53	0.11	0.11	0.43	13.86	13.81	25.87	20.66	20.62	38.68	82.92	82.87	155.90
2033-03-24	0.97	0.96	3.90	0.47	0.45	1.79	0.09	0.08	0.23	0.54	0.53	2.22	0.43	0.42	1.77	0.13	0.12	0.50	13.81	13.76	25.65	20.61	20.57	38.46	82.87	82.82	155.67
2033-03-25	1.10	1.08	4.65	0.53	0.51	2.13	0.11	0.08	0.27	0.61	0.60	2.66	0.49	0.48	2.11	0.14	0.14	0.60	13.76	13.72	25.45	20.57	20.52	38.26	82.83	82.78	155.48
2033-03-26	0.91	0.90	4.44	0.43	0.43	2.07	0.09	0.08	0.32	0.51	0.50	2.49	0.40	0.39	1.98	0.12	0.11	0.56	13.72	13.68	25.28	20.53	20.48	38.09	82.78	82.74	155.31
2033-03-27	0.90	0.88	3.83	0.43	0.41	1.77	0.09	0.07	0.25	0.50	0.49	2.17	0.40	0.39	1.72	0.12	0.11	0.49	13.68	13.64	25.16	20.49	20.44	37.97	82.74	82.70	155.19
2033-03-28	0.89	0.87	3.38	0.43	0.41	1.56	0.09	0.07	0.22	0.50	0.49	1.92	0.39	0.39	1.52	0.12	0.11	0.43	13.66	13.62	25.28	20.46	20.42	38.09	82.72	82.68	155.31
2033-03-29	0.88	0.86	3.03	0.42	0.41	1.40	0.08	0.07	0.20	0.49	0.48	1.72	0.39	0.38	1.36	0.12	0.11	0.39	13.66	13.62	25.67	20.46	20.43	38.47	82.72	82.69	155.69
2033-03-30	0.87	0.86	2.91	0.42	0.40	1.34	0.08	0.07	0.18	0.49	0.48	1.66	0.39	0.38	1.31	0.11	0.11	0.37	13.69	13.66	26.03	20.50	20.46	38.84	82.75	82.72	156.06
2033-03-31	0.87	0.86	3.10	0.42	0.41	1.44	0.08	0.07	0.20	0.49	0.48	1.76	0.39	0.38	1.40	0.12	0.11	0.40	13.79	13.76	26.55	20.60	20.57	39.36	82.85	82.82	156.58
2033-04-01	1.06	1.04	3.95	0.51	0.49	1.81	0.10	0.08	0.22	0.59	0.58	2.26	0.47	0.46	1.79	0.14	0.13	0.51	14.16	14.11	32.87	20.97	20.92	48.59	83.22	83.17	192.45
2033-04-02	1.35	1.33	5.72	0.65	0.63	2.61	0.13	0.11	0.31	0.75	0.74	3.28	0.60	0.59	2.60	0.18	0.17	0.74	14.66	14.59	34.92	21.46	21.40	50.65	83.72	83.66	194.51
2033-04-03	1.15	1.16	6.46	0.55	0.56	2.97	0.11	0.12	0.39	0.64	0.63	3.68	0.51	0.50	2.92	0.15	0.14	0.83	14.78	14.72	35.94	21.58	21.53	51.66	83.84	83.78	195.52
2033-04-04	1.01	1.00	6.63	0.49	0.47	3.05	0.10	0.08	0.41	0.57	0.56	3.77	0.45	0.44	2.99	0.13	0.12	0.85	15.09	15.01	37.39	21.89	21.82	53.11	84.15	84.07	196.98
2033-04-05	1.00	0.98	6.76	0.48	0.46	3.11	0.10	0.08	0.41	0.56	0.55	3.85	0.44	0.43	3.06	0.13	0.12	0.87	16.06	15.93	39.74	22.86	22.74	55.47	85.12	84.99	199.33
2033-04-06	1.01	1.00	7.03	0.49	0.47	3.23	0.10	0.08	0.43	0.56	0.55	4.01	0.45	0.44	3.18	0.13	0.12	0.90	16.78	16.63	41.81	23.59	23.43	57.53	85.85	85.69	201.40
2033-04-07	1.10	1.09	7.28	0.53	0.52	3.36	0.11	0.10	0.46	0.61	0.60	4.14	0.49	0.48	3.28	0.14	0.14	0.93	16.74	16.62	41.67	23.54	23.42	57.39	85.80	85.68	201.26
2033-04-08	1.06	1.05	6.90	0.51	0.50	3.20	0.10	0.10	0.47	0.59	0.58	3.90	0.47	0.46	3.09	0.14	0.13	0.88	16.21	16.08	38.90	23.01	22.89	54.62	85.27	85.14	198.48
2033-04-09	1.04	1.02	6.62	0.50	0.48	3.05	0.10	0.08	0.41	0.58	0.57	3.77	0.46	0.45	2.99	0.14	0.13	0.85	15.85	15.74	38.39	22.66	22.54	54.11	84.92	84.80	197.98
2033-04-10	1.04	1.02	7.02	0.50	0.48	3.22	0.10	0.08	0.41	0.58	0.57	4.01	0.46	0.45	3.18	0.14	0.13	0.90	15.64	15.53	36.04	22.44	22.33	51.76	84.70	84.59	195.62
2033-04-11	1.04	1.02	7.08	0.50	0.48	3.26	0.10	0.08	0.45	0.58	0.57	4.02	0.46	0.45	3.19	0.14	0.13	0.91	15.45	15.34	36.06	22.25	22.15	51.78	84.51	84.40	195.65
2033-04-12	1.02	1.00	7.48	0.49	0.47	4.09	0.10	0.08	0.59	0.57	0.56	3.60	0.45	0.44	2.86	0.13	0.13	0.82	15.21	15.12	35.62	22.01	21.92	51.34	84.27	84.18	195.21
2033-04-13	1.00	0.98	4.98	0.48	0.46	2.12	0.10	0.08	0.00	0.56	0.55	3.02	0.45	0.44	2.39	0.13	0.12	0.68	15.01	14.92	36.21	21.81	21.73	51.93	84.07	83.98	195.80
2033-04-14	0.99	0.97	4.53	0.47	0.45	1.92	0.09	0.07	0.00	0.55	0.54	2.74	0.44	0.43	2.17	0.13	0.12	0.61	14.84	14.75	36.07	21.64	21.56	51.79	83.90	83.81	195.66
2033-04-15	0.97	0.96	4.33	0.47	0.45	1.84	0.09	0.08	0.00	0.54	0.53	2.62	0.43	0.42	2.08	0.13	0.12	0.59	27.66	27.58	65.01	39.15	39.07	91.54	163.29	163.21	378.42
2033-04-16	0.96	0.94	4.16	0.46	0.44	1.77	0.09	0.07	0.00	0.54	0.53	2.52	0.43	0.42	2.00	0.13	0.12	0.56	27.53	27.45	63.97	39.01	38.94	90.51	163.16	163.09	377.39
2033-04-17	0.95	0.94	4.15	0.46	0.45	1.83	0.09	0.08	0.11	0.53	0.52	2.45	0.42	0.41	1.94	0.13	0.12	0.55	27.41	27.34	62.95	38.89	38.82	89.49	163.04	162.97	376.37
2033-04-18	1.02	1.00	4.28	0.49	0.47	1.96	0.10	0.08	0.24	0.57	0.56	2.44	0.45	0.44	1.94	0.13	0.13	0.55	27.30	27.24	62.69	38.79	38.72	89.22	162.94	162.87	376.11
2033-04-19	1.40	1.38	4.29	0.67	0.65	1.96	0.13	0.11	0.24	0.78	0.77	2.45	0.62	0.61	1.95	0.18	0.17	0.55	27.42	27.35	62.86	38.91	38.84	89.40	163.06	162.98	376.28
2033-04-20	1.47	1.45	4.05	0.70	0.68	1.72	0.14	0.12	0.00	0.82	0.81	2.45	0.65	0.64	1.95	0.19	0.18	0.55	28.21	28.12	64.22	39.70	39.60	90.76	163.84	163.75	377.64
2033-04-21	2.20	2.13	4.48	1.06	0.99	2.01	0.21	0.14	0.18	1.23	1.21	2.60	0.98	0.96	2.07	0.29	0.27	0.58	28.22	28.14	64.60	39.70	39.62	91.14	163.85	163.77	378.02
2033-04-22	5.80	5.43	9.56	2.78	2.42	4.21	0.56	0.19	0.26	3.23	3.18	5.64	2.57	2.52	4.48	0.76	0.71	1.26	27.89	27.80	63.64	39.37	39.29	90.18	163.52	163.44	377.06
2033-04-23	10.35	10.72	16.04	4.97	5.34	7.73	0.99	1.37	1.58	5.77	5.67	8.77	4.60	4.50	6.95	1.36	1.27	1.97	27.72	27.64	62.79	39.21	39.13	89.32	163.36	163.28	376.21
2033-04-24	6.63	6.60	10.07	3.18	3.15	4.75	0.64	0.61	0.81	3.70	3.64	5.62	2.94	2.89	4.46	0.87	0.82	1.26	27.58	27.51	62.35	39.07	38.99	88.88	163.22	163.14	375.77
2033-04-25	5.82	5.65	7.83	2.80	2.62	3.63	0.56	0.38	0.53	3.25	3.19	4.43	2.59	2.53	3.51	0.77	0.72	1.00	27.63	27.56	62.16	39.12	39.04	88.70	163.27	163.19	375.58
2033-04-26	5.62	5.41	6.49	2.70	2.49	3.00	0.54	0.33	0.42	3.13	3.08	3.68	2.49	2.44	2.92	0.74	0.69	0.83	28.00	27.94	62.13	39.49	39.42	88.67	163.64	163.57	375.55
2033-04-27	6.00	5.85	5.63	2.88	2.73	2.60	0.57	0.43	0.36	3.35	3.29	3.20	2.66	2.61	2.54	0.79	0.74	0.72	28.80	28.70	62.21	40.28	40.19	88.75	164.43	164.33	375.63
2033-04-28	6.46	6.31	4.90	3.10	2.95	2.26	0.62	0.47	0.31	3.61	3.54	2.78	2.87	2.81	2.21	0.85	0.80	0.63	29.61	29.48	62.55	41.09	40.96	89.09	165.24	165.11	375.97
2033-04-29	6.89	6.65	4.25	3.31	3.07	1.96	0.66	0.42	0.27	3.85	3.78	2.41	3.06	3.00	1.91	0.91	0.85	0.54	29.59	29.49	62.61	41.08	40.98	89.15	165.23	165.13	376.03
2033-04-30	7.21	6.96	3.71	3.46	3.21	1.71	0.69	0.44	0.24	4.02	3.96	2.10	3.20	3.14	1.67	0.95	0.89	0.47	29.12	29.00	62.20	40.60	40.49	88.74	164.75	164.63	375.62
2033-05-01	7.48	7.22	3.29	3.59	3.33	1.52	0.72	0.46	0.21	4.17	4.10	1.87	3.32	3.25	1.48	0.98	0.92	0.42	28.78	28.66	62.09	40.26	40.15	27.70	164.41	164.29	107.80
2033-05-02	7.69	7.43	2.96	3.69	3.43	1.37	0.74	0.48	0.19	4.29	4.22	1.68	3.41	3.35	1.33	1.01	0.95	0.38	28.66	28.55	20.17	40.15	40.				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2033-05-31	10.75	10.44	10.14	5.16	4.85	4.71	1.03	0.72	0.70	6.00	5.89	5.72	4.78	4.68	4.54	1.42	1.32	1.29	102.40	102.22	67.11	131.85	131.67	86.11	647.61	647.42	418.88
2033-06-01	9.57	9.45	9.17	4.59	4.47	4.35	0.92	0.80	0.79	5.34	5.25	5.08	4.25	4.16	4.03	1.26	1.18	1.14	102.58	102.40	78.09	132.03	131.85	100.36	647.78	647.60	490.32
2033-06-02	7.43	7.21	7.02	3.57	3.35	3.26	0.71	0.49	0.48	4.14	4.07	3.97	3.30	3.23	3.15	0.98	0.92	0.89	102.02	101.88	77.68	131.47	131.33	99.95	647.22	647.08	489.91
2033-06-03	6.37	6.15	5.72	3.06	2.84	2.65	0.61	0.39	0.38	3.55	3.49	3.24	2.83	2.77	2.57	0.84	0.78	0.73	101.57	101.44	77.33	131.02	130.89	99.60	646.77	646.64	489.56
2033-06-04	5.58	5.38	4.81	2.68	2.48	2.23	0.53	0.34	0.32	3.11	3.06	2.72	2.48	2.43	2.16	0.73	0.69	0.61	101.20	101.08	77.04	130.65	130.53	99.31	646.40	646.28	489.27
2033-06-05	5.26	5.06	4.33	2.53	2.32	2.00	0.50	0.30	0.27	2.94	2.89	2.47	2.34	2.29	1.96	0.69	0.65	0.55	100.89	100.78	76.79	130.34	130.23	99.06	646.09	645.98	489.02
2033-06-06	4.97	4.79	3.97	2.39	2.20	1.83	0.48	0.29	0.25	2.77	2.73	2.25	2.21	2.16	1.79	0.66	0.61	0.51	100.62	100.52	76.58	130.07	129.97	98.84	645.83	645.73	488.80
2033-06-07	4.28	4.13	3.50	2.05	1.91	1.62	0.41	0.27	0.23	2.39	2.34	1.98	1.90	1.86	1.57	0.56	0.53	0.45	100.40	100.31	76.39	129.85	129.76	98.66	645.60	645.51	488.62
2033-06-08	3.75	3.62	3.12	1.80	1.67	1.44	0.36	0.23	0.20	2.09	2.05	1.77	1.66	1.63	1.40	0.49	0.46	0.40	100.21	100.12	76.23	129.66	129.57	98.50	645.41	645.32	488.46
2033-06-09	4.28	4.08	3.29	2.06	1.85	1.50	0.41	0.21	0.18	2.39	2.35	1.88	1.90	1.86	1.49	0.56	0.53	0.42	100.04	99.96	76.10	129.49	129.41	98.36	645.24	645.16	488.32
2033-06-10	4.96	4.74	3.45	2.38	2.16	1.58	0.48	0.25	0.20	2.77	2.72	1.97	2.20	2.16	1.56	0.65	0.61	0.44	99.89	99.82	75.97	129.34	129.27	98.24	645.10	645.02	488.20
2033-06-11	4.09	3.96	3.10	1.96	1.84	1.43	0.39	0.27	0.20	2.28	2.24	1.76	1.81	1.78	1.40	0.54	0.50	0.40	99.78	99.71	75.86	129.23	129.16	98.13	644.98	644.91	488.09
2033-06-12	3.92	3.76	2.89	1.88	1.73	1.33	0.38	0.22	0.18	2.18	2.15	1.64	1.74	1.70	1.30	0.52	0.48	0.37	99.68	99.61	75.77	129.13	129.06	98.04	644.88	644.82	488.00
2033-06-13	3.75	3.61	2.72	1.80	1.66	1.26	0.36	0.22	0.18	2.09	2.05	1.54	1.66	1.63	1.22	0.49	0.46	0.35	99.59	99.52	75.68	129.04	128.97	97.95	644.79	644.73	487.91
2033-06-14	7.02	6.56	4.33	3.37	2.91	1.93	0.67	0.21	0.16	3.92	3.85	2.52	3.12	3.05	2.00	0.93	0.86	0.57	99.51	99.45	75.60	128.96	128.90	97.87	644.71	644.65	487.83
2033-06-15	11.97	11.47	7.34	5.75	5.25	3.34	1.15	0.65	0.38	6.68	6.56	4.22	5.32	5.21	3.35	1.58	1.47	0.95	152.30	152.24	115.52	187.26	187.20	141.95	1003.12	1003.06	758.82
2033-06-16	7.49	7.38	5.00	3.60	3.49	2.35	0.72	0.61	0.40	4.18	4.11	2.79	3.33	3.26	2.21	0.99	0.93	0.63	152.22	152.17	115.45	187.18	187.13	141.88	1003.04	1002.99	758.76
2033-06-17	6.07	5.88	4.22	2.91	2.72	1.95	0.58	0.39	0.27	3.39	3.33	2.39	2.70	2.64	1.90	0.80	0.75	0.54	152.15	152.10	115.39	187.11	187.06	141.83	1002.97	1002.92	758.70
2033-06-18	5.08	4.91	3.68	2.44	2.27	1.70	0.49	0.32	0.24	2.83	2.78	2.09	2.26	2.21	1.66	0.67	0.63	0.47	152.09	152.04	115.34	187.05	187.00	141.77	1002.91	1002.86	758.65
2033-06-19	4.36	4.21	3.27	2.09	1.95	1.51	0.42	0.28	0.21	2.43	2.39	1.85	1.93	1.89	1.47	0.57	0.54	0.42	174.75	173.14	128.78	209.71	208.10	155.21	1025.57	1023.96	772.08
2033-06-20	3.81	3.68	2.94	1.83	1.70	1.36	0.36	0.24	0.19	2.12	2.09	1.67	1.69	1.66	1.32	0.50	0.47	0.37	230.52	227.81	161.98	265.48	262.77	188.41	1081.34	1078.63	805.29
2033-06-21	3.97	3.81	2.94	1.91	1.74	1.35	0.38	0.21	0.17	2.22	2.18	1.67	1.76	1.73	1.33	0.52	0.49	0.38	186.01	185.60	138.67	220.97	220.56	165.10	1036.83	1036.42	781.98
2033-06-22	4.08	3.92	2.93	1.96	1.80	1.35	0.39	0.23	0.18	2.27	2.23	1.67	1.81	1.77	1.32	0.54	0.50	0.37	172.50	172.95	131.49	207.46	207.91	157.92	1023.32	1023.77	774.79
2033-06-23	3.59	3.47	2.67	1.72	1.61	1.24	0.34	0.23	0.17	2.00	1.97	1.52	1.59	1.56	1.20	0.47	0.44	0.34	166.02	165.22	125.69	200.98	200.18	152.13	1016.84	1016.04	769.00
2033-06-24	3.21	3.10	2.45	1.54	1.43	1.13	0.31	0.20	0.16	1.79	1.76	1.39	1.42	1.40	1.10	0.42	0.40	0.31	163.86	163.26	124.15	198.82	198.22	150.58	1014.68	1014.08	767.46
2033-06-25	3.04	2.93	2.28	1.46	1.35	1.05	0.29	0.18	0.15	1.69	1.66	1.29	1.35	1.32	1.02	0.40	0.37	0.29	162.25	161.99	122.95	197.21	196.95	149.38	1013.07	1012.81	766.25
2033-06-26	2.88	2.78	2.13	1.38	1.28	0.99	0.28	0.18	0.14	1.61	1.58	1.20	1.28	1.25	0.96	0.38	0.35	0.27	159.87	159.59	121.33	194.83	194.55	147.76	1010.69	1010.41	764.63
2033-06-27	2.63	2.54	1.99	1.26	1.18	0.92	0.25	0.17	0.13	1.47	1.44	1.13	1.17	1.14	0.89	0.35	0.32	0.25	158.23	157.99	120.18	193.19	192.95	146.62	1009.05	1008.81	763.49
2033-06-28	2.42	2.34	1.87	1.16	1.09	0.87	0.23	0.15	0.13	1.35	1.33	1.06	1.08	1.05	0.84	0.32	0.30	0.24	157.04	156.83	119.32	192.00	191.79	145.76	1007.86	1007.65	762.63
2033-06-29	2.25	2.18	1.77	1.08	1.01	0.82	0.22	0.14	0.12	1.25	1.23	1.00	1.00	0.98	0.79	0.30	0.28	0.22	156.14	155.96	118.65	191.10	190.92	145.09	1006.96	1006.78	761.96
2033-06-30	2.10	2.03	1.68	1.01	0.94	0.78	0.20	0.13	0.11	1.17	1.15	0.95	0.93	0.91	0.75	0.28	0.26	0.21	155.44	155.28	118.12	190.40	190.24	144.55	1006.26	1006.10	761.43
2033-07-01	1.97	1.91	1.60	0.95	0.88	0.74	0.19	0.13	0.11	1.10	1.08	0.90	0.87	0.86	0.72	0.26	0.24	0.20	154.89	154.74	118.12	189.85	189.70	144.55	1006.26	1006.10	761.43
2033-07-02	1.86	1.80	1.53	0.89	0.84	0.71	0.18	0.12	0.11	1.04	1.02	0.87	0.83	0.81	0.69	0.24	0.23	0.19	154.44	154.31	118.12	189.40	189.27	144.55	1005.26	1005.13	761.43
2033-07-03	1.76	1.71	1.47	0.85	0.79	0.68	0.17	0.12	0.10	0.98	0.97	0.83	0.78	0.77	0.66	0.23	0.22	0.19	154.07	153.95	118.12	189.03	188.91	144.55	1004.89	1004.77	761.43
2033-07-04	1.68	1.63	1.41	0.80	0.75	0.66	0.16	0.11	0.10	0.94	0.92	0.80	0.74	0.73	0.63	0.22	0.21	0.18	153.76	153.65	118.12	188.72	188.61	144.55	1004.58	1004.47	761.43
2033-07-05	1.60	1.55	1.37	0.77	0.72	0.64	0.15	0.11	0.10	0.89	0.88	0.77	0.71	0.70	0.61	0.21	0.20	0.17	153.62	153.51	118.12	188.58	188.47	144.55	1004.44	1004.33	761.43
2033-07-06	1.53	1.49	1.32	0.74	0.69	0.61	0.15	0.10	0.09	0.86	0.84	0.74	0.68	0.67	0.59	0.20	0.19	0.17	153.49	153.39	118.12	188.45	188.35	144.55	1004.31	1004.21	761.43
2033-07-07	1.47	1.43	1.28	0.71	0.67	0.59	0.14	0.10	0.09	0.82	0.81	0.72	0.65	0.64	0.57	0.19	0.18	0.16	153.27	153.17	118.12	188.23	188.13	144.55	1004.09	1003.99	761.43
2033-07-08	1.42	1.38	1.24	0.68	0.64	0.58	0.14	0.10	0.09	0.79	0.78	0.70	0.63	0.62	0.55	0.19	0.17	0.16	153.15	153.05	118.12	188.11	188.01	144.55	1003.87	1003.77	761.43
2033-07-09	1.38	1.34	1.21	0.66	0.62	0.56	0.13	0.09	0.09	0.77	0.76	0.68	0.61	0.60	0.54	0.18	0.17	0.15	153.07	152.97	118.12	188.03	187.93	144.55	1003.75	1003.65	761.43
2033-07-10	1.35	1.31	1.18	0.65	0.61	0.55	0.13	0.09	0.09	0.75	0.74	0.66	0.60	0.59	0.52	0.18	0.17	0.15	152.97	152.87	118.12	187.93	187.83	144.55	1003.63	1003.53	761.43
2033-07-11	1.31	1.28	1.15	0.63	0.60	0.54	0.13	0.09	0.09	0.73	0.72	0.64	0.58	0.57	0.51	0.17	0.16	0.14	152.87								

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2033-08-10	1.44	1.40	1.28	0.69	0.65	0.60	0.14	0.10	0.09	0.80	0.79	0.72	0.64	0.63	0.57	0.19	0.18	0.16	65.27	65.16	57.45	85.64	85.54	75.42	510.85	510.74	450.62
2033-08-11	1.39	1.35	1.24	0.67	0.63	0.58	0.13	0.10	0.09	0.78	0.76	0.70	0.62	0.60	0.56	0.18	0.17	0.16	65.02	64.92	57.27	85.39	85.30	75.25	510.60	510.50	450.45
2033-08-12	1.34	1.31	1.21	0.65	0.61	0.56	0.13	0.09	0.09	0.75	0.74	0.68	0.60	0.58	0.54	0.18	0.17	0.15	64.80	64.71	57.11	85.18	85.09	75.09	510.38	510.29	450.29
2033-08-13	1.34	1.30	1.19	0.64	0.61	0.56	0.13	0.09	0.09	0.75	0.74	0.67	0.60	0.58	0.53	0.18	0.17	0.15	64.62	64.53	56.98	84.99	84.91	74.96	510.19	510.11	450.16
2033-08-14	1.34	1.30	1.18	0.64	0.61	0.55	0.13	0.09	0.09	0.75	0.73	0.66	0.59	0.58	0.53	0.18	0.16	0.15	64.46	64.38	56.86	84.83	84.75	74.84	510.03	509.95	450.04
2033-08-15	1.29	1.26	1.15	0.62	0.59	0.54	0.12	0.09	0.08	0.72	0.71	0.65	0.58	0.56	0.51	0.17	0.16	0.15	30.07	29.99	26.53	40.94	40.86	36.13	225.79	225.72	199.24
2033-08-16	1.28	1.25	1.13	0.62	0.58	0.53	0.12	0.09	0.08	0.71	0.70	0.64	0.57	0.56	0.50	0.17	0.16	0.14	29.94	29.87	26.44	40.81	40.74	36.03	225.66	225.59	199.14
2033-08-17	1.27	1.24	1.12	0.61	0.58	0.52	0.12	0.09	0.09	0.71	0.69	0.63	0.56	0.55	0.50	0.17	0.16	0.14	29.83	29.76	26.35	40.70	40.64	35.95	225.55	225.49	199.06
2033-08-18	1.23	1.20	1.09	0.59	0.56	0.51	0.12	0.09	0.08	0.69	0.68	0.61	0.55	0.54	0.49	0.16	0.15	0.14	29.73	29.67	26.28	40.60	40.54	35.87	225.45	225.39	198.98
2033-08-19	1.20	1.17	1.07	0.58	0.55	0.50	0.12	0.09	0.08	0.67	0.66	0.60	0.53	0.52	0.48	0.16	0.15	0.13	29.64	29.58	26.21	40.51	40.45	35.80	225.37	225.31	198.91
2033-08-20	1.17	1.14	1.05	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.59	0.52	0.51	0.47	0.15	0.14	0.13	29.56	29.51	26.15	40.43	40.38	35.74	225.29	225.23	198.85
2033-08-21	1.14	1.12	1.03	0.55	0.52	0.48	0.11	0.08	0.08	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	29.49	29.44	26.09	40.36	40.31	35.68	225.21	225.16	198.80
2033-08-22	1.20	1.17	1.06	0.58	0.54	0.50	0.12	0.08	0.08	0.67	0.66	0.60	0.53	0.52	0.47	0.16	0.15	0.13	29.43	29.37	26.04	40.30	40.25	35.63	225.15	225.10	198.74
2033-08-23	1.41	1.37	1.18	0.68	0.63	0.55	0.14	0.09	0.08	0.79	0.77	0.67	0.63	0.61	0.53	0.19	0.17	0.15	29.37	29.32	25.99	40.24	40.19	35.58	225.09	225.04	198.70
2033-08-24	1.26	1.24	1.10	0.61	0.58	0.52	0.12	0.10	0.09	0.71	0.69	0.61	0.56	0.55	0.49	0.17	0.16	0.14	29.44	29.38	26.02	40.31	40.25	35.62	225.16	225.10	198.73
2033-08-25	1.23	1.20	1.07	0.59	0.56	0.50	0.12	0.09	0.08	0.69	0.67	0.60	0.55	0.53	0.48	0.16	0.15	0.13	30.20	30.10	26.50	41.07	40.97	36.09	225.92	225.82	199.20
2033-08-26	1.20	1.17	1.05	0.58	0.55	0.49	0.11	0.09	0.08	0.67	0.66	0.59	0.53	0.52	0.47	0.16	0.15	0.13	30.47	30.37	26.74	41.34	41.25	36.33	226.19	226.10	199.44
2033-08-27	1.17	1.14	1.03	0.56	0.53	0.48	0.11	0.08	0.08	0.65	0.64	0.58	0.52	0.51	0.46	0.15	0.14	0.13	29.91	29.85	26.35	40.78	40.73	35.95	225.63	225.58	199.06
2033-08-28	1.14	1.12	1.01	0.55	0.52	0.47	0.11	0.08	0.08	0.64	0.63	0.57	0.51	0.50	0.45	0.15	0.14	0.13	29.80	29.74	26.27	40.67	40.61	35.86	225.52	225.46	198.97
2033-08-29	1.12	1.09	1.00	0.54	0.51	0.47	0.11	0.08	0.08	0.62	0.61	0.56	0.50	0.49	0.44	0.15	0.14	0.13	29.71	29.64	26.20	40.58	40.52	35.79	225.43	225.37	198.90
2033-08-30	1.09	1.07	0.98	0.53	0.50	0.46	0.10	0.08	0.08	0.61	0.60	0.55	0.49	0.48	0.44	0.14	0.13	0.12	29.62	29.56	26.14	40.49	40.43	35.73	225.34	225.29	198.84
2033-08-31	1.07	1.05	0.97	0.52	0.49	0.45	0.10	0.08	0.07	0.60	0.59	0.54	0.48	0.47	0.43	0.14	0.13	0.12	29.54	29.49	26.08	40.41	40.36	35.68	225.27	225.21	198.79
2033-09-01	1.05	1.03	0.95	0.51	0.48	0.45	0.10	0.08	0.07	0.59	0.58	0.53	0.47	0.46	0.42	0.14	0.13	0.12	29.47	29.42	26.02	40.34	40.29	35.62	225.20	225.14	198.74
2033-09-02	1.04	1.01	0.94	0.50	0.48	0.44	0.10	0.08	0.07	0.58	0.57	0.53	0.46	0.45	0.42	0.14	0.13	0.12	29.41	29.36	25.99	40.28	40.23	35.62	225.13	225.08	198.70
2033-09-03	1.02	1.00	0.93	0.49	0.47	0.44	0.10	0.08	0.07	0.57	0.56	0.52	0.45	0.44	0.41	0.13	0.13	0.12	29.35	29.30	25.94	40.22	40.17	35.62	225.07	225.02	198.66
2033-09-04	1.00	0.98	0.92	0.48	0.46	0.43	0.10	0.08	0.07	0.56	0.55	0.51	0.45	0.44	0.41	0.13	0.12	0.12	29.30	29.25	25.90	40.17	40.12	35.62	225.02	224.97	198.62
2033-09-05	0.99	0.97	0.91	0.47	0.45	0.43	0.09	0.07	0.07	0.55	0.54	0.51	0.44	0.43	0.40	0.13	0.12	0.11	29.25	29.20	25.87	40.12	40.07	35.62	224.97	224.93	198.58
2033-09-06	0.97	0.95	0.90	0.47	0.45	0.42	0.09	0.07	0.07	0.54	0.53	0.50	0.43	0.42	0.40	0.13	0.12	0.11	29.34	29.28	25.85	40.21	40.16	35.62	225.06	225.01	198.54
2033-09-07	0.96	0.94	0.89	0.46	0.44	0.42	0.09	0.07	0.07	0.54	0.53	0.50	0.43	0.42	0.39	0.13	0.12	0.11	32.23	31.98	26.15	43.10	42.85	36.33	227.95	227.70	199.47
2033-09-08	0.95	0.93	0.88	0.46	0.44	0.41	0.09	0.07	0.07	0.53	0.52	0.49	0.42	0.41	0.39	0.12	0.12	0.11	35.81	35.47	26.39	46.68	46.34	36.33	231.54	231.19	200.97
2033-09-09	0.94	0.92	0.87	0.45	0.43	0.41	0.09	0.07	0.07	0.52	0.51	0.49	0.42	0.41	0.39	0.12	0.12	0.11	32.52	32.45	26.26	43.39	43.32	36.33	228.24	228.18	200.85
2033-09-10	0.93	0.91	0.87	0.44	0.43	0.41	0.09	0.07	0.07	0.52	0.51	0.48	0.41	0.40	0.38	0.12	0.11	0.11	32.01	31.87	26.17	42.88	42.75	36.33	227.74	227.60	199.30
2033-09-11	0.92	0.90	0.86	0.44	0.42	0.41	0.09	0.07	0.07	0.51	0.50	0.48	0.41	0.40	0.38	0.12	0.11	0.11	31.60	31.48	26.14	42.47	42.35	36.33	227.32	227.20	199.22
2033-09-12	0.91	0.89	0.85	0.44	0.42	0.40	0.09	0.07	0.07	0.51	0.50	0.47	0.40	0.39	0.38	0.12	0.11	0.11	31.26	31.15	26.10	42.13	42.02	36.33	226.98	226.87	199.14
2033-09-13	0.90	0.88	0.85	0.43	0.42	0.40	0.09	0.07	0.07	0.50	0.49	0.47	0.40	0.39	0.37	0.12	0.11	0.11	30.97	30.87	26.06	41.84	41.74	36.33	226.69	226.59	199.05
2033-09-14	0.89	0.87	0.84	0.43	0.41	0.40	0.09	0.07	0.07	0.50	0.49	0.47	0.39	0.39	0.37	0.12	0.11	0.10	30.73	30.63	26.04	41.60	41.50	36.33	226.45	226.36	199.01
2033-09-15	0.88	0.87	0.83	0.42	0.41	0.39	0.08	0.07	0.07	0.49	0.48	0.46	0.39	0.38	0.37	0.12	0.11	0.10	20.92	20.83	26.06	29.64	29.56	36.33	162.49	162.40	162.23
2033-09-16	1.42	1.35	1.35	0.68	0.61	0.61	0.14	0.07	0.07	0.79	0.78	0.78	0.63	0.62	0.62	0.19	0.17	0.17	20.74	20.66	20.59	29.46	29.38	29.31	162.31	162.23	162.06
2033-09-17	2.49	2.36	2.36	1.20	1.06	1.07	0.24	0.11	0.11	1.39	1.36	1.37	1.11	1.08	1.09	0.33	0.31	0.31	21.15	21.04	20.98	29.88	29.76	29.69	162.72	162.61	162.45
2033-09-18	2.01	1.97	1.96	0.97	0.93	0.92	0.19	0.15	0.15	1.12	1.10	1.09	0.89	0.88	0.87	0.26	0.25	0.25	23.41	23.16	23.17	32.13	31.88	31.89	164.98	164.73	164.64
2033-09-19	1.83	1.79	1.77	0.88	0.84	0.83	0.18	0.13	0.13	1.02	1.01	0.99	0.81	0.80	0.79	0.24	0.23	0.22	23.26	23.09	23.11	31.98	31.81	31.82	164.83	164.66	164.58
2033-09-20	1.61	1.58	1.53	0.77	0.74	0.72	0.15	0.12	0.12	0.90	0.88	0.86	0.72	0.70	0.68	0.21	0.20	0.19	22.35	22.22	22.21	31.07	30.95	30.92	163.92	163.79	163.68
2033-09-21	1.57	1.53	1.49	0.76	0.71	0.69	0.15	0.11	0.10	0.88	0.86	0.84	0.70	0.68	0.67	0.21	0.19	0.19									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2033-10-20	1.09	1.06	1.09	0.52	0.50	0.51	0.10	0.08	0.08	0.61	0.60	0.61	0.48	0.47	0.49	0.14	0.13	0.14	19.49	19.38	19.94	27.66	27.55	28.39	138.63	138.52	143.12
2033-10-21	1.07	1.13	1.08	0.51	0.57	0.51	0.10	0.16	0.08	0.59	0.58	0.60	0.47	0.46	0.48	0.14	0.13	0.13	19.39	19.32	19.84	27.56	27.49	28.28	138.53	138.46	143.02
2033-10-22	1.05	0.95	1.12	0.50	0.40	0.56	0.10	0.00	0.15	0.58	0.57	0.59	0.46	0.45	0.47	0.14	0.13	0.13	19.29	19.23	19.83	27.46	27.40	28.28	138.43	138.37	143.01
2033-10-23	1.03	0.98	0.95	0.49	0.44	0.41	0.10	0.05	0.00	0.57	0.56	0.58	0.46	0.45	0.46	0.14	0.13	0.13	19.21	19.15	19.76	27.37	27.32	28.21	138.35	138.29	142.94
2033-10-24	1.01	0.99	1.00	0.49	0.47	0.46	0.10	0.08	0.06	0.56	0.55	0.57	0.45	0.44	0.45	0.13	0.12	0.13	19.13	19.08	19.69	27.30	27.24	28.13	138.27	138.21	142.86
2033-10-25	1.00	0.98	1.00	0.48	0.46	0.47	0.10	0.08	0.07	0.56	0.55	0.56	0.44	0.43	0.44	0.13	0.12	0.13	19.06	19.01	19.62	27.23	27.18	28.06	138.20	138.15	142.79
2033-10-26	0.98	0.97	0.99	0.47	0.45	0.46	0.09	0.08	0.08	0.55	0.54	0.55	0.44	0.43	0.44	0.13	0.12	0.12	19.07	19.01	19.63	27.23	27.18	28.07	138.21	138.15	142.81
2033-10-27	0.99	0.97	1.00	0.48	0.46	0.47	0.10	0.08	0.08	0.55	0.54	0.56	0.44	0.43	0.44	0.13	0.12	0.13	19.07	19.02	19.64	27.24	27.18	28.09	138.21	138.16	142.82
2033-10-28	1.00	0.98	1.01	0.48	0.46	0.48	0.10	0.08	0.08	0.56	0.55	0.57	0.44	0.43	0.45	0.13	0.12	0.13	19.00	18.95	19.57	27.17	27.12	28.02	138.14	138.09	142.75
2033-10-29	0.98	0.96	0.99	0.47	0.45	0.46	0.09	0.07	0.07	0.55	0.54	0.56	0.44	0.43	0.44	0.13	0.12	0.12	18.95	18.88	19.50	27.11	27.05	27.94	138.08	138.02	142.68
2033-10-30	0.97	0.94	0.97	0.47	0.44	0.45	0.09	0.07	0.07	0.54	0.53	0.55	0.43	0.42	0.43	0.13	0.12	0.12	18.89	18.83	19.45	27.06	27.00	27.89	138.03	137.97	142.62
2033-10-31	0.96	0.94	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.53	0.52	0.54	0.42	0.42	0.43	0.13	0.12	0.12	18.84	18.79	19.40	27.01	26.96	27.84	137.98	137.93	142.58
2033-11-01	0.94	0.92	0.95	0.45	0.43	0.44	0.09	0.07	0.07	0.53	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	18.80	18.77	19.03	26.97	26.94	27.31	137.94	137.91	139.83
2033-11-02	0.93	0.91	0.94	0.45	0.43	0.44	0.09	0.07	0.07	0.52	0.51	0.53	0.41	0.41	0.42	0.12	0.11	0.12	18.76	18.71	18.98	26.93	26.88	27.26	137.90	137.85	139.77
2033-11-03	0.92	0.91	0.93	0.44	0.43	0.44	0.09	0.07	0.07	0.52	0.51	0.52	0.41	0.40	0.41	0.12	0.11	0.12	18.72	18.68	18.94	26.89	26.84	27.22	137.86	137.81	139.73
2033-11-04	0.91	0.90	0.92	0.44	0.42	0.43	0.09	0.07	0.07	0.51	0.50	0.51	0.41	0.40	0.41	0.12	0.11	0.11	18.68	18.63	18.90	26.85	26.80	27.18	137.82	137.77	139.69
2033-11-05	0.90	0.88	0.90	0.43	0.41	0.42	0.09	0.07	0.07	0.50	0.50	0.51	0.40	0.39	0.40	0.12	0.11	0.11	18.65	18.60	18.86	26.82	26.77	27.14	137.79	137.74	139.66
2033-11-06	0.89	0.88	0.90	0.43	0.41	0.42	0.09	0.07	0.07	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.11	18.62	18.57	18.83	26.79	26.74	27.11	137.76	137.71	139.63
2033-11-07	0.89	0.86	0.88	0.43	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.50	0.39	0.39	0.39	0.12	0.11	0.11	18.59	18.55	18.81	26.76	26.72	27.09	137.73	137.69	139.60
2033-11-08	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	18.57	18.53	18.78	26.74	26.69	27.06	137.71	137.66	139.58
2033-11-09	0.87	0.84	0.86	0.42	0.39	0.40	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	18.54	18.51	18.76	26.71	26.67	27.04	137.68	137.64	139.55
2033-11-10	0.86	0.84	0.86	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.38	0.38	0.11	0.11	0.11	18.52	18.48	18.73	26.69	26.65	27.01	137.66	137.62	139.53
2033-11-11	0.95	0.93	0.96	0.46	0.43	0.45	0.09	0.07	0.07	0.53	0.52	0.54	0.42	0.41	0.43	0.13	0.12	0.12	18.50	18.46	18.71	26.67	26.63	26.99	137.64	137.60	139.51
2033-11-12	1.38	1.32	1.43	0.66	0.60	0.65	0.13	0.07	0.07	0.77	0.76	0.82	0.61	0.60	0.65	0.18	0.17	0.18	18.48	18.44	18.69	26.65	26.61	26.97	137.62	137.58	139.49
2033-11-13	1.50	1.45	1.58	0.72	0.67	0.73	0.14	0.09	0.10	0.84	0.82	0.90	0.67	0.65	0.71	0.20	0.18	0.20	18.48	18.44	18.70	26.64	26.61	26.98	137.62	137.58	139.49
2033-11-14	1.91	1.83	2.05	0.92	0.84	0.94	0.18	0.10	0.11	1.06	1.05	1.17	0.85	0.83	0.93	0.25	0.23	0.26	18.48	18.47	18.73	26.65	26.64	27.01	137.62	137.61	139.53
2033-11-15	2.34	2.24	2.56	1.12	1.03	1.17	0.22	0.13	0.14	1.30	1.28	1.46	1.04	1.02	1.16	0.31	0.29	0.33	18.66	18.63	18.90	27.32	27.30	27.69	123.16	123.14	124.86
2033-11-16	1.55	1.55	1.76	0.75	0.74	0.84	0.15	0.14	0.16	0.87	0.85	0.97	0.69	0.68	0.77	0.20	0.19	0.22	18.64	18.60	18.87	27.30	27.27	27.65	123.14	123.11	124.83
2033-11-17	1.49	1.45	1.63	0.72	0.67	0.76	0.14	0.10	0.11	0.83	0.82	0.92	0.66	0.65	0.73	0.20	0.18	0.21	18.62	18.58	18.85	27.28	27.25	27.63	123.13	123.09	124.80
2033-11-18	1.44	1.39	1.56	0.69	0.65	0.72	0.14	0.09	0.10	0.80	0.79	0.88	0.64	0.62	0.70	0.19	0.18	0.20	18.60	18.57	18.83	27.27	27.23	27.61	123.11	123.07	124.79
2033-11-19	1.43	1.38	1.56	0.69	0.64	0.72	0.14	0.09	0.10	0.80	0.78	0.89	0.64	0.62	0.70	0.19	0.18	0.20	18.59	18.56	18.82	27.25	27.22	27.60	123.09	123.06	124.77
2033-11-20	1.47	1.42	1.63	0.71	0.66	0.75	0.14	0.10	0.10	0.82	0.81	0.93	0.65	0.64	0.73	0.19	0.18	0.21	18.57	18.54	18.80	27.24	27.20	27.58	123.08	123.04	124.75
2033-11-21	1.46	1.42	1.63	0.70	0.66	0.76	0.14	0.10	0.11	0.81	0.80	0.92	0.65	0.63	0.73	0.19	0.18	0.21	18.56	18.51	18.77	27.22	27.18	27.56	123.07	123.02	124.73
2033-11-22	1.40	1.37	1.57	0.67	0.64	0.73	0.13	0.10	0.11	0.78	0.77	0.89	0.62	0.61	0.70	0.19	0.17	0.20	18.55	18.50	18.76	27.21	27.16	27.54	123.05	123.01	124.72
2033-11-23	1.36	1.32	1.52	0.65	0.62	0.71	0.13	0.09	0.10	0.76	0.75	0.86	0.60	0.59	0.68	0.18	0.17	0.19	18.53	18.49	18.75	27.20	27.16	27.53	123.04	123.00	124.71
2033-11-24	1.36	1.32	1.55	0.65	0.61	0.72	0.13	0.09	0.10	0.76	0.74	0.88	0.60	0.59	0.70	0.18	0.17	0.20	18.52	18.48	18.74	27.19	27.15	27.52	123.03	122.99	124.70
2033-11-25	1.44	1.40	1.70	0.69	0.65	0.78	0.14	0.09	0.11	0.80	0.79	0.97	0.64	0.63	0.77	0.19	0.18	0.22	18.51	18.48	18.73	27.18	27.14	27.51	123.02	122.98	124.69
2033-11-26	1.48	1.45	1.77	0.71	0.68	0.82	0.14	0.11	0.13	0.83	0.81	1.00	0.66	0.65	0.79	0.20	0.18	0.22	18.50	18.47	18.72	27.16	27.13	27.50	123.01	122.97	124.68
2033-11-27	1.43	1.39	1.67	0.69	0.65	0.78	0.14	0.10	0.12	0.80	0.78	0.94	0.63	0.62	0.75	0.19	0.18	0.21	18.49	18.46	18.71	27.15	27.12	27.49	123.00	122.96	124.67
2033-11-28	1.38	1.34	1.60	0.66	0.63	0.74	0.13	0.10	0.11	0.77	0.76	0.90	0.61	0.60	0.71	0.18	0.17	0.20	18.48	18.45	18.70	27.15	27.11	27.48	122.99	122.95	124.66
2033-11-29	1.33	1.30	1.52	0.64	0.60	0.71	0.13	0.09	0.10	0.74	0.73	0.86	0.59	0.58	0.68	0.18	0.16	0.19	18.47	18.44	18.69	27.14	27.10	27.47	122.98	122.94	124.65
2033-11-30	1.29	1.26	1.47	0.62	0.59	0.68	0.12	0.09	0.10	0.72	0.71	0.83	0.57	0.56	0.66	0.17	0.16	0.19	18.46	18.43	18.68	27.13	27.10	27.47	122.97	122.94	124.64
2033-12-01	1.26	1.23	1.41	0.60	0.57	0.66	0.12	0.09	0.10	0.70	0.69	0.79	0.56	0.55	0.63	0.17	0.15	0.18									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2033-12-30	0.97	0.96	1.01	0.47	0.45	0.47	0.09	0.07	0.08	0.54	0.53	0.56	0.43	0.42	0.45	0.13	0.12	0.13	13.63	13.60	13.64	19.85	19.82	19.89	83.67	83.64	83.96
2033-12-31	0.96	0.94	0.99	0.46	0.44	0.46	0.09	0.07	0.08	0.54	0.53	0.55	0.43	0.42	0.44	0.13	0.12	0.12	13.63	13.60	13.65	19.85	19.82	19.89	83.67	83.65	83.96
2034-01-01	0.95	0.93	0.97	0.46	0.43	0.45	0.09	0.07	0.07	0.53	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.12	13.63	13.61	13.60	19.85	19.83	19.82	83.67	83.65	83.61
2034-01-02	0.94	0.91	0.95	0.45	0.43	0.44	0.09	0.07	0.07	0.52	0.51	0.54	0.42	0.41	0.43	0.12	0.12	0.12	13.63	13.60	13.59	19.85	19.82	19.81	83.68	83.65	83.61
2034-01-03	0.93	0.90	0.94	0.44	0.42	0.44	0.09	0.06	0.07	0.52	0.51	0.53	0.41	0.40	0.42	0.12	0.11	0.12	13.63	13.60	13.59	19.85	19.82	19.81	83.68	83.65	83.61
2034-01-04	0.92	0.90	0.93	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.50	0.52	0.41	0.40	0.41	0.12	0.11	0.12	13.63	13.60	13.59	19.86	19.83	19.81	83.68	83.65	83.61
2034-01-05	0.91	0.89	0.93	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.50	0.52	0.40	0.39	0.41	0.12	0.11	0.12	13.63	13.60	13.59	19.86	19.83	19.81	83.68	83.65	83.61
2034-01-06	0.90	0.88	0.91	0.43	0.41	0.42	0.09	0.06	0.07	0.50	0.49	0.51	0.40	0.39	0.40	0.12	0.11	0.11	13.64	13.61	13.60	19.86	19.83	19.82	83.68	83.65	83.61
2034-01-07	0.89	0.87	0.90	0.43	0.41	0.42	0.09	0.07	0.07	0.50	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.11	13.64	13.61	13.60	19.86	19.83	19.82	83.68	83.65	83.62
2034-01-08	0.88	0.86	0.89	0.42	0.40	0.42	0.08	0.06	0.07	0.49	0.48	0.50	0.39	0.38	0.40	0.12	0.11	0.11	13.74	13.70	13.72	19.96	19.93	19.94	83.78	83.75	83.74
2034-01-09	0.89	0.87	0.90	0.43	0.41	0.42	0.08	0.07	0.07	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.11	13.94	13.90	13.97	20.16	20.12	20.19	83.99	83.94	83.99
2034-01-10	0.90	0.88	0.93	0.43	0.42	0.44	0.09	0.07	0.07	0.50	0.49	0.52	0.40	0.39	0.41	0.12	0.11	0.12	13.83	13.80	13.85	20.05	20.02	20.07	83.87	83.85	83.86
2034-01-11	0.88	0.87	0.91	0.42	0.41	0.43	0.08	0.07	0.08	0.49	0.48	0.51	0.39	0.38	0.40	0.12	0.11	0.11	13.64	13.62	13.61	19.86	19.84	19.83	83.68	83.66	83.63
2034-01-12	0.87	0.86	0.90	0.42	0.41	0.42	0.08	0.07	0.07	0.49	0.48	0.50	0.39	0.38	0.40	0.12	0.11	0.11	13.62	13.59	13.59	19.84	19.81	19.81	83.66	83.64	83.60
2034-01-13	0.87	0.85	0.90	0.42	0.40	0.42	0.08	0.07	0.07	0.48	0.48	0.50	0.39	0.38	0.40	0.11	0.11	0.11	13.62	13.59	13.58	19.84	19.81	19.80	83.67	83.63	83.59
2034-01-14	0.86	0.85	0.90	0.41	0.40	0.42	0.08	0.07	0.07	0.48	0.47	0.50	0.38	0.37	0.40	0.11	0.11	0.11	13.62	13.59	13.58	19.84	19.81	19.80	83.67	83.64	83.60
2034-01-15	0.85	0.84	0.89	0.41	0.40	0.42	0.08	0.07	0.07	0.48	0.47	0.50	0.38	0.37	0.40	0.11	0.11	0.11	10.55	10.52	10.51	16.42	16.39	16.38	69.60	69.57	69.53
2034-01-16	0.85	0.83	0.88	0.41	0.39	0.41	0.08	0.07	0.07	0.47	0.46	0.49	0.38	0.37	0.39	0.11	0.10	0.11	10.55	10.52	10.51	16.42	16.39	16.38	69.60	69.57	69.54
2034-01-17	0.84	0.83	0.87	0.40	0.39	0.41	0.08	0.06	0.07	0.47	0.46	0.49	0.37	0.37	0.39	0.11	0.10	0.11	10.55	10.52	10.51	16.42	16.40	16.38	69.60	69.57	69.54
2034-01-18	0.84	0.82	0.87	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.46	0.48	0.37	0.36	0.38	0.11	0.10	0.11	10.55	10.53	10.52	16.43	16.40	16.39	69.60	69.58	69.54
2034-01-19	0.83	0.82	0.86	0.40	0.39	0.41	0.08	0.07	0.07	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.10	0.11	10.55	10.53	10.52	16.43	16.40	16.39	69.60	69.58	69.55
2034-01-20	0.83	0.81	0.86	0.40	0.39	0.40	0.08	0.07	0.07	0.46	0.45	0.48	0.37	0.36	0.38	0.11	0.10	0.11	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.54
2034-01-21	0.82	0.81	0.85	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.54
2034-01-22	0.82	0.80	0.84	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.54
2034-01-23	0.81	0.79	0.83	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.54
2034-01-24	0.81	0.79	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.55
2034-01-25	0.80	0.79	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	10.56	10.54	10.53	16.43	16.41	16.40	69.61	69.59	69.55
2034-01-26	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.35	0.35	0.36	0.11	0.10	0.10	10.56	10.54	10.53	16.44	16.41	16.40	69.61	69.59	69.55
2034-01-27	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.56	10.54	10.53	16.44	16.41	16.40	69.61	69.59	69.56
2034-01-28	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.43	0.45	0.35	0.34	0.36	0.10	0.10	0.10	10.56	10.54	10.53	16.44	16.41	16.40	69.61	69.59	69.55
2034-01-29	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.55
2034-01-30	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.07	0.07	0.44	0.44	0.45	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.55
2034-01-31	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.56
2034-02-01	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.57	10.54	10.52	16.44	16.42	16.39	69.62	69.59	69.47
2034-02-02	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.56	16.44	16.42	16.42	69.62	69.60	69.51
2034-02-03	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.61	16.44	16.42	16.47	69.62	69.60	69.56
2034-02-04	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.43	0.35	0.35	0.34	0.11	0.10	0.10	10.57	10.55	10.53	16.45	16.42	16.39	69.62	69.60	69.48
2034-02-05	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.43	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.52	16.45	16.42	16.39	69.62	69.60	69.47
2034-02-06	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.52	16.45	16.42	16.39	69.62	69.60	69.47
2034-02-07	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.47
2034-02-08	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.47
2034-02-09	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.58	10.55	10.53	16.45	16.42	16.39	69.63	69.60	69.48
2034-02-10	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.58	10.55	10.52	16.45	16.42	16.39	69.63	69.60	69.47

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2034-03-11	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.72	10.68	19.99	15.60	15.57	29.37	65.70	65.66	125.63
2034-03-12	0.82	0.80	0.95	0.39	0.38	0.44	0.08	0.06	0.06	0.46	0.45	0.54	0.36	0.36	0.43	0.11	0.10	0.12	10.70	10.67	20.03	15.58	15.55	29.40	65.68	65.65	125.67
2034-03-13	1.05	1.01	1.71	0.50	0.47	0.78	0.10	0.07	0.10	0.58	0.57	0.98	0.47	0.46	0.78	0.14	0.13	0.22	10.77	10.73	20.64	15.65	15.61	30.02	65.75	65.71	126.29
2034-03-14	1.36	1.32	2.39	0.65	0.62	1.11	0.13	0.09	0.16	0.76	0.75	1.36	0.60	0.59	1.08	0.18	0.17	0.31	11.90	11.81	22.74	16.78	16.69	32.12	66.88	66.79	128.38
2034-03-15	0.91	0.92	1.81	0.44	0.45	0.87	0.09	0.10	0.18	0.51	0.50	0.99	0.40	0.40	0.79	0.12	0.11	0.22	15.39	15.29	29.52	22.20	22.09	42.60	84.46	84.35	162.23
2034-03-16	0.81	0.80	1.41	0.39	0.38	0.67	0.08	0.07	0.12	0.45	0.44	0.78	0.36	0.35	0.62	0.11	0.10	0.18	14.50	14.49	29.14	21.31	21.29	42.21	83.57	83.55	161.84
2034-03-17	0.81	0.79	1.34	0.39	0.37	0.62	0.08	0.06	0.09	0.45	0.44	0.76	0.36	0.35	0.60	0.11	0.10	0.17	14.29	14.23	28.74	21.09	21.03	41.81	83.35	83.29	161.44
2034-03-18	1.05	1.02	1.54	0.50	0.47	0.71	0.10	0.06	0.10	0.59	0.58	0.88	0.47	0.46	0.69	0.14	0.13	0.20	14.20	14.14	28.09	21.00	20.94	41.16	83.26	83.20	160.79
2034-03-19	1.63	1.58	2.86	0.78	0.74	1.31	0.16	0.11	0.17	0.91	0.89	1.64	0.72	0.71	1.30	0.21	0.20	0.37	14.12	14.06	27.56	20.92	20.86	40.63	83.18	83.12	160.26
2034-03-20	1.70	1.68	3.50	0.82	0.79	1.62	0.16	0.14	0.23	0.95	0.94	1.99	0.76	0.74	1.58	0.22	0.21	0.45	14.04	13.99	27.26	20.85	20.79	40.34	83.11	83.05	159.96
2034-03-21	1.52	1.52	3.73	0.73	0.73	1.74	0.15	0.15	0.26	0.85	0.83	2.10	0.67	0.66	1.67	0.20	0.19	0.47	13.98	13.92	27.01	20.78	20.73	40.08	83.04	82.99	159.71
2034-03-22	1.22	1.21	3.62	0.58	0.57	1.68	0.12	0.11	0.24	0.68	0.67	2.05	0.54	0.53	1.62	0.16	0.15	0.46	13.92	13.87	26.68	20.72	20.67	39.75	82.98	82.93	159.38
2034-03-23	1.29	1.27	4.11	0.62	0.60	1.89	0.12	0.10	0.25	0.72	0.71	2.34	0.57	0.56	1.86	0.17	0.16	0.53	13.86	13.81	26.40	20.67	20.62	39.48	82.92	82.87	159.10
2034-03-24	1.85	1.79	5.73	0.89	0.83	2.60	0.18	0.11	0.29	1.03	1.02	3.30	0.82	0.81	2.62	0.24	0.23	0.74	13.81	13.76	26.16	20.62	20.57	39.24	82.87	82.82	158.87
2034-03-25	2.04	1.98	6.62	0.98	0.92	3.07	0.20	0.14	0.45	1.14	1.12	3.74	0.91	0.89	2.97	0.27	0.25	0.84	13.76	13.72	25.96	20.57	20.52	39.04	82.83	82.78	158.66
2034-03-26	1.63	1.59	5.39	0.78	0.75	2.50	0.16	0.12	0.36	0.91	0.89	3.05	0.72	0.71	2.42	0.21	0.20	0.69	13.72	13.68	25.79	20.53	20.48	38.86	82.78	82.74	158.49
2034-03-27	1.56	1.51	4.56	0.75	0.70	2.11	0.15	0.10	0.30	0.87	0.85	2.58	0.69	0.68	2.05	0.20	0.19	0.58	13.68	13.64	25.66	20.49	20.44	38.74	82.74	82.70	158.37
2034-03-28	1.49	1.45	3.94	0.72	0.67	1.82	0.14	0.10	0.25	0.83	0.82	2.24	0.66	0.65	1.77	0.20	0.18	0.50	13.66	13.62	25.80	20.46	20.42	38.87	82.72	82.68	158.50
2034-03-29	1.44	1.40	3.62	0.69	0.65	1.67	0.14	0.10	0.22	0.80	0.79	2.06	0.64	0.63	1.64	0.19	0.18	0.46	13.66	13.62	26.21	20.46	20.43	39.28	82.72	82.69	158.91
2034-03-30	1.39	1.35	3.40	0.67	0.63	1.57	0.13	0.10	0.21	0.77	0.76	1.94	0.62	0.60	1.54	0.18	0.17	0.43	13.69	13.66	26.58	20.50	20.46	39.66	82.75	82.72	159.28
2034-03-31	1.34	1.31	3.09	0.64	0.61	1.43	0.13	0.09	0.20	0.75	0.74	1.75	0.60	0.58	1.39	0.18	0.17	0.39	13.79	13.76	27.12	20.60	20.57	40.19	82.86	82.82	159.82
2034-04-01	1.30	1.27	2.82	0.62	0.59	1.30	0.12	0.09	0.18	0.73	0.71	1.60	0.58	0.57	1.27	0.17	0.16	0.36	14.16	14.11	32.92	20.97	20.92	48.61	83.22	83.17	192.22
2034-04-02	1.26	1.23	3.06	0.61	0.57	1.40	0.12	0.09	0.18	0.70	0.69	1.74	0.56	0.55	1.38	0.17	0.16	0.39	14.66	14.59	34.95	21.46	21.40	50.64	83.72	83.66	194.25
2034-04-03	1.23	1.20	3.96	0.59	0.56	1.81	0.12	0.09	0.22	0.69	0.67	2.27	0.55	0.53	1.80	0.16	0.15	0.51	14.78	14.72	35.94	21.58	21.53	51.64	83.84	83.78	195.25
2034-04-04	1.20	1.17	4.17	0.57	0.55	1.92	0.11	0.09	0.26	0.67	0.66	2.37	0.53	0.52	1.88	0.16	0.15	0.53	15.09	15.01	37.38	21.89	21.82	53.07	84.15	84.07	196.68
2034-04-05	1.17	1.14	4.37	0.56	0.53	2.02	0.11	0.08	0.27	0.65	0.64	2.49	0.52	0.51	1.97	0.15	0.14	0.56	16.06	15.93	39.71	22.87	22.74	55.40	85.12	84.99	199.01
2034-04-06	1.20	1.17	5.15	0.58	0.55	2.35	0.12	0.08	0.29	0.67	0.66	2.95	0.53	0.52	2.34	0.16	0.15	0.66	16.78	16.63	41.75	23.59	23.43	57.44	85.85	85.69	201.05
2034-04-07	1.23	1.23	6.32	0.59	0.59	2.93	0.12	0.11	0.42	0.69	0.68	3.58	0.55	0.54	2.84	0.16	0.15	0.81	16.74	16.62	41.60	23.54	23.42	57.30	85.80	85.68	200.91
2034-04-08	1.20	1.17	6.17	0.58	0.55	2.85	0.12	0.09	0.39	0.67	0.66	3.51	0.53	0.52	2.78	0.16	0.15	0.79	16.21	16.08	40.33	23.01	22.89	56.02	85.27	85.14	199.63
2034-04-09	1.17	1.14	5.86	0.56	0.53	2.71	0.11	0.08	0.38	0.65	0.64	3.32	0.52	0.51	2.64	0.15	0.14	0.75	15.85	15.74	36.32	22.66	22.54	52.02	84.92	84.80	195.63
2034-04-10	1.14	1.12	5.42	0.55	0.52	2.50	0.11	0.08	0.34	0.64	0.63	3.08	0.51	0.50	2.44	0.15	0.14	0.69	15.64	15.53	35.98	22.44	22.33	51.67	84.70	84.59	195.28
2034-04-11	1.13	1.10	5.89	0.54	0.51	2.69	0.11	0.08	0.33	0.63	0.62	3.37	0.50	0.49	2.67	0.15	0.14	0.76	15.45	15.34	36.00	22.25	22.15	51.69	84.51	84.40	195.30
2034-04-12	1.11	1.09	6.86	0.53	0.51	3.15	0.11	0.08	0.41	0.62	0.61	3.91	0.49	0.48	3.10	0.15	0.14	0.88	15.21	15.12	35.56	22.02	21.92	51.25	84.27	84.18	194.86
2034-04-13	1.09	1.06	6.55	0.52	0.50	3.03	0.10	0.08	0.43	0.61	0.59	3.71	0.48	0.47	2.94	0.14	0.13	0.83	15.01	14.92	36.33	21.81	21.73	52.02	84.07	83.98	195.63
2034-04-14	1.06	1.04	6.11	0.51	0.49	2.81	0.10	0.08	0.38	0.59	0.58	3.48	0.47	0.46	2.76	0.14	0.13	0.78	14.84	14.75	36.32	21.64	21.56	52.02	83.90	83.81	195.63
2034-04-15	1.06	1.04	6.54	0.51	0.49	2.99	0.10	0.08	0.37	0.59	0.58	3.74	0.47	0.46	2.97	0.14	0.13	0.84	33.24	33.16	77.76	45.58	45.50	106.24	195.89	195.81	452.96
2034-04-16	1.29	1.26	8.42	0.62	0.59	3.84	0.12	0.09	0.45	0.72	0.71	4.83	0.57	0.56	3.84	0.17	0.16	1.09	33.10	33.03	76.72	45.45	45.38	105.21	195.76	195.69	451.93
2034-04-17	2.19	2.12	11.55	1.05	0.98	5.13	0.21	0.14	0.39	1.22	1.20	6.77	0.97	0.95	5.37	0.29	0.27	1.52	32.98	32.91	75.70	45.33	45.26	104.18	195.64	195.57	450.90
2034-04-18	2.54	2.49	13.59	1.22	1.16	5.98	0.24	0.19	0.37	1.42	1.39	8.01	1.13	1.11	6.35	0.33	0.31	1.79	32.88	32.81	75.39	45.23	45.16	103.88	195.54	195.47	450.60
2034-04-19	2.28	2.25	14.19	1.10	1.06	6.44	0.22	0.19	0.71	1.27	1.25	8.18	1.01	0.99	6.49	0.30	0.28	1.84	33.00	32.92	75.60	45.35	45.27	104.08	195.66	195.58	450.80
2034-04-20	3.12	3.00	19.49	1.50	1.38	9.42	0.30	0.18	1.99	1.74	1.71	10.63	1.39	1.36	8.44	0.41	0.39	2.40	33.79	33.69	77.90	46.13	46.04	106.38	196.44	196.35	453.10
2034-04-21	3.75	3.64	20.88	1.80	1.69	9.64	0.36	0.25	1.33	2.09	2.05	11.84	1.66	1.63	9.39	0.49	0.46	2.65	33.79	33.71	77.31	46.14	46.06	105.80	196.45	196.37	452.52
2034-04-22	3.13	3.05	17.05	1.50	1.42	8.00	0.30	0.22	1.31	1.75	1.72	9.54	1.39	1.36	7.57	0.41	0.39	2.14	33.46	33.38	76.19	45.81	45.73	10			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2034-05-21	8.14	7.84	6.50	3.91	3.61	3.01	0.78	0.49	0.43	4.54	4.46	3.68	3.61	3.54	2.92	1.07	1.00	0.83	114.36	114.20	72.64	147.38	147.22	93.84	728.34	728.18	466.88
2034-05-22	9.00	8.62	5.36	4.32	3.94	2.48	0.86	0.48	0.35	5.02	4.94	3.03	4.00	3.92	2.41	1.19	1.11	0.68	119.11	118.59	76.83	152.13	151.62	98.04	733.09	732.57	471.07
2034-05-23	11.64	12.51	4.54	5.59	6.46	2.10	1.12	1.99	0.29	6.49	6.40	2.57	5.17	5.08	2.04	1.53	1.45	0.58	126.75	126.10	85.23	159.77	159.12	106.43	740.73	740.08	479.47
2034-05-24	13.68	12.37	3.93	6.57	5.26	1.81	1.31	0.00	0.25	7.64	7.49	2.23	6.08	5.94	1.77	1.80	1.68	0.50	120.24	120.04	79.30	153.26	153.06	100.51	734.22	734.02	473.54
2034-05-25	14.88	14.10	3.46	7.14	6.37	1.60	1.43	0.65	0.22	8.30	8.15	1.96	6.61	6.47	1.56	1.96	1.83	0.44	118.17	117.91	77.67	151.19	150.93	98.88	732.15	731.89	471.91
2034-05-26	14.82	15.39	3.09	7.12	7.68	1.43	1.42	1.99	0.20	8.27	8.14	1.75	6.58	6.46	1.39	1.95	1.84	0.39	116.72	116.49	76.58	149.74	149.51	97.78	730.70	730.47	470.82
2034-05-27	14.35	14.77	2.80	6.89	7.31	1.29	1.38	1.79	0.18	8.01	7.86	1.59	6.37	6.23	1.26	1.89	1.76	0.36	115.64	115.45	75.75	148.67	148.47	96.96	729.63	729.43	469.99
2034-05-28	13.64	12.34	2.55	6.55	5.24	1.18	1.31	0.00	0.16	7.61	7.48	1.45	6.06	5.93	1.15	1.80	1.68	0.33	114.83	114.65	75.11	147.85	147.68	96.31	728.81	728.64	469.34
2034-05-29	11.85	11.29	2.35	5.69	5.13	1.09	1.14	0.58	0.15	6.61	6.49	1.33	5.26	5.15	1.06	1.56	1.46	0.30	114.19	114.04	74.59	147.22	147.06	95.80	728.17	728.02	468.83
2034-05-30	11.06	10.66	2.18	5.31	4.91	1.01	1.06	0.66	0.14	6.17	6.06	1.24	4.91	4.81	0.98	1.46	1.36	0.28	113.84	113.69	74.18	146.86	146.71	95.38	727.82	727.67	468.41
2034-05-31	11.16	10.84	2.04	5.36	5.04	0.94	1.07	0.75	0.13	6.23	6.12	1.15	4.96	4.85	0.92	1.47	1.37	0.26	114.25	114.06	74.41	147.27	147.08	95.61	728.23	728.04	468.65
2034-06-01	10.88	9.83	1.91	5.22	4.18	0.89	1.04	0.00	0.13	6.07	5.96	1.08	4.83	4.73	0.86	1.43	1.34	0.24	114.42	114.24	86.89	147.44	147.26	111.81	728.40	728.22	550.26
2034-06-02	11.75	11.13	1.81	5.64	5.02	0.84	1.13	0.50	0.12	6.56	6.44	1.02	5.22	5.11	0.81	1.55	1.45	0.23	113.86	113.72	86.48	146.89	146.74	111.40	727.84	727.70	549.85
2034-06-03	12.89	12.40	1.71	6.19	5.70	0.79	1.24	0.75	0.12	7.19	7.06	0.97	5.72	5.60	0.77	1.70	1.59	0.22	113.41	113.28	86.13	146.43	146.30	111.05	727.39	727.26	549.50
2034-06-04	11.85	11.53	1.63	5.69	5.37	0.75	1.14	0.81	0.11	6.61	6.50	0.92	5.26	5.15	0.73	1.56	1.46	0.21	113.04	112.92	85.84	146.06	145.95	110.76	727.02	726.90	549.21
2034-06-05	10.64	10.36	1.56	5.11	4.83	0.72	1.02	0.74	0.11	5.94	5.83	0.88	4.72	4.63	0.70	1.40	1.31	0.20	112.73	112.62	85.59	145.75	145.64	110.51	726.71	726.60	548.96
2034-06-06	8.99	8.71	1.49	4.31	4.04	0.69	0.86	0.58	0.10	5.01	4.93	0.84	3.99	3.91	0.67	1.18	1.11	0.19	112.47	112.37	85.38	145.49	145.39	110.30	726.45	726.35	548.75
2034-06-07	7.59	7.33	1.43	3.64	3.38	0.67	0.73	0.46	0.10	4.24	4.16	0.81	3.37	3.30	0.64	1.00	0.94	0.18	112.24	112.15	85.19	145.27	145.17	110.11	726.22	726.13	548.56
2034-06-08	6.91	6.64	1.38	3.32	3.05	0.64	0.66	0.40	0.10	3.85	3.79	0.78	3.07	3.00	0.62	0.91	0.85	0.17	112.05	111.96	85.03	145.07	144.99	109.96	726.03	725.94	548.40
2034-06-09	7.08	6.76	1.33	3.40	3.08	0.62	0.68	0.36	0.09	3.95	3.88	0.75	3.14	3.08	0.60	0.93	0.87	0.17	111.88	111.80	84.90	144.90	144.82	109.82	725.86	725.78	548.27
2034-06-10	7.41	7.08	1.29	3.55	3.23	0.60	0.71	0.39	0.09	4.13	4.06	0.73	3.29	3.22	0.58	0.98	0.91	0.16	111.74	111.66	84.77	144.76	144.68	109.69	725.72	725.64	548.14
2034-06-11	7.70	7.35	1.25	3.70	3.35	0.58	0.74	0.39	0.09	4.30	4.22	0.71	3.42	3.35	0.56	1.01	0.95	0.16	111.62	111.55	84.66	144.65	144.57	109.59	725.60	725.53	548.03
2034-06-12	8.48	8.09	1.22	4.07	3.68	0.57	0.81	0.42	0.09	4.73	4.65	0.69	3.77	3.69	0.54	1.12	1.04	0.15	111.52	111.46	84.57	144.55	144.48	109.49	725.50	725.44	547.94
2034-06-13	10.34	9.84	1.19	4.96	4.46	0.55	0.99	0.49	0.08	5.77	5.67	0.67	4.59	4.49	0.53	1.36	1.27	0.15	111.43	111.36	84.48	144.45	144.39	109.40	725.41	725.35	547.85
2034-06-14	11.79	11.32	1.15	5.66	5.19	0.54	1.13	0.66	0.08	6.58	6.46	0.65	5.23	5.12	0.52	1.55	1.45	0.15	111.35	111.29	84.40	144.37	144.31	109.33	725.33	725.27	547.78
2034-06-15	12.17	11.85	1.13	5.84	5.52	0.53	1.17	0.84	0.08	6.79	6.67	0.64	5.41	5.29	0.50	1.60	1.50	0.14	152.30	152.24	115.31	187.26	187.20	141.69	1003.12	1003.06	757.42
2034-06-16	12.52	12.28	1.10	6.01	5.77	0.52	1.20	0.96	0.08	6.98	6.86	0.62	5.56	5.44	0.49	1.65	1.54	0.14	152.22	152.16	115.24	187.18	187.13	141.62	1003.04	1002.99	757.35
2034-06-17	11.54	11.28	1.08	5.54	5.28	0.50	1.11	0.84	0.08	6.44	6.33	0.61	5.12	5.02	0.48	1.52	1.42	0.14	152.15	152.10	115.18	187.11	187.06	141.57	1002.97	1002.92	757.30
2034-06-18	10.43	10.11	1.06	5.01	4.69	0.49	1.00	0.68	0.08	5.82	5.72	0.60	4.63	4.54	0.47	1.37	1.28	0.13	152.09	152.04	115.13	187.05	187.00	141.51	1002.91	1002.86	757.24
2034-06-19	9.16	8.92	1.04	4.40	4.16	0.48	0.88	0.64	0.07	5.11	5.02	0.58	4.07	3.98	0.46	1.21	1.13	0.13	174.75	173.14	128.53	209.71	208.10	154.92	1025.57	1023.96	770.65
2034-06-20	7.98	7.71	1.02	3.83	3.56	0.48	0.76	0.49	0.07	4.45	4.37	0.57	3.54	3.47	0.46	1.05	0.98	0.13	230.52	227.80	161.64	265.48	262.77	188.03	1081.34	1078.63	803.76
2034-06-21	7.00	6.75	1.01	3.36	3.11	0.47	0.67	0.41	0.08	3.91	3.84	0.56	3.11	3.05	0.45	0.92	0.86	0.13	186.00	185.60	138.41	220.97	220.56	164.79	1036.83	1036.42	780.52
2034-06-22	6.03	5.82	0.99	2.90	2.68	0.46	0.58	0.37	0.07	3.37	3.31	0.56	2.68	2.62	0.44	0.79	0.74	0.12	172.50	172.95	131.25	207.46	207.91	157.63	1023.32	1023.77	773.36
2034-06-23	7.33	6.94	1.52	3.52	3.13	0.69	0.70	0.32	0.07	4.09	4.01	0.88	3.25	3.18	0.70	0.96	0.90	0.20	166.02	165.22	125.47	200.98	200.18	151.86	1016.84	1016.04	767.58
2034-06-24	12.83	12.25	3.35	6.16	5.58	1.49	1.23	0.65	0.12	7.16	7.03	1.96	5.70	5.58	1.55	1.69	1.58	0.44	163.86	163.26	123.92	198.82	198.22	150.31	1014.68	1014.08	766.04
2034-06-25	13.48	14.18	3.27	6.47	7.17	1.51	1.29	1.99	0.21	7.52	7.41	1.85	5.99	5.88	1.47	1.78	1.68	0.42	162.25	161.99	122.72	197.21	196.95	149.11	1013.07	1012.81	764.84
2034-06-26	10.32	9.46	2.32	4.95	4.10	1.10	0.99	0.13	0.19	5.76	5.65	1.29	4.58	4.49	1.02	1.36	1.27	0.29	159.87	159.59	121.11	194.83	194.55	147.49	1010.69	1010.41	763.22
2034-06-27	8.20	7.89	2.12	3.94	3.62	0.98	0.79	0.47	0.14	4.58	4.50	1.20	3.64	3.57	0.95	1.08	1.01	0.27	158.23	157.99	119.97	193.19	192.95	146.35	1009.05	1008.81	762.08
2034-06-28	7.13	6.88	1.98	3.42	3.17	0.92	0.68	0.43	0.13	3.98	3.91	1.12	3.17	3.10	0.89	0.94	0.88	0.25	157.04	156.83	119.11	192.00	191.79	145.49	1007.86	1007.65	761.22
2034-06-29	7.14	6.88	1.92	3.43	3.17	0.89	0.68	0.43	0.13	3.98	3.91	1.09	3.17	3.10	0.87	0.94	0.88	0.24	156.14	155.96	118.44	191.10	190.92	144.82	1006.96	1006.78	760.55
2034-06-30	7.57	7.24	1.98	3.63	3.30	0.91	0.73	0.39	0.13	4.22	4.15	1.12	3.36	3.29	0.89	1.00	0.93	0.25	155.44	155.28	117.91	190.40	190.24	144.29	1006.26	1006.10	760.02
2034-07-01	6.97	6.73	1.97	3.35	3.10	0.91	0.67	0.42	0.13	3.89	3.82	1.11	3.10														

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2034-07-31	1.80	1.74	1.51	0.86	0.81	0.70	0.17	0.12	0.10	1.00	0.98	0.85	0.80	0.78	0.68	0.24	0.22	0.19	63.56	63.51	60.27	83.93	83.88	79.59	509.13	509.08	482.90
2034-08-01	1.71	1.66	1.45	0.82	0.77	0.67	0.16	0.11	0.10	0.95	0.94	0.82	0.76	0.74	0.65	0.22	0.21	0.18	65.16	65.00	57.29	85.53	85.37	75.24	510.74	510.57	449.80
2034-08-02	1.63	1.58	1.40	0.78	0.73	0.65	0.16	0.11	0.10	0.91	0.89	0.79	0.72	0.71	0.63	0.21	0.20	0.18	67.90	67.64	59.45	88.27	88.02	77.40	513.47	513.22	451.96
2034-08-03	1.56	1.51	1.35	0.75	0.70	0.63	0.15	0.10	0.09	0.87	0.85	0.76	0.69	0.68	0.60	0.21	0.19	0.17	65.23	65.20	57.42	85.60	85.57	75.36	510.80	510.77	449.93
2034-08-04	1.49	1.45	1.31	0.72	0.68	0.61	0.14	0.10	0.09	0.83	0.82	0.74	0.66	0.65	0.58	0.20	0.18	0.17	64.98	64.89	57.18	85.36	85.26	75.12	510.56	510.46	449.68
2034-08-05	1.59	1.54	1.36	0.76	0.71	0.63	0.15	0.10	0.09	0.89	0.87	0.77	0.71	0.69	0.61	0.21	0.20	0.17	65.56	65.41	57.56	85.93	85.79	75.50	511.14	510.99	450.07
2034-08-06	1.71	1.66	1.41	0.82	0.77	0.66	0.16	0.11	0.10	0.96	0.94	0.80	0.76	0.75	0.63	0.23	0.21	0.18	67.27	67.03	58.70	87.64	87.41	76.64	512.84	512.61	451.20
2034-08-07	1.60	1.56	1.36	0.77	0.72	0.63	0.15	0.11	0.09	0.89	0.88	0.77	0.71	0.70	0.61	0.21	0.20	0.17	66.35	66.23	58.09	86.72	86.60	76.03	511.92	511.80	450.60
2034-08-08	1.53	1.49	1.32	0.74	0.69	0.61	0.15	0.10	0.09	0.86	0.84	0.74	0.68	0.67	0.59	0.20	0.19	0.17	65.92	65.80	57.79	86.29	86.17	75.74	511.50	511.37	450.30
2034-08-09	1.50	1.46	1.28	0.72	0.68	0.60	0.14	0.10	0.09	0.84	0.82	0.72	0.67	0.65	0.57	0.20	0.18	0.16	65.57	65.45	57.55	85.94	85.82	75.50	511.14	511.03	450.06
2034-08-10	1.97	1.88	1.53	0.95	0.86	0.70	0.19	0.10	0.09	1.10	1.08	0.87	0.88	0.86	0.69	0.26	0.24	0.20	65.27	65.16	57.35	85.64	85.54	75.29	510.85	510.74	449.86
2034-08-11	2.85	2.71	2.23	1.37	1.23	1.01	0.27	0.13	0.11	1.59	1.56	1.28	1.27	1.24	1.02	0.38	0.35	0.29	65.02	64.92	57.17	85.39	85.30	75.12	510.60	510.50	449.68
2034-08-12	2.06	2.03	1.68	0.99	0.96	0.79	0.20	0.16	0.14	1.15	1.13	0.93	0.92	0.90	0.74	0.27	0.25	0.21	64.80	64.71	57.02	85.18	85.09	74.96	510.38	510.29	449.53
2034-08-13	1.94	1.88	1.58	0.93	0.87	0.73	0.19	0.13	0.11	1.08	1.06	0.89	0.86	0.84	0.71	0.26	0.24	0.20	64.62	64.53	56.88	84.99	84.91	74.83	510.19	510.11	449.39
2034-08-14	1.83	1.78	1.51	0.88	0.83	0.70	0.18	0.12	0.11	1.02	1.01	0.85	0.81	0.80	0.68	0.24	0.23	0.19	64.46	64.38	56.76	84.83	84.75	74.71	510.03	509.95	449.27
2034-08-15	1.74	1.69	1.45	0.83	0.78	0.68	0.17	0.12	0.10	0.97	0.95	0.82	0.77	0.76	0.65	0.23	0.21	0.18	30.07	29.99	26.49	40.94	40.86	36.07	225.79	225.72	198.90
2034-08-16	1.66	1.61	1.40	0.80	0.75	0.65	0.16	0.11	0.10	0.92	0.91	0.79	0.74	0.72	0.62	0.22	0.20	0.18	29.94	29.87	26.39	40.81	40.74	35.97	225.66	225.59	198.81
2034-08-17	1.58	1.54	1.35	0.76	0.71	0.63	0.15	0.11	0.10	0.88	0.87	0.76	0.70	0.69	0.60	0.21	0.19	0.17	29.83	29.76	26.31	40.70	40.64	35.89	225.55	225.49	198.72
2034-08-18	1.52	1.48	1.31	0.73	0.69	0.61	0.15	0.10	0.09	0.85	0.83	0.73	0.67	0.66	0.58	0.20	0.19	0.17	29.73	29.67	26.24	40.60	40.54	35.81	225.45	225.39	198.65
2034-08-19	1.46	1.42	1.27	0.70	0.66	0.59	0.14	0.10	0.09	0.81	0.80	0.71	0.65	0.63	0.57	0.19	0.18	0.16	29.64	29.58	26.17	40.51	40.45	35.74	225.37	225.31	198.58
2034-08-20	1.41	1.37	1.23	0.68	0.64	0.57	0.13	0.10	0.09	0.78	0.77	0.69	0.62	0.61	0.55	0.19	0.17	0.16	29.56	29.51	26.10	40.43	40.38	35.68	225.29	225.23	198.51
2034-08-21	1.36	1.32	1.20	0.65	0.62	0.56	0.13	0.09	0.09	0.76	0.74	0.67	0.60	0.59	0.53	0.18	0.17	0.15	29.49	29.44	26.05	40.36	40.31	35.62	225.21	225.16	198.46
2034-08-22	1.32	1.28	1.17	0.63	0.60	0.54	0.13	0.09	0.08	0.73	0.72	0.66	0.58	0.57	0.52	0.17	0.16	0.15	29.43	29.37	26.00	40.30	40.24	35.57	225.15	225.10	198.41
2034-08-23	1.28	1.24	1.14	0.61	0.58	0.53	0.12	0.09	0.08	0.71	0.70	0.64	0.57	0.56	0.51	0.17	0.16	0.14	29.37	29.32	25.95	40.24	40.19	35.52	225.09	225.04	198.36
2034-08-24	1.24	1.21	1.11	0.60	0.56	0.52	0.12	0.09	0.08	0.69	0.68	0.63	0.55	0.54	0.50	0.16	0.15	0.14	29.44	29.38	25.98	40.31	40.25	35.56	225.16	225.10	198.39
2034-08-25	1.21	1.18	1.09	0.58	0.55	0.51	0.12	0.09	0.08	0.67	0.66	0.61	0.54	0.53	0.49	0.16	0.15	0.14	30.20	30.10	26.45	41.07	40.97	36.03	225.92	225.82	198.86
2034-08-26	1.18	1.15	1.07	0.57	0.54	0.50	0.11	0.08	0.08	0.66	0.65	0.60	0.52	0.51	0.48	0.16	0.15	0.13	30.47	30.37	26.69	41.34	41.25	36.27	226.19	226.10	199.10
2034-08-27	1.15	1.12	1.05	0.55	0.52	0.49	0.11	0.08	0.08	0.64	0.63	0.59	0.51	0.50	0.47	0.15	0.14	0.13	29.91	29.85	26.31	40.78	40.73	35.88	225.63	225.58	198.72
2034-08-28	1.13	1.10	1.03	0.54	0.51	0.48	0.11	0.08	0.08	0.63	0.62	0.58	0.50	0.49	0.46	0.15	0.14	0.13	29.80	29.74	26.22	40.67	40.61	35.80	225.52	225.46	198.63
2034-08-29	1.16	1.13	1.04	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.58	0.52	0.51	0.46	0.15	0.14	0.13	29.71	29.64	26.15	40.58	40.52	35.73	225.43	225.37	198.57
2034-08-30	1.19	1.16	1.05	0.57	0.54	0.49	0.11	0.09	0.08	0.66	0.65	0.59	0.53	0.52	0.47	0.16	0.15	0.13	29.62	29.56	26.09	40.49	40.43	35.67	225.34	225.28	198.51
2034-08-31	1.16	1.13	1.03	0.56	0.53	0.48	0.11	0.08	0.08	0.65	0.64	0.58	0.52	0.50	0.46	0.15	0.14	0.13	29.54	29.49	26.04	40.41	40.36	35.62	225.27	225.21	198.45
2034-09-01	1.13	1.11	1.02	0.54	0.52	0.48	0.11	0.08	0.08	0.63	0.62	0.57	0.50	0.49	0.45	0.15	0.14	0.13	29.47	29.42	26.04	40.34	40.29	35.62	225.20	225.14	198.24
2034-09-02	1.11	1.09	1.00	0.53	0.51	0.47	0.11	0.08	0.08	0.62	0.61	0.56	0.49	0.48	0.44	0.15	0.14	0.13	29.41	29.36	26.04	40.28	40.23	35.62	225.13	225.08	198.20
2034-09-03	1.09	1.06	0.98	0.52	0.50	0.46	0.10	0.08	0.08	0.61	0.60	0.55	0.48	0.47	0.44	0.14	0.13	0.12	29.35	29.30	26.04	40.22	40.17	35.62	225.07	225.02	198.15
2034-09-04	1.23	1.19	1.16	0.59	0.55	0.54	0.12	0.08	0.07	0.68	0.67	0.66	0.55	0.53	0.52	0.16	0.15	0.15	29.30	29.25	26.04	40.17	40.12	35.62	225.02	224.97	198.11
2034-09-05	1.80	1.72	1.69	0.86	0.78	0.77	0.17	0.09	0.09	1.00	0.98	0.97	0.80	0.78	0.77	0.24	0.22	0.22	29.25	29.20	26.04	40.12	40.07	35.62	224.97	224.93	198.08
2034-09-06	1.35	1.34	1.25	0.65	0.63	0.60	0.13	0.12	0.11	0.75	0.74	0.69	0.60	0.59	0.55	0.18	0.17	0.15	29.34	29.28	26.04	40.21	40.16	35.62	225.06	225.01	198.16
2034-09-07	1.31	1.27	1.19	0.63	0.59	0.56	0.13	0.09	0.09	0.73	0.72	0.67	0.58	0.57	0.53	0.17	0.16	0.15	32.23	31.98	32.08	43.10	42.85	43.02	227.95	227.70	228.92
2034-09-08	1.27	1.24	1.16	0.61	0.58	0.54	0.12	0.09	0.09	0.71	0.70	0.65	0.56	0.55	0.52	0.17	0.16	0.15	35.81	35.47	35.62	46.68	46.34	46.55	231.54	231.19	232.46
2034-09-09	1.23	1.20	1.13	0.59	0.56	0.53	0.12	0.09	0.08	0.69	0.68	0.64	0.55	0.54	0.51	0.16	0.15	0.14	32.52	32.45	32.47	43.39	43.32	43.40	228.24	228.18	229.30
2034-09-10	1.20	1.17	1.11	0.58	0.55	0.52	0.12	0.09	0.08	0.67	0.66	0.62	0.53	0.52	0.49	0.16	0.15	0.14	32.01	31.87	31.91	42.88	42.75	42.84	227.74	227.60	228.75
2034-09-11	1.17	1.14	1.09	0.56	0.53	0.51	0.11	0.08	0.08	0.65	0.64	0.61	0.52	0.51	0.48	0.15	0.14	0.14									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2034-10-10	3.60	3.48	4.03	1.73	1.61	1.86	0.34	0.22	0.26	2.01	1.97	2.28	1.60	1.56	1.81	0.47	0.44	0.51	22.22	21.90	22.80	30.94	30.63	31.87	163.79	163.47	170.02
2034-10-11	3.45	3.33	3.83	1.66	1.54	1.76	0.33	0.21	0.24	1.93	1.89	2.17	1.53	1.50	1.72	0.45	0.42	0.49	22.16	21.85	22.77	30.88	30.58	31.83	163.73	163.42	169.98
2034-10-12	3.43	3.11	4.79	1.65	1.32	2.75	0.33	0.00	1.24	1.92	1.88	2.15	1.53	1.49	1.70	0.45	0.42	0.48	21.79	21.51	22.39	30.51	30.23	31.46	163.36	163.08	169.61
2034-10-13	3.26	2.95	3.52	1.57	1.25	1.60	0.31	0.00	0.19	1.82	1.79	2.02	1.45	1.42	1.60	0.43	0.40	0.45	21.49	21.25	22.12	30.21	29.97	31.19	163.06	162.82	169.34
2034-10-14	3.01	2.72	3.18	1.44	1.16	1.44	0.29	0.00	0.15	1.68	1.65	1.84	1.34	1.31	1.46	0.40	0.37	0.41	21.23	21.13	21.96	29.95	29.85	31.03	162.80	162.70	169.18
2034-10-15	2.74	2.56	2.92	1.31	1.13	1.35	0.26	0.08	0.19	1.53	1.50	1.66	1.22	1.19	1.31	0.36	0.34	0.37	20.24	20.14	20.80	28.41	28.31	29.29	139.38	139.28	144.69
2034-10-16	2.53	2.43	2.66	1.21	1.12	1.23	0.24	0.15	0.17	1.41	1.38	1.51	1.12	1.10	1.20	0.33	0.31	0.34	20.08	19.99	20.65	28.25	28.16	29.14	139.22	139.13	144.54
2034-10-17	2.35	2.27	2.46	1.13	1.05	1.14	0.22	0.15	0.17	1.31	1.28	1.39	1.04	1.02	1.10	0.31	0.29	0.31	19.90	20.09	20.47	28.07	28.26	28.96	139.04	139.23	144.36
2034-10-18	2.18	2.03	2.18	1.05	0.90	0.96	0.21	0.06	0.05	1.22	1.19	1.29	0.97	0.95	1.02	0.29	0.27	0.29	19.75	19.56	20.31	27.92	27.72	28.81	138.89	138.69	144.21
2034-10-19	2.05	1.99	2.12	0.98	0.92	0.98	0.20	0.13	0.14	1.14	1.12	1.20	0.91	0.89	0.95	0.27	0.25	0.27	19.61	19.43	20.21	27.78	27.60	28.70	138.75	138.57	144.10
2034-10-20	1.97	1.78	1.89	0.94	0.76	0.80	0.19	0.00	0.00	1.10	1.08	1.15	0.87	0.86	0.91	0.26	0.24	0.26	19.49	19.38	20.09	27.66	27.55	28.58	138.63	138.52	143.98
2034-10-21	1.92	1.73	1.83	0.92	0.74	0.78	0.18	0.00	0.00	1.07	1.05	1.11	0.85	0.83	0.88	0.25	0.24	0.25	19.39	19.32	20.05	27.56	27.49	28.55	138.53	138.46	143.94
2034-10-22	1.86	1.68	1.77	0.89	0.71	0.75	0.18	0.00	0.00	1.04	1.02	1.07	0.83	0.81	0.85	0.24	0.23	0.24	19.29	19.23	19.96	27.46	27.40	28.46	138.43	138.37	143.85
2034-10-23	1.82	1.64	1.72	0.87	0.70	0.73	0.17	0.00	0.00	1.01	1.00	1.04	0.81	0.79	0.83	0.24	0.22	0.23	19.21	19.15	19.87	27.37	27.32	28.37	138.35	138.29	143.77
2034-10-24	1.86	1.74	1.81	0.89	0.77	0.80	0.18	0.06	0.04	1.04	1.02	1.07	0.83	0.81	0.85	0.25	0.23	0.24	19.13	19.08	19.80	27.30	27.24	28.29	138.27	138.21	143.69
2034-10-25	1.89	1.83	1.93	0.91	0.85	0.89	0.18	0.12	0.13	1.05	1.04	1.09	0.84	0.82	0.87	0.25	0.23	0.25	19.06	19.01	19.72	27.23	27.18	28.22	138.20	138.15	143.62
2034-10-26	1.86	1.80	1.90	0.89	0.83	0.88	0.18	0.12	0.12	1.04	1.02	1.08	0.83	0.81	0.85	0.25	0.23	0.24	19.07	19.01	19.74	27.23	27.18	28.23	138.21	138.15	143.63
2034-10-27	1.87	1.81	1.91	0.90	0.83	0.88	0.18	0.11	0.12	1.04	1.03	1.08	0.83	0.81	0.86	0.25	0.23	0.24	19.07	19.02	19.75	27.24	27.18	28.24	138.21	138.15	143.64
2034-10-28	1.93	1.87	1.98	0.93	0.86	0.91	0.18	0.12	0.13	1.08	1.06	1.12	0.86	0.84	0.89	0.25	0.24	0.25	19.00	18.95	19.68	27.17	27.12	28.17	138.14	138.09	143.57
2034-10-29	3.27	2.96	3.34	1.57	1.26	1.45	0.31	0.00	0.06	1.82	1.79	1.99	1.45	1.42	1.57	0.43	0.40	0.44	18.95	18.88	19.60	27.11	27.05	28.10	138.08	138.02	143.50
2034-10-30	5.68	5.36	5.98	2.73	2.40	2.66	0.54	0.22	0.21	3.17	3.11	3.50	2.52	2.47	2.77	0.75	0.70	0.79	18.89	18.83	19.55	27.06	27.00	28.04	138.03	137.97	143.44
2034-10-31	4.20	4.11	4.60	2.01	1.92	2.16	0.40	0.31	0.35	2.34	2.30	2.58	1.86	1.83	2.05	0.55	0.52	0.58	18.84	18.79	19.50	27.01	26.96	28.00	137.98	137.93	143.40
2034-11-01	3.68	3.56	3.93	1.77	1.64	1.81	0.35	0.22	0.25	2.06	2.02	2.23	1.64	1.60	1.77	0.49	0.45	0.50	18.80	18.77	19.05	26.97	26.93	27.34	137.94	137.91	139.95
2034-11-02	3.53	3.39	3.74	1.70	1.55	1.71	0.34	0.20	0.22	1.97	1.94	2.13	1.57	1.54	1.69	0.47	0.43	0.48	18.76	18.71	19.00	26.93	26.88	27.28	137.90	137.85	139.90
2034-11-03	3.39	3.25	3.57	1.62	1.49	1.64	0.32	0.19	0.21	1.89	1.86	2.04	1.50	1.47	1.62	0.45	0.42	0.46	18.72	18.68	18.96	26.89	26.84	27.25	137.86	137.81	139.86
2034-11-04	3.04	2.94	3.20	1.46	1.36	1.48	0.29	0.19	0.21	1.70	1.67	1.81	1.35	1.32	1.44	0.40	0.37	0.41	18.69	18.63	18.91	26.85	26.80	27.20	137.82	137.77	139.81
2034-11-05	2.76	2.66	2.87	1.33	1.22	1.32	0.27	0.16	0.18	1.54	1.51	1.63	1.23	1.20	1.30	0.36	0.34	0.37	18.65	18.60	18.88	26.82	26.77	27.17	137.79	137.74	139.78
2034-11-06	2.53	2.45	2.62	1.22	1.13	1.21	0.24	0.16	0.17	1.41	1.39	1.49	1.13	1.10	1.18	0.33	0.31	0.33	18.62	18.57	18.85	26.79	26.74	27.14	137.76	137.71	139.75
2034-11-07	2.36	2.28	2.43	1.13	1.06	1.13	0.23	0.15	0.16	1.32	1.29	1.38	1.05	1.03	1.09	0.31	0.29	0.31	18.59	18.55	18.83	26.76	26.72	27.11	137.73	137.69	139.73
2034-11-08	2.29	2.21	2.36	1.10	1.02	1.09	0.22	0.14	0.15	1.28	1.26	1.34	1.02	1.00	1.07	0.30	0.28	0.30	18.57	18.53	18.80	26.74	26.69	27.09	137.71	137.66	139.70
2034-11-09	2.77	2.66	2.88	1.33	1.22	1.32	0.27	0.15	0.16	1.55	1.52	1.65	1.23	1.20	1.31	0.36	0.34	0.37	18.54	18.51	18.78	26.71	26.67	27.07	137.68	137.64	139.68
2034-11-10	6.67	6.21	6.93	3.20	2.74	3.06	0.64	0.18	0.20	3.72	3.65	4.08	2.96	2.90	3.24	0.88	0.82	0.92	18.52	18.48	18.75	26.69	26.65	27.04	137.66	137.62	139.65
2034-11-11	23.29	21.49	24.29	11.18	9.38	10.61	2.23	0.44	0.51	12.99	12.78	14.43	10.34	10.13	11.44	3.07	2.86	3.23	18.50	18.46	18.73	26.67	26.63	27.02	137.64	137.60	139.63
2034-11-12	36.58	35.09	38.68	17.56	16.07	17.71	3.51	2.01	2.23	20.41	20.06	22.10	16.25	15.91	17.53	4.82	4.51	4.96	18.48	18.44	18.71	26.65	26.61	27.00	137.62	137.58	139.61
2034-11-13	21.15	21.11	22.59	10.15	10.11	10.74	2.03	1.99	1.99	11.80	11.61	12.50	9.39	9.21	9.92	2.79	2.62	2.82	18.48	18.44	18.71	26.64	26.61	27.00	137.62	137.58	139.62
2034-11-14	14.31	14.93	15.69	6.87	7.49	7.81	1.37	1.99	1.99	7.98	7.85	8.32	6.36	6.23	6.61	1.89	1.77	1.88	18.48	18.47	18.75	26.65	26.63	27.04	137.62	137.61	139.65
2034-11-15	10.52	9.52	10.14	5.05	4.04	4.39	1.01	0.00	0.15	5.87	5.77	6.05	4.67	4.58	4.80	1.39	1.29	1.36	18.66	18.63	18.92	27.32	27.30	27.71	123.16	123.14	124.97
2034-11-16	8.42	8.08	8.46	4.04	3.70	3.88	0.81	0.47	0.49	4.70	4.61	4.83	3.74	3.66	3.83	1.11	1.04	1.08	18.64	18.60	18.89	27.30	27.27	27.68	123.14	123.11	124.94
2034-11-17	6.90	6.68	6.99	3.31	3.09	3.23	0.66	0.44	0.46	3.85	3.79	3.96	3.07	3.00	3.14	0.91	0.85	0.89	18.62	18.58	18.86	27.28	27.25	27.65	123.13	123.09	124.92
2034-11-18	5.82	5.63	5.88	2.79	2.60	2.71	0.56	0.36	0.38	3.25	3.19	3.33	2.59	2.53	2.64	0.77	0.72	0.75	18.60	18.57	18.84	27.27	27.23	27.64	123.11	123.07	124.90
2034-11-19	4.99	4.82	5.03	2.39	2.23	2.33	0.48	0.31	0.33	2.78	2.73	2.85	2.22	2.17	2.26	0.66	0.61	0.64	18.59	18.56	18.83	27.25	27.22	27.62	123.09	123.06	124.89
2034-11-20	4.30	4.15	4.32	2.06	1.92	2.00	0.41	0.27	0.28	2.40	2.35	2.45	1.91	1.87	1.95	0.57	0.53	0.55	18.57	18.54	18.81	27.24	27.20	27.60	123.08	123.04	124.87
2034-11-21	3.76	3.63	3.76	1.81	1.67	1.73	0.36	0.23	0.24	2.10	2.06	2.14	1														

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2034-12-20	1.04	1.01	1.02	0.50	0.47	0.47	0.10	0.07	0.07	0.58	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	13.09	13.05	13.10	19.21	19.17	19.24	81.06	81.02	81.34
2034-12-21	1.02	0.99	1.00	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	13.09	13.06	13.10	19.21	19.17	19.24	81.06	81.02	81.35
2034-12-22	1.01	0.98	0.99	0.48	0.45	0.46	0.10	0.07	0.07	0.56	0.55	0.56	0.45	0.44	0.44	0.13	0.12	0.12	13.09	13.07	13.11	19.21	19.18	19.25	81.06	81.03	81.35
2034-12-23	0.99	0.96	0.97	0.48	0.45	0.45	0.10	0.07	0.07	0.55	0.54	0.55	0.44	0.43	0.44	0.13	0.12	0.12	13.09	13.07	13.11	19.21	19.18	19.25	81.06	81.03	81.35
2034-12-24	0.98	0.95	0.96	0.47	0.44	0.45	0.09	0.07	0.07	0.55	0.54	0.54	0.43	0.42	0.43	0.13	0.12	0.12	13.10	13.07	13.11	19.21	19.19	19.25	81.06	81.03	81.36
2034-12-25	0.96	0.94	0.95	0.46	0.44	0.44	0.09	0.06	0.07	0.54	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	13.10	13.07	13.12	19.21	19.19	19.26	81.06	81.04	81.36
2034-12-26	0.95	0.92	0.93	0.46	0.43	0.43	0.09	0.06	0.06	0.53	0.52	0.53	0.42	0.41	0.42	0.13	0.12	0.12	13.10	13.07	13.11	19.22	19.19	19.25	81.06	81.03	81.36
2034-12-27	0.94	0.91	0.92	0.45	0.42	0.43	0.09	0.06	0.06	0.52	0.51	0.52	0.42	0.41	0.41	0.12	0.12	0.12	13.15	13.12	13.17	19.27	19.24	19.32	81.12	81.09	81.42
2034-12-28	0.93	0.90	0.91	0.45	0.42	0.42	0.09	0.06	0.06	0.52	0.51	0.51	0.41	0.40	0.41	0.12	0.11	0.11	13.22	13.19	13.25	19.27	19.30	19.39	81.18	81.15	81.49
2034-12-29	0.92	0.89	0.90	0.44	0.42	0.42	0.09	0.06	0.06	0.51	0.50	0.51	0.41	0.40	0.40	0.12	0.11	0.11	13.11	13.08	13.13	19.22	19.20	19.27	81.07	81.05	81.37
2034-12-30	0.91	0.89	0.89	0.44	0.41	0.42	0.09	0.06	0.06	0.51	0.50	0.50	0.40	0.40	0.40	0.12	0.11	0.11	13.10	13.07	13.11	19.21	19.18	19.25	81.06	81.03	81.36
2034-12-31	0.90	0.88	0.88	0.43	0.41	0.41	0.09	0.06	0.07	0.50	0.49	0.50	0.40	0.39	0.39	0.12	0.11	0.11	13.10	13.07	13.12	19.21	19.19	19.26	81.06	81.04	81.36
2035-01-01	0.89	0.87	0.88	0.43	0.41	0.41	0.09	0.07	0.07	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	13.10	13.08	13.07	19.22	19.19	19.18	81.06	81.04	81.00
2035-01-02	0.88	0.86	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	13.10	13.07	13.06	19.22	19.19	19.18	81.07	81.04	81.00
2035-01-03	0.88	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.48	0.39	0.38	0.38	0.12	0.11	0.11	13.10	13.07	13.06	19.22	19.19	19.18	81.07	81.04	81.00
2035-01-04	0.87	0.85	0.86	0.42	0.40	0.40	0.08	0.07	0.07	0.48	0.48	0.48	0.39	0.38	0.38	0.11	0.11	0.11	13.10	13.07	13.07	19.22	19.19	19.18	81.07	81.04	81.00
2035-01-05	0.86	0.85	0.85	0.41	0.40	0.40	0.08	0.07	0.07	0.48	0.47	0.47	0.38	0.37	0.38	0.11	0.11	0.11	13.10	13.08	13.07	19.22	19.19	19.18	81.07	81.04	81.00
2035-01-06	0.85	0.84	0.84	0.41	0.39	0.40	0.08	0.07	0.07	0.48	0.47	0.47	0.38	0.37	0.37	0.11	0.11	0.11	13.11	13.08	13.07	19.22	19.19	19.18	81.07	81.04	81.01
2035-01-07	0.85	0.83	0.84	0.41	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.47	0.38	0.37	0.37	0.11	0.10	0.10	13.11	13.08	13.07	19.22	19.20	19.19	81.07	81.05	81.01
2035-01-08	0.84	0.83	0.83	0.40	0.39	0.39	0.08	0.07	0.07	0.47	0.46	0.46	0.37	0.37	0.37	0.11	0.10	0.10	13.21	13.18	13.20	19.33	19.29	19.31	81.17	81.14	81.13
2035-01-09	0.84	0.82	0.83	0.40	0.39	0.39	0.08	0.06	0.07	0.47	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	13.41	13.37	13.45	19.53	19.49	19.56	81.38	81.34	81.38
2035-01-10	0.83	0.81	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.46	0.37	0.36	0.36	0.11	0.10	0.10	13.30	13.27	13.32	19.42	19.39	19.43	81.26	81.24	81.26
2035-01-11	0.83	0.80	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	13.11	13.09	13.08	19.22	19.20	19.20	81.07	81.05	81.02
2035-01-12	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	13.09	13.06	13.06	19.21	19.18	19.17	81.05	81.03	81.00
2035-01-13	0.82	0.80	0.80	0.39	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.09	13.06	13.05	19.21	19.18	19.16	81.06	81.03	80.99
2035-01-14	0.81	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.09	13.06	13.05	19.21	19.18	19.16	81.06	81.03	80.99
2035-01-15	0.81	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.44	10.41	10.40	16.36	16.33	16.32	69.35	69.32	69.28
2035-01-16	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.44	10.41	10.40	16.36	16.34	16.32	69.35	69.32	69.29
2035-01-17	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.44	10.42	10.41	16.37	16.34	16.33	69.35	69.32	69.29
2035-01-18	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.44	10.42	10.41	16.37	16.34	16.33	69.35	69.33	69.29
2035-01-19	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.35	16.33	69.35	69.33	69.30
2035-01-20	0.79	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.44	0.43	0.43	0.35	0.34	0.34	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.36	69.33	69.30
2035-01-21	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.36	69.33	69.30
2035-01-22	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.36	69.33	69.29
2035-01-23	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.36	69.33	69.30
2035-01-24	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.42	16.37	16.35	16.33	69.36	69.33	69.30
2035-01-25	0.80	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.42	16.38	16.35	16.34	69.36	69.34	69.30
2035-01-26	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.42	16.38	16.35	16.34	69.36	69.34	69.30
2035-01-27	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.46	10.43	10.42	16.38	16.35	16.34	69.36	69.34	69.31
2035-01-28	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.46	10.43	10.42	16.38	16.35	16.34	69.36	69.34	69.31
2035-01-29	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.46	10.43	10.42	16.38	16.35	16.34	69.37	69.34	69.31
2035-01-30	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.46	10.43	10.42	16.38	16.35	16.34	69.37	69.34	69.30
2035-01-31	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.46	10.43	10.42	16.38	16.36	16.34	69.37	69.34	69.31
2035-02-01	0.80	0.79																									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2035-03-01	0.81	0.80	0.85	0.39	0.38	0.40	0.08	0.07	0.07	0.45	0.44	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.77	10.72	20.30	15.65	15.61	29.88	65.75	65.71	128.16
2035-03-02	0.81	0.80	1.13	0.39	0.38	0.53	0.08	0.07	0.08	0.45	0.44	0.64	0.36	0.35	0.51	0.11	0.10	0.14	12.09	11.96	23.56	16.98	16.85	33.14	67.07	66.95	131.41
2035-03-03	0.81	0.80	1.46	0.39	0.38	0.69	0.08	0.07	0.11	0.45	0.44	0.82	0.36	0.35	0.65	0.11	0.10	0.18	12.81	12.69	24.28	17.70	17.58	33.86	67.79	67.67	132.14
2035-03-04	1.05	1.02	2.54	0.50	0.47	1.15	0.10	0.07	0.13	0.58	0.57	1.46	0.46	0.46	1.16	0.14	0.13	0.33	10.89	10.91	21.29	15.77	15.79	30.88	65.87	65.89	129.15
2035-03-05	1.34	1.29	3.82	0.64	0.59	1.75	0.13	0.08	0.22	0.75	0.73	2.18	0.59	0.58	1.73	0.18	0.16	0.49	10.86	10.82	21.02	15.74	15.70	30.60	65.84	65.80	128.87
2035-03-06	0.84	0.85	2.09	0.40	0.41	1.02	0.08	0.09	0.22	0.47	0.46	1.14	0.37	0.37	0.90	0.11	0.10	0.26	10.83	10.79	20.85	15.71	15.68	30.44	65.81	65.77	128.71
2035-03-07	0.82	0.81	1.89	0.40	0.38	0.88	0.08	0.07	0.13	0.46	0.45	1.07	0.37	0.36	0.85	0.11	0.10	0.24	10.80	10.77	20.71	15.69	15.65	30.30	65.79	65.75	128.57
2035-03-08	0.82	0.81	1.79	0.39	0.38	0.83	0.08	0.07	0.12	0.46	0.45	1.01	0.36	0.36	0.80	0.11	0.10	0.23	10.78	10.74	20.62	15.66	15.63	30.20	65.76	65.73	128.48
2035-03-09	0.81	0.80	1.69	0.39	0.38	0.79	0.08	0.06	0.12	0.45	0.45	0.96	0.36	0.35	0.76	0.11	0.10	0.21	10.76	10.72	20.55	15.64	15.61	30.13	65.74	65.71	128.40
2035-03-10	0.81	0.80	1.61	0.39	0.38	0.75	0.08	0.07	0.11	0.45	0.44	0.91	0.36	0.35	0.72	0.11	0.10	0.20	10.73	10.70	20.46	15.62	15.59	30.04	65.72	65.68	128.31
2035-03-11	0.81	0.79	1.59	0.39	0.38	0.74	0.08	0.07	0.11	0.45	0.44	0.90	0.36	0.35	0.71	0.11	0.10	0.20	10.71	10.68	20.38	15.60	15.57	29.97	65.70	65.67	128.24
2035-03-12	0.80	0.79	1.58	0.38	0.38	0.74	0.08	0.07	0.12	0.45	0.44	0.89	0.36	0.35	0.70	0.11	0.10	0.20	10.70	10.66	20.43	15.58	15.55	30.01	65.68	65.65	128.28
2035-03-13	0.82	0.81	1.74	0.39	0.38	0.80	0.08	0.07	0.11	0.46	0.45	0.99	0.36	0.36	0.78	0.11	0.10	0.22	10.76	10.73	21.08	15.65	15.61	30.66	65.75	65.71	128.93
2035-03-14	0.85	0.84	2.11	0.41	0.39	0.97	0.08	0.07	0.12	0.48	0.47	1.21	0.38	0.37	0.96	0.11	0.10	0.27	11.90	11.80	23.22	16.78	16.69	32.80	66.88	66.79	131.07
2035-03-15	0.80	0.79	1.82	0.38	0.38	0.85	0.08	0.07	0.13	0.45	0.44	1.02	0.36	0.35	0.81	0.11	0.10	0.23	15.39	15.29	30.15	22.20	22.10	43.50	84.46	84.35	165.63
2035-03-16	0.80	0.79	1.72	0.38	0.37	0.80	0.08	0.06	0.12	0.44	0.44	0.97	0.35	0.35	0.77	0.11	0.10	0.22	14.50	14.49	29.81	21.31	21.30	43.17	83.57	83.55	165.29
2035-03-17	0.79	0.78	1.63	0.38	0.37	0.76	0.08	0.06	0.11	0.44	0.43	0.92	0.35	0.34	0.73	0.10	0.10	0.21	14.29	14.23	29.40	21.09	21.03	42.76	83.35	83.29	164.88
2035-03-18	0.79	0.78	1.66	0.38	0.37	0.77	0.08	0.07	0.11	0.44	0.43	0.94	0.35	0.34	0.75	0.10	0.10	0.21	14.20	14.13	28.71	21.00	20.94	42.06	83.26	83.20	164.19
2035-03-19	0.79	0.78	1.80	0.38	0.37	0.83	0.08	0.07	0.11	0.44	0.44	1.02	0.35	0.35	0.81	0.10	0.10	0.23	14.11	14.05	28.15	20.92	20.86	41.51	83.18	83.12	163.63
2035-03-20	0.80	0.78	1.82	0.38	0.37	0.84	0.08	0.07	0.12	0.44	0.44	1.03	0.35	0.35	0.82	0.10	0.10	0.23	14.04	13.98	27.84	20.85	20.79	41.19	83.11	83.05	163.32
2035-03-21	0.80	0.78	1.77	0.38	0.37	0.82	0.08	0.06	0.12	0.44	0.44	1.00	0.35	0.35	0.80	0.10	0.10	0.23	13.97	13.92	27.58	20.78	20.73	40.93	83.04	82.99	163.06
2035-03-22	0.80	0.79	1.85	0.38	0.37	0.86	0.08	0.07	0.13	0.45	0.44	1.04	0.36	0.35	0.82	0.11	0.10	0.23	13.91	13.86	27.23	20.72	20.67	40.59	82.98	82.93	162.71
2035-03-23	0.81	0.80	1.93	0.39	0.38	0.90	0.08	0.07	0.13	0.45	0.44	1.09	0.36	0.35	0.86	0.11	0.10	0.25	13.86	13.81	26.94	20.67	20.62	40.30	82.92	82.87	162.42
2035-03-24	0.80	0.79	1.91	0.38	0.37	0.90	0.08	0.07	0.14	0.45	0.44	1.07	0.35	0.35	0.85	0.11	0.10	0.24	13.81	13.76	26.69	20.62	20.57	40.05	82.87	82.82	162.17
2035-03-25	0.80	0.79	1.87	0.38	0.37	0.86	0.08	0.07	0.12	0.45	0.44	1.06	0.35	0.35	0.84	0.11	0.10	0.24	13.76	13.71	26.48	20.57	20.52	39.84	82.83	82.78	161.96
2035-03-26	0.80	0.79	1.88	0.38	0.37	0.88	0.08	0.07	0.14	0.45	0.44	1.05	0.36	0.35	0.84	0.11	0.10	0.24	13.72	13.67	26.30	20.53	20.48	39.66	82.78	82.74	161.78
2035-03-27	0.91	0.89	2.05	0.44	0.42	0.95	0.09	0.07	0.13	0.51	0.50	1.16	0.41	0.40	0.92	0.12	0.11	0.26	13.68	13.64	26.18	20.49	20.45	39.54	82.74	82.70	161.66
2035-03-28	1.33	1.29	3.36	0.64	0.60	1.53	0.13	0.09	0.18	0.74	0.73	1.93	0.59	0.58	1.53	0.17	0.16	0.43	13.66	13.62	26.33	20.46	20.42	39.69	82.72	82.68	161.81
2035-03-29	1.42	1.39	4.17	0.68	0.65	1.91	0.14	0.10	0.23	0.79	0.78	2.39	0.63	0.62	1.89	0.19	0.18	0.54	13.65	13.62	26.77	20.46	20.43	40.12	82.72	82.69	162.25
2035-03-30	0.92	0.93	3.59	0.44	0.45	1.67	0.09	0.10	0.26	0.51	0.50	2.02	0.41	0.40	1.60	0.12	0.11	0.45	13.69	13.66	27.15	20.50	20.46	40.51	82.75	82.72	162.63
2035-03-31	0.91	0.89	3.58	0.44	0.42	1.66	0.09	0.07	0.23	0.51	0.50	2.03	0.40	0.39	1.61	0.12	0.11	0.46	13.79	13.76	27.69	20.60	20.57	41.05	82.86	82.82	163.17
2035-04-01	1.08	1.05	4.64	0.52	0.49	2.11	0.10	0.07	0.23	0.60	0.59	2.67	0.48	0.47	2.12	0.14	0.13	0.60	14.16	14.11	32.99	20.97	20.92	48.68	83.22	83.18	192.15
2035-04-02	1.44	1.41	7.01	0.69	0.66	3.29	0.14	0.10	0.55	0.80	0.79	3.92	0.64	0.63	3.11	0.19	0.18	0.88	14.65	14.59	35.00	21.46	21.40	50.69	83.72	83.66	194.16
2035-04-03	1.03	1.03	6.51	0.50	0.49	3.01	0.10	0.10	0.43	0.58	0.57	3.69	0.46	0.45	2.93	0.14	0.13	0.83	14.77	14.72	35.99	21.58	21.53	51.68	83.84	83.79	195.15
2035-04-04	1.58	1.51	9.88	0.76	0.69	4.45	0.15	0.08	0.43	0.88	0.86	5.73	0.70	0.69	4.54	0.21	0.19	1.29	15.09	15.01	37.40	21.89	21.82	53.09	84.15	84.08	196.56
2035-04-05	2.52	2.42	14.05	1.21	1.11	6.62	0.24	0.14	1.14	1.41	1.38	7.82	1.12	1.10	6.21	0.33	0.31	1.76	16.06	15.93	39.72	22.87	22.74	55.41	85.12	84.99	198.88
2035-04-06	1.50	1.50	14.70	0.72	0.72	6.77	0.14	0.15	0.91	0.84	0.82	8.37	0.66	0.65	6.64	0.20	0.18	1.88	16.78	16.63	41.74	23.59	23.44	57.43	85.85	85.70	200.90
2035-04-07	1.44	1.40	16.62	0.69	0.65	8.21	0.14	0.10	1.99	0.80	0.79	8.89	0.64	0.63	7.05	0.19	0.18	2.01	16.74	16.62	41.60	23.54	23.43	57.29	85.80	85.69	200.76
2035-04-08	1.51	1.46	13.50	0.72	0.68	6.20	0.14	0.10	0.80	0.84	0.83	7.70	0.67	0.66	6.11	0.20	0.19	1.73	16.20	16.08	39.04	23.01	22.89	54.73	85.27	85.15	198.20
2035-04-09	1.72	1.69	13.82	0.83	0.80	6.31	0.17	0.14	0.76	0.96	0.95	7.92	0.77	0.75	6.28	0.23	0.21	1.78	15.85	15.73	36.29	22.66	22.54	51.98	84.92	84.80	195.45
2035-04-10	1.68	1.65	14.51	0.80	0.78	7.31	0.16	0.14	1.99	0.94	0.92	7.61	0.74	0.73	6.04	0.22	0.21	1.72	15.63	15.52	36.45	22.44	22.33	52.14	84.70	84.59	195.61
2035-04-11	1.71	1.67	12.25	0.82	0.78	5.20	0.16	0.12	0.00	0.96	0.94	7.42	0.76	0.75	5.88	0.23	0.21	1.66	15.44	15.34	35.96	22.25	22.15	51.64	84.51	84.41	195.12
2035-04-12	2.19	2.11	14.96	1.05	0.98	6.79	0.21	0.14	0.75	1.22	1.20	8.61	0.97	0.95	6.83	0.29	0.27	1.93	15.21	15.12	35.77	22.02	21.93	51.46	84.27	84.	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2035-05-11	4.34	4.21	4.57	2.08	1.96	2.10	0.42	0.29	0.28	2.42	2.38	2.60	1.93	1.89	2.07	0.57	0.54	0.58	37.46	37.20	21.83	49.81	49.55	29.72	200.12	199.86	125.60
2035-05-12	3.96	3.82	4.25	1.90	1.76	1.96	0.38	0.24	0.26	2.21	2.17	2.42	1.76	1.72	1.92	0.52	0.49	0.54	37.58	37.08	21.74	49.94	49.44	29.62	200.25	199.75	125.50
2035-05-13	3.79	3.67	3.72	1.82	1.70	1.72	0.36	0.25	0.24	2.11	2.08	2.11	1.68	1.65	1.67	0.50	0.47	0.47	39.41	38.78	22.19	51.76	51.14	30.07	202.07	201.45	125.96
2035-05-14	3.69	3.57	3.30	1.77	1.65	1.53	0.35	0.24	0.21	2.06	2.02	1.87	1.64	1.60	1.48	0.49	0.45	0.42	41.13	40.62	23.57	53.48	52.97	31.46	203.79	203.28	127.34
2035-05-15	3.90	3.76	2.97	1.87	1.73	1.37	0.37	0.24	0.19	2.17	2.14	1.68	1.73	1.70	1.33	0.51	0.48	0.38	117.51	117.29	72.73	150.38	150.16	93.70	731.34	731.12	464.29
2035-05-16	4.37	4.22	2.69	2.10	1.95	1.25	0.42	0.27	0.18	2.44	2.40	1.53	1.94	1.90	1.21	0.58	0.54	0.34	116.28	116.07	72.52	149.16	148.95	93.49	730.11	729.90	464.09
2035-05-17	5.00	4.52	2.47	2.40	1.92	1.14	0.48	0.00	0.16	2.79	2.74	1.40	2.22	2.17	1.11	0.66	0.61	0.31	115.61	115.41	72.37	148.48	148.28	93.34	729.44	729.24	463.93
2035-05-18	6.35	5.75	2.28	3.05	2.44	1.06	0.61	0.00	0.15	3.55	3.48	1.29	2.82	2.76	1.02	0.84	0.78	0.29	115.78	115.55	72.47	148.65	148.42	93.44	729.61	729.38	464.03
2035-05-19	7.59	6.86	2.12	3.64	2.91	0.98	0.73	0.00	0.14	4.23	4.15	1.20	3.37	3.29	0.95	1.00	0.93	0.27	115.73	115.52	72.56	148.60	148.39	93.53	729.56	729.35	464.12
2035-05-20	7.81	7.38	1.99	3.75	3.32	0.92	0.75	0.32	0.13	4.36	4.28	1.12	3.47	3.39	0.89	1.03	0.96	0.25	115.10	114.91	72.41	147.97	147.78	93.37	728.92	728.74	463.97
2035-05-21	9.30	9.98	1.87	4.47	5.14	0.87	0.89	1.57	0.13	5.19	5.10	1.06	4.13	4.05	0.84	1.23	1.15	0.24	114.51	114.35	72.26	147.38	147.22	93.23	728.34	728.18	463.83
2035-05-22	12.46	11.27	1.77	5.98	4.79	0.82	1.19	0.00	0.12	6.95	6.83	1.00	5.54	5.42	0.79	1.64	1.53	0.22	119.26	118.75	76.45	152.13	151.62	97.42	733.09	732.58	468.01
2035-05-23	12.59	12.46	1.68	6.04	5.92	0.78	1.21	1.08	0.12	7.03	6.90	0.95	5.59	5.47	0.75	1.66	1.55	0.21	126.90	126.34	84.95	159.77	159.21	105.91	740.73	740.17	476.51
2035-05-24	10.38	9.75	1.60	4.98	4.35	0.74	0.99	0.36	0.11	5.79	5.69	0.90	4.61	4.51	0.72	1.37	1.28	0.20	120.39	120.19	78.91	153.26	153.07	99.88	734.22	734.02	470.47
2035-05-25	9.26	8.93	1.53	4.44	4.12	0.71	0.89	0.56	0.11	5.17	5.08	0.86	4.11	4.03	0.68	1.22	1.14	0.19	118.32	118.06	77.29	151.19	150.93	98.26	732.15	731.89	468.85
2035-05-26	9.08	8.82	1.48	4.36	4.09	0.69	0.87	0.60	0.10	5.07	4.98	0.84	4.03	3.95	0.66	1.20	1.12	0.19	116.87	116.64	76.20	149.74	149.51	97.17	730.70	730.47	467.76
2035-05-27	9.96	9.64	1.64	4.78	4.46	0.76	0.96	0.63	0.10	5.56	5.46	0.93	4.42	4.33	0.74	1.31	1.23	0.21	115.80	115.60	75.38	148.67	148.47	96.35	729.63	729.43	466.94
2035-05-28	9.64	9.37	1.97	4.63	4.35	0.91	0.92	0.65	0.12	5.38	5.29	1.12	4.28	4.19	0.89	1.27	1.19	0.25	114.98	114.81	74.74	147.85	147.68	95.71	728.81	728.64	466.30
2035-05-29	8.67	8.34	1.91	4.16	3.83	0.88	0.83	0.50	0.13	4.84	4.76	1.08	3.85	3.77	0.86	1.14	1.07	0.24	114.35	114.19	74.22	147.22	147.06	95.19	728.17	728.02	465.79
2035-05-30	8.36	8.04	2.08	4.01	3.69	0.96	0.80	0.48	0.13	4.66	4.58	1.18	3.71	3.64	0.94	1.10	1.03	0.27	113.99	113.84	73.81	146.86	146.71	94.78	727.82	727.67	465.37
2035-05-31	7.36	7.10	2.00	3.53	3.27	0.93	0.71	0.44	0.14	4.11	4.04	1.13	3.27	3.20	0.89	0.97	0.91	0.25	114.40	114.21	74.04	147.27	147.08	95.01	728.23	728.04	465.60
2035-06-01	6.13	5.93	1.88	2.94	2.74	0.87	0.59	0.39	0.13	3.42	3.36	1.06	2.72	2.67	0.84	0.81	0.76	0.24	114.57	114.39	86.85	147.44	147.26	111.62	728.40	728.22	549.31
2035-06-02	6.36	6.08	1.93	3.05	2.77	0.89	0.61	0.33	0.12	3.55	3.49	1.09	2.82	2.77	0.87	0.84	0.78	0.25	114.01	113.87	86.44	146.89	146.74	111.21	727.84	727.70	548.90
2035-06-03	6.92	6.70	1.98	3.32	3.10	0.92	0.66	0.44	0.13	3.86	3.79	1.12	3.07	3.01	0.89	0.91	0.85	0.25	113.56	113.43	86.10	146.43	146.31	110.86	727.39	727.26	548.56
2035-06-04	6.29	6.05	1.86	3.02	2.78	0.86	0.60	0.37	0.13	3.51	3.45	1.05	2.79	2.73	0.84	0.83	0.77	0.24	113.19	113.08	85.81	146.06	145.95	110.57	727.02	726.90	548.26
2035-06-05	5.95	5.71	1.76	2.86	2.62	0.82	0.57	0.33	0.12	3.32	3.26	1.00	2.64	2.59	0.79	0.78	0.73	0.22	112.88	112.77	85.56	145.75	145.64	110.32	726.71	726.60	548.02
2035-06-06	5.74	5.51	1.67	2.75	2.53	0.78	0.55	0.32	0.11	3.20	3.15	0.95	2.55	2.50	0.75	0.76	0.71	0.21	112.62	112.52	85.35	145.49	145.39	110.11	726.45	726.35	547.80
2035-06-07	5.44	5.22	1.60	2.61	2.40	0.74	0.52	0.31	0.11	3.03	2.98	0.90	2.41	2.36	0.71	0.72	0.67	0.20	112.39	112.30	85.16	145.27	145.17	109.93	726.22	726.13	547.62
2035-06-08	5.13	4.93	1.53	2.46	2.26	0.71	0.49	0.29	0.10	2.86	2.81	0.86	2.28	2.23	0.68	0.68	0.63	0.19	112.20	112.12	85.00	145.07	144.99	109.77	726.03	725.95	547.46
2035-06-09	4.76	4.58	1.47	2.28	2.11	0.68	0.46	0.28	0.10	2.65	2.61	0.83	2.11	2.07	0.66	0.63	0.59	0.19	112.03	111.95	84.87	144.90	144.83	109.63	725.86	725.78	547.33
2035-06-10	4.40	4.24	1.41	2.11	1.95	0.66	0.42	0.26	0.10	2.45	2.41	0.79	1.95	1.91	0.63	0.58	0.54	0.18	111.89	111.81	84.74	144.76	144.68	109.51	725.72	725.64	547.20
2035-06-11	4.12	3.96	1.36	1.98	1.82	0.63	0.39	0.24	0.10	2.30	2.26	0.77	1.83	1.79	0.61	0.54	0.51	0.17	111.77	111.70	84.64	144.65	144.57	109.40	725.60	725.53	547.09
2035-06-12	3.84	3.70	1.32	1.84	1.71	0.62	0.37	0.23	0.10	2.14	2.11	0.74	1.71	1.67	0.59	0.51	0.47	0.17	111.67	111.61	84.54	144.55	144.48	109.31	725.50	725.44	547.00
2035-06-13	3.52	3.40	1.28	1.69	1.57	0.60	0.34	0.22	0.09	1.96	1.93	0.72	1.56	1.53	0.57	0.46	0.43	0.16	111.58	111.52	84.45	144.45	144.39	109.22	725.41	725.35	546.91
2035-06-14	3.50	3.36	1.24	1.68	1.54	0.58	0.34	0.20	0.09	1.95	1.92	0.70	1.55	1.52	0.55	0.46	0.43	0.16	111.50	111.44	84.38	144.37	144.31	109.14	725.33	725.27	546.84
2035-06-15	3.85	3.69	1.23	1.85	1.68	0.58	0.37	0.20	0.09	2.15	2.11	0.69	1.71	1.68	0.55	0.51	0.47	0.16	152.31	152.25	115.12	187.26	187.21	141.45	1003.12	1003.07	756.12
2035-06-16	4.11	3.94	1.23	1.97	1.80	0.57	0.39	0.22	0.09	2.29	2.25	0.69	1.82	1.79	0.55	0.54	0.51	0.15	152.23	152.18	115.05	187.18	187.13	141.38	1003.04	1002.99	756.05
2035-06-17	3.88	3.74	1.19	1.86	1.72	0.56	0.37	0.23	0.09	2.16	2.13	0.67	1.72	1.69	0.53	0.51	0.48	0.15	152.16	152.11	114.99	187.11	187.06	141.33	1002.97	1002.92	756.00
2035-06-18	3.63	3.50	1.16	1.74	1.61	0.54	0.35	0.22	0.08	2.03	1.99	0.65	1.61	1.58	0.52	0.48	0.45	0.15	152.10	152.05	114.94	187.05	187.00	141.27	1002.91	1002.86	755.94
2035-06-19	3.60	3.46	1.14	1.73	1.59	0.53	0.35	0.21	0.09	2.01	1.97	0.64	1.60	1.57	0.51	0.47	0.44	0.14	174.76	173.15	128.31	209.71	208.10	154.65	1025.57	1023.96	769.31
2035-06-20	3.38	3.26	1.11	1.62	1.50	0.52	0.32	0.21	0.08	1.89	1.85	0.62	1.50	1.47	0.49	0.45	0.42	0.14	230.53	227.87	161.33	265.48	262.83	187.66	1081.34	1078.69	802.33
2035-06-21	3.04	2.94	1.09	1.46	1.36	0.51	0.29	0.19	0.08	1.69	1.67	0.61	1.35	1.32	0.48	0.40	0.37	0.14	186.01	185.59	138.16	220.97	220.54	164.49	1036.83	10	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2035-07-21	1.29	1.26	0.99	0.62	0.59	0.46	0.12	0.09	0.08	0.72	0.70	0.55	0.57	0.56	0.44	0.17	0.16	0.12	64.09	64.02	60.78	84.45	84.38	80.11	509.65	509.59	483.58
2035-07-22	1.25	1.22	0.97	0.60	0.57	0.45	0.12	0.09	0.07	0.70	0.68	0.54	0.55	0.54	0.43	0.16	0.15	0.12	63.99	63.93	60.70	84.35	84.29	80.02	509.56	509.49	483.50
2035-07-23	1.22	1.19	0.96	0.58	0.55	0.45	0.12	0.09	0.07	0.68	0.67	0.54	0.54	0.53	0.42	0.16	0.15	0.12	63.90	63.84	60.62	84.26	84.20	79.94	509.47	509.41	483.42
2035-07-24	1.19	1.16	0.94	0.57	0.54	0.44	0.11	0.08	0.07	0.66	0.65	0.53	0.53	0.52	0.42	0.16	0.15	0.12	63.82	63.76	60.55	84.18	84.12	79.87	509.39	509.33	483.35
2035-07-25	1.16	1.13	0.93	0.56	0.53	0.44	0.11	0.08	0.07	0.65	0.63	0.52	0.51	0.50	0.41	0.15	0.14	0.12	63.75	63.69	60.48	84.11	84.06	79.81	509.31	509.26	483.28
2035-07-26	1.13	1.11	0.92	0.54	0.52	0.43	0.11	0.08	0.07	0.63	0.62	0.51	0.50	0.49	0.41	0.15	0.14	0.12	63.68	63.63	60.42	84.04	83.99	79.75	509.25	509.20	483.22
2035-07-27	1.11	1.08	0.91	0.53	0.51	0.43	0.11	0.08	0.07	0.62	0.61	0.51	0.49	0.48	0.40	0.15	0.14	0.11	63.62	63.57	60.37	83.99	83.93	79.70	509.19	509.14	483.17
2035-07-28	1.09	1.06	0.90	0.52	0.50	0.42	0.10	0.08	0.07	0.61	0.59	0.50	0.48	0.47	0.40	0.14	0.13	0.11	63.57	63.52	60.32	83.93	83.88	79.65	509.13	509.09	483.12
2035-07-29	1.07	1.04	0.89	0.51	0.49	0.42	0.10	0.08	0.07	0.59	0.58	0.50	0.47	0.46	0.40	0.14	0.13	0.11	63.60	63.54	60.34	83.96	83.91	79.66	509.16	509.11	483.14
2035-07-30	1.05	1.02	0.88	0.50	0.48	0.41	0.10	0.08	0.07	0.58	0.57	0.49	0.46	0.45	0.39	0.14	0.13	0.11	63.62	63.57	60.35	83.98	83.94	79.68	509.19	509.14	483.15
2035-07-31	1.03	1.01	0.87	0.49	0.47	0.41	0.10	0.08	0.07	0.57	0.56	0.49	0.46	0.45	0.39	0.14	0.13	0.11	63.56	63.52	60.30	83.93	83.88	79.63	509.13	509.09	483.10
2035-08-01	1.01	0.99	0.87	0.49	0.46	0.41	0.10	0.08	0.07	0.56	0.55	0.48	0.45	0.44	0.38	0.13	0.12	0.11	65.17	65.01	57.20	85.53	85.37	75.11	510.74	510.57	449.04
2035-08-02	1.00	0.98	0.86	0.48	0.46	0.40	0.10	0.07	0.07	0.56	0.55	0.48	0.44	0.43	0.38	0.13	0.12	0.11	67.91	67.68	59.37	88.27	88.04	77.28	513.47	513.25	451.21
2035-08-03	0.98	0.96	0.85	0.47	0.45	0.40	0.09	0.07	0.07	0.55	0.54	0.48	0.44	0.43	0.38	0.13	0.12	0.11	65.24	65.21	57.33	85.60	85.57	75.24	510.80	510.78	449.16
2035-08-04	1.01	0.98	0.86	0.48	0.46	0.40	0.10	0.07	0.07	0.56	0.55	0.48	0.45	0.44	0.38	0.13	0.12	0.11	64.99	64.89	57.09	85.36	85.26	75.00	510.56	510.46	448.92
2035-08-05	1.07	1.05	0.92	0.51	0.49	0.43	0.10	0.08	0.07	0.60	0.59	0.51	0.48	0.47	0.41	0.14	0.13	0.12	65.57	65.42	57.47	85.93	85.79	75.38	511.14	510.99	449.30
2035-08-06	1.34	1.29	1.15	0.64	0.59	0.53	0.13	0.08	0.07	0.75	0.74	0.65	0.60	0.58	0.52	0.18	0.17	0.15	67.28	67.04	58.60	87.64	87.41	76.51	512.84	512.61	450.43
2035-08-07	1.93	1.85	1.58	0.93	0.84	0.73	0.18	0.10	0.09	1.08	1.06	0.90	0.86	0.84	0.72	0.25	0.24	0.20	66.36	66.24	57.99	86.72	86.60	75.90	511.92	511.81	449.83
2035-08-08	1.29	1.29	1.07	0.62	0.62	0.51	0.12	0.12	0.11	0.72	0.71	0.58	0.57	0.56	0.46	0.17	0.16	0.13	65.93	65.80	57.70	86.29	86.17	75.61	511.50	511.37	449.53
2035-08-09	1.26	1.23	1.02	0.60	0.57	0.48	0.12	0.09	0.08	0.70	0.69	0.57	0.56	0.55	0.45	0.17	0.15	0.13	65.57	65.46	57.46	85.94	85.82	75.37	511.14	511.03	449.29
2035-08-10	1.27	1.23	1.02	0.61	0.57	0.48	0.12	0.09	0.08	0.71	0.69	0.57	0.56	0.55	0.45	0.17	0.16	0.13	65.28	65.17	57.26	85.64	85.54	75.17	510.85	510.74	449.09
2035-08-11	1.27	1.24	1.02	0.61	0.58	0.48	0.12	0.09	0.08	0.71	0.70	0.57	0.56	0.55	0.45	0.17	0.16	0.13	65.03	64.93	57.08	85.39	85.30	74.99	510.60	510.50	448.92
2035-08-12	1.24	1.21	1.00	0.59	0.56	0.47	0.12	0.09	0.08	0.69	0.68	0.56	0.55	0.54	0.45	0.16	0.15	0.13	64.81	64.72	56.93	85.18	85.09	74.84	510.38	510.29	448.76
2035-08-13	1.20	1.18	0.99	0.58	0.55	0.46	0.12	0.09	0.08	0.67	0.66	0.55	0.53	0.52	0.44	0.16	0.15	0.12	64.63	64.54	56.79	84.99	84.91	74.70	510.19	510.11	448.63
2035-08-14	1.17	1.15	0.97	0.56	0.54	0.46	0.11	0.09	0.08	0.66	0.64	0.54	0.52	0.51	0.43	0.15	0.14	0.12	64.46	64.38	56.67	84.83	84.75	74.58	510.03	509.95	448.51
2035-08-15	1.15	1.12	0.96	0.55	0.52	0.45	0.11	0.08	0.08	0.64	0.63	0.54	0.51	0.50	0.43	0.15	0.14	0.12	30.07	30.00	26.45	40.94	40.87	36.01	225.79	225.72	198.56
2035-08-16	1.12	1.10	0.95	0.54	0.51	0.45	0.11	0.08	0.08	0.63	0.62	0.53	0.50	0.49	0.42	0.15	0.14	0.12	29.95	29.88	26.36	40.81	40.74	35.91	225.66	225.59	198.47
2035-08-17	1.10	1.08	0.94	0.53	0.50	0.44	0.11	0.08	0.07	0.61	0.60	0.52	0.49	0.48	0.41	0.14	0.14	0.12	29.84	29.77	26.27	40.70	40.64	35.83	225.55	225.49	198.39
2035-08-18	1.08	1.05	0.92	0.52	0.49	0.43	0.10	0.08	0.07	0.60	0.59	0.52	0.48	0.47	0.41	0.14	0.13	0.12	29.74	29.68	26.20	40.60	40.54	35.75	225.45	225.39	198.31
2035-08-19	1.06	1.04	0.91	0.51	0.49	0.43	0.10	0.08	0.07	0.59	0.58	0.51	0.47	0.46	0.40	0.14	0.13	0.11	29.65	29.59	26.13	40.51	40.46	35.68	225.37	225.31	198.24
2035-08-20	1.04	1.02	0.90	0.50	0.48	0.43	0.10	0.08	0.07	0.58	0.57	0.50	0.46	0.45	0.40	0.14	0.13	0.11	29.57	29.51	26.07	40.43	40.38	35.62	225.29	225.23	198.18
2035-08-21	1.02	1.00	0.89	0.49	0.47	0.42	0.10	0.08	0.07	0.57	0.56	0.50	0.45	0.44	0.40	0.13	0.13	0.11	29.50	29.44	26.01	40.36	40.31	35.57	225.21	225.16	198.12
2035-08-22	1.01	0.99	0.89	0.48	0.46	0.42	0.10	0.08	0.07	0.56	0.55	0.49	0.45	0.44	0.39	0.13	0.12	0.11	29.43	29.38	25.96	40.30	40.25	35.51	225.15	225.10	198.07
2035-08-23	0.99	0.97	0.88	0.48	0.46	0.41	0.09	0.08	0.07	0.55	0.54	0.49	0.44	0.43	0.39	0.13	0.12	0.11	29.37	29.32	25.91	40.24	40.19	35.47	225.09	225.04	198.02
2035-08-24	0.98	0.96	0.87	0.47	0.45	0.41	0.09	0.08	0.07	0.54	0.54	0.48	0.43	0.42	0.38	0.13	0.12	0.11	29.44	29.39	25.95	40.31	40.25	35.50	225.16	225.10	198.06
2035-08-25	0.96	0.95	0.86	0.46	0.44	0.41	0.09	0.07	0.07	0.54	0.53	0.48	0.43	0.42	0.38	0.13	0.12	0.11	30.21	30.11	26.41	41.07	40.97	35.96	225.92	225.82	198.52
2035-08-26	0.95	0.93	0.85	0.46	0.44	0.40	0.09	0.07	0.07	0.53	0.52	0.48	0.42	0.41	0.38	0.13	0.12	0.11	30.48	30.38	26.65	41.34	41.25	36.20	226.19	226.10	198.76
2035-08-27	0.94	0.92	0.85	0.45	0.43	0.40	0.09	0.07	0.07	0.52	0.51	0.47	0.42	0.41	0.37	0.12	0.12	0.11	29.92	29.86	26.27	40.78	40.73	35.82	225.63	225.58	198.38
2035-08-28	0.93	0.91	0.84	0.45	0.43	0.40	0.09	0.07	0.07	0.52	0.51	0.47	0.41	0.40	0.37	0.12	0.11	0.11	29.81	29.74	26.18	40.67	40.61	35.74	225.52	225.46	198.30
2035-08-29	1.42	1.36	1.25	0.68	0.62	0.57	0.14	0.07	0.07	0.79	0.78	0.72	0.63	0.62	0.57	0.19	0.17	0.16	29.71	29.65	26.12	40.58	40.52	35.67	225.43	225.37	198.23
2035-08-30	2.20	2.10	1.87	1.06	0.96	0.85	0.21	0.11	0.10	1.23	1.21	1.07	0.98	0.96	0.85	0.29	0.27	0.24	29.63	29.57	26.06	40.49	40.43	35.61	225.34	225.29	198.17
2035-08-31	1.27	1.28	1.12	0.61	0.62	0.55	0.12	0.14	0.12	0.71	0.70	0.61	0.56	0.55	0.48	0.17	0.16	0.14	29.55	29.50	26.00	40.41	40.36	35.56	225.27	225.21	198.11
2035-09-01	1.80	1.72	1.63	0.86	0.78	0.74	0.17	0.09	0.08	1.00	0.99	0.94	0.80	0.78	0.74	0.24	0.22	0.21									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2035-09-30	1.45	1.40	1.42	0.70	0.64	0.65	0.14	0.08	0.09	0.81	0.80	0.81	0.65	0.63	0.64	0.19	0.18	0.18	31.31	30.41	32.13	40.12	39.22	41.04	170.12	169.22	172.63
2035-10-01	2.18	2.08	2.12	1.05	0.95	0.96	0.21	0.11	0.11	1.21	1.19	1.22	0.97	0.95	0.97	0.29	0.27	0.27	29.15	28.79	30.42	37.95	37.59	39.63	167.95	167.59	175.63
2035-10-02	1.49	1.49	1.50	0.72	0.71	0.72	0.14	0.14	0.14	0.83	0.82	0.83	0.66	0.65	0.66	0.20	0.18	0.19	27.11	26.82	28.23	35.91	35.63	37.44	165.92	165.63	173.43
2035-10-03	1.44	1.40	1.42	0.69	0.65	0.66	0.14	0.10	0.10	0.80	0.79	0.80	0.64	0.63	0.63	0.19	0.18	0.18	25.54	25.30	26.54	34.34	34.10	35.75	164.34	164.11	171.74
2035-10-04	1.39	1.35	1.37	0.67	0.63	0.64	0.13	0.10	0.10	0.77	0.76	0.77	0.62	0.60	0.61	0.18	0.17	0.17	24.35	24.14	25.26	33.15	32.95	34.47	163.15	162.95	170.47
2035-10-05	1.34	1.30	1.32	0.64	0.61	0.61	0.13	0.09	0.09	0.75	0.74	0.74	0.60	0.58	0.59	0.18	0.17	0.17	23.45	23.27	24.31	32.25	32.07	33.52	162.25	162.07	169.52
2035-10-06	1.30	1.26	1.27	0.62	0.58	0.59	0.12	0.08	0.08	0.73	0.71	0.72	0.58	0.56	0.57	0.17	0.16	0.16	22.75	22.37	23.35	31.55	31.17	32.56	161.55	161.18	168.56
2035-10-07	1.26	1.23	1.24	0.61	0.57	0.58	0.12	0.09	0.09	0.70	0.69	0.70	0.56	0.55	0.55	0.17	0.16	0.16	22.51	22.15	23.16	31.32	30.95	32.37	161.32	160.96	168.36
2035-10-08	1.23	1.20	1.21	0.59	0.56	0.57	0.12	0.09	0.09	0.69	0.67	0.68	0.55	0.53	0.54	0.16	0.15	0.15	22.29	21.94	22.96	31.09	30.74	32.17	161.09	160.75	168.17
2035-10-09	1.20	1.20	1.20	0.58	0.57	0.58	0.12	0.11	0.11	0.67	0.66	0.66	0.53	0.52	0.53	0.16	0.15	0.15	21.82	21.51	22.49	30.62	30.31	31.70	160.63	160.31	167.69
2035-10-10	1.18	1.08	1.13	0.57	0.46	0.51	0.11	0.01	0.05	0.66	0.65	0.65	0.52	0.51	0.52	0.16	0.15	0.15	21.79	21.48	22.49	30.59	30.28	31.70	160.60	160.28	167.70
2035-10-11	1.16	1.13	1.13	0.56	0.53	0.52	0.11	0.08	0.06	0.65	0.64	0.64	0.52	0.51	0.51	0.15	0.14	0.14	21.73	21.43	22.46	30.54	30.23	31.67	160.54	160.23	167.67
2035-10-12	1.14	1.12	1.13	0.55	0.52	0.53	0.11	0.09	0.09	0.64	0.63	0.63	0.51	0.50	0.50	0.15	0.14	0.14	21.37	21.09	22.08	30.17	29.89	31.29	160.17	159.89	167.29
2035-10-13	1.12	1.10	1.11	0.54	0.51	0.52	0.11	0.08	0.09	0.62	0.61	0.62	0.50	0.49	0.49	0.15	0.14	0.14	21.06	20.82	21.77	29.86	29.63	30.98	159.87	159.63	166.97
2035-10-14	1.10	1.07	1.09	0.53	0.50	0.51	0.11	0.08	0.08	0.61	0.60	0.61	0.49	0.48	0.48	0.14	0.13	0.14	20.80	20.70	21.65	29.60	29.50	30.86	159.61	159.51	166.85
2035-10-15	1.08	1.05	1.07	0.52	0.50	0.50	0.10	0.08	0.08	0.60	0.59	0.60	0.48	0.47	0.47	0.14	0.13	0.13	20.15	20.06	20.97	28.07	27.97	29.25	137.13	137.03	143.34
2035-10-16	1.09	1.06	1.08	0.52	0.50	0.51	0.10	0.08	0.08	0.61	0.60	0.61	0.48	0.47	0.48	0.14	0.13	0.14	19.99	19.90	20.81	27.91	27.82	29.09	136.97	136.88	143.18
2035-10-17	1.24	1.20	1.28	0.59	0.56	0.60	0.12	0.09	0.09	0.69	0.68	0.72	0.55	0.54	0.57	0.16	0.15	0.16	19.82	20.01	20.98	27.73	27.92	29.26	136.79	136.98	143.34
2035-10-18	1.93	1.75	1.95	0.93	0.74	0.83	0.19	0.00	0.00	1.08	1.06	1.18	0.86	0.84	0.94	0.25	0.24	0.26	19.66	19.47	20.35	27.58	27.38	28.63	136.64	136.44	142.71
2035-10-19	2.31	2.15	2.46	1.11	0.94	1.09	0.22	0.06	0.08	1.29	1.27	1.44	1.03	1.01	1.14	0.30	0.28	0.32	19.53	19.34	20.21	27.44	27.26	28.49	136.50	136.32	142.58
2035-10-20	1.71	1.69	1.89	0.82	0.80	0.89	0.16	0.14	0.16	0.96	0.94	1.05	0.76	0.75	0.83	0.23	0.21	0.24	19.41	19.30	20.09	27.32	27.21	28.37	136.38	136.27	142.45
2035-10-21	1.73	1.68	1.87	0.83	0.78	0.87	0.17	0.12	0.13	0.96	0.95	1.06	0.77	0.75	0.84	0.23	0.21	0.24	19.30	19.23	20.07	27.22	27.15	28.35	136.28	136.21	142.44
2035-10-22	1.65	1.60	1.77	0.79	0.75	0.82	0.16	0.11	0.12	0.92	0.90	1.00	0.73	0.72	0.79	0.22	0.20	0.22	19.21	19.15	19.99	27.12	27.06	28.27	136.18	136.12	142.36
2035-10-23	1.57	1.52	1.67	0.76	0.71	0.77	0.15	0.10	0.11	0.88	0.86	0.95	0.70	0.68	0.75	0.21	0.19	0.21	19.12	19.06	19.90	27.04	26.98	28.18	136.10	136.04	142.27
2035-10-24	1.51	1.47	1.60	0.72	0.68	0.74	0.14	0.10	0.11	0.84	0.83	0.90	0.67	0.66	0.72	0.20	0.19	0.20	19.04	18.99	19.82	26.96	26.90	28.10	136.02	135.96	142.19
2035-10-25	1.46	1.42	1.54	0.70	0.66	0.72	0.14	0.10	0.11	0.81	0.80	0.87	0.65	0.63	0.69	0.19	0.18	0.19	18.97	18.92	19.75	26.89	26.84	28.03	135.95	135.90	142.12
2035-10-26	1.41	1.27	1.37	0.68	0.54	0.58	0.14	0.00	0.00	0.79	0.77	0.83	0.63	0.61	0.66	0.19	0.17	0.19	18.98	18.93	19.76	26.90	26.84	28.04	135.96	135.90	142.13
2035-10-27	1.37	1.26	1.38	0.66	0.55	0.62	0.13	0.02	0.05	0.76	0.75	0.80	0.61	0.59	0.64	0.18	0.17	0.18	18.98	18.93	19.77	26.90	26.85	28.05	135.96	135.91	142.14
2035-10-28	1.35	1.32	1.41	0.65	0.61	0.66	0.13	0.10	0.10	0.75	0.74	0.80	0.60	0.59	0.63	0.18	0.17	0.18	18.92	18.86	19.70	26.83	26.78	27.98	135.89	135.84	142.07
2035-10-29	1.33	1.20	1.29	0.64	0.51	0.55	0.13	0.00	0.00	0.74	0.73	0.78	0.59	0.58	0.62	0.18	0.16	0.18	18.86	18.80	19.63	26.77	26.71	27.91	135.83	135.77	141.99
2035-10-30	1.29	1.17	1.25	0.62	0.50	0.53	0.12	0.00	0.00	0.72	0.71	0.76	0.57	0.56	0.60	0.17	0.16	0.17	18.81	18.75	19.57	26.72	26.66	27.85	135.78	135.72	141.94
2035-10-31	1.25	1.13	1.21	0.60	0.48	0.51	0.12	0.00	0.00	0.70	0.69	0.73	0.56	0.54	0.58	0.17	0.15	0.16	18.76	18.70	19.52	26.67	26.62	27.80	135.73	135.68	141.89
2035-11-01	1.22	1.16	1.22	0.59	0.53	0.55	0.12	0.06	0.05	0.68	0.67	0.71	0.54	0.53	0.56	0.16	0.15	0.16	18.71	18.68	19.00	26.63	26.60	27.05	135.69	135.66	137.93
2035-11-02	1.19	1.16	1.22	0.57	0.54	0.57	0.11	0.08	0.09	0.66	0.65	0.69	0.53	0.52	0.55	0.16	0.15	0.15	18.67	18.63	18.94	26.59	26.54	26.99	135.65	135.60	137.87
2035-11-03	1.16	1.13	1.19	0.56	0.52	0.55	0.11	0.08	0.08	0.65	0.64	0.67	0.52	0.50	0.53	0.15	0.14	0.15	18.63	18.59	18.91	26.55	26.50	26.95	135.61	135.56	137.84
2035-11-04	1.47	1.40	1.59	0.70	0.64	0.72	0.14	0.08	0.08	0.82	0.80	0.91	0.65	0.64	0.72	0.19	0.18	0.20	18.60	18.55	18.86	26.51	26.46	26.91	135.57	135.52	137.79
2035-11-05	2.20	2.10	2.49	1.06	0.95	1.12	0.21	0.11	0.12	1.23	1.21	1.43	0.98	0.96	1.14	0.29	0.27	0.32	18.57	18.52	18.83	26.48	26.43	26.88	135.54	135.49	137.76
2035-11-06	1.51	1.50	1.71	0.73	0.71	0.81	0.15	0.13	0.15	0.85	0.83	0.95	0.67	0.66	0.75	0.20	0.19	0.21	18.54	18.49	18.80	26.45	26.40	26.84	135.51	135.46	137.72
2035-11-07	1.46	1.40	1.58	0.70	0.65	0.73	0.14	0.09	0.10	0.81	0.80	0.90	0.65	0.63	0.71	0.19	0.18	0.20	18.51	18.47	18.77	26.42	26.38	26.82	135.48	135.44	137.70
2035-11-08	1.40	1.35	1.51	0.67	0.62	0.69	0.13	0.08	0.09	0.78	0.77	0.86	0.62	0.61	0.68	0.18	0.17	0.19	18.48	18.44	18.75	26.40	26.35	26.79	135.46	135.41	137.67
2035-11-09	1.36	1.31	1.45	0.65	0.60	0.67	0.13	0.08	0.09	0.76	0.74	0.83	0.60	0.59	0.65	0.18	0.17	0.19	18.46	18.42	18.72	26.37	26.34	26.77	135.43	135.40	137.65
2035-11-10	1.31	1.27	1.40	0.63	0.59	0.65	0.13	0.08	0.09	0.73	0.72	0.79	0.58	0.57	0.63	0.17	0.16	0.18	18.43	18.39	18.70	26.35	26.31	26.74	135.41	135.37	137.63
2035-11-11	1.28	1.23	1.35	0.61	0.57	0.62	0.12	0.08	0.08	0.71	0.70	0.77	0.57	0.55	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2035-12-10	0.84	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.36	0.37	0.11	0.10	0.10	18.41	18.37	18.45	27.07	27.03	27.15	122.91	122.87	123.41
2035-12-11	0.83	0.81	0.82	0.40	0.37	0.38	0.08	0.05	0.06	0.46	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.10	18.41	18.38	18.45	27.07	27.04	27.15	122.91	122.88	123.41
2035-12-12	0.83	0.80	0.81	0.40	0.37	0.37	0.08	0.05	0.05	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.10	18.41	18.38	18.45	27.07	27.04	27.15	122.91	122.88	123.41
2035-12-13	0.82	0.79	0.81	0.39	0.37	0.37	0.08	0.05	0.05	0.46	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.10	18.41	18.39	18.46	27.07	27.05	27.16	122.91	122.89	123.42
2035-12-14	0.82	0.79	0.81	0.39	0.37	0.37	0.08	0.05	0.06	0.46	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	18.41	18.39	18.46	27.07	27.05	27.16	122.91	122.89	123.42
2035-12-15	0.81	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.15	13.12	13.20	19.27	19.24	19.34	81.12	81.09	81.46
2035-12-16	0.81	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.23	13.20	13.32	19.35	19.32	19.46	81.20	81.17	81.58
2035-12-17	0.80	0.78	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.35	0.11	0.10	0.10	13.11	13.09	13.17	19.23	19.21	19.32	81.07	81.06	81.44
2035-12-18	0.80	0.79	0.80	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.10	13.08	13.14	19.22	19.20	19.28	81.07	81.05	81.40
2035-12-19	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.09	13.06	13.11	19.21	19.18	19.26	81.06	81.03	81.38
2035-12-20	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	13.09	13.05	13.10	19.21	19.17	19.25	81.06	81.02	81.37
2035-12-21	0.79	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	13.09	13.06	13.10	19.21	19.18	19.25	81.06	81.02	81.37
2035-12-22	0.79	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.09	13.06	13.11	19.21	19.18	19.26	81.06	81.03	81.38
2035-12-23	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.43	0.35	0.35	0.34	0.10	0.10	0.10	13.09	13.06	13.11	19.21	19.18	19.26	81.06	81.03	81.38
2035-12-24	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.43	0.35	0.35	0.34	0.10	0.10	0.10	13.09	13.07	13.11	19.21	19.19	19.26	81.06	81.03	81.38
2035-12-25	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.09	13.07	13.12	19.21	19.19	19.26	81.06	81.04	81.38
2035-12-26	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.10	13.07	13.11	19.22	19.19	19.26	81.06	81.04	81.38
2035-12-27	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	13.15	13.12	13.18	19.27	19.24	19.32	81.12	81.09	81.44
2035-12-28	0.80	0.79	0.79	0.38	0.38	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.21	13.19	13.25	19.33	19.31	19.40	81.18	81.15	81.52
2035-12-29	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.10	13.08	13.13	19.22	19.20	19.28	81.07	81.05	81.40
2035-12-30	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.09	13.07	13.11	19.21	19.19	19.26	81.06	81.03	81.38
2035-12-31	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.10	13.07	13.12	19.21	19.19	19.26	81.06	81.04	81.38
2036-01-01	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.10	13.07	13.06	19.22	19.19	19.18	81.06	81.04	81.01
2036-01-02	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.10	13.07	13.06	19.22	19.19	19.18	81.07	81.04	81.00
2036-01-03	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	13.10	13.07	13.06	19.22	19.19	19.18	81.07	81.04	81.00
2036-01-04	0.90	0.89	0.92	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.52	0.40	0.39	0.41	0.12	0.11	0.12	13.10	13.07	13.06	19.22	19.19	19.18	81.07	81.04	81.00
2036-01-05	1.13	1.10	1.21	0.54	0.51	0.56	0.11	0.07	0.08	0.63	0.62	0.69	0.50	0.49	0.55	0.15	0.14	0.15	13.10	13.07	13.06	19.22	19.19	19.18	81.07	81.04	81.00
2036-01-06	1.06	1.04	1.12	0.51	0.49	0.53	0.10	0.08	0.09	0.59	0.58	0.63	0.47	0.46	0.50	0.14	0.13	0.14	13.10	13.08	13.07	19.22	19.19	19.18	81.07	81.04	81.01
2036-01-07	0.82	0.82	0.86	0.39	0.40	0.41	0.08	0.08	0.08	0.46	0.45	0.47	0.37	0.36	0.37	0.11	0.10	0.11	13.10	13.08	13.07	19.22	19.20	19.19	81.07	81.05	81.01
2036-01-08	0.82	0.80	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.10	13.21	13.17	13.19	19.33	19.29	19.31	81.17	81.14	81.13
2036-01-09	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.46	0.36	0.35	0.37	0.11	0.10	0.10	13.41	13.37	13.45	19.53	19.49	19.56	81.38	81.34	81.39
2036-01-10	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.10	13.30	13.27	13.32	19.42	19.39	19.44	81.26	81.24	81.26
2036-01-11	0.80	0.79	0.82	0.39	0.37	0.39	0.08	0.07	0.07	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	13.10	13.08	13.08	19.22	19.20	19.20	81.07	81.05	81.02
2036-01-12	0.80	0.79	0.82	0.38	0.37	0.38	0.08	0.06	0.07	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.10	13.09	13.06	13.06	19.21	19.18	19.17	81.05	81.03	81.00
2036-01-13	0.80	0.79	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	13.09	13.06	13.05	19.21	19.18	19.16	81.06	81.02	80.99
2036-01-14	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.43	0.45	0.35	0.34	0.36	0.10	0.10	0.10	13.09	13.06	13.05	19.21	19.18	19.16	81.06	81.03	80.99
2036-01-15	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.43	0.45	0.35	0.34	0.35	0.10	0.10	0.10	10.44	10.41	10.40	16.36	16.33	16.32	69.35	69.32	69.28
2036-01-16	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.44	10.41	10.40	16.36	16.34	16.32	69.35	69.32	69.29
2036-01-17	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.44	10.42	10.41	16.37	16.34	16.32	69.35	69.32	69.29
2036-01-18	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.35	69.33	69.29
2036-01-19	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.45	10.42	10.41	16.37	16.35	16.33	69.35	69.33	69.30
2036-01-20	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.36	69.33	69.29
2036-01-21	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.07	0.07	0.45	0.44	0.43	0.35	0.35	0.34	0.11	0.10	0.10	10.45	10.42	10.41	16.37	16.34	16.33	69.36	69.33	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2036-02-19	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.50	10.48	10.53	15.39	15.36	15.45	65.49	65.46	65.90
2036-02-20	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.50	10.48	10.53	15.39	15.36	15.45	65.49	65.46	65.90
2036-02-21	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.50	10.48	10.53	15.39	15.36	15.45	65.49	65.46	65.90
2036-02-22	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.53	15.39	15.36	15.45	65.49	65.46	65.90
2036-02-23	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.53	15.39	15.36	15.45	65.49	65.46	65.90
2036-02-24	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.53	15.39	15.37	15.45	65.49	65.46	65.91
2036-02-25	0.82	0.81	0.80	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.53	15.39	15.36	15.45	65.49	65.46	65.90
2036-02-26	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.53	15.39	15.37	15.45	65.49	65.47	65.91
2036-02-27	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.53	15.39	15.37	15.45	65.49	65.47	65.91
2036-02-28	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.51	10.48	10.54	15.39	15.37	15.46	65.49	65.47	65.91
2036-02-29	0.83	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.77	10.72	11.09	15.65	15.61	16.01	65.75	65.71	66.47
2036-03-01	0.83	0.81	0.88	0.40	0.38	0.41	0.08	0.07	0.07	0.46	0.45	0.49	0.37	0.36	0.39	0.11	0.10	0.11	12.09	11.97	21.99	16.98	16.85	31.34	67.08	66.95	127.19
2036-03-02	0.83	0.82	0.97	0.40	0.39	0.46	0.08	0.07	0.09	0.46	0.45	0.54	0.37	0.36	0.43	0.11	0.10	0.12	12.81	12.69	23.43	17.70	17.58	32.77	67.80	67.68	128.63
2036-03-03	0.83	0.81	0.82	0.40	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.45	0.37	0.36	0.36	0.11	0.10	0.10	10.89	10.91	20.37	15.77	15.79	29.72	65.87	65.89	125.57
2036-03-04	0.83	0.81	0.89	0.40	0.38	0.42	0.08	0.07	0.07	0.46	0.45	0.50	0.37	0.36	0.40	0.11	0.10	0.11	10.86	10.82	20.15	15.74	15.70	29.49	65.84	65.80	125.35
2036-03-05	0.83	0.82	1.24	0.40	0.39	0.58	0.08	0.07	0.09	0.47	0.46	0.70	0.37	0.36	0.56	0.11	0.10	0.16	10.83	10.79	20.03	15.71	15.68	29.38	65.81	65.77	125.23
2036-03-06	0.84	0.83	1.47	0.40	0.40	0.70	0.08	0.07	0.12	0.47	0.46	0.82	0.37	0.37	0.65	0.11	0.10	0.18	10.80	10.77	19.94	15.69	15.65	29.28	65.79	65.75	125.14
2036-03-07	0.99	0.96	1.63	0.47	0.45	0.76	0.09	0.07	0.12	0.55	0.54	0.92	0.44	0.43	0.73	0.13	0.12	0.21	10.78	10.74	19.89	15.66	15.63	29.23	65.76	65.73	125.09
2036-03-08	1.18	1.14	1.99	0.57	0.53	0.92	0.11	0.08	0.13	0.66	0.65	1.13	0.52	0.51	0.90	0.16	0.15	0.25	10.76	10.72	19.85	15.64	15.61	29.19	65.74	65.71	125.05
2036-03-09	0.84	0.84	1.29	0.40	0.41	0.62	0.08	0.09	0.14	0.47	0.46	0.70	0.37	0.36	0.55	0.11	0.10	0.16	10.73	10.70	19.78	15.62	15.59	29.13	65.72	65.68	124.98
2036-03-10	0.80	0.79	1.21	0.39	0.38	0.56	0.08	0.07	0.09	0.45	0.44	0.68	0.36	0.35	0.54	0.11	0.10	0.15	10.71	10.68	19.73	15.60	15.57	29.08	65.70	65.67	124.93
2036-03-11	0.80	0.79	1.27	0.39	0.37	0.59	0.08	0.07	0.09	0.45	0.44	0.71	0.36	0.35	0.57	0.11	0.10	0.16	10.70	10.66	19.79	15.58	15.55	29.13	65.68	65.65	124.99
2036-03-12	1.48	1.41	3.02	0.71	0.64	1.35	0.14	0.07	0.12	0.83	0.81	1.75	0.66	0.64	1.39	0.20	0.18	0.39	10.77	10.73	20.55	15.65	15.61	29.89	65.75	65.71	125.75
2036-03-13	2.34	2.23	4.87	1.12	1.01	2.25	0.22	0.11	0.32	1.31	1.28	2.76	1.04	1.02	2.19	0.31	0.29	0.62	11.90	11.81	22.69	16.78	16.69	32.04	66.88	66.79	127.89
2036-03-14	1.07	1.11	2.91	0.52	0.55	1.39	0.10	0.14	0.27	0.60	0.59	1.60	0.48	0.47	1.27	0.14	0.13	0.36	12.69	12.58	24.32	17.57	17.47	33.66	67.67	67.57	129.52
2036-03-15	1.06	1.03	2.57	0.51	0.48	1.19	0.10	0.08	0.17	0.59	0.58	1.46	0.47	0.46	1.16	0.14	0.13	0.33	15.67	15.65	31.44	22.51	22.49	44.53	87.90	87.89	169.65
2036-03-16	1.04	1.01	2.37	0.50	0.48	1.09	0.10	0.08	0.16	0.58	0.57	1.34	0.46	0.45	1.06	0.14	0.13	0.30	15.45	15.39	30.98	22.29	22.23	44.07	87.68	87.62	169.18
2036-03-17	1.05	1.03	2.59	0.50	0.48	1.19	0.10	0.08	0.15	0.59	0.58	1.48	0.47	0.46	1.17	0.14	0.13	0.33	15.36	15.30	30.29	22.20	22.14	43.38	87.59	87.53	168.50
2036-03-18	1.10	1.07	3.58	0.53	0.50	1.63	0.11	0.08	0.19	0.61	0.60	2.05	0.49	0.48	1.63	0.14	0.13	0.46	15.28	15.22	29.75	22.12	22.06	42.84	87.51	87.45	167.95
2036-03-19	1.09	1.07	3.40	0.52	0.50	1.59	0.10	0.09	0.26	0.61	0.60	1.91	0.48	0.47	1.51	0.14	0.13	0.43	15.21	15.15	29.45	22.05	21.99	42.54	87.44	87.38	167.66
2036-03-20	1.09	1.06	3.35	0.52	0.50	1.54	0.10	0.08	0.20	0.61	0.60	1.91	0.48	0.47	1.51	0.14	0.13	0.43	15.14	15.09	29.20	21.98	21.93	42.29	87.37	87.32	167.40
2036-03-21	1.08	1.07	3.53	0.52	0.51	1.64	0.10	0.09	0.24	0.60	0.59	2.00	0.48	0.47	1.58	0.14	0.13	0.45	15.08	15.03	28.86	21.92	21.87	41.95	87.31	87.26	167.07
2036-03-22	1.06	1.04	3.31	0.51	0.49	1.54	0.10	0.08	0.23	0.59	0.58	1.87	0.47	0.46	1.48	0.14	0.13	0.42	15.02	14.97	28.57	21.86	21.81	41.66	87.25	87.21	166.78
2036-03-23	1.04	1.02	2.96	0.50	0.48	1.37	0.10	0.08	0.19	0.58	0.57	1.68	0.46	0.45	1.33	0.14	0.13	0.38	14.97	14.92	28.33	21.81	21.76	41.42	87.20	87.15	166.53
2036-03-24	1.03	1.01	2.69	0.49	0.47	1.24	0.10	0.08	0.18	0.57	0.56	1.52	0.46	0.45	1.21	0.14	0.13	0.34	14.92	14.88	28.12	21.77	21.72	41.21	87.16	87.11	166.32
2036-03-25	1.01	0.99	2.58	0.48	0.46	1.19	0.10	0.08	0.16	0.56	0.55	1.47	0.45	0.44	1.16	0.13	0.12	0.33	14.88	14.84	27.94	21.72	21.68	41.03	87.11	87.07	166.14
2036-03-26	0.99	0.98	2.50	0.48	0.46	1.17	0.10	0.08	0.18	0.56	0.55	1.41	0.44	0.43	1.12	0.13	0.12	0.32	14.84	14.80	27.83	21.68	21.64	40.92	87.08	87.03	166.04
2036-03-27	0.98	0.96	2.41	0.47	0.45	1.11	0.09	0.08	0.15	0.55	0.54	1.37	0.44	0.43	1.08	0.13	0.12	0.31	14.82	14.78	28.01	21.66	21.62	41.10	87.05	87.01	166.21
2036-03-28	0.97	0.95	2.54	0.46	0.45	1.18	0.09	0.08	0.17	0.54	0.53	1.45	0.43	0.42	1.16	0.13	0.12	0.34	14.82	14.79	28.54	21.66	21.63	41.63	87.05	87.02	166.75
2036-03-29	0.95	0.94	2.53	0.46	0.44	1.17	0.09	0.07	0.16	0.53	0.52	1.46	0.42	0.42	1.17	0.13	0.12	0.35	14.85	14.82	28.97	21.70	21.66	42.06	87.09	87.05	167.17
2036-03-30	0.94	0.93	2.36	0.45	0.44	1.09	0.09	0.07	0.16	0.53	0.52	1.36	0.42	0.41	1.08	0.12	0.12	0.32	14.96	14.92	30.70	21.80	21.77	43.79	87.19	87.16	168.90
2036-03-31	0.93	0.91	2.19	0.45	0.43	1.01	0.09	0.07	0.15	0.52	0.51	1.26	0.41	0.41	1.00	0.12	0.11	0.30	15.33	15.28	30.02	22.17	22.12	43.11	87.56	87.51	168.22
2036-04-01	0.92	0.91	3.16	0.44	0.43	1.42	0.09	0.07	0.14	0.51	0.50	1.86	0.41	0.40	1.48	0.12	0.11	0.44	15.82	15.76	36.12	22.66	22.60	51.68	88.05	87.99	200.40

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2036-04-30	4.85	4.39	8.70	2.33	1.86	4.04	0.47	0.00	0.59	2.71	2.69	4.99	2.16	2.14	3.98	0.64	0.63	1.18	37.89	37.79	81.56	51.59	51.49	112.71	220.01	219.91	495.75
2036-05-01	4.19	3.79	7.02	2.01	1.61	3.25	0.40	0.00	0.47	2.34	2.33	4.03	1.86	1.86	3.21	0.55	0.55	0.95	37.77	37.68	25.98	51.47	51.38	34.77	219.89	219.80	142.93
2036-05-02	3.73	3.61	5.95	1.79	1.66	2.75	0.36	0.23	0.38	2.08	2.07	3.42	1.66	1.65	2.73	0.49	0.49	0.81	38.03	37.77	25.86	51.73	51.46	34.66	220.15	219.88	142.82
2036-05-03	4.29	4.10	5.59	2.06	1.87	2.56	0.41	0.23	0.33	2.39	2.38	3.23	1.90	1.90	2.57	0.56	0.56	0.76	38.39	38.10	25.55	52.09	51.80	34.34	220.51	220.22	142.50
2036-05-04	5.11	4.94	5.25	2.45	2.28	2.42	0.49	0.31	0.33	2.85	2.84	3.02	2.27	2.26	2.41	0.67	0.67	0.71	38.78	38.47	25.28	52.48	52.17	34.08	220.90	220.59	142.24
2036-05-05	4.30	4.19	4.50	2.07	1.95	2.08	0.41	0.30	0.29	2.40	2.39	2.59	1.91	1.90	2.06	0.57	0.56	0.61	39.43	39.32	25.05	53.13	53.02	33.85	221.55	221.44	142.01
2036-05-06	3.94	3.81	3.90	1.89	1.76	1.81	0.38	0.25	0.26	2.20	2.19	2.24	1.75	1.74	1.78	0.52	0.51	0.53	39.99	39.88	24.85	53.69	53.58	33.65	222.11	222.00	141.81
2036-05-07	4.37	4.20	3.44	2.10	1.93	1.59	0.42	0.25	0.22	2.44	2.43	1.98	1.94	1.93	1.57	0.58	0.57	0.46	40.52	40.39	24.68	54.22	54.09	33.48	222.64	222.51	141.64
2036-05-08	5.07	4.89	3.08	2.43	2.25	1.42	0.49	0.31	0.20	2.83	2.82	1.77	2.25	2.24	1.40	0.67	0.66	0.41	41.00	40.89	24.53	54.70	54.59	33.33	223.12	223.01	141.49
2036-05-09	4.88	4.73	2.79	2.34	2.20	1.29	0.47	0.32	0.18	2.72	2.71	1.60	2.17	2.16	1.27	0.64	0.64	0.37	40.99	40.53	24.40	54.69	54.23	33.20	223.11	222.65	141.36
2036-05-10	5.06	4.86	2.55	2.43	2.24	1.18	0.48	0.29	0.17	2.82	2.81	1.46	2.25	2.24	1.16	0.67	0.66	0.34	41.01	40.61	24.29	54.71	54.31	33.08	223.13	222.73	141.24
2036-05-11	6.13	5.91	2.34	2.94	2.72	1.09	0.59	0.36	0.16	3.42	3.41	1.34	2.72	2.72	1.07	0.81	0.80	0.31	41.13	40.67	24.18	54.83	54.36	32.98	223.25	222.79	141.14
2036-05-12	8.70	8.38	2.18	4.17	3.86	1.01	0.83	0.52	0.14	4.85	4.84	1.24	3.86	3.85	0.99	1.15	1.14	0.29	42.97	42.62	24.65	56.67	56.31	33.45	225.09	224.73	141.61
2036-05-13	9.77	9.68	2.03	4.69	4.60	0.94	0.94	0.85	0.13	5.45	5.44	1.16	4.34	4.33	0.92	1.29	1.28	0.27	44.69	44.56	26.04	58.39	58.26	34.84	226.81	226.68	143.00
2036-05-14	9.03	8.73	2.00	4.33	4.04	0.92	0.87	0.57	0.13	5.04	5.02	1.14	4.01	4.00	0.91	1.19	1.19	0.27	42.37	42.18	24.99	56.07	55.88	33.79	224.49	224.30	141.95
2036-05-15	8.28	8.03	1.97	3.97	3.73	0.91	0.79	0.55	0.13	4.62	4.60	1.12	3.68	3.67	0.89	1.09	1.09	0.26	116.30	116.12	73.04	149.17	148.99	94.15	730.13	729.95	467.25
2036-05-16	7.13	6.91	1.86	3.42	3.21	0.86	0.68	0.47	0.13	3.98	3.96	1.06	3.17	3.16	0.84	0.94	0.93	0.25	115.63	115.45	72.88	148.50	148.32	93.99	729.46	729.28	467.08
2036-05-17	6.94	6.69	1.76	3.33	3.09	0.82	0.67	0.42	0.12	3.87	3.86	1.00	3.08	3.07	0.80	0.91	0.91	0.23	115.79	115.59	72.99	148.66	148.46	94.10	729.62	729.42	467.19
2036-05-18	7.40	6.69	1.81	3.55	2.84	0.83	0.71	0.00	0.12	4.13	4.11	1.03	3.29	3.27	0.82	0.98	0.96	0.24	115.74	115.56	73.08	148.61	148.43	94.19	729.57	729.39	467.28
2036-05-19	6.86	6.62	1.84	3.29	3.05	0.86	0.66	0.42	0.12	3.83	3.81	1.05	3.05	3.04	0.84	0.90	0.90	0.24	115.11	114.95	72.91	147.98	147.82	94.02	728.94	728.78	467.12
2036-05-20	5.82	5.62	1.75	2.79	2.60	0.81	0.56	0.36	0.12	3.25	3.23	1.00	2.58	2.57	0.79	0.77	0.76	0.23	114.52	114.38	72.77	147.39	147.25	93.88	728.35	728.21	466.97
2036-05-21	5.78	5.54	1.66	2.78	2.53	0.77	0.55	0.31	0.11	3.23	3.21	0.95	2.57	2.56	0.75	0.76	0.76	0.22	119.28	118.81	77.00	152.15	151.68	98.11	733.11	732.64	471.20
2036-05-22	6.32	6.06	1.58	3.03	2.77	0.74	0.61	0.35	0.11	3.53	3.51	0.90	2.81	2.80	0.72	0.83	0.83	0.21	126.92	126.53	85.68	159.80	159.40	106.79	740.75	740.36	479.88
2036-05-23	6.67	6.41	1.52	3.20	2.94	0.70	0.64	0.37	0.10	3.72	3.71	0.86	2.96	2.95	0.68	0.88	0.87	0.20	120.40	120.27	79.49	153.28	153.14	100.60	734.23	734.10	473.69
2036-05-24	6.83	6.55	1.45	3.28	3.00	0.68	0.65	0.38	0.10	3.81	3.79	0.83	3.03	3.02	0.66	0.90	0.89	0.19	118.33	118.11	77.84	151.20	150.99	98.95	732.16	731.94	472.04
2036-05-25	6.62	6.37	1.40	3.18	2.93	0.65	0.63	0.38	0.10	3.69	3.68	0.79	2.94	2.93	0.63	0.87	0.87	0.18	116.87	116.68	76.73	149.75	149.56	97.85	730.70	730.51	470.94
2036-05-26	6.47	6.21	1.35	3.11	2.84	0.63	0.62	0.35	0.10	3.61	3.60	0.77	2.88	2.86	0.61	0.85	0.85	0.18	115.80	115.64	75.90	148.67	148.51	97.01	729.63	729.46	470.10
2036-05-27	6.15	5.93	1.31	2.95	2.73	0.61	0.59	0.37	0.10	3.43	3.42	0.74	2.73	2.72	0.59	0.81	0.80	0.17	114.98	114.84	75.25	147.86	147.71	96.36	728.81	728.67	469.45
2036-05-28	5.31	5.13	1.27	2.55	2.37	0.59	0.51	0.33	0.09	2.96	2.95	0.72	2.36	2.35	0.57	0.70	0.69	0.16	114.35	114.22	74.73	147.22	147.09	95.84	728.18	728.05	468.93
2036-05-29	4.53	4.38	1.23	2.17	2.03	0.58	0.43	0.29	0.09	2.53	2.51	0.70	2.01	2.00	0.55	0.60	0.59	0.16	113.99	113.86	74.31	146.86	146.73	95.42	727.82	727.69	468.51
2036-05-30	4.02	3.88	1.20	1.93	1.79	0.56	0.39	0.25	0.09	2.24	2.23	0.68	1.78	1.78	0.54	0.53	0.52	0.16	114.40	114.24	74.54	147.28	147.11	95.65	728.23	728.07	468.75
2036-05-31	4.17	4.00	1.24	2.00	1.83	0.58	0.40	0.22	0.09	2.33	2.32	0.71	1.85	1.84	0.56	0.55	0.54	0.16	114.58	114.42	74.75	147.45	147.29	95.86	728.41	728.25	468.95
2036-06-01	4.19	4.02	1.30	2.01	1.84	0.61	0.40	0.24	0.09	2.34	2.32	0.74	1.86	1.85	0.58	0.55	0.55	0.17	114.02	113.89	86.38	146.89	146.77	111.12	727.85	727.72	548.35
2036-06-02	4.42	4.23	1.42	2.12	1.93	0.65	0.42	0.23	0.09	2.47	2.45	0.81	1.96	1.95	0.64	0.58	0.58	0.19	113.57	113.45	86.03	146.44	146.33	110.77	727.40	727.28	548.00
2036-06-03	5.06	4.83	1.82	2.43	2.20	0.83	0.49	0.26	0.11	2.82	2.81	1.05	2.25	2.24	0.83	0.67	0.66	0.24	113.19	113.09	85.74	146.07	145.97	110.48	727.02	726.92	547.71
2036-06-04	5.26	5.04	1.57	2.52	2.30	0.74	0.50	0.29	0.12	2.93	2.92	0.89	2.33	2.32	0.70	0.69	0.69	0.20	112.88	112.79	85.49	145.75	145.66	110.23	726.71	726.62	547.46
2036-06-05	5.01	4.84	1.55	2.41	2.24	0.72	0.48	0.31	0.11	2.80	2.79	0.88	2.23	2.22	0.70	0.66	0.65	0.20	112.62	112.53	85.27	145.49	145.40	110.01	726.45	726.36	547.24
2036-06-06	4.31	4.17	1.48	2.07	1.93	0.69	0.41	0.27	0.10	2.40	2.39	0.84	1.91	1.90	0.67	0.57	0.56	0.19	112.40	112.31	85.09	145.27	145.19	109.83	726.23	726.14	547.06
2036-06-07	3.77	3.65	1.42	1.81	1.69	0.66	0.36	0.24	0.10	2.10	2.09	0.81	1.67	1.66	0.64	0.50	0.49	0.19	112.20	112.13	84.93	145.07	145.00	109.67	726.03	725.96	546.90
2036-06-08	3.53	3.40	1.37	1.69	1.57	0.64	0.34	0.21	0.10	1.97	1.96	0.78	1.57	1.56	0.62	0.46	0.46	0.18	112.03	111.96	84.79	144.91	144.84	109.53	725.86	725.79	546.76
2036-06-09	3.53	3.40	1.33	1.70	1.56	0.62	0.34	0.20	0.10	1.97	1.96	0.75	1.57	1.56	0.60	0.47	0.46	0.17	111.89	111.82	84.67	144.76	144.69	109.41	725.72	725.65	546.63
2036-06-10	3.45	3.32	1.29	1.66	1.53	0.60	0.33	0.20	0.10	1.92	1.91	0.73	1.53	1.52	0.58	0.45	0.45	0.17	111.78	111.71	84.56	144.65	144.58	109.30	725.61	725.54	546.53
2036-06-11	3.24	3.13	1.25	1.56	1.																						

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2036-07-10	1.22	1.19	0.95	0.59	0.56	0.45	0.12	0.09	0.07	0.68	0.67	0.53	0.54	0.53	0.42	0.16	0.15	0.12	142.43	142.31	135.61	175.83	175.72	167.44	952.84	952.72	907.93
2036-07-11	1.19	1.16	0.94	0.57	0.54	0.44	0.11	0.09	0.07	0.66	0.66	0.53	0.53	0.52	0.42	0.16	0.15	0.12	142.05	141.94	135.27	175.45	175.34	167.11	952.46	952.35	907.59
2036-07-12	1.16	1.13	0.93	0.56	0.53	0.44	0.11	0.08	0.07	0.65	0.64	0.52	0.52	0.51	0.41	0.15	0.15	0.12	141.73	141.64	135.00	175.13	175.04	166.83	952.14	952.04	907.32
2036-07-13	1.14	1.11	0.92	0.55	0.52	0.43	0.11	0.08	0.07	0.63	0.63	0.51	0.50	0.50	0.41	0.15	0.14	0.12	141.46	141.37	134.76	174.86	174.77	166.59	951.87	951.78	907.08
2036-07-14	1.11	1.09	0.91	0.53	0.51	0.43	0.11	0.08	0.07	0.62	0.61	0.51	0.49	0.49	0.40	0.15	0.14	0.11	141.23	141.15	134.55	174.63	174.55	166.38	951.64	951.56	906.87
2036-07-15	1.09	1.07	0.90	0.52	0.50	0.42	0.10	0.08	0.07	0.61	0.60	0.50	0.48	0.48	0.40	0.14	0.14	0.11	141.00	140.91	134.33	174.41	174.32	166.17	951.41	951.33	906.66
2036-07-16	1.07	1.05	0.89	0.51	0.49	0.42	0.10	0.08	0.07	0.60	0.59	0.50	0.47	0.47	0.39	0.14	0.13	0.11	139.77	139.68	134.11	174.19	174.10	165.96	951.18	951.10	906.45
2036-07-17	1.05	1.03	0.88	0.50	0.48	0.42	0.10	0.08	0.07	0.59	0.58	0.49	0.47	0.46	0.39	0.14	0.13	0.11	139.54	139.45	133.89	173.97	173.88	165.75	950.95	950.87	906.24
2036-07-18	1.03	1.01	0.87	0.49	0.47	0.41	0.10	0.08	0.07	0.58	0.57	0.49	0.46	0.45	0.39	0.14	0.13	0.11	139.31	139.22	133.67	173.75	173.66	165.54	950.72	950.64	906.03
2036-07-19	1.01	0.99	0.86	0.49	0.47	0.41	0.10	0.08	0.07	0.57	0.56	0.48	0.45	0.44	0.38	0.13	0.13	0.11	139.08	139.00	133.45	173.53	173.44	165.33	950.49	950.41	905.82
2036-07-20	1.00	0.98	0.86	0.48	0.46	0.40	0.10	0.08	0.07	0.56	0.55	0.48	0.44	0.44	0.38	0.13	0.12	0.11	138.85	138.76	133.23	173.31	173.22	165.12	950.26	950.18	905.61
2036-07-21	0.98	0.97	0.85	0.47	0.45	0.40	0.09	0.08	0.07	0.55	0.54	0.47	0.44	0.43	0.38	0.13	0.12	0.11	138.62	138.53	133.01	173.09	173.00	164.91	950.03	949.95	905.40
2036-07-22	0.98	0.96	0.85	0.47	0.45	0.40	0.09	0.08	0.07	0.54	0.54	0.47	0.43	0.43	0.37	0.13	0.12	0.11	138.39	138.30	132.79	172.87	172.78	164.70	949.80	949.72	905.19
2036-07-23	1.20	1.16	1.07	0.57	0.54	0.50	0.11	0.08	0.07	0.67	0.66	0.61	0.53	0.52	0.48	0.16	0.15	0.14	141.00	140.91	134.55	175.13	175.04	167.11	952.46	952.35	907.59
2036-07-24	1.60	1.54	1.44	0.77	0.71	0.66	0.15	0.09	0.09	0.89	0.89	0.83	0.71	0.71	0.66	0.21	0.21	0.19	55.04	54.99	52.44	73.72	73.67	70.24	449.81	449.76	428.66
2036-07-25	1.15	1.14	1.00	0.55	0.55	0.48	0.11	0.11	0.10	0.64	0.63	0.55	0.51	0.50	0.43	0.15	0.14	0.12	54.97	54.92	52.38	73.65	73.60	70.18	449.75	449.70	428.60
2036-07-26	1.12	1.10	0.96	0.54	0.51	0.45	0.11	0.08	0.07	0.63	0.62	0.54	0.50	0.49	0.43	0.15	0.14	0.12	54.91	54.86	52.33	73.59	73.55	70.13	449.69	449.64	428.55
2036-07-27	1.10	1.08	0.95	0.53	0.50	0.44	0.11	0.08	0.07	0.61	0.61	0.53	0.49	0.48	0.42	0.14	0.14	0.12	54.86	54.81	52.28	73.54	73.49	70.08	449.63	449.59	428.50
2036-07-28	1.08	1.06	0.94	0.52	0.50	0.44	0.10	0.08	0.07	0.60	0.59	0.52	0.48	0.47	0.42	0.14	0.14	0.12	54.80	54.75	52.25	73.52	73.47	70.03	449.57	449.52	428.45
2036-07-29	1.06	1.04	0.92	0.51	0.49	0.43	0.10	0.08	0.07	0.59	0.58	0.52	0.47	0.46	0.41	0.14	0.13	0.12	54.74	54.69	52.21	73.49	73.44	70.00	449.51	449.46	428.40
2036-07-30	1.04	1.02	0.91	0.50	0.48	0.43	0.10	0.08	0.07	0.58	0.57	0.51	0.46	0.45	0.41	0.14	0.13	0.12	54.68	54.63	52.17	73.46	73.41	69.97	449.45	449.40	428.35
2036-07-31	1.02	1.00	0.90	0.49	0.47	0.43	0.10	0.08	0.07	0.57	0.56	0.50	0.45	0.45	0.40	0.13	0.13	0.11	54.62	54.57	52.13	73.43	73.38	69.94	449.39	449.34	428.30
2036-08-01	1.01	0.99	0.89	0.48	0.46	0.42	0.10	0.08	0.07	0.56	0.55	0.50	0.45	0.44	0.40	0.13	0.13	0.11	54.56	54.51	52.09	73.40	73.35	69.91	449.33	449.28	428.25
2036-08-02	0.99	0.97	0.88	0.48	0.46	0.42	0.10	0.08	0.07	0.55	0.55	0.49	0.44	0.43	0.39	0.13	0.12	0.11	54.50	54.45	52.05	73.37	73.32	69.88	449.27	449.22	428.20
2036-08-03	0.98	0.96	0.88	0.47	0.45	0.41	0.09	0.07	0.07	0.55	0.54	0.49	0.43	0.43	0.39	0.13	0.12	0.11	54.44	54.39	52.01	73.34	73.29	69.85	449.21	449.16	428.15
2036-08-04	0.96	0.95	0.87	0.46	0.44	0.41	0.09	0.07	0.07	0.54	0.53	0.48	0.43	0.42	0.38	0.13	0.12	0.11	54.38	54.33	51.97	73.31	73.26	69.82	449.15	449.10	428.10
2036-08-05	0.95	0.93	0.86	0.46	0.44	0.41	0.09	0.07	0.07	0.53	0.52	0.48	0.42	0.42	0.38	0.13	0.12	0.11	54.32	54.27	51.93	73.28	73.23	69.79	449.09	449.04	428.05
2036-08-06	0.94	0.92	0.85	0.45	0.43	0.40	0.09	0.07	0.07	0.52	0.52	0.48	0.42	0.41	0.38	0.12	0.12	0.11	54.26	54.21	51.89	73.25	73.20	69.76	449.03	448.98	428.00
2036-08-07	0.93	0.91	0.85	0.45	0.43	0.40	0.09	0.07	0.07	0.52	0.51	0.47	0.41	0.41	0.37	0.12	0.12	0.11	54.20	54.15	51.85	73.22	73.17	69.73	448.97	448.92	427.95
2036-08-08	0.92	0.90	0.84	0.44	0.43	0.40	0.09	0.07	0.07	0.51	0.50	0.47	0.41	0.40	0.37	0.12	0.11	0.11	54.14	54.09	51.81	73.19	73.14	69.70	448.91	448.86	427.90
2036-08-09	0.91	0.89	0.84	0.44	0.42	0.39	0.09	0.07	0.07	0.51	0.50	0.47	0.40	0.40	0.37	0.12	0.11	0.10	54.08	54.03	51.77	73.16	73.11	69.67	448.85	448.80	427.85
2036-08-10	0.90	0.88	0.83	0.43	0.42	0.39	0.09	0.07	0.07	0.50	0.49	0.46	0.40	0.39	0.37	0.12	0.11	0.10	54.02	53.97	51.73	73.13	73.08	69.64	448.79	448.74	427.80
2036-08-11	0.89	0.88	0.82	0.43	0.41	0.39	0.09	0.07	0.07	0.50	0.49	0.46	0.40	0.39	0.36	0.12	0.11	0.10	53.96	53.91	51.69	73.10	73.05	69.61	448.73	448.68	427.75
2036-08-12	0.88	0.87	0.82	0.42	0.41	0.39	0.08	0.07	0.07	0.49	0.48	0.46	0.39	0.38	0.36	0.12	0.11	0.10	53.90	53.85	51.65	73.07	73.02	69.58	448.67	448.62	427.70
2036-08-13	0.88	0.86	0.81	0.42	0.41	0.38	0.08	0.07	0.07	0.49	0.48	0.45	0.39	0.38	0.36	0.12	0.11	0.10	53.84	53.79	51.61	73.04	72.99	69.55	448.61	448.56	427.65
2036-08-14	0.87	0.85	0.81	0.42	0.40	0.38	0.08	0.07	0.07	0.48	0.48	0.45	0.39	0.38	0.36	0.11	0.11	0.10	53.78	53.73	51.57	73.01	72.96	69.52	448.55	448.50	427.60
2036-08-15	0.86	0.85	0.80	0.41	0.40	0.38	0.08	0.07	0.07	0.48	0.47	0.45	0.38	0.37	0.35	0.11	0.11	0.10	53.72	53.67	51.53	72.98	72.93	69.49	448.49	448.44	427.55
2036-08-16	0.85	0.84	0.80	0.41	0.40	0.38	0.08	0.07	0.07	0.48	0.47	0.44	0.38	0.37	0.35	0.11	0.11	0.10	53.66	53.61	51.49	72.95	72.90	69.46	448.43	448.38	427.50
2036-08-17	0.85	0.83	0.80	0.41	0.39	0.38	0.08	0.07	0.07	0.47	0.47	0.44	0.38	0.37	0.35	0.11	0.10	0.10	53.60	53.55	51.45	72.92	72.87	69.43	448.37	448.32	427.45
2036-08-18	0.84	0.83	0.79	0.40	0.39	0.37	0.08	0.07	0.07	0.47	0.46	0.44	0.37	0.37	0.35	0.11	0.10	0.10	53.54	53.49	51.41	72.89	72.84	69.40	448.31	448.26	427.40
2036-08-19	0.84	0.82	0.79	0.40	0.39	0.37	0.08	0.07	0.07	0.47	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	53.48	53.43	51.37	72.86	72.81	69.37	448.25	448.20	427.35
2036-08-20	0.83	0.82	0.79	0.40	0.39	0.37	0.08	0.07	0.07	0.46	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	53.42	53.37	51.33	72.83	72.78	69.34	448.19	448.14	427.30
2036-08-21	0.83	0.81	0.78	0.40	0.39	0.37	0.08	0.07	0.0																		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2036-09-19	0.89	0.88	0.85	0.43	0.41	0.40	0.09	0.07	0.07	0.49	0.49	0.48	0.39	0.39	0.38	0.12	0.11	0.11	21.52	21.41	21.99	30.41	30.31	31.14	157.64	157.54	161.94
2036-09-20	0.88	0.87	0.85	0.42	0.41	0.40	0.08	0.07	0.07	0.49	0.48	0.47	0.39	0.38	0.37	0.12	0.11	0.11	21.12	21.01	21.57	30.02	29.91	30.72	157.25	157.14	161.52
2036-09-21	0.87	0.86	0.84	0.42	0.41	0.40	0.08	0.07	0.07	0.49	0.48	0.47	0.39	0.38	0.37	0.11	0.11	0.11	21.19	21.06	21.63	30.08	29.96	30.77	157.31	157.19	161.58
2036-09-22	0.86	0.85	0.83	0.41	0.40	0.39	0.08	0.07	0.07	0.48	0.47	0.46	0.38	0.38	0.37	0.11	0.11	0.10	21.66	21.52	22.11	30.56	30.42	31.26	157.79	157.65	162.06
2036-09-23	0.86	0.85	0.83	0.41	0.40	0.39	0.08	0.07	0.07	0.48	0.47	0.46	0.38	0.37	0.37	0.11	0.11	0.10	22.89	22.68	23.38	31.79	31.58	32.53	159.02	158.81	163.33
2036-09-24	0.86	0.85	0.83	0.41	0.40	0.39	0.08	0.07	0.07	0.48	0.47	0.46	0.38	0.37	0.37	0.11	0.11	0.10	23.68	23.47	24.22	32.58	32.37	33.37	159.81	159.60	164.17
2036-09-25	0.89	0.88	0.89	0.43	0.41	0.42	0.09	0.07	0.07	0.50	0.49	0.50	0.40	0.39	0.39	0.12	0.11	0.11	22.78	22.64	23.31	31.67	31.53	32.46	158.90	158.76	163.26
2036-09-26	1.19	1.15	1.16	0.57	0.53	0.54	0.11	0.07	0.07	0.67	0.66	0.66	0.53	0.52	0.53	0.16	0.15	0.15	22.14	22.01	22.64	31.04	30.91	31.79	158.27	158.14	162.59
2036-09-27	1.48	1.43	1.45	0.71	0.66	0.67	0.14	0.09	0.09	0.83	0.82	0.83	0.66	0.65	0.66	0.19	0.19	0.19	25.45	25.08	25.98	34.35	33.98	35.13	161.58	161.21	165.93
2036-09-28	1.01	1.01	1.00	0.48	0.49	0.48	0.10	0.10	0.10	0.56	0.56	0.55	0.45	0.44	0.44	0.13	0.13	0.13	34.00	32.89	34.89	42.89	41.79	44.03	170.12	169.02	174.84
2036-09-29	0.99	0.98	0.97	0.48	0.46	0.45	0.10	0.08	0.08	0.55	0.55	0.54	0.44	0.43	0.43	0.13	0.12	0.12	30.88	30.10	32.20	39.78	39.00	41.35	167.01	166.23	172.15
2036-09-30	0.98	0.96	0.95	0.47	0.45	0.45	0.09	0.08	0.08	0.55	0.54	0.53	0.43	0.43	0.42	0.13	0.12	0.12	28.72	28.42	29.80	37.62	37.32	38.95	164.85	164.55	169.75
2036-10-01	0.97	0.95	0.94	0.46	0.45	0.44	0.09	0.08	0.08	0.54	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	26.69	26.45	27.85	35.59	35.35	37.16	162.81	162.58	170.27
2036-10-02	0.95	0.94	0.93	0.46	0.44	0.44	0.09	0.08	0.08	0.53	0.52	0.52	0.42	0.42	0.41	0.13	0.12	0.12	25.12	24.92	26.16	34.02	33.82	35.47	161.25	161.05	168.57
2036-10-03	0.94	0.93	0.92	0.45	0.44	0.43	0.09	0.07	0.07	0.53	0.52	0.51	0.42	0.41	0.41	0.12	0.12	0.12	23.93	23.76	24.88	32.83	32.66	34.19	160.06	159.89	167.29
2036-10-04	0.93	0.92	0.91	0.45	0.43	0.43	0.09	0.07	0.07	0.52	0.51	0.51	0.41	0.41	0.40	0.12	0.12	0.12	23.04	22.89	23.93	31.94	31.79	33.23	159.17	159.02	166.34
2036-10-05	0.92	0.90	0.90	0.44	0.43	0.42	0.09	0.07	0.07	0.51	0.51	0.50	0.41	0.40	0.40	0.12	0.11	0.11	22.34	21.99	23.19	31.24	30.89	32.50	158.47	158.12	165.61
2036-10-06	0.91	0.82	0.82	0.44	0.35	0.35	0.09	0.00	0.00	0.51	0.50	0.50	0.40	0.40	0.39	0.12	0.11	0.11	22.11	21.77	22.97	31.01	30.67	32.28	158.24	157.90	165.39
2036-10-07	0.90	0.81	0.81	0.43	0.35	0.34	0.09	0.00	0.00	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	21.88	21.56	22.78	30.78	30.46	32.09	158.01	157.69	165.19
2036-10-08	0.89	0.86	0.85	0.43	0.39	0.39	0.09	0.05	0.05	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	21.42	21.12	22.29	30.32	30.02	31.60	157.55	157.25	164.70
2036-10-09	0.91	0.89	0.89	0.43	0.42	0.42	0.09	0.07	0.07	0.50	0.50	0.50	0.40	0.39	0.39	0.12	0.11	0.11	21.39	21.09	22.28	30.29	29.99	31.59	157.52	157.22	164.70
2036-10-10	0.97	0.95	0.99	0.46	0.45	0.46	0.09	0.08	0.08	0.54	0.53	0.56	0.43	0.42	0.44	0.13	0.12	0.13	21.33	21.04	22.27	30.23	29.94	31.58	157.46	157.17	164.69
2036-10-11	0.91	0.90	0.89	0.44	0.43	0.42	0.09	0.08	0.07	0.51	0.50	0.50	0.40	0.40	0.40	0.12	0.11	0.11	20.97	20.70	21.88	29.86	29.60	31.19	157.09	156.83	164.30
2036-10-12	0.90	0.84	0.85	0.43	0.38	0.38	0.09	0.03	0.03	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	20.66	20.45	21.54	29.56	29.34	30.85	156.79	156.57	163.96
2036-10-13	0.89	0.81	0.81	0.43	0.35	0.35	0.09	0.01	0.00	0.50	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.11	20.40	20.31	21.26	29.30	29.21	30.57	156.53	156.44	163.68
2036-10-14	0.88	0.87	0.87	0.42	0.41	0.41	0.08	0.07	0.07	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	20.22	20.14	21.08	29.12	29.04	30.39	156.35	156.27	163.49
2036-10-15	0.89	0.87	0.87	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.49	0.49	0.40	0.39	0.39	0.12	0.11	0.11	19.98	19.91	20.84	27.90	27.82	29.12	136.96	136.88	143.22
2036-10-16	0.98	0.97	1.01	0.47	0.46	0.47	0.09	0.08	0.08	0.55	0.54	0.56	0.44	0.43	0.45	0.13	0.12	0.13	19.81	20.01	20.82	27.73	27.93	29.10	136.79	136.99	143.20
2036-10-17	0.91	0.90	0.91	0.44	0.42	0.43	0.09	0.07	0.08	0.51	0.50	0.51	0.40	0.40	0.40	0.12	0.11	0.11	19.66	19.47	20.36	27.57	27.39	28.64	136.63	136.45	142.74
2036-10-18	0.90	0.88	0.90	0.43	0.41	0.42	0.09	0.07	0.07	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.11	19.52	19.35	20.28	27.44	27.26	28.56	136.50	136.32	142.66
2036-10-19	0.89	0.85	0.87	0.43	0.39	0.39	0.09	0.04	0.05	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.11	19.40	19.30	20.10	27.32	27.21	28.38	136.38	136.27	142.48
2036-10-20	0.88	0.85	0.86	0.42	0.39	0.39	0.08	0.05	0.05	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.11	19.30	19.23	20.09	27.21	27.15	28.37	136.27	136.21	142.47
2036-10-21	1.01	0.98	1.02	0.48	0.45	0.47	0.10	0.07	0.07	0.56	0.55	0.58	0.45	0.44	0.46	0.13	0.12	0.13	19.20	19.15	20.00	27.12	27.06	28.28	136.18	136.12	142.38
2036-10-22	1.25	1.22	1.30	0.60	0.58	0.61	0.12	0.10	0.10	0.70	0.69	0.73	0.55	0.55	0.58	0.16	0.16	0.17	19.12	19.07	19.91	27.03	26.98	28.19	136.09	136.04	142.29
2036-10-23	0.96	0.91	0.94	0.46	0.41	0.42	0.09	0.04	0.04	0.54	0.53	0.55	0.43	0.42	0.44	0.13	0.12	0.12	19.04	18.99	19.83	26.96	26.91	28.11	136.02	135.97	142.21
2036-10-24	0.95	0.93	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.53	0.52	0.54	0.42	0.41	0.43	0.13	0.12	0.12	18.97	18.93	19.76	26.89	26.84	28.04	135.95	135.90	142.14
2036-10-25	0.94	0.92	0.95	0.45	0.43	0.45	0.09	0.07	0.07	0.53	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	18.98	18.93	19.77	26.89	26.84	28.05	135.95	135.90	142.15
2036-10-26	1.70	1.59	1.70	0.81	0.71	0.72	0.16	0.06	0.00	0.95	0.94	1.04	0.75	0.75	0.82	0.22	0.22	0.24	18.98	18.93	19.79	26.89	26.85	28.07	135.95	135.91	142.17
2036-10-27	2.81	2.63	3.06	1.35	1.17	1.39	0.27	0.10	0.15	1.57	1.56	1.79	1.25	1.24	1.42	0.37	0.37	0.42	18.91	18.87	19.71	26.83	26.78	27.99	135.89	135.84	142.09
2036-10-28	1.49	1.51	1.70	0.71	0.74	0.83	0.14	0.16	0.18	0.83	0.82	0.93	0.66	0.65	0.74	0.20	0.19	0.22	18.86	18.79	19.63	26.77	26.71	27.91	135.83	135.77	142.01
2036-10-29	1.55	1.49	1.69	0.74	0.69	0.78	0.15	0.10	0.10	0.86	0.85	0.97	0.69	0.68	0.77	0.20	0.20	0.22	18.80	18.74	19.58	26.72	26.66	27.86	135.78	135.72	141.96
2036-10-30	1.84	1.75	2.07	0.89	0.79	0.95	0.18	0.08	0.13	1.03	1.02	1.19	0.82	0.81	0.94	0.24	0.24	0.28	18.75	18.70	19.53	26.67	26.62	27.81	135.73	135.68	141.91
2036-10-31	1.80	1.72	1.99	0.87	0.78	0.90	0.17	0.09	0.09	1.01	1.00	1.16	0.80	0.79	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2036-11-29	1.39	1.34	1.42	0.67	0.62	0.65	0.13	0.09	0.09	0.77	0.77	0.81	0.62	0.61	0.65	0.18	0.18	0.19	17.78	17.75	18.07	26.00	25.98	26.45	116.79	116.76	118.89
2036-11-30	1.34	1.30	1.37	0.64	0.60	0.63	0.13	0.09	0.09	0.75	0.74	0.78	0.60	0.59	0.62	0.18	0.17	0.18	17.77	17.75	18.07	26.00	25.98	26.44	116.78	116.76	118.89
2036-12-01	1.30	1.26	1.32	0.62	0.59	0.61	0.12	0.09	0.09	0.73	0.72	0.76	0.58	0.57	0.60	0.17	0.17	0.18	17.76	17.75	17.83	25.99	25.97	26.09	116.77	116.75	117.25
2036-12-02	1.26	1.23	1.28	0.61	0.57	0.60	0.12	0.09	0.09	0.70	0.70	0.73	0.56	0.56	0.58	0.17	0.16	0.17	17.76	17.73	17.81	25.98	25.95	26.07	116.77	116.74	117.24
2036-12-03	1.23	1.19	1.24	0.59	0.55	0.58	0.12	0.08	0.09	0.69	0.68	0.71	0.55	0.54	0.57	0.16	0.16	0.17	17.75	17.72	17.80	25.97	25.94	26.06	116.76	116.73	117.23
2036-12-04	1.20	1.16	1.21	0.57	0.54	0.56	0.11	0.08	0.08	0.67	0.66	0.69	0.53	0.53	0.55	0.16	0.15	0.16	17.74	17.70	17.79	25.97	25.93	26.04	116.75	116.71	117.21
2036-12-05	1.17	1.13	1.17	0.56	0.52	0.54	0.11	0.07	0.08	0.65	0.65	0.67	0.52	0.51	0.53	0.15	0.15	0.15	17.74	17.70	17.78	25.96	25.92	26.04	116.75	116.71	117.20
2036-12-06	1.14	1.11	1.15	0.55	0.51	0.53	0.11	0.07	0.08	0.64	0.63	0.65	0.51	0.50	0.52	0.15	0.15	0.15	17.73	17.69	17.77	25.95	25.91	26.02	116.74	116.70	117.19
2036-12-07	1.12	1.09	1.12	0.54	0.50	0.52	0.11	0.08	0.08	0.62	0.62	0.64	0.50	0.49	0.51	0.15	0.14	0.15	17.72	17.68	17.76	25.95	25.90	26.02	116.73	116.69	117.18
2036-12-08	1.09	1.07	1.11	0.53	0.50	0.52	0.10	0.08	0.08	0.61	0.61	0.63	0.49	0.48	0.50	0.14	0.14	0.15	17.72	17.68	17.76	25.94	25.90	26.02	116.73	116.69	117.18
2036-12-09	1.07	1.05	1.08	0.52	0.49	0.51	0.10	0.08	0.08	0.60	0.60	0.62	0.48	0.47	0.49	0.14	0.14	0.14	17.72	17.68	17.76	25.94	25.91	26.01	116.73	116.69	117.18
2036-12-10	1.05	1.02	1.06	0.51	0.47	0.49	0.10	0.07	0.07	0.59	0.58	0.60	0.47	0.46	0.48	0.14	0.13	0.14	17.72	17.69	17.76	25.95	25.92	26.02	116.73	116.70	117.18
2036-12-11	1.04	1.00	1.04	0.50	0.47	0.48	0.10	0.07	0.07	0.58	0.57	0.59	0.46	0.45	0.47	0.14	0.13	0.14	17.72	17.70	17.76	25.95	25.92	26.02	116.73	116.70	117.19
2036-12-12	1.02	0.99	1.02	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.56	0.58	0.45	0.45	0.46	0.13	0.13	0.13	17.72	17.70	17.77	25.95	25.93	26.03	116.73	116.71	117.20
2036-12-13	1.00	0.98	1.01	0.48	0.46	0.47	0.10	0.07	0.08	0.56	0.56	0.57	0.45	0.44	0.46	0.13	0.13	0.13	17.73	17.71	17.77	25.95	25.93	26.03	116.73	116.72	117.20
2036-12-14	0.99	0.97	0.99	0.47	0.45	0.47	0.09	0.07	0.08	0.55	0.55	0.56	0.44	0.44	0.45	0.13	0.13	0.13	17.79	17.77	17.86	26.01	25.99	26.12	116.80	116.78	117.29
2036-12-15	0.97	0.95	0.97	0.47	0.44	0.45	0.09	0.07	0.07	0.54	0.54	0.55	0.43	0.43	0.44	0.13	0.13	0.13	12.95	12.93	13.05	18.91	18.89	19.03	79.03	79.00	79.40
2036-12-16	0.96	0.94	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.54	0.53	0.55	0.43	0.42	0.43	0.13	0.12	0.13	12.83	12.82	12.90	18.79	18.78	18.89	78.90	78.89	79.26
2036-12-17	0.95	0.93	0.95	0.46	0.44	0.45	0.09	0.07	0.07	0.53	0.53	0.54	0.42	0.42	0.43	0.12	0.12	0.13	12.83	12.81	12.86	18.79	18.77	18.85	78.90	78.89	79.22
2036-12-18	0.94	0.91	0.93	0.45	0.43	0.43	0.09	0.07	0.07	0.52	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	12.81	12.79	12.84	18.77	18.75	18.82	78.89	78.87	79.19
2036-12-19	0.93	0.91	0.92	0.44	0.42	0.43	0.09	0.07	0.07	0.52	0.51	0.52	0.41	0.41	0.42	0.12	0.12	0.12	12.81	12.78	12.82	18.77	18.74	18.81	78.89	78.85	79.17
2036-12-20	0.92	0.89	0.91	0.44	0.41	0.42	0.09	0.06	0.06	0.51	0.51	0.52	0.41	0.40	0.41	0.12	0.12	0.12	12.81	12.78	12.83	18.77	18.74	18.81	78.89	78.86	79.18
2036-12-21	0.91	0.88	0.90	0.44	0.41	0.42	0.09	0.06	0.06	0.51	0.50	0.51	0.40	0.40	0.41	0.12	0.12	0.12	12.81	12.79	12.84	18.77	18.75	18.82	78.89	78.87	79.19
2036-12-22	0.90	0.88	0.89	0.43	0.41	0.42	0.09	0.06	0.07	0.50	0.50	0.51	0.40	0.40	0.40	0.12	0.12	0.12	12.82	12.79	12.84	18.77	18.75	18.82	78.89	78.87	79.19
2036-12-23	0.89	0.87	0.88	0.43	0.41	0.41	0.09	0.06	0.06	0.50	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.12	12.82	12.80	12.84	18.78	18.76	18.82	78.89	78.87	79.19
2036-12-24	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.50	0.39	0.39	0.39	0.12	0.11	0.11	12.82	12.80	12.84	18.78	18.76	18.83	78.89	78.87	79.19
2036-12-25	0.87	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.12	0.11	0.11	12.82	12.80	12.84	18.78	18.76	18.82	78.89	78.87	79.19
2036-12-26	0.87	0.84	0.85	0.42	0.39	0.40	0.08	0.06	0.06	0.48	0.48	0.48	0.38	0.38	0.39	0.11	0.11	0.11	12.87	12.85	12.90	18.83	18.81	18.89	78.95	78.93	79.25
2036-12-27	0.86	0.83	0.85	0.41	0.39	0.39	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.38	0.38	0.11	0.11	0.11	12.94	12.92	12.98	18.90	18.88	18.96	79.01	78.99	79.33
2036-12-28	0.85	0.83	0.84	0.41	0.38	0.39	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	12.83	12.81	12.85	18.79	18.77	18.84	78.90	78.88	79.21
2036-12-29	0.85	0.83	0.84	0.41	0.39	0.39	0.08	0.06	0.06	0.47	0.47	0.47	0.38	0.37	0.38	0.11	0.11	0.11	12.82	12.80	12.84	18.78	18.75	18.82	78.89	78.87	79.19
2036-12-30	0.84	0.82	0.83	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	12.82	12.80	12.84	18.78	18.76	18.83	78.89	78.87	79.20
2036-12-31	0.83	0.81	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	12.82	12.81	12.85	18.78	18.76	18.83	78.89	78.88	79.20
2037-01-01	0.83	0.81	0.82	0.40	0.37	0.38	0.08	0.06	0.06	0.46	0.46	0.46	0.37	0.36	0.37	0.11	0.10	0.11	12.82	12.80	12.79	18.78	18.76	18.74	78.90	78.88	78.82
2037-01-02	0.82	0.80	0.81	0.40	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.11	12.82	12.80	12.79	18.78	18.76	18.74	78.90	78.87	78.81
2037-01-03	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	12.82	12.80	12.79	18.78	18.76	18.74	78.90	78.87	78.81
2037-01-04	0.82	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.11	0.11	12.83	12.80	12.79	18.78	18.76	18.74	78.90	78.87	78.82
2037-01-05	0.82	0.81	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.11	0.11	12.83	12.80	12.79	18.79	18.76	18.74	78.90	78.88	78.82
2037-01-06	1.57	1.48	1.74	0.75	0.67	0.78	0.15	0.07	0.07	0.87	0.87	1.03	0.70	0.69	0.82	0.21	0.20	0.24	12.83	12.81	12.79	18.79	18.76	18.75	78.90	78.88	78.82
2037-01-07	2.88	2.71	3.37	1.38	1.21	1.51	0.28	0.10	0.13	1.61	1.60	1.99	1.28	1.28	1.59	0.38	0.38	0.47	12.83	12.81	12.80	18.79	18.77	18.75	78.90	78.88	78.82
2037-01-08	2.08	2.07	2.64	1.00	0.98	1.26	0.20	0.18	0.24	1.16	1.16	1.48	0.92	0.93	1.18	0.27	0.28	0.35	12.93	12.90	12.92	18.89	18.86	18.88	79.00	78.98	78.95
2037-01-09	1.50	1.49	1.85	0.72	0.71	0.88	0.14	0.13	0.16	0.84	0.84	1.04	0.67	0.67	0.83	0.20	0.20	0.25	13.13	13.10	13.18	19.09	19.06	19.13	79.21	79.17	79.20
2037-01-10	1.44	1.40	1.72	0.69	0.65	0.80	0.14	0.10	0.12	0.81	0.80	0.99	0.64	0.64	0.79	0.19	0.19	0.23	13.02	13.00	13.05	18.98	18.9				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2037-02-08	0.86	0.84	0.88	0.41	0.40	0.41	0.08	0.07	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.56	10.55	10.52	16.65	16.63	16.59	70.36	70.34	70.21
2037-02-09	0.85	0.84	0.88	0.41	0.39	0.41	0.08	0.07	0.07	0.48	0.47	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.57	10.55	10.52	16.65	16.63	16.59	70.36	70.34	70.21
2037-02-10	0.85	0.83	0.88	0.41	0.39	0.41	0.08	0.07	0.07	0.47	0.47	0.50	0.38	0.37	0.39	0.11	0.11	0.12	10.57	10.54	10.52	16.65	16.63	16.59	70.36	70.34	70.21
2037-02-11	0.84	0.83	0.87	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.47	0.49	0.37	0.37	0.39	0.11	0.11	0.12	10.57	10.55	10.52	16.65	16.63	16.59	70.36	70.34	70.21
2037-02-12	0.84	0.82	0.86	0.40	0.38	0.40	0.08	0.06	0.07	0.47	0.46	0.48	0.37	0.37	0.39	0.11	0.11	0.11	10.57	10.54	10.52	16.65	16.63	16.59	70.36	70.34	70.21
2037-02-13	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.06	0.07	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.57	10.55	10.57	16.65	16.63	16.65	70.36	70.34	70.27
2037-02-14	0.82	0.81	0.84	0.40	0.38	0.40	0.08	0.06	0.07	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.11	0.11	10.57	10.55	10.65	16.65	16.64	16.73	70.36	70.35	70.34
2037-02-15	0.82	0.80	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.64	10.62	10.60	15.60	15.57	15.55	66.37	66.35	66.24
2037-02-16	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.64	10.62	10.58	15.60	15.58	15.53	66.37	66.35	66.23
2037-02-17	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.64	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-18	0.81	0.80	0.82	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	10.64	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-19	0.80	0.79	0.82	0.39	0.37	0.39	0.08	0.06	0.07	0.45	0.45	0.46	0.36	0.35	0.37	0.11	0.10	0.11	10.64	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-20	1.18	1.13	1.38	0.57	0.52	0.62	0.11	0.07	0.07	0.66	0.66	0.81	0.52	0.52	0.64	0.16	0.15	0.19	10.64	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-21	2.68	2.51	3.92	1.29	1.11	1.72	0.26	0.08	0.10	1.49	1.49	2.35	1.19	1.19	1.87	0.35	0.35	0.55	10.64	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-22	3.21	3.28	5.91	1.54	1.61	3.02	0.31	0.38	0.89	1.79	1.78	3.09	1.42	1.42	2.46	0.42	0.42	0.73	10.64	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-23	1.67	1.68	2.94	0.80	0.82	1.42	0.16	0.18	0.29	0.93	0.93	1.63	0.74	0.74	1.30	0.22	0.22	0.38	10.64	10.63	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-24	1.59	1.54	2.58	0.76	0.71	1.19	0.15	0.10	0.16	0.89	0.88	1.48	0.71	0.70	1.18	0.21	0.21	0.35	10.65	10.63	10.60	15.60	15.58	15.54	66.38	66.36	66.24
2037-02-25	1.53	1.48	2.37	0.73	0.68	1.09	0.15	0.10	0.15	0.85	0.85	1.36	0.68	0.67	1.09	0.20	0.20	0.32	10.65	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2037-02-26	1.47	1.42	2.20	0.70	0.66	1.01	0.14	0.09	0.14	0.82	0.81	1.26	0.65	0.65	1.01	0.19	0.19	0.30	10.65	10.63	10.60	15.60	15.58	15.54	66.38	66.36	66.24
2037-02-27	1.41	1.37	2.05	0.68	0.64	0.95	0.14	0.09	0.13	0.79	0.78	1.18	0.63	0.62	0.94	0.19	0.18	0.28	10.65	10.63	10.60	15.60	15.58	15.54	66.38	66.36	66.24
2037-02-28	1.36	1.33	1.93	0.66	0.62	0.89	0.13	0.09	0.13	0.76	0.76	1.11	0.61	0.60	0.88	0.18	0.18	0.26	10.65	10.63	10.60	15.60	15.59	15.55	66.38	66.36	66.24
2037-03-01	1.32	1.28	1.82	0.63	0.60	0.84	0.13	0.09	0.12	0.74	0.73	1.04	0.59	0.58	0.83	0.17	0.17	0.25	10.91	10.87	21.39	15.86	15.83	31.52	66.64	66.61	135.35
2037-03-02	1.28	1.24	1.72	0.62	0.58	0.80	0.12	0.09	0.11	0.72	0.71	0.99	0.57	0.57	0.79	0.17	0.17	0.23	12.23	12.12	24.78	17.19	17.08	34.92	67.96	67.85	138.74
2037-03-03	1.25	1.21	2.70	0.60	0.56	1.21	0.12	0.09	0.11	0.69	0.69	1.60	0.55	0.55	1.27	0.16	0.16	0.38	12.95	12.85	25.56	17.91	17.81	35.70	68.68	68.59	139.52
2037-03-04	1.21	1.18	4.67	0.58	0.55	2.11	0.12	0.09	0.22	0.68	0.67	2.74	0.54	0.54	2.18	0.16	0.16	0.65	11.03	11.05	22.46	15.98	16.01	32.59	66.76	66.79	136.41
2037-03-05	1.18	1.15	3.13	0.57	0.53	1.48	0.11	0.08	0.26	0.66	0.66	1.77	0.53	0.52	1.41	0.16	0.15	0.42	10.99	10.96	22.16	15.95	15.92	32.30	66.73	66.70	136.12
2037-03-06	1.15	1.12	2.77	0.55	0.52	1.28	0.11	0.08	0.18	0.64	0.64	1.60	0.51	0.51	1.27	0.15	0.15	0.38	10.97	10.93	21.99	15.92	15.89	32.12	66.70	66.67	135.94
2037-03-07	1.13	1.10	2.53	0.54	0.51	1.17	0.11	0.08	0.16	0.63	0.63	1.46	0.50	0.50	1.16	0.15	0.15	0.34	10.94	10.91	21.84	15.90	15.87	31.97	66.68	66.65	135.80
2037-03-08	1.11	1.07	2.35	0.53	0.50	1.09	0.11	0.07	0.15	0.62	0.61	1.35	0.49	0.49	1.08	0.15	0.14	0.32	10.92	10.89	21.76	15.87	15.85	31.89	66.65	66.62	135.71
2037-03-09	1.08	1.06	2.26	0.52	0.49	1.04	0.10	0.08	0.14	0.60	0.60	1.30	0.48	0.48	1.04	0.14	0.14	0.31	10.89	10.87	21.69	15.85	15.82	31.83	66.63	66.60	135.65
2037-03-10	1.14	1.11	3.03	0.55	0.52	1.37	0.11	0.08	0.14	0.64	0.63	1.78	0.51	0.51	1.42	0.15	0.15	0.42	10.87	10.85	21.59	15.83	15.80	31.73	66.61	66.58	135.55
2037-03-11	1.33	1.29	4.62	0.64	0.60	2.09	0.13	0.08	0.22	0.74	0.74	2.72	0.59	0.59	2.17	0.18	0.18	0.65	10.85	10.83	21.52	15.81	15.78	31.65	66.59	66.56	135.47
2037-03-12	1.17	1.15	3.57	0.56	0.54	1.67	0.11	0.09	0.27	0.65	0.65	2.03	0.52	0.52	1.62	0.15	0.15	0.48	10.83	10.81	21.57	15.79	15.77	31.70	66.57	66.54	135.52
2037-03-13	1.14	1.11	3.15	0.55	0.52	1.46	0.11	0.08	0.21	0.64	0.63	1.81	0.51	0.50	1.44	0.15	0.15	0.43	10.90	10.87	22.29	15.86	15.83	32.42	66.64	66.61	136.24
2037-03-14	1.12	1.09	2.84	0.54	0.51	1.31	0.11	0.08	0.19	0.62	0.62	1.63	0.50	0.49	1.30	0.15	0.15	0.39	12.03	11.96	24.54	16.99	16.92	34.68	67.77	67.70	138.50
2037-03-15	1.09	1.07	2.59	0.52	0.50	1.20	0.10	0.08	0.17	0.61	0.61	1.49	0.49	0.48	1.19	0.14	0.14	0.35	14.62	14.54	29.93	21.01	20.94	43.01	80.48	80.40	164.58
2037-03-16	1.07	1.04	2.38	0.51	0.49	1.10	0.10	0.08	0.15	0.60	0.59	1.37	0.48	0.47	1.09	0.14	0.14	0.32	13.72	13.74	29.69	20.12	20.13	42.77	79.59	79.60	164.35
2037-03-17	1.05	1.03	2.21	0.51	0.48	1.02	0.10	0.07	0.14	0.59	0.58	1.27	0.47	0.46	1.01	0.14	0.14	0.30	13.51	13.46	29.25	19.91	19.86	42.32	79.37	79.32	163.90
2037-03-18	1.03	1.01	2.06	0.50	0.47	0.95	0.10	0.07	0.13	0.58	0.57	1.18	0.46	0.46	0.94	0.14	0.13	0.28	13.42	13.37	28.45	19.82	19.76	41.53	79.28	79.23	163.11
2037-03-19	1.02	0.99	1.93	0.49	0.46	0.89	0.10	0.07	0.13	0.57	0.56	1.11	0.45	0.45	0.88	0.13	0.13	0.26	13.34	13.29	27.83	19.74	19.69	40.91	79.20	79.15	162.49
2037-03-20	1.00	0.98	1.82	0.48	0.45	0.84	0.10	0.07	0.12	0.56	0.55	1.04	0.44	0.44	0.83	0.13	0.13	0.25	13.26	13.22	27.49	19.66	19.61	40.57	79.13	79.08	162.15
2037-03-21	0.99	0.96	1.72	0.47	0.45	0.80	0.09	0.07	0.11	0.55	0.55	0.99	0.44	0.43	0.79	0.13	0.13	0.23	13.20	13.16	27.20	19.60	19.55	40.28	79.06	79.02	161.86
2037-03-22	0.97	0.95	1.64	0.47	0.45	0.76	0.09	0.07	0.11	0.54	0.54	0.94	0.43	0.43	0.75	0.13	0.13	0.22	13.14	13.10	26.83	19.53	19.49	39.91	79.00	7	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2037-04-20	3.46	3.35	11.32	1.66	1.55	4.81	0.33	0.22	0.00	1.93	1.93	6.96	1.54	1.54	5.55	0.46	0.46	1.64	28.20	28.14	63.82	39.70	39.63	90.25	163.84	163.78	375.83
2037-04-21	4.79	4.54	18.60	2.30	2.06	9.05	0.46	0.22	1.99	2.67	2.67	10.25	2.13	2.13	8.16	0.63	0.64	2.43	28.21	28.15	64.47	39.70	39.64	90.91	163.85	163.79	376.48
2037-04-22	6.69	6.38	20.72	3.21	2.90	9.95	0.64	0.33	1.99	3.73	3.73	11.53	2.97	2.97	9.18	0.88	0.89	2.73	27.88	27.81	63.38	39.37	39.30	89.81	163.52	163.45	375.39
2037-04-23	4.88	4.76	13.02	2.34	2.23	6.14	0.47	0.35	1.06	2.72	2.72	7.37	2.17	2.16	5.87	0.64	0.64	1.75	27.72	27.65	62.68	39.21	39.14	89.11	163.36	163.29	374.69
2037-04-24	4.20	4.07	9.99	2.02	1.88	4.44	0.40	0.26	0.34	2.35	2.34	5.94	1.87	1.86	4.73	0.55	0.55	1.40	27.58	27.52	62.20	39.07	39.01	88.64	163.22	163.16	374.21
2037-04-25	3.69	3.57	9.31	1.77	1.65	4.23	0.35	0.23	0.47	2.06	2.05	5.44	1.64	1.64	4.33	0.49	0.49	1.29	27.63	27.57	61.97	39.12	39.06	88.40	163.27	163.21	373.98
2037-04-26	3.29	3.18	9.14	1.58	1.47	4.24	0.32	0.21	0.61	1.83	1.83	5.25	1.46	1.46	4.18	0.43	0.43	1.24	28.00	27.96	61.88	39.49	39.45	88.32	163.64	163.60	373.89
2037-04-27	3.12	3.01	9.48	1.50	1.39	4.33	0.30	0.19	0.52	1.74	1.74	5.52	1.39	1.38	4.40	0.41	0.41	1.31	28.79	28.73	61.83	40.28	40.22	88.26	164.43	164.37	373.84
2037-04-28	3.18	3.08	10.37	1.52	1.43	4.75	0.30	0.21	0.60	1.77	1.78	6.01	1.41	1.42	4.79	0.42	0.43	1.42	29.60	29.52	62.03	41.09	41.01	88.47	165.24	165.15	374.04
2037-04-29	3.35	3.24	10.88	1.61	1.50	4.99	0.32	0.21	0.64	1.87	1.88	6.30	1.49	1.50	5.02	0.44	0.45	1.49	29.59	29.53	62.09	41.08	41.02	88.52	165.23	165.17	374.10
2037-04-30	3.57	3.46	11.08	1.71	1.60	5.09	0.34	0.23	0.66	1.99	2.00	6.41	1.59	1.60	5.11	0.47	0.48	1.52	29.11	29.02	61.71	40.60	40.51	88.14	164.75	164.66	373.72
2037-05-01	11.93	11.03	27.70	5.73	4.82	11.77	1.14	0.24	0.00	6.66	6.65	17.12	5.30	5.30	13.61	1.57	1.58	4.02	28.77	28.68	19.73	40.26	40.17	26.97	164.41	164.31	105.17
2037-05-02	22.45	22.29	43.32	10.78	10.61	19.73	2.15	1.99	2.30	12.53	12.60	25.26	9.97	10.05	20.12	2.96	3.06	5.97	28.66	28.56	19.57	40.15	40.05	26.81	164.30	164.20	105.01
2037-05-03	12.08	12.92	22.93	5.80	6.63	10.88	1.16	1.99	1.99	6.74	6.73	12.90	5.37	5.37	10.28	1.59	1.60	3.06	28.91	28.83	19.43	40.40	40.32	26.67	164.55	164.46	104.87
2037-05-04	9.61	9.03	25.60	4.61	4.03	12.02	0.92	0.34	1.99	5.36	5.34	14.55	4.27	4.26	11.58	1.27	1.26	3.42	29.27	29.21	19.16	40.76	40.70	26.40	164.91	164.85	104.60
2037-05-05	7.99	7.61	27.87	3.84	3.45	12.99	0.77	0.38	1.99	4.46	4.44	15.93	3.55	3.54	12.69	1.05	1.04	3.77	29.66	29.58	18.93	41.15	41.07	26.16	165.30	165.21	104.36
2037-05-06	6.41	6.21	18.03	3.08	2.88	8.81	0.61	0.42	1.99	3.57	3.56	9.88	2.85	2.84	7.87	0.84	0.84	2.34	30.31	30.22	18.72	41.80	41.71	25.96	165.95	165.86	104.16
2037-05-07	5.32	5.15	12.40	2.55	2.38	5.80	0.51	0.34	0.93	2.97	2.96	7.05	2.36	2.35	5.61	0.70	0.69	1.66	30.87	30.79	18.55	42.36	42.28	25.79	166.51	166.43	103.99
2037-05-08	4.53	4.38	9.14	2.18	2.03	3.99	0.43	0.29	0.19	2.53	2.52	5.50	2.01	2.00	4.38	0.60	0.59	1.30	31.40	31.59	18.40	42.89	43.08	25.64	167.04	167.23	103.84
2037-05-09	3.94	3.81	8.18	1.89	1.76	3.78	0.38	0.25	0.53	2.20	2.19	4.70	1.75	1.74	3.74	0.52	0.51	1.11	31.87	31.40	18.26	43.36	42.90	25.50	167.51	167.04	103.70
2037-05-10	3.68	3.56	7.45	1.77	1.64	3.45	0.35	0.23	0.49	2.05	2.05	4.28	1.63	1.63	3.40	0.48	0.48	1.01	31.87	31.51	18.15	43.36	43.00	25.38	167.51	167.15	103.59
2037-05-11	3.72	3.60	6.89	1.78	1.66	3.16	0.36	0.24	0.40	2.07	2.07	3.99	1.65	1.65	3.17	0.49	0.49	0.94	31.88	31.63	18.04	43.37	43.12	25.28	167.52	167.27	103.48
2037-05-12	4.10	3.95	6.52	1.97	1.82	2.99	0.39	0.24	0.38	2.29	2.29	3.78	1.82	1.82	3.01	0.54	0.55	0.89	32.01	31.54	17.95	43.50	43.03	25.19	167.65	167.18	103.39
2037-05-13	4.53	4.38	6.14	2.18	2.03	2.82	0.43	0.28	0.36	2.53	2.54	3.55	2.01	2.02	2.82	0.60	0.61	0.83	33.84	33.25	18.41	45.33	44.74	25.65	169.47	168.89	103.85
2037-05-14	4.31	4.18	5.44	2.07	1.94	2.51	0.41	0.29	0.34	2.40	2.41	3.14	1.91	1.92	2.50	0.57	0.58	0.74	35.55	35.25	19.79	47.05	46.74	27.03	171.19	170.89	105.23
2037-05-15	3.91	3.77	4.76	1.88	1.74	2.20	0.37	0.24	0.30	2.18	2.17	2.74	1.74	1.73	2.18	0.51	0.51	0.64	105.52	105.33	64.27	134.97	134.78	82.82	650.72	650.54	407.69
2037-05-16	3.63	3.53	4.48	1.74	1.64	2.06	0.35	0.24	0.27	2.03	2.03	2.59	1.61	1.61	2.06	0.48	0.48	0.61	104.29	104.11	64.06	133.74	133.56	82.61	649.49	649.32	407.49
2037-05-17	3.48	3.36	4.34	1.67	1.55	1.99	0.33	0.21	0.26	1.94	1.94	2.51	1.55	1.54	2.00	0.46	0.46	0.59	103.62	103.45	63.91	133.07	132.90	82.46	648.82	648.65	407.34
2037-05-18	4.28	4.09	3.97	2.05	1.86	1.83	0.41	0.22	0.25	2.39	2.38	2.29	1.90	1.90	1.82	0.56	0.57	0.54	103.79	103.58	64.02	133.23	133.03	82.57	648.99	648.78	407.44
2037-05-19	7.27	6.91	3.52	3.49	3.13	1.62	0.70	0.33	0.23	4.06	4.07	2.02	3.23	3.25	1.61	0.96	0.98	0.47	103.73	103.56	64.11	133.18	133.01	82.66	648.94	648.76	407.53
2037-05-20	22.27	20.87	12.97	10.69	9.29	5.63	2.13	0.73	0.20	12.42	12.45	7.85	9.89	9.91	6.25	2.93	2.95	1.85	103.10	102.95	63.96	132.55	132.39	82.50	648.30	648.15	407.38
2037-05-21	33.62	32.39	33.75	16.14	14.90	15.63	3.22	1.99	2.24	18.76	18.71	19.41	14.93	14.90	15.46	4.43	4.42	4.60	102.52	102.38	63.82	131.97	131.83	82.37	647.72	647.58	407.24
2037-05-22	16.63	17.02	19.90	7.98	8.38	9.60	1.59	1.99	1.99	9.28	9.26	11.04	7.38	7.38	8.80	2.19	2.20	2.62	107.27	106.80	68.01	136.72	136.25	86.56	652.47	652.00	411.43
2037-05-23	11.52	12.20	13.66	5.53	6.21	6.95	1.10	1.78	1.99	6.43	6.41	7.19	5.12	5.10	5.73	1.52	1.51	1.70	114.91	114.52	76.63	144.36	143.96	95.18	660.11	659.72	420.05
2037-05-24	9.51	8.75	8.51	4.56	3.81	3.62	0.91	0.16	0.00	5.30	5.29	5.24	4.22	4.21	4.17	1.25	1.25	1.23	108.40	108.26	70.47	137.85	137.71	89.02	653.60	653.46	413.89
2037-05-25	9.39	9.04	7.03	4.50	4.16	3.21	0.90	0.56	0.40	5.24	5.23	4.07	4.17	4.17	3.24	1.24	1.24	0.96	106.33	106.11	68.85	135.78	135.56	87.40	651.53	651.31	412.27
2037-05-26	9.65	10.71	5.77	4.63	5.70	2.67	0.92	1.99	0.38	5.38	5.54	3.31	4.29	4.45	2.64	1.27	1.44	0.78	104.87	104.68	67.77	134.32	134.13	86.32	650.08	649.89	411.19
2037-05-27	11.08	10.02	5.55	5.32	4.26	2.54	1.06	0.00	0.32	6.18	6.07	3.22	4.92	4.81	2.56	1.46	1.36	0.76	103.80	103.64	66.95	133.25	133.09	85.50	649.01	648.84	410.37
2037-05-28	14.01	12.99	5.38	6.73	5.70	2.47	1.34	0.32	0.32	7.82	7.74	3.11	6.22	6.15	2.48	1.85	1.79	0.73	102.99	102.84	66.31	132.44	132.29	84.86	648.19	648.04	409.73
2037-05-29	14.80	14.23	4.58	7.10	6.53	2.12	1.42	0.85	0.30	8.26	8.22	2.63	6.57	6.54	2.09	1.95	1.93	0.62	102.35	102.22	65.80	131.80	131.67	84.35	647.55	647.42	409.22
2037-05-30	14.87	14.31	3.96	7.14	6.58	1.83	1.43	0.87	0.26	8.30	8.28	2.27	6.61	6.59	1.81	1.96	1.95	0.53	102.00	101.87	65.38	131.44	131.31	83.93	647.20	647.07	408.81
2037-05-31	15.62	16.11	3.78	7.50	7.99	1.73	1.50	1.99	0.22	8.71	8.71	2.18	6.94	6.94	1.74	2.06	2.07	0.51	102.41	102.24	65.62	131.85	131.69	84.17	647.61	647.44	409.04
2037-06-01	16.04	15.																									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2037-06-30	3.83	3.69	1.30	1.84	1.71	0.61	0.37	0.24	0.09	2.13	2.12	0.74	1.70	1.69	0.59	0.50	0.50	0.17	155.45	155.31	117.30	190.40	190.26	143.54	1006.26	1006.12	755.93
2037-07-01	3.43	3.31	1.26	1.65	1.53	0.59	0.33	0.21	0.09	1.91	1.90	0.72	1.52	1.51	0.57	0.45	0.45	0.16	154.90	154.77	146.74	189.85	189.72	179.93	1005.71	1005.58	954.67
2037-07-02	3.08	2.98	1.23	1.48	1.38	0.57	0.30	0.19	0.09	1.72	1.71	0.69	1.37	1.36	0.55	0.41	0.40	0.16	154.45	154.33	146.38	189.40	189.29	179.57	1005.26	1005.15	954.31
2037-07-03	2.90	2.80	1.20	1.39	1.29	0.56	0.28	0.18	0.09	1.62	1.61	0.68	1.29	1.28	0.54	0.38	0.38	0.16	154.08	153.97	146.08	189.03	188.93	179.28	1004.89	1004.79	954.02
2037-07-04	2.74	2.65	1.19	1.31	1.22	0.56	0.26	0.17	0.09	1.53	1.52	0.67	1.22	1.21	0.53	0.36	0.35	0.15	153.77	153.67	145.83	188.72	188.62	179.03	1004.58	1004.48	953.77
2037-07-05	2.51	2.43	1.16	1.21	1.12	0.54	0.24	0.16	0.08	1.40	1.39	0.65	1.12	1.11	0.52	0.33	0.32	0.15	153.63	153.53	145.69	188.58	188.48	178.88	1004.44	1004.34	953.63
2037-07-06	2.35	2.28	1.13	1.13	1.05	0.53	0.23	0.15	0.08	1.31	1.30	0.64	1.05	1.04	0.51	0.31	0.30	0.15	153.50	153.41	145.57	188.45	188.36	178.76	1004.31	1004.22	953.50
2037-07-07	2.22	2.15	1.11	1.06	0.99	0.52	0.21	0.14	0.08	1.24	1.23	0.62	0.98	0.98	0.50	0.29	0.29	0.14	153.27	153.19	145.39	188.23	188.15	178.58	1004.09	1004.01	953.32
2037-07-08	2.07	2.01	1.08	0.99	0.93	0.51	0.20	0.14	0.08	1.16	1.15	0.61	0.92	0.91	0.48	0.27	0.27	0.14	154.46	154.29	146.51	189.41	189.25	179.70	1005.27	1005.11	954.44
2037-07-09	1.95	1.89	1.06	0.93	0.87	0.49	0.19	0.13	0.08	1.09	1.08	0.60	0.86	0.86	0.47	0.26	0.25	0.14	157.08	156.84	149.03	192.03	191.79	182.22	1007.89	1007.65	956.97
2037-07-10	1.84	1.78	1.04	0.88	0.83	0.49	0.18	0.12	0.08	1.03	1.02	0.59	0.82	0.81	0.46	0.24	0.24	0.13	154.98	154.90	147.07	189.93	189.86	180.27	1005.79	1005.72	955.01
2037-07-11	1.74	1.69	1.02	0.84	0.78	0.48	0.17	0.11	0.07	0.97	0.96	0.57	0.77	0.77	0.46	0.23	0.22	0.13	154.52	154.40	146.62	189.47	189.35	179.81	1005.33	1005.21	954.55
2037-07-12	1.66	1.61	1.00	0.80	0.75	0.47	0.16	0.11	0.07	0.93	0.92	0.56	0.74	0.73	0.45	0.22	0.21	0.13	154.13	154.03	146.28	189.09	188.98	179.48	1004.95	1004.84	954.22
2037-07-13	1.59	1.54	0.99	0.76	0.72	0.46	0.15	0.11	0.07	0.89	0.88	0.56	0.70	0.70	0.44	0.21	0.20	0.13	153.82	153.72	146.00	188.77	188.67	179.20	1004.63	1004.53	953.94
2037-07-14	1.52	1.48	0.97	0.73	0.69	0.45	0.15	0.10	0.07	0.85	0.84	0.55	0.68	0.67	0.43	0.20	0.19	0.12	153.55	153.46	145.77	188.50	188.41	178.96	1004.36	1004.27	953.70
2037-07-15	1.46	1.42	0.96	0.70	0.66	0.45	0.14	0.10	0.07	0.82	0.81	0.54	0.65	0.64	0.43	0.19	0.19	0.12	171.17	171.08	145.55	188.32	188.23	178.76	1004.09	1004.01	953.43
2037-07-16	1.41	1.37	0.95	0.68	0.64	0.44	0.14	0.10	0.07	0.79	0.78	0.53	0.63	0.62	0.42	0.19	0.18	0.12	70.97	70.89	67.37	92.84	92.76	88.14	559.83	559.75	531.59
2037-07-17	1.36	1.32	0.93	0.65	0.62	0.44	0.13	0.09	0.07	0.76	0.75	0.52	0.60	0.60	0.42	0.18	0.17	0.12	70.80	70.73	67.22	92.67	92.60	87.99	559.65	559.58	531.44
2037-07-18	1.32	1.28	0.92	0.63	0.60	0.43	0.13	0.09	0.07	0.74	0.73	0.52	0.59	0.58	0.41	0.17	0.17	0.12	70.65	70.58	67.08	92.52	92.45	87.85	559.51	559.44	531.30
2037-07-19	1.28	1.25	0.91	0.61	0.58	0.43	0.12	0.09	0.07	0.71	0.71	0.51	0.57	0.56	0.41	0.17	0.16	0.12	70.56	70.49	66.98	92.43	92.36	87.75	559.41	559.34	531.20
2037-07-20	1.24	1.21	0.90	0.60	0.56	0.42	0.12	0.09	0.07	0.69	0.69	0.51	0.55	0.54	0.40	0.16	0.16	0.11	70.47	70.41	66.89	92.34	92.28	87.66	559.33	559.26	531.11
2037-07-21	1.21	1.18	0.89	0.58	0.55	0.42	0.12	0.09	0.07	0.68	0.67	0.50	0.54	0.53	0.40	0.16	0.15	0.11	70.36	70.30	66.79	92.23	92.17	87.56	559.21	559.15	531.01
2037-07-22	1.18	1.15	0.89	0.57	0.54	0.42	0.11	0.08	0.07	0.66	0.65	0.50	0.52	0.52	0.39	0.16	0.15	0.11	70.26	70.20	66.70	92.13	92.08	87.47	559.12	559.06	530.92
2037-07-23	1.15	1.12	0.88	0.55	0.53	0.41	0.11	0.08	0.07	0.64	0.63	0.49	0.51	0.50	0.39	0.15	0.14	0.11	70.17	70.11	66.62	92.04	91.99	87.39	559.03	558.97	530.84
2037-07-24	1.13	1.10	0.87	0.54	0.51	0.41	0.11	0.08	0.07	0.63	0.62	0.49	0.50	0.49	0.39	0.15	0.14	0.11	70.09	70.04	66.55	91.96	91.91	87.32	558.95	558.89	530.77
2037-07-25	1.17	1.14	0.92	0.56	0.53	0.43	0.11	0.08	0.07	0.65	0.65	0.52	0.52	0.51	0.41	0.15	0.15	0.12	70.02	69.97	66.49	91.89	91.84	87.26	558.87	558.82	530.70
2037-07-26	1.26	1.23	1.11	0.61	0.57	0.51	0.12	0.09	0.08	0.71	0.70	0.63	0.56	0.55	0.50	0.17	0.16	0.14	69.95	69.90	66.43	91.82	91.78	87.20	558.81	558.76	530.65
2037-07-27	1.18	1.16	0.93	0.57	0.54	0.44	0.11	0.09	0.08	0.66	0.65	0.52	0.53	0.52	0.41	0.16	0.15	0.12	69.89	69.84	66.37	91.77	91.72	87.14	558.75	558.70	530.59
2037-07-28	1.16	1.13	0.91	0.55	0.53	0.43	0.11	0.08	0.07	0.64	0.64	0.51	0.51	0.51	0.40	0.15	0.15	0.12	69.84	69.79	66.33	91.71	91.67	87.10	558.69	558.65	530.54
2037-07-29	1.14	1.11	0.90	0.55	0.52	0.42	0.11	0.08	0.07	0.63	0.63	0.50	0.50	0.50	0.40	0.15	0.14	0.11	69.87	69.82	66.34	91.74	91.69	87.11	558.72	558.68	530.56
2037-07-30	1.14	1.11	0.90	0.55	0.52	0.42	0.11	0.08	0.07	0.63	0.63	0.50	0.51	0.50	0.40	0.15	0.14	0.11	69.89	69.85	66.36	91.76	91.72	87.13	558.75	558.70	530.57
2037-07-31	1.13	1.11	0.89	0.54	0.52	0.42	0.11	0.08	0.07	0.63	0.62	0.50	0.50	0.50	0.40	0.15	0.14	0.11	69.84	69.79	66.31	91.71	91.67	87.08	558.69	558.65	530.52
2037-08-01	1.11	1.08	0.88	0.53	0.51	0.41	0.11	0.08	0.07	0.62	0.61	0.49	0.49	0.48	0.39	0.15	0.14	0.11	71.44	71.29	62.52	93.31	93.16	81.69	560.30	560.15	490.95
2037-08-02	1.09	1.06	0.88	0.52	0.50	0.41	0.10	0.08	0.07	0.61	0.60	0.49	0.48	0.48	0.39	0.14	0.14	0.11	74.18	74.00	64.70	96.05	95.87	83.87	563.03	562.86	493.14
2037-08-03	1.31	1.26	1.10	0.63	0.58	0.51	0.13	0.08	0.07	0.73	0.72	0.63	0.58	0.57	0.50	0.17	0.17	0.14	71.51	71.49	62.64	93.38	93.37	81.81	560.36	560.35	491.08
2037-08-04	1.88	1.80	1.51	0.90	0.82	0.69	0.18	0.10	0.09	1.05	1.04	0.87	0.83	0.83	0.69	0.25	0.24	0.20	71.26	71.18	62.40	93.14	93.05	81.57	560.12	560.03	490.84
2037-08-05	1.34	1.33	1.05	0.64	0.63	0.50	0.13	0.12	0.10	0.75	0.74	0.58	0.59	0.59	0.46	0.18	0.17	0.13	71.84	71.71	62.78	93.71	93.58	81.95	560.70	560.57	491.21
2037-08-06	1.30	1.26	1.01	0.62	0.59	0.47	0.12	0.09	0.08	0.72	0.71	0.57	0.58	0.57	0.45	0.17	0.16	0.13	73.55	73.34	63.90	95.42	95.21	83.07	562.40	562.20	492.34
2037-08-07	1.26	1.23	0.99	0.60	0.57	0.46	0.12	0.09	0.08	0.70	0.69	0.56	0.56	0.55	0.44	0.17	0.16	0.13	72.63	72.53	63.30	94.50	94.40	82.47	561.48	561.39	491.73
2037-08-08	1.22	1.19	0.98	0.59	0.56	0.46	0.12	0.09	0.07	0.68	0.67	0.55	0.54	0.54	0.44	0.16	0.15	0.12	72.20	72.09	63.01	94.07	93.97	82.18	561.06	560.95	491.44
2037-08-09	1.19	1.17	0.96	0.57	0.55	0.45	0.11	0.09	0.08	0.67	0.66	0.54	0.53	0.52	0.43	0.16	0.15	0.12	71.85	71.74	62.77	93.72	93.62	81.94	560.70	560.60	491.20
2037-08-10	1.16	1.14	0.95	0.56	0.53	0.45	0.11	0.09	0.07	0.65	0.64	0.53	0.52	0.51	0.42	0.15	0.15	0.12	71.55	71.46	62.57	93.42	93.33	81.74	560.41	560.31	491.00
2037-08-11	1.14	1.11	0.94	0.55																							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2037-09-09	2.46	2.39	2.31	1.18	1.10	1.07	0.24	0.16	0.15	1.37	1.37	1.32	1.09	1.09	1.05	0.32	0.32	0.31	34.38	34.34	35.03	45.94	45.90	46.88	245.44	245.40	251.40
2037-09-10	2.28	2.21	2.14	1.10	1.02	0.99	0.22	0.15	0.14	1.27	1.26	1.23	1.01	1.01	0.98	0.30	0.29	0.29	33.88	33.76	34.45	45.44	45.32	46.30	244.94	244.82	250.82
2037-09-11	2.13	2.06	2.01	1.02	0.96	0.93	0.20	0.14	0.13	1.19	1.18	1.15	0.95	0.94	0.91	0.28	0.27	0.27	33.47	33.36	34.05	45.02	44.92	45.91	244.52	244.42	250.43
2037-09-12	2.00	1.93	1.89	0.96	0.90	0.87	0.19	0.13	0.13	1.11	1.10	1.08	0.89	0.88	0.86	0.26	0.26	0.25	33.12	33.02	33.73	44.68	44.58	45.58	244.18	244.08	250.10
2037-09-13	1.88	1.82	1.78	0.90	0.85	0.83	0.18	0.12	0.12	1.05	1.04	1.02	0.84	0.83	0.81	0.25	0.24	0.24	32.84	32.75	33.45	44.40	44.31	45.31	243.89	243.80	249.83
2037-09-14	1.78	1.73	1.69	0.86	0.80	0.79	0.17	0.12	0.12	0.99	0.99	0.96	0.79	0.78	0.77	0.23	0.23	0.22	32.59	32.51	33.22	44.15	44.07	45.07	243.65	243.57	249.60
2037-09-15	1.89	1.82	1.79	0.91	0.84	0.83	0.18	0.11	0.11	1.05	1.05	1.03	0.84	0.83	0.82	0.25	0.24	0.24	20.93	20.85	21.28	29.64	29.57	30.21	162.49	162.41	166.41
2037-09-16	2.07	2.00	2.01	1.00	0.92	0.92	0.20	0.12	0.12	1.16	1.15	1.15	0.92	0.91	0.92	0.27	0.27	0.27	20.75	20.67	21.10	29.46	29.39	30.04	162.31	162.24	166.24
2037-09-17	1.98	1.92	1.91	0.95	0.89	0.88	0.19	0.13	0.13	1.11	1.10	1.09	0.88	0.87	0.86	0.26	0.26	0.25	21.16	21.05	21.51	29.88	29.77	30.45	162.72	162.62	166.64
2037-09-18	1.91	1.85	1.83	0.92	0.86	0.85	0.18	0.12	0.12	1.06	1.06	1.05	0.85	0.84	0.83	0.25	0.25	0.24	23.42	23.19	23.81	32.13	31.91	32.75	164.98	164.75	168.94
2037-09-19	1.84	1.78	1.77	0.88	0.83	0.82	0.18	0.12	0.12	1.03	1.02	1.01	0.82	0.81	0.80	0.24	0.24	0.23	23.26	23.12	23.75	31.98	31.83	32.69	164.83	164.68	168.89
2037-09-20	1.74	1.69	1.68	0.84	0.79	0.78	0.17	0.12	0.12	0.97	0.96	0.96	0.77	0.77	0.76	0.23	0.22	0.22	22.35	22.25	22.80	31.07	30.97	31.74	163.92	163.81	167.94
2037-09-21	1.66	1.61	1.60	0.80	0.75	0.74	0.16	0.11	0.11	0.93	0.92	0.91	0.74	0.73	0.72	0.22	0.21	0.21	21.95	21.85	22.38	30.67	30.56	31.32	163.52	163.41	167.51
2037-09-22	1.70	1.64	1.65	0.81	0.76	0.76	0.16	0.11	0.11	0.95	0.94	0.94	0.75	0.75	0.75	0.22	0.22	0.22	22.02	21.90	22.44	30.74	30.61	31.38	163.58	163.46	167.57
2037-09-23	1.72	1.67	1.70	0.83	0.78	0.79	0.17	0.11	0.12	0.96	0.95	0.97	0.77	0.76	0.77	0.23	0.22	0.23	22.50	22.35	22.94	31.22	31.07	31.87	164.06	163.92	168.07
2037-09-24	1.64	1.60	1.62	0.79	0.74	0.75	0.16	0.11	0.11	0.92	0.91	0.92	0.73	0.72	0.73	0.22	0.21	0.21	23.73	23.52	24.23	32.45	32.24	33.17	165.30	165.09	169.36
2037-09-25	1.61	1.56	1.59	0.77	0.72	0.74	0.15	0.11	0.11	0.90	0.89	0.91	0.71	0.71	0.72	0.21	0.21	0.21	24.53	24.31	25.09	33.25	33.03	34.02	166.10	165.88	170.22
2037-09-26	1.62	1.58	1.61	0.78	0.73	0.75	0.16	0.11	0.11	0.91	0.90	0.92	0.72	0.71	0.73	0.21	0.21	0.21	23.62	23.48	24.16	32.34	32.20	33.09	165.19	165.04	169.29
2037-09-27	1.60	1.56	1.59	0.77	0.72	0.74	0.15	0.11	0.11	0.89	0.89	0.91	0.71	0.71	0.72	0.21	0.21	0.21	22.98	22.85	23.48	31.70	31.56	32.41	164.54	164.41	168.61
2037-09-28	1.69	1.64	1.68	0.81	0.76	0.77	0.16	0.10	0.11	0.94	0.94	0.96	0.75	0.74	0.76	0.22	0.22	0.22	26.29	25.93	26.86	35.01	34.64	35.80	167.86	167.49	171.99
2037-09-29	1.77	1.71	3.28	0.85	0.79	1.46	0.17	0.11	0.12	0.99	0.98	1.94	0.79	0.78	1.54	0.23	0.23	0.45	34.86	33.75	35.88	43.58	42.47	44.81	176.43	175.32	181.01
2037-09-30	1.68	1.67	4.74	0.81	0.80	2.17	0.16	0.15	0.28	0.94	0.94	2.75	0.75	0.75	2.19	0.22	0.22	0.65	31.74	30.97	33.17	40.46	39.68	42.11	173.31	172.53	178.30
2037-10-01	1.61	1.56	2.94	0.77	0.73	1.25	0.15	0.11	0.00	0.90	0.89	1.80	0.71	0.71	1.43	0.21	0.21	0.42	29.58	29.28	31.37	38.29	37.99	40.60	171.14	170.84	181.26
2037-10-02	1.56	1.41	2.67	0.75	0.60	1.13	0.15	0.00	0.00	0.87	0.86	1.64	0.69	0.69	1.30	0.21	0.20	0.38	27.54	27.30	29.11	36.26	36.02	38.34	169.11	168.87	179.00
2037-10-03	1.52	1.38	2.45	0.73	0.59	1.04	0.15	0.00	0.00	0.85	0.84	1.50	0.68	0.67	1.19	0.20	0.19	0.35	25.97	25.77	27.37	34.69	34.49	36.60	167.53	167.33	177.26
2037-10-04	1.49	1.41	2.27	0.71	0.64	0.96	0.14	0.07	0.00	0.83	0.82	1.39	0.66	0.65	1.10	0.20	0.19	0.32	24.78	24.60	26.06	33.49	33.32	35.28	166.34	166.17	175.94
2037-10-05	1.50	1.46	2.16	0.72	0.68	0.92	0.14	0.10	0.00	0.84	0.83	1.32	0.67	0.66	1.05	0.20	0.19	0.31	23.88	23.73	25.08	32.60	32.44	34.31	165.44	165.29	174.97
2037-10-06	1.60	1.55	2.15	0.77	0.72	0.91	0.15	0.10	0.00	0.90	0.89	1.32	0.71	0.70	1.05	0.21	0.20	0.31	23.18	22.82	24.33	31.90	31.54	33.56	164.74	164.39	174.22
2037-10-07	1.67	1.61	2.10	0.80	0.75	0.89	0.16	0.10	0.00	0.93	0.92	1.29	0.74	0.73	1.02	0.22	0.21	0.30	22.94	22.60	24.11	31.66	31.32	33.34	164.51	164.17	174.00
2037-10-08	1.68	1.63	2.02	0.81	0.75	0.86	0.16	0.11	0.00	0.94	0.93	1.24	0.75	0.74	0.98	0.22	0.21	0.29	22.72	22.39	23.91	31.43	31.11	33.14	164.28	163.96	173.80
2037-10-09	2.14	2.04	2.44	1.03	0.93	1.04	0.21	0.11	0.00	1.19	1.18	1.49	0.95	0.94	1.19	0.28	0.27	0.35	22.25	21.96	23.41	30.97	30.67	32.64	163.82	163.52	173.30
2037-10-10	2.76	2.64	3.13	1.33	1.20	1.33	0.26	0.14	0.00	1.54	1.53	1.92	1.23	1.22	1.53	0.36	0.36	0.45	22.22	21.93	23.42	30.94	30.64	32.65	163.79	163.49	173.31
2037-10-11	2.17	2.12	2.72	1.04	0.99	1.27	0.21	0.16	0.20	1.21	1.20	1.54	0.96	0.95	1.23	0.29	0.28	0.36	22.17	21.88	23.41	30.88	30.59	32.64	163.73	163.44	173.30
2037-10-12	2.03	1.96	2.46	0.98	0.90	1.13	0.19	0.12	0.15	1.13	1.12	1.41	0.90	0.89	1.12	0.27	0.26	0.32	21.80	21.53	23.01	30.51	30.25	32.24	163.36	163.10	172.90
2037-10-13	1.91	1.85	2.28	0.92	0.86	1.06	0.18	0.12	0.15	1.07	1.06	1.31	0.85	0.84	1.04	0.25	0.24	0.30	21.49	21.27	22.67	30.21	29.99	31.90	163.06	162.84	172.56
2037-10-14	1.81	1.76	2.13	0.87	0.82	0.98	0.17	0.12	0.14	1.01	1.00	1.22	0.80	0.80	0.97	0.24	0.23	0.28	21.23	21.14	22.38	29.95	29.86	31.61	162.80	162.71	172.27
2037-10-15	1.72	1.68	2.00	0.83	0.78	0.93	0.16	0.12	0.14	0.96	0.95	1.14	0.76	0.76	0.91	0.23	0.22	0.27	20.63	20.55	21.75	28.99	28.90	30.59	143.35	143.26	151.68
2037-10-16	1.66	1.62	1.90	0.80	0.76	0.89	0.16	0.12	0.14	0.92	0.92	1.08	0.74	0.73	0.86	0.22	0.21	0.25	20.47	20.39	21.59	28.83	28.75	30.44	143.19	143.11	151.52
2037-10-17	1.62	1.53	1.69	0.78	0.68	0.72	0.16	0.06	0.00	0.91	0.90	1.04	0.72	0.72	0.82	0.21	0.21	0.24	20.30	20.49	21.36	28.65	28.85	30.21	143.01	143.21	151.29
2037-10-18	1.58	1.49	1.72	0.76	0.67	0.79	0.15	0.06	0.10	0.88	0.87	0.99	0.70	0.69	0.79	0.21	0.20	0.23	20.14	19.96	21.20	28.50	28.31	30.04	142.86	142.67	151.13
2037-10-19	1.51	1.46	1.65	0.73	0.68	0.77	0.14	0.10	0.11	0.84	0.83	0.94	0.67	0.66	0.75	0.20	0.19	0.22	20.01	19.83	21.09	28.36	28.19	29.93	142.72	142.55	151.02
2037-10-20	1.46	1.42	1.59	0.70	0.66	0.74	0.14	0.10	0.11	0.81	0.81	0.90	0.65	0.64	0.72	0.19	0.19	0.21	19.89	19.78	20.84	28.24	28.14	29.69	142.60	142.50	150.77
2037-10-21	1.41	1.38	1.53	0.68	0.64	0.71	0.14	0.10	0.11	0.79	0.78	0.87	0.63	0.62	0.69	0.19	0.18	0.20									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2037-11-19	1.31	1.28	1.39	0.63	0.60	0.66	0.13	0.10	0.11	0.73	0.73	0.79	0.58	0.58	0.63	0.17	0.18	0.19	18.68	18.65	19.06	27.08	27.06	27.65	123.24	123.22	125.91
2037-11-20	1.37	1.37	1.47	0.66	0.66	0.71	0.13	0.13	0.14	0.77	0.78	0.83	0.61	0.62	0.67	0.18	0.19	0.21	18.66	18.63	19.04	27.07	27.04	27.63	123.23	123.20	125.88
2037-11-21	1.50	1.48	1.58	0.72	0.70	0.74	0.14	0.12	0.13	0.84	0.85	0.90	0.67	0.68	0.72	0.20	0.21	0.22	18.65	18.60	19.01	27.05	27.01	27.60	123.22	123.17	125.85
2037-11-22	1.64	1.61	1.69	0.79	0.76	0.82	0.16	0.13	0.17	0.91	0.92	0.94	0.73	0.74	0.75	0.22	0.23	0.23	18.64	18.59	18.99	27.04	26.99	27.58	123.20	123.16	125.84
2037-11-23	1.51	1.47	1.46	0.73	0.68	0.63	0.15	0.10	0.01	0.84	0.84	0.89	0.67	0.67	0.70	0.20	0.20	0.21	18.62	18.58	18.98	27.03	26.99	27.57	123.19	123.15	125.83
2037-11-24	1.46	1.40	1.47	0.70	0.64	0.67	0.14	0.08	0.08	0.81	0.80	0.84	0.65	0.64	0.67	0.19	0.18	0.19	18.61	18.57	18.97	27.02	26.98	27.56	123.18	123.14	125.82
2037-11-25	1.40	1.35	1.41	0.67	0.62	0.64	0.13	0.08	0.08	0.78	0.77	0.81	0.62	0.61	0.64	0.18	0.18	0.19	18.60	18.57	18.97	27.01	26.97	27.55	123.17	123.13	125.81
2037-11-26	1.36	1.31	1.37	0.65	0.60	0.63	0.13	0.08	0.08	0.76	0.75	0.78	0.60	0.60	0.62	0.18	0.17	0.18	18.59	18.56	18.96	27.00	26.96	27.54	123.16	123.12	125.80
2037-11-27	1.31	1.27	1.32	0.63	0.58	0.61	0.13	0.08	0.08	0.73	0.73	0.76	0.58	0.58	0.60	0.17	0.17	0.18	18.58	18.55	18.95	26.99	26.96	27.54	123.15	123.12	125.79
2037-11-28	1.28	1.24	1.28	0.61	0.57	0.59	0.12	0.08	0.09	0.71	0.71	0.73	0.57	0.56	0.58	0.17	0.16	0.17	18.57	18.54	18.94	26.98	26.95	27.52	123.14	123.11	125.78
2037-11-29	1.24	1.20	1.25	0.60	0.56	0.58	0.12	0.08	0.08	0.69	0.69	0.71	0.55	0.55	0.57	0.16	0.16	0.17	18.56	18.53	18.92	26.97	26.93	27.51	123.13	123.10	125.77
2037-11-30	1.21	1.17	1.21	0.58	0.54	0.56	0.12	0.08	0.08	0.67	0.67	0.69	0.54	0.53	0.55	0.16	0.16	0.16	18.55	18.53	18.92	26.96	26.93	27.51	123.12	123.09	125.77
2037-12-01	1.18	1.14	1.17	0.57	0.52	0.54	0.11	0.07	0.07	0.66	0.65	0.67	0.52	0.52	0.53	0.16	0.15	0.15	18.54	18.52	18.63	26.95	26.93	27.08	123.11	123.09	123.74
2037-12-02	1.15	1.11	1.15	0.55	0.52	0.53	0.11	0.07	0.08	0.64	0.64	0.66	0.51	0.51	0.52	0.15	0.15	0.15	18.54	18.52	18.62	26.94	26.92	27.07	123.10	123.08	123.73
2037-12-03	1.12	1.09	1.12	0.54	0.51	0.52	0.11	0.07	0.07	0.63	0.62	0.64	0.50	0.50	0.51	0.15	0.14	0.15	18.53	18.50	18.61	26.93	26.91	27.06	123.10	123.07	123.72
2037-12-04	1.10	1.06	1.09	0.53	0.49	0.50	0.11	0.07	0.07	0.61	0.61	0.62	0.49	0.48	0.50	0.15	0.14	0.14	18.52	18.49	18.60	26.93	26.90	27.04	123.09	123.06	123.71
2037-12-05	1.08	1.04	1.07	0.52	0.48	0.50	0.10	0.07	0.07	0.60	0.60	0.61	0.48	0.47	0.49	0.14	0.14	0.14	18.52	18.48	18.58	26.92	26.88	27.03	123.08	123.04	123.69
2037-12-06	1.06	1.03	1.05	0.51	0.48	0.49	0.10	0.07	0.07	0.59	0.59	0.60	0.47	0.47	0.48	0.14	0.14	0.14	18.51	18.47	18.57	26.91	26.87	27.02	123.08	123.03	123.68
2037-12-07	1.04	1.01	1.04	0.50	0.47	0.48	0.10	0.07	0.07	0.58	0.58	0.59	0.46	0.46	0.47	0.14	0.13	0.14	18.50	18.46	18.56	26.91	26.86	27.01	123.07	123.03	123.67
2037-12-08	1.02	1.00	1.02	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.57	0.58	0.45	0.45	0.46	0.13	0.13	0.14	18.50	18.45	18.55	26.90	26.86	27.00	123.06	123.02	123.66
2037-12-09	1.01	0.98	1.00	0.48	0.46	0.47	0.10	0.07	0.07	0.56	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	18.49	18.45	18.55	26.90	26.86	27.00	123.06	123.02	123.66
2037-12-10	0.99	0.97	0.99	0.48	0.45	0.46	0.10	0.07	0.07	0.55	0.55	0.56	0.44	0.44	0.45	0.13	0.13	0.13	18.49	18.45	18.55	26.90	26.86	27.00	123.06	123.02	123.66
2037-12-11	0.99	0.97	0.99	0.47	0.45	0.46	0.09	0.07	0.07	0.55	0.55	0.56	0.44	0.44	0.45	0.13	0.13	0.13	18.49	18.46	18.55	26.90	26.87	27.00	123.06	123.03	123.66
2037-12-12	1.03	1.00	1.03	0.49	0.47	0.48	0.10	0.07	0.07	0.57	0.57	0.59	0.46	0.45	0.47	0.14	0.13	0.14	18.49	18.47	18.55	26.90	26.87	27.00	123.06	123.03	123.66
2037-12-13	1.45	1.39	1.49	0.70	0.64	0.68	0.14	0.08	0.08	0.81	0.81	0.87	0.64	0.64	0.69	0.19	0.19	0.21	18.50	18.48	18.56	26.90	26.88	27.01	123.06	123.04	123.67
2037-12-14	1.88	1.80	1.96	0.90	0.82	0.89	0.18	0.10	0.11	1.05	1.04	1.14	0.83	0.83	0.91	0.25	0.25	0.27	18.50	18.48	18.57	26.90	26.88	27.02	123.06	123.05	123.68
2037-12-15	1.60	1.57	1.72	0.77	0.74	0.81	0.15	0.12	0.14	0.89	0.89	0.98	0.71	0.71	0.78	0.21	0.21	0.23	13.68	13.66	13.75	19.91	19.89	20.01	83.73	83.71	84.16
2037-12-16	1.39	1.36	1.47	0.67	0.64	0.69	0.13	0.10	0.11	0.78	0.77	0.84	0.62	0.62	0.67	0.18	0.18	0.20	13.76	13.74	13.87	19.98	19.96	20.13	83.81	83.79	84.28
2037-12-17	1.34	1.31	1.40	0.65	0.61	0.65	0.13	0.09	0.10	0.75	0.75	0.80	0.60	0.60	0.64	0.18	0.18	0.19	13.64	13.62	13.73	19.86	19.85	19.98	83.68	83.67	84.14
2037-12-18	1.30	1.26	1.35	0.63	0.58	0.62	0.12	0.08	0.09	0.73	0.72	0.77	0.58	0.57	0.61	0.17	0.17	0.18	13.63	13.62	13.68	19.86	19.84	19.94	83.68	83.66	84.10
2037-12-19	1.27	1.23	1.31	0.61	0.57	0.61	0.12	0.08	0.09	0.71	0.70	0.75	0.56	0.56	0.59	0.17	0.16	0.17	13.62	13.60	13.66	19.84	19.82	19.92	83.67	83.65	84.07
2037-12-20	1.23	1.19	1.26	0.59	0.55	0.58	0.12	0.08	0.08	0.69	0.68	0.72	0.55	0.54	0.57	0.16	0.16	0.17	13.62	13.58	13.64	19.84	19.81	19.90	83.67	83.63	84.05
2037-12-21	1.20	1.16	1.22	0.58	0.53	0.56	0.11	0.07	0.08	0.67	0.66	0.70	0.53	0.53	0.56	0.16	0.15	0.16	13.62	13.59	13.65	19.84	19.81	19.90	83.67	83.64	84.06
2037-12-22	1.17	1.13	1.19	0.56	0.52	0.55	0.11	0.07	0.07	0.65	0.65	0.68	0.52	0.51	0.54	0.15	0.15	0.16	13.62	13.60	13.66	19.85	19.82	19.91	83.67	83.65	84.07
2037-12-23	1.14	1.10	1.16	0.55	0.51	0.53	0.11	0.07	0.07	0.64	0.63	0.66	0.51	0.50	0.53	0.15	0.15	0.15	13.62	13.60	13.66	19.85	19.82	19.91	83.67	83.65	84.07
2037-12-24	1.12	1.08	1.13	0.54	0.50	0.52	0.11	0.07	0.07	0.62	0.62	0.65	0.50	0.49	0.52	0.15	0.14	0.15	13.62	13.60	13.66	19.85	19.83	19.92	83.67	83.65	84.07
2037-12-25	1.10	1.06	1.11	0.53	0.49	0.51	0.11	0.07	0.07	0.61	0.61	0.63	0.49	0.48	0.50	0.14	0.14	0.15	13.62	13.60	13.66	19.85	19.83	19.92	83.67	83.65	84.07
2037-12-26	1.07	1.05	1.09	0.52	0.49	0.51	0.10	0.08	0.08	0.60	0.60	0.62	0.48	0.47	0.49	0.14	0.14	0.15	13.62	13.60	13.66	19.85	19.83	19.92	83.67	83.65	84.07
2037-12-27	1.05	1.03	1.07	0.51	0.48	0.50	0.10	0.07	0.08	0.59	0.58	0.61	0.47	0.47	0.48	0.14	0.14	0.14	13.68	13.66	13.72	19.90	19.88	19.98	83.73	83.70	84.13
2037-12-28	1.04	1.01	1.05	0.50	0.47	0.49	0.10	0.07	0.08	0.58	0.58	0.60	0.46	0.46	0.48	0.14	0.13	0.14	13.74	13.72	13.80	19.97	19.95	20.06	83.79	83.77	84.21
2037-12-29	1.02	0.99	1.03	0.49	0.46	0.48	0.10	0.07	0.07	0.57	0.57	0.59	0.45	0.45	0.47	0.13	0.13	0.14	13.63	13.61	13.67	19.86	19.84	19.93	83.68	83.66	84.09
2037-12-30	1.00	0.98	1.01	0.48	0.45	0.47	0.10	0.07	0.07	0.56	0.56	0.57	0.45	0.44	0.46	0.13	0.13	0.13	13.62	13.60	13.66	19.85	19.83	19.92	83.67	83.65	84.07
2037-12-31	0.99	0.96	0.99	0.47	0.45	0.46	0.09	0.07	0.07	0.55	0.55	0.57	0.44	0.44	0.45	0.13	0.13	0.13	13.62	13.61	13.66	19.85	19.83				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2038-01-29	0.93	0.91	0.96	0.45	0.42	0.45	0.09	0.07	0.07	0.52	0.52	0.55	0.41	0.41	0.43	0.12	0.12	0.13	10.56	10.54	10.53	16.44	16.42	16.40	69.62	69.59	69.55
2038-01-30	1.04	1.01	1.06	0.50	0.47	0.50	0.10	0.07	0.07	0.58	0.58	0.61	0.46	0.46	0.49	0.14	0.14	0.14	10.56	10.54	10.53	16.44	16.41	16.40	69.62	69.59	69.55
2038-01-31	0.96	0.95	1.01	0.46	0.45	0.48	0.09	0.08	0.08	0.54	0.53	0.57	0.43	0.43	0.46	0.13	0.13	0.14	10.57	10.54	10.53	16.44	16.42	16.40	69.62	69.60	69.55
2038-02-01	0.96	0.94	1.02	0.46	0.44	0.48	0.09	0.08	0.08	0.53	0.53	0.58	0.43	0.43	0.46	0.13	0.13	0.14	10.57	10.55	10.53	16.44	16.42	16.39	69.62	69.60	69.48
2038-02-02	0.95	0.93	1.00	0.45	0.44	0.47	0.09	0.07	0.08	0.53	0.53	0.57	0.42	0.42	0.45	0.12	0.12	0.13	10.57	10.55	10.57	16.44	16.43	16.44	69.62	69.60	69.52
2038-02-03	0.94	0.92	0.98	0.45	0.43	0.46	0.09	0.07	0.07	0.52	0.52	0.56	0.42	0.41	0.44	0.12	0.12	0.13	10.57	10.55	10.63	16.44	16.43	16.50	69.62	69.61	69.59
2038-02-04	0.92	0.91	0.97	0.44	0.42	0.45	0.09	0.07	0.07	0.52	0.51	0.55	0.41	0.41	0.44	0.12	0.12	0.13	10.57	10.55	10.54	16.45	16.43	16.40	69.62	69.60	69.49
2038-02-05	0.91	0.89	0.95	0.44	0.42	0.45	0.09	0.07	0.07	0.51	0.51	0.54	0.41	0.40	0.43	0.12	0.12	0.13	10.57	10.55	10.53	16.45	16.43	16.39	69.62	69.61	69.48
2038-02-06	0.90	0.89	0.94	0.43	0.41	0.44	0.09	0.07	0.07	0.50	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.13	10.57	10.55	10.53	16.45	16.43	16.39	69.62	69.61	69.48
2038-02-07	0.90	0.88	0.93	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.12	10.57	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2038-02-08	0.89	0.87	0.92	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.49	0.52	0.39	0.39	0.41	0.12	0.12	0.12	10.57	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2038-02-09	0.88	0.86	0.91	0.42	0.40	0.42	0.08	0.07	0.07	0.49	0.49	0.51	0.39	0.39	0.41	0.12	0.11	0.12	10.57	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2038-02-10	0.87	0.85	0.90	0.42	0.40	0.42	0.08	0.07	0.07	0.49	0.48	0.51	0.39	0.39	0.41	0.11	0.11	0.12	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2038-02-11	0.86	0.85	0.89	0.42	0.40	0.42	0.08	0.06	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2038-02-12	0.86	0.84	0.88	0.41	0.39	0.41	0.08	0.07	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2038-02-13	0.85	0.83	0.87	0.41	0.39	0.41	0.08	0.06	0.07	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.12	10.58	10.56	10.59	16.45	16.43	16.45	69.63	69.61	69.54
2038-02-14	0.85	0.83	0.87	0.41	0.39	0.41	0.08	0.06	0.07	0.47	0.47	0.49	0.38	0.37	0.39	0.11	0.11	0.12	10.58	10.56	10.67	16.45	16.44	16.53	69.63	69.62	69.62
2038-02-15	0.84	0.83	0.87	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.47	0.49	0.37	0.37	0.39	0.11	0.11	0.12	10.50	10.48	10.46	15.38	15.36	15.34	65.48	65.46	65.35
2038-02-16	0.84	0.82	0.86	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.47	0.49	0.37	0.37	0.39	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.36	15.32	65.48	65.46	65.33
2038-02-17	0.83	0.82	0.85	0.40	0.39	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.32	65.48	65.46	65.34
2038-02-18	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2038-02-19	0.82	0.81	0.84	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.36	0.36	0.38	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2038-02-20	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.07	0.07	0.46	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2038-02-21	0.81	0.80	0.83	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2038-02-22	0.81	0.79	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.35	0.37	0.11	0.10	0.11	10.51	10.48	10.45	15.39	15.37	15.33	65.49	65.46	65.34
2038-02-23	0.80	0.78	0.81	0.39	0.36	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.11	10.51	10.49	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2038-02-24	0.80	0.78	0.80	0.38	0.36	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2038-02-25	0.80	0.78	0.80	0.38	0.36	0.38	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.51	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2038-02-26	0.79	0.78	0.80	0.38	0.36	0.38	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2038-02-27	0.79	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2038-02-28	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.35
2038-03-01	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.77	10.73	21.46	15.65	15.62	31.63	65.75	65.72	135.93
2038-03-02	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	12.09	11.98	24.91	16.98	16.86	35.08	67.07	66.96	139.37
2038-03-03	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	12.81	12.72	25.70	17.70	17.60	35.87	67.79	67.70	140.17
2038-03-04	0.80	0.78	0.96	0.38	0.37	0.44	0.08	0.06	0.06	0.45	0.44	0.55	0.35	0.35	0.44	0.11	0.10	0.13	10.89	10.92	22.57	15.77	15.80	32.74	65.87	65.90	137.03
2038-03-05	0.80	0.78	1.19	0.38	0.37	0.55	0.08	0.06	0.07	0.45	0.44	0.69	0.35	0.35	0.55	0.11	0.10	0.16	10.86	10.83	22.27	15.74	15.71	32.43	65.84	65.81	136.73
2038-03-06	0.80	0.78	0.87	0.38	0.36	0.41	0.08	0.06	0.08	0.45	0.44	0.48	0.36	0.35	0.38	0.11	0.10	0.11	10.83	10.80	22.09	15.71	15.68	32.25	65.81	65.78	136.55
2038-03-07	0.80	0.78	0.84	0.38	0.36	0.39	0.08	0.06	0.06	0.45	0.44	0.48	0.36	0.35	0.38	0.11	0.10	0.11	10.80	10.77	21.93	15.69	15.66	32.10	65.79	65.76	136.40
2038-03-08	0.80	0.78	0.83	0.38	0.36	0.39	0.08	0.06	0.06	0.45	0.44	0.47	0.36	0.35	0.38	0.11	0.10	0.11	10.78	10.75	21.85	15.66	15.64	32.02	65.76	65.73	136.32
2038-03-09	0.82	0.80	0.90	0.39	0.37	0.42	0.08	0.06	0.06	0.46	0.45	0.51	0.36	0.36	0.41	0.11	0.11	0.12	10.76	10.73	21.79	15.64	15.61	31.96	65.74	65.71	136.26
2038-03-10	0.84	0.82	1.10	0.40	0.38	0.51	0.08	0.06	0.07	0.47	0.46	0.63	0.37	0.37	0.50	0.11	0.11	0.15	10.73	10.71	21.69	15.62	15.59	31.86	65.72	65.69	136.15
2038-03-11	1.14	1.10	2.39	0.55	0.50	1.06	0.11	0.06	0.08	0.64	0.64	1.42	0.51	0.51	1.13	0.15	0.15	0.33	10.71	10.69	21.61	15.60	15.57	31.78	65.70	65.67	136.07
2038-03-12	1.97	1.87	6.32	0.95	0.85	3.16	0.19	0.09	0.82	1.10	1.10	3.39	0.88	0.87	2.70	0.26	0.26	0.81	10.70	10.67	21.67	15.58	15.56	31.84	65.68	65.65	1

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2038-04-10	3.11	3.00	13.41	1.49	1.39	6.15	0.30	0.19	0.78	1.73	1.74	7.78	1.38	1.39	6.20	0.41	0.42	1.84	15.63	15.54	36.06	22.44	22.35	51.63	84.70	84.61	194.10
2038-04-11	3.56	3.43	18.66	1.71	1.58	8.67	0.34	0.22	1.29	1.99	1.99	10.70	1.58	1.59	8.52	0.47	0.48	2.53	15.44	15.36	36.08	22.25	22.17	51.66	84.51	84.43	194.13
2038-04-12	3.87	3.71	22.40	1.86	1.70	10.66	0.37	0.21	1.99	2.16	2.15	12.58	1.72	1.72	10.03	0.51	0.51	2.99	15.21	15.14	35.61	22.02	21.94	51.19	84.27	84.20	193.66
2038-04-13	4.14	3.98	20.98	1.99	1.83	10.06	0.40	0.24	1.99	2.31	2.31	11.70	1.84	1.84	9.32	0.54	0.55	2.77	15.01	14.94	36.22	21.81	21.74	51.80	84.07	84.00	194.27
2038-04-14	4.08	3.93	19.73	1.96	1.82	9.52	0.39	0.25	1.99	2.27	2.27	10.92	1.81	1.81	8.70	0.54	0.54	2.59	14.83	14.76	36.11	21.64	21.57	51.69	83.90	83.83	194.16
2038-04-15	3.73	3.61	16.89	1.79	1.67	8.32	0.36	0.23	1.99	2.08	2.08	9.18	1.66	1.66	7.31	0.49	0.49	2.17	27.66	27.59	64.44	39.15	39.08	90.74	163.29	163.23	374.84
2038-04-16	3.56	3.45	13.94	1.71	1.60	6.24	0.34	0.23	0.55	1.99	1.99	8.24	1.58	1.59	6.56	0.47	0.48	1.95	27.52	27.46	63.41	39.01	38.95	89.71	163.16	163.10	373.81
2038-04-17	3.32	3.22	12.65	1.59	1.50	5.77	0.32	0.22	0.69	1.85	1.86	7.36	1.47	1.48	5.87	0.44	0.44	1.74	27.40	27.35	62.39	38.89	38.84	88.68	163.04	162.99	372.78
2038-04-18	3.05	2.96	11.51	1.46	1.37	5.36	0.29	0.20	0.82	1.70	1.70	6.58	1.36	1.36	5.24	0.40	0.41	1.56	27.30	27.24	61.93	38.79	38.74	88.22	162.94	162.88	372.32
2038-04-19	2.96	2.87	10.68	1.42	1.33	4.96	0.28	0.19	0.73	1.65	1.65	6.13	1.32	1.32	4.88	0.39	0.39	1.45	27.42	27.36	62.20	38.91	38.85	88.49	163.06	163.00	372.59
2038-04-20	3.27	3.16	10.50	1.57	1.46	4.80	0.31	0.20	0.59	1.82	1.83	6.10	1.45	1.46	4.86	0.43	0.44	1.44	28.20	28.14	63.46	39.70	39.63	89.76	163.84	163.78	373.86
2038-04-21	4.11	3.96	10.75	1.97	1.82	4.93	0.39	0.24	0.63	2.29	2.31	6.24	1.83	1.84	4.97	0.54	0.56	1.47	28.21	28.15	64.12	39.70	39.64	90.42	163.85	163.79	374.52
2038-04-22	5.00	4.81	10.66	2.40	2.21	4.89	0.48	0.29	0.64	2.79	2.81	6.17	2.22	2.24	4.91	0.66	0.68	1.46	27.88	27.81	63.05	39.37	39.30	89.34	163.52	163.45	373.44
2038-04-23	7.82	7.43	13.51	3.75	3.37	5.75	0.75	0.36	0.02	4.36	4.37	8.30	3.47	3.49	6.61	1.03	1.05	1.96	27.72	27.65	62.35	39.21	39.14	88.64	163.36	163.29	372.74
2038-04-24	10.57	10.49	18.17	5.08	4.99	8.87	1.01	0.93	1.99	5.90	5.90	9.99	4.70	4.71	7.96	1.39	1.41	2.38	27.58	27.52	61.87	39.07	39.01	88.17	163.22	163.16	372.27
2038-04-25	10.61	10.29	25.20	5.09	4.78	11.37	1.02	0.70	1.15	5.92	5.92	14.84	4.71	4.72	11.81	1.40	1.41	3.49	27.63	27.57	61.63	39.12	39.06	87.92	163.27	163.21	372.02
2038-04-26	10.55	10.66	31.63	5.06	5.18	14.58	1.01	1.13	1.99	5.89	5.87	18.26	4.69	4.68	14.55	1.39	1.39	4.33	28.00	27.96	61.53	39.49	39.45	87.83	163.64	163.60	371.93
2038-04-27	7.93	7.72	17.74	3.81	3.59	8.68	0.76	0.55	1.99	4.43	4.42	9.71	3.52	3.52	7.74	1.04	1.05	2.31	28.79	28.73	61.46	40.28	40.22	87.76	164.43	164.37	371.86
2038-04-28	6.50	6.29	12.38	3.12	2.91	5.99	0.62	0.41	1.27	3.63	3.62	6.84	2.89	2.88	5.45	0.86	0.86	1.62	29.60	29.52	61.66	41.09	41.01	87.95	165.24	165.15	372.05
2038-04-29	5.67	5.50	8.69	2.72	2.55	3.70	0.54	0.37	0.01	3.17	3.17	5.35	2.52	2.52	4.26	0.75	0.75	1.26	29.59	29.53	61.71	41.08	41.02	88.00	165.23	165.17	372.10
2038-04-30	5.29	5.11	7.69	2.54	2.36	3.56	0.51	0.33	0.51	2.95	2.95	4.42	2.35	2.36	3.52	0.70	0.70	1.05	29.11	29.02	61.34	40.60	40.51	87.63	164.75	164.66	371.73
2038-05-01	5.39	5.19	7.64	2.59	2.39	3.49	0.52	0.32	0.43	3.01	3.01	4.44	2.40	2.40	3.54	0.71	0.72	1.05	28.77	28.68	61.55	40.26	40.17	26.74	164.41	164.31	104.35
2038-05-02	5.20	5.00	8.18	2.49	2.30	3.72	0.50	0.31	0.42	2.90	2.89	4.77	2.31	2.30	3.80	0.68	0.68	1.12	28.66	28.56	61.38	40.15	40.05	26.57	164.30	164.20	104.18
2038-05-03	4.52	4.37	7.41	2.17	2.02	3.42	0.43	0.28	0.47	2.52	2.51	4.27	2.01	2.00	3.40	0.60	0.59	1.01	28.91	28.82	61.24	40.41	40.32	26.42	164.55	164.46	104.04
2038-05-04	4.00	3.86	6.26	1.92	1.78	2.89	0.38	0.25	0.40	2.23	2.22	3.60	1.77	1.77	2.87	0.53	0.52	0.85	29.27	29.21	61.19	40.76	40.70	26.16	164.91	164.85	103.78
2038-05-05	3.58	3.47	5.49	1.72	1.61	2.53	0.34	0.23	0.34	2.00	1.99	3.16	1.59	1.59	2.52	0.47	0.47	0.74	29.66	29.58	61.15	41.15	41.07	25.94	165.30	165.21	103.55
2038-05-06	3.27	3.16	4.86	1.57	1.46	2.24	0.31	0.20	0.31	1.83	1.82	2.80	1.45	1.45	2.23	0.43	0.43	0.66	30.31	30.22	61.06	41.80	41.71	25.74	165.95	165.86	103.36
2038-05-07	3.04	2.95	4.30	1.46	1.37	1.99	0.29	0.20	0.27	1.69	1.69	2.48	1.35	1.35	1.97	0.40	0.40	0.58	30.87	30.79	60.99	42.36	42.28	25.57	166.51	166.43	103.19
2038-05-08	2.84	2.75	3.80	1.36	1.27	1.75	0.27	0.19	0.24	1.58	1.58	2.18	1.26	1.25	1.74	0.37	0.37	0.51	31.40	31.50	60.84	42.89	42.99	25.43	167.04	167.14	103.04
2038-05-09	2.73	2.65	3.36	1.31	1.23	1.55	0.26	0.18	0.22	1.52	1.52	1.93	1.21	1.21	1.53	0.36	0.36	0.45	31.87	31.46	60.73	43.36	42.95	25.30	167.51	167.09	102.91
2038-05-10	2.73	2.65	3.01	1.31	1.23	1.39	0.26	0.18	0.19	1.52	1.52	1.73	1.21	1.21	1.38	0.36	0.36	0.40	31.87	31.53	60.70	43.36	43.02	25.18	167.51	167.17	102.80
2038-05-11	2.84	2.76	2.73	1.37	1.28	1.26	0.27	0.19	0.18	1.59	1.59	1.57	1.26	1.27	1.25	0.37	0.38	0.37	31.88	31.62	60.70	43.37	43.11	25.08	167.52	167.26	102.70
2038-05-12	3.34	3.02	2.50	1.60	1.28	1.16	0.32	0.00	0.16	1.86	1.85	1.43	1.48	1.47	1.14	0.44	0.43	0.33	32.01	31.54	60.73	43.50	43.03	24.99	167.65	167.18	102.61
2038-05-13	4.80	4.57	2.31	2.30	2.08	1.07	0.46	0.23	0.15	2.68	2.67	1.32	2.13	2.12	1.05	0.63	0.63	0.31	33.84	33.25	60.73	45.33	44.74	25.45	169.47	168.89	103.07
2038-05-14	5.93	5.80	2.14	2.85	2.71	0.99	0.57	0.43	0.14	3.31	3.30	1.23	2.64	2.63	0.98	0.78	0.78	0.28	35.55	35.22	60.73	47.05	46.71	26.83	171.19	170.86	104.45
2038-05-15	5.47	5.39	2.11	2.62	2.55	0.97	0.52	0.45	0.13	3.05	3.04	1.21	2.43	2.42	0.97	0.72	0.72	0.28	105.52	105.33	63.78	134.97	134.78	82.19	650.72	650.54	404.64
2038-05-16	5.50	5.27	4.00	2.64	2.41	1.78	0.53	0.29	0.14	3.07	3.06	2.37	2.44	2.43	1.89	0.73	0.72	0.56	104.29	104.11	63.58	133.74	133.56	81.99	649.49	649.32	404.44
2038-05-17	5.47	5.29	6.64	2.62	2.45	3.06	0.52	0.35	0.42	3.05	3.04	3.83	2.43	2.42	3.05	0.72	0.72	0.90	103.62	103.45	63.43	133.07	132.90	81.85	648.82	648.65	404.30
2038-05-18	4.64	4.49	4.38	2.23	2.08	2.07	0.45	0.29	0.36	2.59	2.58	2.47	2.06	2.05	1.96	0.61	0.61	0.58	103.79	103.58	63.54	133.23	133.03	81.95	648.99	648.78	404.40
2038-05-19	4.12	3.73	3.74	1.98	1.58	1.73	0.40	0.00	0.24	2.30	2.29	2.15	1.83	1.82	1.71	0.54	0.53	0.50	103.73	103.56	63.63	133.18	133.01	82.04	648.94	648.76	404.49
2038-05-20	4.09	3.70	3.32	1.97	1.57	1.53	0.39	0.00	0.21	2.28	2.27	1.90	1.82	1.81	1.51	0.54	0.53	0.45	103.10	102.94	63.48	132.55	132.39	81.89	648.30	648.15	404.34
2038-05-21	4.44	4.01	2.98	2.13	1.70	1.37	0.43	0.00	0.19	2.48	2.46	1.71	1.97	1.96	1.36	0.58	0.58	0.40	102.52	102.38	63.34	131.97	131.83	81.75	647.72	647.58	404.20
2038-05-22	5.29	4.96	2.70	2.54	2.21	1.25	0.51	0.17	0.17	2.95	2.94	1.55															

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2038-06-20	9.72	9.60	3.45	4.66	4.55	1.66	0.93	0.81	0.34	5.42	5.41	1.91	4.32	4.31	1.52	1.28	1.28	0.45	230.52	228.36	160.58	265.48	263.31	186.77	1081.34	1079.17	798.10
2038-06-21	7.81	7.59	2.98	3.75	3.53	1.38	0.75	0.53	0.19	4.36	4.34	1.71	3.47	3.46	1.36	1.03	1.02	0.40	186.01	185.77	137.52	220.97	220.73	163.72	1036.83	1036.59	775.04
2038-06-22	6.80	6.55	2.76	3.26	3.02	1.27	0.65	0.41	0.18	3.79	3.78	1.58	3.02	3.01	1.26	0.90	0.89	0.37	172.50	173.08	130.42	207.46	208.03	156.61	1023.32	1023.89	767.93
2038-06-23	6.02	5.90	2.57	2.89	2.76	1.19	0.58	0.45	0.17	3.36	3.35	1.48	2.68	2.67	1.17	0.79	0.79	0.34	166.03	165.33	124.66	200.98	200.28	150.85	1016.84	1016.14	762.18
2038-06-24	5.05	4.88	2.37	2.42	2.26	1.09	0.48	0.32	0.15	2.82	2.80	1.36	2.24	2.23	1.08	0.66	0.66	0.32	163.86	163.32	123.11	198.82	198.28	149.30	1014.68	1014.14	760.62
2038-06-25	4.33	4.19	2.19	2.08	1.94	1.01	0.42	0.27	0.14	2.42	2.40	1.26	1.92	1.91	1.00	0.57	0.56	0.29	162.25	162.12	121.94	197.21	197.07	148.14	1013.07	1012.93	759.46
2038-06-26	3.79	3.66	2.05	1.82	1.69	0.95	0.36	0.24	0.13	2.11	2.10	1.17	1.68	1.67	0.93	0.50	0.49	0.27	159.87	159.64	120.29	194.83	194.60	146.49	1010.69	1010.46	757.81
2038-06-27	3.36	3.25	1.92	1.61	1.50	0.89	0.32	0.21	0.13	1.88	1.87	1.10	1.49	1.49	0.87	0.44	0.44	0.25	158.23	158.03	119.16	193.19	192.99	145.35	1009.05	1008.85	756.68
2038-06-28	3.03	2.92	1.81	1.45	1.35	0.84	0.29	0.19	0.12	1.69	1.68	1.04	1.34	1.34	0.82	0.40	0.39	0.24	157.04	156.86	118.30	192.00	191.82	144.49	1007.86	1007.68	755.82
2038-06-29	2.75	2.66	1.72	1.32	1.23	0.80	0.26	0.17	0.11	1.53	1.52	0.98	1.22	1.21	0.78	0.36	0.36	0.23	156.14	155.99	117.63	191.10	190.94	143.83	1006.96	1006.80	755.15
2038-06-30	2.52	2.44	1.63	1.21	1.13	0.76	0.24	0.16	0.11	1.41	1.40	0.93	1.12	1.11	0.74	0.33	0.33	0.21	155.45	155.31	117.10	190.40	190.26	143.30	1006.26	1006.12	754.62
2038-07-01	2.33	2.26	1.56	1.12	1.04	0.72	0.22	0.15	0.11	1.30	1.29	0.89	1.04	1.03	0.71	0.31	0.30	0.20	154.89	154.77	116.79	189.85	189.72	143.00	1005.71	1005.58	754.07
2038-07-02	2.17	2.10	1.50	1.04	0.97	0.69	0.21	0.14	0.10	1.21	1.20	0.85	0.96	0.96	0.68	0.29	0.28	0.20	154.44	154.33	116.44	189.40	189.29	142.65	1005.26	1005.15	753.71
2038-07-03	2.03	1.97	1.44	0.98	0.91	0.67	0.19	0.13	0.10	1.13	1.13	0.82	0.90	0.89	0.65	0.27	0.26	0.19	154.08	153.97	116.14	189.03	188.93	142.35	1004.89	1004.79	753.42
2038-07-04	1.94	1.88	1.39	0.93	0.87	0.64	0.19	0.12	0.10	1.08	1.07	0.79	0.86	0.85	0.63	0.26	0.25	0.18	153.77	153.67	115.89	188.72	188.62	142.05	1004.58	1004.48	753.16
2038-07-05	1.86	1.80	1.34	0.89	0.84	0.63	0.18	0.12	0.10	1.04	1.03	0.76	0.83	0.82	0.61	0.24	0.24	0.18	153.63	153.53	115.75	188.58	188.48	141.90	1004.44	1004.34	753.02
2038-07-06	1.76	1.71	1.30	0.85	0.79	0.60	0.17	0.12	0.09	0.98	0.97	0.74	0.78	0.77	0.58	0.23	0.23	0.17	153.49	153.41	115.63	188.45	188.36	141.75	1004.31	1004.22	752.90
2038-07-07	1.68	1.63	1.26	0.80	0.75	0.59	0.16	0.11	0.09	0.94	0.93	0.71	0.74	0.74	0.57	0.22	0.21	0.16	153.27	153.19	115.45	188.23	188.15	141.60	1004.09	1004.01	752.72
2038-07-08	1.60	1.55	1.22	0.77	0.72	0.57	0.15	0.11	0.09	0.89	0.88	0.69	0.71	0.70	0.55	0.21	0.20	0.16	153.46	153.29	115.29	188.41	188.25	141.45	1003.27	1003.11	752.85
2038-07-09	1.53	1.49	1.19	0.74	0.69	0.55	0.15	0.10	0.08	0.86	0.85	0.67	0.68	0.67	0.53	0.20	0.20	0.15	152.07	151.84	114.90	188.03	187.99	141.30	1002.89	1002.65	752.38
2038-07-10	1.47	1.43	1.16	0.71	0.66	0.54	0.14	0.10	0.08	0.82	0.81	0.66	0.65	0.65	0.52	0.19	0.19	0.15	151.98	151.90	114.74	188.93	188.86	141.15	1002.79	1002.72	752.41
2038-07-11	1.42	1.38	1.13	0.68	0.64	0.53	0.14	0.10	0.08	0.79	0.78	0.64	0.63	0.62	0.51	0.19	0.18	0.15	151.51	151.40	114.68	189.47	189.35	140.99	1002.33	1002.21	751.96
2038-07-12	1.40	1.36	1.11	0.67	0.63	0.52	0.13	0.09	0.08	0.78	0.77	0.63	0.62	0.61	0.50	0.18	0.18	0.14	151.13	151.03	114.65	189.09	188.98	140.84	1001.95	1001.84	751.62
2038-07-13	1.37	1.34	1.10	0.66	0.62	0.52	0.13	0.10	0.08	0.77	0.76	0.62	0.61	0.60	0.49	0.18	0.17	0.14	150.81	150.72	114.60	188.77	188.67	140.70	1001.63	1001.53	751.34
2038-07-14	1.33	1.29	1.08	0.64	0.60	0.50	0.13	0.09	0.08	0.74	0.73	0.61	0.59	0.58	0.48	0.18	0.17	0.14	150.55	150.46	114.58	188.50	188.41	140.55	1001.36	1001.27	751.00
2038-07-15	1.29	1.25	1.06	0.62	0.58	0.49	0.12	0.09	0.08	0.72	0.71	0.60	0.57	0.56	0.47	0.17	0.16	0.14	150.17	150.08	114.58	188.04	187.96	140.40	1001.02	1000.94	750.99
2038-07-16	1.25	1.22	1.04	0.60	0.57	0.48	0.12	0.09	0.08	0.70	0.69	0.58	0.56	0.55	0.46	0.16	0.16	0.13	150.97	150.89	114.40	188.84	188.76	140.25	1000.83	1000.75	750.81
2038-07-17	1.22	1.19	1.02	0.58	0.55	0.48	0.12	0.08	0.07	0.68	0.67	0.57	0.54	0.53	0.46	0.16	0.15	0.13	150.80	150.72	114.25	188.67	188.59	140.10	1000.65	1000.57	750.66
2038-07-18	1.19	1.16	1.00	0.57	0.54	0.47	0.11	0.08	0.07	0.66	0.65	0.56	0.53	0.52	0.45	0.16	0.15	0.13	150.65	150.58	114.11	188.52	188.44	140.00	1000.51	1000.43	750.52
2038-07-19	1.16	1.13	0.99	0.56	0.53	0.46	0.11	0.08	0.07	0.65	0.64	0.55	0.51	0.51	0.44	0.15	0.15	0.13	150.56	150.49	114.01	188.43	188.35	139.90	1000.41	1000.33	750.42
2038-07-20	1.13	1.10	0.97	0.54	0.52	0.45	0.11	0.08	0.07	0.63	0.62	0.55	0.50	0.50	0.43	0.15	0.14	0.12	150.47	150.41	113.92	188.34	188.26	139.80	1000.33	1000.25	750.33
2038-07-21	1.11	1.08	0.96	0.53	0.51	0.45	0.11	0.08	0.07	0.62	0.61	0.54	0.49	0.48	0.43	0.15	0.14	0.12	150.36	150.30	113.82	188.25	188.17	139.70	1000.25	1000.17	750.24
2038-07-22	1.09	1.06	0.94	0.52	0.50	0.44	0.10	0.08	0.07	0.61	0.60	0.53	0.48	0.48	0.42	0.14	0.14	0.12	150.26	150.20	113.73	188.16	188.08	139.60	1000.17	1000.09	750.15
2038-07-23	1.07	1.04	0.93	0.51	0.49	0.44	0.10	0.08	0.07	0.60	0.59	0.52	0.47	0.47	0.42	0.14	0.13	0.12	150.17	150.11	113.64	188.07	188.00	139.50	1000.09	1000.01	750.06
2038-07-24	1.05	1.02	0.92	0.50	0.48	0.43	0.10	0.08	0.07	0.58	0.58	0.52	0.47	0.46	0.41	0.14	0.13	0.12	150.09	150.04	113.55	188.00	187.92	139.40	1000.01	999.93	750.00
2038-07-25	1.03	1.01	0.91	0.49	0.47	0.43	0.10	0.07	0.07	0.57	0.57	0.51	0.46	0.45	0.41	0.14	0.13	0.12	150.02	149.97	113.46	187.93	187.85	139.30	999.93	999.85	749.93
2038-07-26	1.01	0.99	0.90	0.49	0.46	0.42	0.10	0.07	0.07	0.57	0.56	0.51	0.45	0.44	0.40	0.13	0.13	0.11	149.95	149.90	113.37	187.86	187.78	139.20	999.85	999.77	749.87
2038-07-27	1.00	0.98	0.89	0.48	0.46	0.42	0.10	0.07	0.07	0.56	0.55	0.50	0.44	0.44	0.40	0.13	0.12	0.11	149.89	149.84	113.28	187.79	187.71	139.10	999.77	999.69	749.80
2038-07-28	0.98	0.96	0.88	0.47	0.45	0.41	0.09	0.07	0.07	0.55	0.54	0.49	0.44	0.43	0.39	0.13	0.12	0.11	149.84	149.79	113.19	187.72	187.64	139.00	999.69	999.61	749.72
2038-07-29	0.97	0.95	0.87	0.47	0.44	0.41	0.09	0.07	0.07	0.54	0.53	0.49	0.43	0.42	0.39	0.13	0.12	0.11	149.87	149.82	113.10	187.65	187.57	138.90	999.61	999.53	749.65
2038-07-30	0.96	0.94	0.87	0.46	0.44	0.41	0.09	0.07	0.07	0.53	0.53	0.48	0.42	0.42	0.38	0.13	0.12	0.11	149.89	149.85	113.01	187.58	187.50	138.80	999.53	999.45	749.58
2038-07-31	0.94	0.92	0.86	0.45	0.43	0.40	0.09	0.07	0.07	0.53	0.52	0.48	0.42	0.													

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2038-08-30	0.90	0.88	0.82	0.43	0.42	0.39	0.09	0.07	0.07	0.50	0.50	0.46	0.40	0.39	0.37	0.12	0.11	0.10	31.48	31.43	27.55	43.04	42.99	37.67	242.54	242.49	212.21
2038-08-31	0.89	0.88	0.82	0.43	0.41	0.39	0.09	0.07	0.07	0.50	0.49	0.46	0.40	0.39	0.36	0.12	0.11	0.10	31.41	31.36	27.50	42.97	42.92	37.61	242.47	242.42	212.15
2038-09-01	0.88	0.87	0.81	0.42	0.41	0.38	0.08	0.07	0.07	0.49	0.49	0.45	0.39	0.39	0.36	0.12	0.11	0.10	31.34	31.29	32.03	42.90	42.85	43.96	242.40	242.35	249.78
2038-09-02	0.88	0.86	0.81	0.42	0.40	0.38	0.08	0.07	0.07	0.49	0.48	0.45	0.39	0.38	0.36	0.12	0.11	0.10	31.27	31.23	31.99	42.83	42.79	43.91	242.33	242.28	249.74
2038-09-03	0.87	0.85	0.81	0.42	0.40	0.38	0.08	0.07	0.07	0.48	0.48	0.45	0.39	0.38	0.36	0.11	0.11	0.10	31.22	31.17	31.95	42.78	42.73	43.87	242.27	242.23	249.69
2038-09-04	0.86	0.85	0.80	0.41	0.40	0.38	0.08	0.07	0.06	0.48	0.47	0.45	0.38	0.38	0.35	0.11	0.11	0.10	31.16	31.12	31.91	42.72	42.68	43.83	242.22	242.18	249.66
2038-09-05	0.86	0.84	0.80	0.41	0.40	0.38	0.08	0.07	0.06	0.48	0.47	0.44	0.38	0.37	0.35	0.11	0.11	0.10	31.11	31.07	31.87	42.67	42.63	43.80	242.17	242.13	249.62
2038-09-06	0.85	0.83	0.79	0.41	0.39	0.37	0.08	0.07	0.06	0.47	0.47	0.44	0.38	0.37	0.35	0.11	0.11	0.10	31.20	31.15	31.96	42.76	42.71	43.88	242.26	242.21	249.70
2038-09-07	1.26	1.20	1.22	0.60	0.55	0.55	0.12	0.07	0.06	0.70	0.69	0.70	0.56	0.55	0.56	0.17	0.16	0.16	34.09	33.87	34.83	45.65	45.43	46.76	245.15	244.92	252.58
2038-09-08	1.98	1.88	1.92	0.95	0.86	0.87	0.19	0.10	0.10	1.10	1.09	1.12	0.88	0.87	0.89	0.26	0.26	0.26	37.68	37.45	38.59	49.24	49.00	50.52	248.74	248.50	256.34
2038-09-09	1.21	1.22	1.22	0.58	0.59	0.59	0.12	0.13	0.13	0.67	0.67	0.67	0.54	0.53	0.53	0.16	0.15	0.15	34.38	34.34	35.25	45.94	45.90	47.17	245.44	245.40	253.00
2038-09-10	1.25	1.21	1.17	0.60	0.56	0.55	0.12	0.08	0.08	0.70	0.69	0.66	0.55	0.55	0.53	0.16	0.16	0.15	33.88	33.76	34.66	45.44	45.32	46.59	244.94	244.82	252.41
2038-09-11	1.57	1.51	1.52	0.75	0.70	0.70	0.15	0.09	0.09	0.88	0.87	0.88	0.70	0.69	0.70	0.21	0.20	0.20	33.47	33.36	34.26	45.02	44.92	46.19	244.52	244.41	252.01
2038-09-12	1.30	1.28	1.24	0.62	0.60	0.59	0.12	0.10	0.10	0.72	0.72	0.70	0.58	0.57	0.55	0.17	0.16	0.16	33.12	33.02	33.94	44.68	44.58	45.86	244.18	244.08	251.68
2038-09-13	1.35	1.31	1.28	0.65	0.61	0.59	0.13	0.09	0.09	0.75	0.75	0.73	0.60	0.59	0.58	0.18	0.17	0.17	32.84	32.75	33.66	44.40	44.30	45.58	243.89	243.80	251.41
2038-09-14	1.49	1.44	1.45	0.71	0.67	0.67	0.14	0.10	0.10	0.83	0.82	0.83	0.66	0.65	0.66	0.20	0.19	0.19	32.59	32.51	33.42	44.15	44.07	45.35	243.65	243.57	251.17
2038-09-15	1.44	1.41	1.72	0.69	0.66	0.79	0.14	0.10	0.10	0.81	0.80	0.99	0.64	0.63	0.79	0.19	0.18	0.23	20.93	20.85	21.40	29.64	29.56	30.39	162.49	162.41	167.45
2038-09-16	1.41	1.38	2.18	0.68	0.65	1.00	0.14	0.10	0.12	0.79	0.78	1.26	0.63	0.62	1.01	0.19	0.18	0.30	20.75	20.67	21.23	29.46	29.39	30.22	162.31	162.24	167.28
2038-09-17	1.36	1.23	1.74	0.65	0.52	0.82	0.13	0.00	0.14	0.76	0.75	0.98	0.61	0.60	0.78	0.18	0.17	0.23	21.16	21.05	21.64	29.88	29.77	30.63	162.72	162.62	167.69
2038-09-18	1.37	1.24	1.67	0.66	0.53	0.78	0.13	0.00	0.11	0.76	0.75	0.95	0.61	0.60	0.76	0.18	0.17	0.22	23.42	23.19	23.96	32.13	31.90	32.96	164.98	164.75	170.02
2038-09-19	1.37	1.24	1.63	0.66	0.53	0.76	0.13	0.00	0.11	0.76	0.75	0.93	0.61	0.60	0.74	0.18	0.17	0.21	23.26	23.12	23.91	31.98	31.83	32.90	164.83	164.68	169.96
2038-09-20	1.32	1.27	1.55	0.64	0.59	0.72	0.13	0.08	0.11	0.74	0.73	0.88	0.59	0.58	0.70	0.17	0.17	0.20	22.35	22.25	22.95	31.07	30.96	31.94	163.92	163.81	169.00
2038-09-21	1.28	1.25	1.49	0.62	0.58	0.69	0.12	0.09	0.10	0.72	0.71	0.85	0.57	0.56	0.67	0.17	0.16	0.20	21.95	21.85	22.52	30.67	30.56	31.51	163.52	163.41	168.57
2038-09-22	1.25	1.22	1.43	0.60	0.57	0.67	0.12	0.09	0.10	0.70	0.69	0.81	0.55	0.55	0.65	0.16	0.16	0.19	22.02	21.90	22.58	30.74	30.61	31.57	163.58	163.46	168.63
2038-09-23	1.21	1.19	1.38	0.58	0.55	0.64	0.12	0.09	0.10	0.68	0.67	0.78	0.54	0.53	0.62	0.16	0.15	0.18	22.50	22.35	23.08	31.22	31.07	32.08	164.06	163.92	169.13
2038-09-24	1.18	1.16	1.33	0.57	0.54	0.62	0.11	0.09	0.10	0.66	0.65	0.76	0.53	0.52	0.60	0.16	0.15	0.17	23.73	23.52	24.39	32.45	32.24	33.39	165.30	165.09	170.45
2038-09-25	1.16	1.13	1.29	0.56	0.53	0.60	0.11	0.08	0.09	0.65	0.64	0.73	0.51	0.51	0.58	0.15	0.15	0.17	24.53	24.31	25.26	33.25	33.03	34.25	166.10	165.88	171.31
2038-09-26	1.13	1.10	1.25	0.54	0.52	0.58	0.11	0.08	0.09	0.63	0.62	0.71	0.50	0.50	0.56	0.15	0.14	0.16	23.62	23.48	24.32	32.34	32.20	33.31	165.19	165.04	170.37
2038-09-27	1.11	1.08	1.22	0.53	0.51	0.57	0.11	0.08	0.09	0.62	0.61	0.69	0.49	0.48	0.55	0.15	0.14	0.16	22.98	22.85	23.62	31.70	31.56	32.62	164.54	164.41	169.68
2038-09-28	1.08	1.06	1.19	0.52	0.50	0.55	0.10	0.08	0.09	0.61	0.60	0.67	0.48	0.47	0.53	0.14	0.14	0.15	26.29	25.93	27.05	35.01	34.64	36.04	167.86	167.49	173.10
2038-09-29	1.06	1.04	1.16	0.51	0.49	0.54	0.10	0.08	0.09	0.59	0.59	0.65	0.47	0.47	0.52	0.14	0.13	0.15	34.86	33.75	36.16	43.58	42.47	45.15	176.43	175.32	182.21
2038-09-30	1.05	1.02	1.13	0.50	0.48	0.53	0.10	0.08	0.08	0.58	0.58	0.64	0.46	0.46	0.51	0.14	0.13	0.15	31.74	30.97	33.42	40.46	39.69	42.42	173.31	172.53	179.48
2038-10-01	1.03	1.01	1.11	0.49	0.47	0.52	0.10	0.08	0.08	0.57	0.57	0.62	0.46	0.45	0.50	0.14	0.13	0.14	29.58	29.28	31.58	38.29	37.99	40.86	171.14	170.84	182.31
2038-10-02	1.01	0.99	1.08	0.49	0.46	0.51	0.10	0.08	0.08	0.56	0.56	0.61	0.45	0.44	0.48	0.13	0.13	0.14	27.54	27.30	29.29	36.26	36.02	38.57	169.11	168.86	180.02
2038-10-03	1.00	0.98	1.06	0.48	0.46	0.50	0.10	0.08	0.08	0.56	0.55	0.60	0.44	0.44	0.47	0.13	0.12	0.14	25.97	25.77	27.52	34.69	34.49	36.81	167.53	167.33	178.26
2038-10-04	0.98	0.96	1.04	0.47	0.45	0.49	0.09	0.07	0.08	0.55	0.54	0.59	0.44	0.43	0.47	0.13	0.12	0.13	24.78	24.60	26.20	33.49	33.32	35.48	166.34	166.17	176.94
2038-10-05	0.98	0.96	1.03	0.47	0.45	0.48	0.09	0.07	0.08	0.54	0.54	0.58	0.43	0.43	0.46	0.13	0.12	0.13	23.88	23.73	25.21	32.60	32.44	34.50	165.44	165.29	175.95
2038-10-06	0.98	0.96	1.04	0.47	0.45	0.49	0.09	0.07	0.08	0.55	0.54	0.58	0.43	0.43	0.46	0.13	0.12	0.13	23.18	22.82	24.46	31.90	31.54	33.74	164.74	164.39	175.20
2038-10-07	1.05	1.02	1.09	0.50	0.48	0.51	0.10	0.07	0.08	0.58	0.58	0.62	0.47	0.46	0.49	0.14	0.13	0.14	22.94	22.60	24.24	31.66	31.32	33.52	164.51	164.17	174.98
2038-10-08	1.19	1.16	1.25	0.57	0.54	0.58	0.11	0.08	0.09	0.67	0.66	0.71	0.53	0.52	0.57	0.16	0.15	0.16	22.72	22.39	24.04	31.43	31.11	33.32	164.28	163.96	174.78
2038-10-09	1.04	1.03	1.12	0.50	0.49	0.53	0.10	0.08	0.09	0.58	0.57	0.63	0.46	0.46	0.50	0.14	0.13	0.14	22.25	21.96	23.54	30.97	30.67	32.82	163.82	163.52	174.28
2038-10-10	1.05	1.03	1.13	0.51	0.48	0.53	0.10	0.08	0.08	0.59	0.58	0.64	0.47	0.46	0.51	0.14	0.13	0.15	22.22	21.93	23.55	30.94	30.64	32.84	163.79	163.49	174.29
2038-10-11	1.07	1.05	1.17	0.52	0.49	0.55	0.10	0.08	0.09	0.60	0.59	0.66	0.48	0.47	0.52	0.14	0.14	0.15									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2038-11-09	1.74	1.68	1.75	0.83	0.77	0.81	0.17	0.11	0.11	0.97	0.96	1.01	0.77	0.77	0.80	0.23	0.23	0.24	18.55	18.52	18.97	26.71	26.68	27.33	137.68	137.65	141.01
2038-11-10	1.66	1.61	1.68	0.80	0.75	0.78	0.16	0.11	0.11	0.93	0.92	0.97	0.74	0.74	0.77	0.22	0.22	0.23	18.52	18.49	18.94	26.69	26.65	27.30	137.66	137.62	140.98
2038-11-11	1.59	1.54	1.60	0.76	0.71	0.74	0.15	0.11	0.11	0.88	0.88	0.92	0.70	0.70	0.73	0.21	0.21	0.22	18.50	18.47	18.91	26.67	26.63	27.27	137.64	137.60	140.95
2038-11-12	1.52	1.47	1.53	0.73	0.68	0.71	0.15	0.10	0.10	0.85	0.84	0.88	0.68	0.67	0.70	0.20	0.20	0.21	18.48	18.45	18.89	26.65	26.61	27.26	137.62	137.58	140.94
2038-11-13	1.46	1.41	1.47	0.70	0.65	0.68	0.14	0.09	0.10	0.82	0.81	0.84	0.65	0.65	0.67	0.19	0.19	0.20	18.48	18.45	18.90	26.64	26.62	27.26	137.62	137.59	140.94
2038-11-14	1.41	1.36	1.41	0.68	0.63	0.65	0.14	0.09	0.09	0.79	0.78	0.81	0.63	0.62	0.64	0.19	0.18	0.19	18.49	18.48	18.94	26.65	26.65	27.31	137.62	137.62	140.99
2038-11-15	1.36	1.32	1.36	0.65	0.61	0.63	0.13	0.09	0.09	0.76	0.75	0.78	0.60	0.60	0.62	0.18	0.18	0.18	18.66	18.65	19.11	27.32	27.31	27.99	123.16	123.15	126.17
2038-11-16	1.34	1.30	1.36	0.64	0.60	0.63	0.13	0.09	0.09	0.75	0.74	0.78	0.60	0.59	0.62	0.18	0.18	0.18	18.64	18.61	19.07	27.30	27.27	27.95	123.14	123.12	126.13
2038-11-17	2.28	2.15	2.47	1.09	0.96	1.10	0.22	0.09	0.09	1.27	1.27	1.46	1.01	1.01	1.16	0.30	0.30	0.34	18.62	18.59	19.05	27.28	27.25	27.92	123.13	123.09	126.10
2038-11-18	4.40	4.13	4.89	2.11	1.84	2.19	0.42	0.15	0.19	2.46	2.45	2.89	1.95	1.95	2.30	0.58	0.58	0.68	18.61	18.57	19.03	27.27	27.23	27.90	123.11	123.08	126.08
2038-11-19	3.15	3.09	3.71	1.51	1.46	1.75	0.30	0.25	0.30	1.76	1.75	2.10	1.40	1.40	1.68	0.41	0.41	0.50	18.59	18.57	19.02	27.25	27.23	27.89	123.09	123.07	126.07
2038-11-20	2.75	2.66	3.11	1.32	1.23	1.44	0.26	0.17	0.21	1.53	1.53	1.79	1.22	1.22	1.42	0.36	0.36	0.42	18.58	18.54	19.00	27.24	27.20	27.87	123.08	123.05	126.05
2038-11-21	2.52	2.43	2.80	1.21	1.12	1.29	0.24	0.15	0.17	1.41	1.40	1.61	1.12	1.11	1.28	0.33	0.33	0.38	18.56	18.52	18.97	27.22	27.18	27.84	123.07	123.02	126.02
2038-11-22	2.33	2.24	2.55	1.12	1.03	1.17	0.22	0.13	0.15	1.30	1.29	1.47	1.04	1.03	1.17	0.31	0.30	0.34	18.55	18.50	18.95	27.21	27.16	27.82	123.05	123.01	126.00
2038-11-23	2.17	2.09	2.35	1.04	0.96	1.08	0.21	0.13	0.15	1.21	1.20	1.35	0.96	0.96	1.08	0.29	0.28	0.32	18.54	18.50	18.94	27.20	27.16	27.81	123.04	123.00	125.99
2038-11-24	2.03	1.96	2.19	0.98	0.91	1.01	0.19	0.13	0.14	1.13	1.13	1.26	0.90	0.90	1.00	0.27	0.27	0.30	18.53	18.49	18.93	27.19	27.15	27.80	123.03	122.99	125.99
2038-11-25	1.91	1.85	2.04	0.92	0.85	0.94	0.18	0.12	0.13	1.07	1.06	1.17	0.85	0.85	0.93	0.25	0.25	0.28	18.52	18.48	18.93	27.18	27.14	27.80	123.02	122.98	125.98
2038-11-26	1.81	1.75	1.91	0.87	0.81	0.88	0.17	0.11	0.12	1.01	1.00	1.10	0.80	0.80	0.88	0.24	0.24	0.26	18.50	18.47	18.91	27.16	27.13	27.79	123.01	122.97	125.97
2038-11-27	1.72	1.66	1.80	0.82	0.77	0.83	0.16	0.11	0.12	0.96	0.95	1.04	0.76	0.76	0.83	0.23	0.22	0.24	18.49	18.46	18.91	27.15	27.12	27.78	123.00	122.97	125.96
2038-11-28	1.64	1.59	1.72	0.79	0.74	0.80	0.16	0.11	0.12	0.92	0.91	0.99	0.73	0.73	0.79	0.22	0.21	0.23	18.49	18.45	18.90	27.15	27.11	27.77	122.99	122.96	125.95
2038-11-29	1.57	1.53	1.65	0.76	0.71	0.76	0.15	0.11	0.11	0.88	0.88	0.94	0.70	0.70	0.75	0.21	0.21	0.22	18.48	18.44	18.88	27.14	27.10	27.75	122.98	122.95	125.94
2038-11-30	1.51	1.46	1.57	0.72	0.68	0.73	0.14	0.10	0.11	0.84	0.84	0.90	0.67	0.67	0.72	0.20	0.20	0.21	18.47	18.44	18.88	27.13	27.10	27.75	122.97	122.94	125.93
2038-12-01	1.45	1.40	1.50	0.70	0.65	0.69	0.14	0.09	0.10	0.81	0.80	0.86	0.64	0.64	0.68	0.19	0.19	0.20	18.46	18.44	18.56	27.12	27.10	27.26	122.96	122.94	123.65
2038-12-02	1.40	1.36	1.44	0.67	0.63	0.67	0.13	0.09	0.10	0.78	0.78	0.83	0.62	0.62	0.66	0.18	0.18	0.19	18.45	18.43	18.55	27.11	27.09	27.26	122.95	122.93	123.65
2038-12-03	1.35	1.32	1.39	0.65	0.61	0.65	0.13	0.09	0.10	0.75	0.75	0.80	0.60	0.60	0.63	0.18	0.18	0.19	18.44	18.42	18.53	27.10	27.08	27.24	122.95	122.92	123.63
2038-12-04	1.31	1.27	1.34	0.63	0.59	0.62	0.13	0.08	0.09	0.73	0.73	0.77	0.58	0.58	0.61	0.17	0.17	0.18	18.44	18.41	18.52	27.10	27.07	27.23	122.94	122.91	123.62
2038-12-05	1.27	1.24	1.30	0.61	0.57	0.61	0.12	0.08	0.09	0.71	0.71	0.75	0.57	0.56	0.59	0.17	0.17	0.17	18.43	18.39	18.50	27.09	27.05	27.21	122.93	122.89	123.60
2038-12-06	1.24	1.21	1.27	0.59	0.56	0.59	0.12	0.09	0.09	0.69	0.69	0.73	0.55	0.55	0.58	0.16	0.16	0.17	18.42	18.38	18.49	27.08	27.04	27.20	122.93	122.88	123.59
2038-12-07	1.21	1.17	1.24	0.58	0.55	0.57	0.12	0.08	0.09	0.67	0.67	0.71	0.54	0.53	0.56	0.16	0.16	0.17	18.42	18.37	18.48	27.08	27.03	27.19	122.92	122.87	123.58
2038-12-08	1.18	1.14	1.20	0.56	0.53	0.56	0.11	0.08	0.08	0.66	0.65	0.69	0.52	0.52	0.55	0.16	0.15	0.16	18.41	18.37	18.48	27.07	27.03	27.19	122.91	122.87	123.57
2038-12-09	1.15	1.12	1.17	0.55	0.52	0.54	0.11	0.08	0.08	0.64	0.64	0.67	0.51	0.51	0.53	0.15	0.15	0.16	18.41	18.36	18.47	27.07	27.02	27.18	122.91	122.87	123.57
2038-12-10	1.12	1.09	1.14	0.54	0.50	0.53	0.11	0.07	0.07	0.63	0.62	0.65	0.50	0.49	0.52	0.15	0.14	0.15	18.41	18.37	18.47	27.07	27.03	27.18	122.91	122.87	123.57
2038-12-11	1.10	1.06	1.11	0.53	0.49	0.51	0.11	0.07	0.07	0.61	0.61	0.63	0.49	0.48	0.50	0.15	0.14	0.15	18.41	18.38	18.47	27.07	27.04	27.18	122.91	122.88	123.57
2038-12-12	1.08	1.05	1.09	0.52	0.49	0.51	0.10	0.07	0.08	0.60	0.60	0.62	0.48	0.48	0.49	0.14	0.14	0.14	18.41	18.38	18.48	27.07	27.04	27.19	122.91	122.88	123.57
2038-12-13	1.06	1.03	1.07	0.51	0.48	0.50	0.10	0.08	0.08	0.59	0.59	0.61	0.47	0.47	0.49	0.14	0.14	0.14	18.41	18.39	18.48	27.07	27.05	27.19	122.91	122.89	123.58
2038-12-14	1.04	1.02	1.05	0.50	0.47	0.49	0.10	0.08	0.08	0.58	0.58	0.60	0.46	0.46	0.48	0.14	0.14	0.14	18.41	18.39	18.49	27.07	27.05	27.20	122.91	122.90	123.59
2038-12-15	1.02	1.00	1.03	0.49	0.47	0.48	0.10	0.07	0.08	0.57	0.57	0.59	0.45	0.45	0.47	0.13	0.13	0.14	13.68	13.66	13.75	19.91	19.89	20.02	83.73	83.71	84.20
2038-12-16	1.01	0.98	1.02	0.48	0.46	0.48	0.10	0.07	0.08	0.56	0.56	0.58	0.45	0.45	0.46	0.13	0.13	0.14	13.76	13.74	13.88	19.98	19.96	20.14	83.81	83.78	84.33
2038-12-17	0.99	0.97	1.00	0.48	0.46	0.47	0.10	0.07	0.08	0.55	0.55	0.57	0.44	0.44	0.45	0.13	0.13	0.13	13.64	13.62	13.74	19.86	19.85	20.00	83.68	83.67	84.18
2038-12-18	0.98	0.95	0.98	0.47	0.44	0.46	0.09	0.07	0.07	0.55	0.54	0.56	0.43	0.43	0.44	0.13	0.13	0.13	13.63	13.62	13.69	19.86	19.84	19.95	83.68	83.66	84.14
2038-12-19	0.96	0.94	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.54	0.53	0.55	0.43	0.43	0.44	0.13	0.12	0.13	13.62	13.60	13.67	19.84	19.82	19.93	83.67	83.65	84.11
2038-12-20	0.95	0.93	0.95	0.46	0.43	0.45	0.09	0.07	0.07	0.53	0.53	0.54	0.42	0.42	0.43	0.13	0.12	0.13	13.62	13.58	13.65	19.84	19.81	19.91	83.67	83.63	84.10
2038-12-21	0.94	0.92	0.94	0.45	0.43	0.44	0.09	0.07	0.07	0.52	0.52	0.54	0.42	0.42	0.43	0.12	0.12	0.13	13.62	13.59							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2039-01-19	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.55	10.53	10.52	16.43	16.41	16.39	69.60	69.59	69.54
2039-01-20	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.55	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.53
2039-01-21	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.55	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.53
2039-01-22	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.53
2039-01-23	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.56	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.53
2039-01-24	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.52	16.43	16.41	16.39	69.61	69.59	69.54
2039-01-25	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.53	16.43	16.42	16.40	69.61	69.59	69.54
2039-01-26	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.53	16.44	16.42	16.40	69.61	69.59	69.55
2039-01-27	0.80	0.78	0.77	0.38	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.56	10.54	10.53	16.44	16.42	16.40	69.61	69.60	69.55
2039-01-28	0.80	0.79	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.56	10.54	10.53	16.44	16.42	16.40	69.61	69.59	69.55
2039-01-29	0.81	0.80	0.84	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.56	10.54	10.53	16.44	16.42	16.40	69.62	69.59	69.55
2039-01-30	0.80	0.79	0.83	0.39	0.37	0.39	0.08	0.07	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.56	10.54	10.52	16.44	16.41	16.40	69.62	69.59	69.54
2039-01-31	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.07	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.57	10.54	10.53	16.44	16.42	16.40	69.62	69.60	69.55
2039-02-01	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.53	16.44	16.42	16.39	69.62	69.60	69.48
2039-02-02	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.57	16.44	16.43	16.44	69.62	69.60	69.53
2039-02-03	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.57	10.55	10.64	16.44	16.43	16.51	69.62	69.60	69.59
2039-02-04	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.57	10.55	10.54	16.45	16.43	16.40	69.62	69.60	69.49
2039-02-05	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.57	10.55	10.53	16.45	16.43	16.39	69.62	69.61	69.48
2039-02-06	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.57	10.55	10.53	16.45	16.43	16.39	69.62	69.61	69.48
2039-02-07	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.07	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.57	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2039-02-08	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.57	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2039-02-09	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2039-02-10	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2039-02-11	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2039-02-12	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.58	10.55	10.53	16.45	16.43	16.39	69.63	69.61	69.48
2039-02-13	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.58	10.56	10.59	16.45	16.43	16.45	69.63	69.61	69.54
2039-02-14	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.58	10.56	10.67	16.45	16.44	16.54	69.63	69.62	69.62
2039-02-15	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.48	10.46	15.38	15.36	15.34	65.48	65.46	65.35
2039-02-16	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.50	10.48	10.44	15.39	15.36	15.32	65.48	65.46	65.33
2039-02-17	0.82	0.81	0.87	0.39	0.38	0.41	0.08	0.07	0.07	0.46	0.46	0.49	0.37	0.36	0.39	0.11	0.11	0.12	10.50	10.48	10.45	15.39	15.37	15.32	65.48	65.46	65.34
2039-02-18	0.82	0.80	0.84	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.32	65.49	65.47	65.34
2039-02-19	0.82	0.81	0.88	0.39	0.38	0.42	0.08	0.07	0.08	0.46	0.45	0.50	0.36	0.36	0.40	0.11	0.11	0.12	10.50	10.48	10.45	15.39	15.37	15.32	65.49	65.47	65.34
2039-02-20	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.48	10.45	15.39	15.37	15.32	65.49	65.46	65.34
2039-02-21	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.51	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2039-02-22	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.51	10.48	10.45	15.39	15.37	15.32	65.49	65.46	65.34
2039-02-23	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2039-02-24	0.82	0.81	0.84	0.39	0.38	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.38	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.34
2039-02-25	0.83	0.81	0.90	0.40	0.38	0.42	0.08	0.07	0.07	0.46	0.46	0.51	0.37	0.37	0.41	0.11	0.11	0.12	10.51	10.48	10.45	15.39	15.37	15.33	65.49	65.47	65.34
2039-02-26	0.82	0.81	0.81	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2039-02-27	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2039-02-28	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.07	0.07	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.34	65.49	65.47	65.35
2039-03-01	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.77	10.73	21.85	15.65	15.62	32.21	65.75	65.72	138.52
2039-03-02	0.82	0.81	0.79	0.40	0.38	0.38	0.08	0.07	0.07	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	12.09	11.98	25.35	16.98	16.86	35.71	67.07	66.96	142.02

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2039-03-31	1.97	1.93	4.46	0.95	0.91	2.08	0.19	0.15	0.32	1.10	1.11	2.57	0.88	0.89	2.06	0.26	0.27	0.63	13.79	13.77	30.04	20.60	20.58	44.49	82.86	82.84	176.60
2039-04-01	1.77	1.74	4.25	0.85	0.82	1.98	0.17	0.14	0.29	0.99	0.99	2.45	0.79	0.79	1.96	0.23	0.24	0.59	14.16	14.13	33.13	20.97	20.94	48.65	83.22	83.19	190.65
2039-04-02	1.69	1.64	3.82	0.81	0.76	1.62	0.16	0.11	0.00	0.94	0.94	2.31	0.75	0.75	1.84	0.22	0.22	0.52	14.65	14.62	35.09	21.46	21.42	50.61	83.72	83.68	192.61
2039-04-03	1.64	1.60	3.78	0.79	0.74	1.61	0.16	0.11	0.00	0.92	0.91	2.29	0.73	0.73	1.82	0.22	0.22	0.51	14.77	14.75	35.94	21.58	21.55	51.47	83.84	83.81	193.47
2039-04-04	1.69	1.65	3.84	0.81	0.77	1.63	0.16	0.12	0.00	0.94	0.95	2.33	0.75	0.75	1.85	0.22	0.23	0.52	15.09	15.04	37.27	21.89	21.84	52.80	84.15	84.10	194.79
2039-04-05	1.75	1.72	3.85	0.84	0.81	1.64	0.17	0.14	0.00	0.98	0.99	2.37	0.78	0.79	1.88	0.23	0.24	0.56	16.06	15.96	39.52	22.87	22.77	55.04	85.12	85.03	197.04
2039-04-06	1.83	1.79	3.82	0.88	0.84	1.62	0.18	0.14	0.00	1.02	1.03	2.35	0.81	0.82	1.87	0.24	0.25	0.55	16.78	16.67	40.78	23.59	23.48	56.30	85.85	85.73	198.30
2039-04-07	1.94	1.91	3.78	0.93	0.90	1.60	0.19	0.15	0.00	1.08	1.09	2.32	0.86	0.87	1.85	0.26	0.27	0.55	16.74	16.67	40.49	23.54	23.47	56.01	85.80	85.73	198.01
2039-04-08	1.97	1.94	3.75	0.95	0.91	1.67	0.19	0.16	0.12	1.10	1.11	2.23	0.88	0.89	1.78	0.26	0.27	0.53	16.20	16.10	38.31	23.01	22.91	53.84	85.27	85.17	195.83
2039-04-09	1.91	1.87	3.63	0.92	0.88	1.67	0.18	0.14	0.22	1.07	1.07	2.10	0.85	0.85	1.67	0.25	0.26	0.50	15.85	15.75	36.31	22.66	22.56	51.83	84.92	84.82	193.83
2039-04-10	1.89	1.84	3.42	0.91	0.86	1.57	0.18	0.14	0.21	1.05	1.06	1.98	0.84	0.84	1.57	0.25	0.25	0.47	15.64	15.54	35.95	22.44	22.35	51.47	84.70	84.61	193.47
2039-04-11	1.94	1.90	3.26	0.93	0.89	1.50	0.19	0.14	0.20	1.08	1.09	1.89	0.86	0.87	1.50	0.26	0.26	0.45	15.44	15.36	35.96	22.25	22.17	51.49	84.51	84.43	193.49
2039-04-12	2.09	2.05	3.14	1.00	0.96	1.45	0.20	0.16	0.19	1.17	1.18	1.82	0.93	0.94	1.45	0.28	0.29	0.43	15.21	15.14	35.49	22.02	21.94	51.02	84.27	84.20	193.02
2039-04-13	2.74	2.66	3.75	1.32	1.23	1.70	0.26	0.18	0.19	1.53	1.54	2.19	1.22	1.23	1.75	0.36	0.38	0.52	15.01	14.94	36.11	21.81	21.74	51.63	84.07	84.00	193.63
2039-04-14	3.35	3.23	4.83	1.61	1.49	2.19	0.32	0.20	0.23	1.87	1.88	2.83	1.49	1.50	2.26	0.44	0.45	0.67	14.83	14.77	36.00	21.64	21.57	51.53	83.90	83.83	193.52
2039-04-15	3.00	2.93	4.31	1.44	1.37	1.99	0.29	0.21	0.28	1.67	1.68	2.49	1.33	1.34	1.98	0.40	0.40	0.59	27.66	27.59	64.24	39.15	39.08	90.45	163.29	163.23	373.61
2039-04-16	2.85	2.78	4.17	1.37	1.29	1.91	0.27	0.20	0.25	1.59	1.60	2.41	1.27	1.27	1.92	0.38	0.38	0.57	27.52	27.46	63.21	39.01	38.95	89.42	163.16	163.10	372.58
2039-04-17	2.62	2.54	3.89	1.26	1.17	1.79	0.25	0.17	0.24	1.46	1.46	2.24	1.16	1.16	1.79	0.34	0.35	0.53	27.40	27.35	62.19	38.89	38.84	88.40	163.04	162.99	371.56
2039-04-18	2.41	2.34	3.44	1.16	1.09	1.59	0.23	0.16	0.22	1.35	1.35	1.98	1.07	1.07	1.58	0.32	0.32	0.47	27.30	27.24	61.73	38.79	38.73	87.93	162.94	162.88	371.09
2039-04-19	2.29	2.22	3.07	1.10	1.03	1.42	0.22	0.15	0.20	1.28	1.28	1.77	1.02	1.02	1.41	0.30	0.30	0.42	27.42	27.36	61.93	38.91	38.85	88.14	163.06	163.00	371.29
2039-04-20	2.18	2.13	2.78	1.04	1.00	1.29	0.21	0.16	0.18	1.21	1.22	1.60	0.97	0.97	1.28	0.29	0.29	0.38	28.21	28.14	63.23	39.70	39.63	89.43	163.84	163.78	372.59
2039-04-21	2.08	2.03	2.54	1.00	0.95	1.18	0.20	0.15	0.17	1.16	1.16	1.46	0.92	0.93	1.16	0.27	0.28	0.35	28.21	28.15	63.89	39.70	39.64	90.10	163.85	163.79	373.25
2039-04-22	2.04	2.00	2.34	0.98	0.94	1.08	0.20	0.16	0.15	1.14	1.15	1.35	0.91	0.91	1.07	0.27	0.28	0.32	27.88	27.81	62.82	39.37	39.30	89.03	163.52	163.45	372.19
2039-04-23	2.16	2.11	2.32	1.04	0.99	1.07	0.21	0.16	0.14	1.20	1.21	1.34	0.96	0.97	1.07	0.28	0.29	0.32	27.72	27.65	62.13	39.21	39.14	88.34	163.36	163.29	371.50
2039-04-24	2.20	2.16	2.30	1.06	1.01	1.06	0.21	0.17	0.15	1.23	1.24	1.33	0.98	0.99	1.06	0.29	0.30	0.31	27.58	27.52	61.65	39.07	39.01	87.86	163.22	163.16	371.02
2039-04-25	2.07	2.01	2.14	0.99	0.94	0.99	0.20	0.14	0.14	1.15	1.15	1.23	0.92	0.92	0.98	0.27	0.27	0.29	27.63	27.57	61.40	39.12	39.06	87.61	163.27	163.21	370.77
2039-04-26	2.08	2.04	2.00	1.00	0.95	0.93	0.20	0.15	0.13	1.16	1.17	1.15	0.93	0.93	0.92	0.27	0.28	0.27	28.00	27.96	61.29	39.49	39.45	87.50	163.64	163.60	370.66
2039-04-27	3.04	2.94	2.24	1.46	1.36	1.02	0.29	0.19	0.13	1.70	1.71	1.30	1.35	1.37	1.03	0.40	0.42	0.31	28.79	28.73	61.22	40.28	40.22	87.42	164.43	164.37	370.58
2039-04-28	4.04	4.05	2.66	1.94	1.95	1.22	0.39	0.40	0.15	2.25	2.26	1.55	1.79	1.80	1.23	0.53	0.54	0.37	29.60	29.52	61.40	41.09	41.01	87.61	165.24	165.15	370.76
2039-04-29	3.01	2.76	2.31	1.45	1.19	1.07	0.29	0.03	0.16	1.68	1.67	1.32	1.34	1.33	1.05	0.40	0.39	0.31	29.59	29.53	61.44	41.08	41.02	87.65	165.23	165.17	370.81
2039-04-30	2.80	2.73	2.14	1.34	1.27	0.99	0.27	0.20	0.14	1.56	1.56	1.23	1.24	1.24	0.98	0.37	0.37	0.29	29.11	29.02	61.09	40.60	40.51	87.29	164.75	164.66	370.45
2039-05-01	2.72	2.67	2.00	1.31	1.25	0.93	0.26	0.21	0.13	1.52	1.52	1.15	1.21	1.21	0.91	0.36	0.36	0.27	28.77	28.68	19.39	40.26	40.17	26.53	164.41	164.31	103.63
2039-05-02	2.80	2.53	1.88	1.34	1.08	0.87	0.27	0.00	0.13	1.56	1.55	1.07	1.24	1.23	0.85	0.37	0.36	0.25	28.66	28.56	19.22	40.15	40.05	26.35	164.30	164.20	103.45
2039-05-03	2.92	2.64	1.78	1.40	1.12	0.82	0.28	0.00	0.12	1.63	1.62	1.01	1.30	1.29	0.81	0.39	0.38	0.23	28.91	28.83	19.07	40.41	40.32	26.20	164.55	164.46	103.30
2039-05-04	2.99	2.84	1.69	1.44	1.28	0.78	0.29	0.13	0.12	1.67	1.66	0.96	1.33	1.32	0.76	0.39	0.39	0.22	29.27	29.21	18.81	40.76	40.70	25.95	164.91	164.85	103.05
2039-05-05	2.90	2.80	1.61	1.39	1.29	0.75	0.28	0.17	0.11	1.62	1.61	0.92	1.29	1.28	0.73	0.38	0.37	0.21	29.66	29.58	18.60	41.15	41.07	25.73	165.30	165.21	102.83
2039-05-06	2.69	2.60	1.54	1.29	1.20	0.72	0.26	0.17	0.11	1.50	1.49	0.87	1.19	1.18	0.70	0.35	0.35	0.20	30.31	30.22	18.41	41.80	41.71	25.55	165.95	165.86	102.64
2039-05-07	2.52	2.44	1.47	1.21	1.13	0.69	0.24	0.16	0.10	1.41	1.40	0.84	1.12	1.11	0.67	0.33	0.33	0.19	30.87	30.79	18.25	42.36	42.28	25.38	166.51	166.42	102.48
2039-05-08	2.39	2.31	1.42	1.15	1.07	0.66	0.23	0.15	0.10	1.34	1.33	0.81	1.06	1.06	0.64	0.32	0.31	0.19	31.40	31.50	18.11	42.89	42.99	25.24	167.04	167.14	102.34
2039-05-09	2.25	2.50	1.37	1.08	1.33	0.64	0.22	0.47	0.10	1.25	1.25	0.78	1.00	0.99	0.62	0.30	0.29	0.18	31.87	31.46	17.98	43.36	42.95	25.12	167.51	167.09	102.21
2039-05-10	2.11	1.91	1.32	1.01	0.81	0.62	0.20	0.00	0.09	1.18	1.17	0.75	0.94	0.93	0.60	0.28	0.27	0.17	31.87	31.53	17.87	43.36	43.02	25.01	167.51	167.17	102.10
2039-05-11	1.99	1.80	1.28	0.96	0.77	0.60	0.19	0.00	0.09	1.11	1.10	0.73	0.88	0.88	0.58	0.26	0.25	0.17	31.88	31.62	17.77	43.37	43.11	24.91	167.52	167.26	102.00
2039-05-12	1.88	1.75	1.26	0.90	0.77	0.59	0.18	0.05	0.09	1.05	1.04	0.71	0.83	0.83	0.57	0.25	0.24	0.16	32.01	31.5							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2039-06-10	2.45	2.37	1.59	1.17	1.10	0.74	0.23	0.16	0.11	1.36	1.36	0.90	1.09	1.08	0.72	0.32	0.32	0.21	99.89	99.82	75.19	129.34	129.27	97.22	645.10	645.03	483.06
2039-06-11	2.27	2.19	1.52	1.09	1.02	0.71	0.22	0.15	0.10	1.26	1.26	0.86	1.01	1.00	0.69	0.30	0.29	0.20	99.78	99.71	75.08	129.23	129.17	97.11	644.98	644.92	482.95
2039-06-12	2.12	2.05	1.46	1.02	0.95	0.68	0.20	0.14	0.10	1.18	1.17	0.83	0.94	0.93	0.66	0.28	0.27	0.19	99.68	99.62	74.99	129.13	129.07	97.02	644.88	644.82	482.85
2039-06-13	2.05	1.98	1.40	0.98	0.92	0.65	0.20	0.13	0.10	1.14	1.13	0.80	0.91	0.90	0.63	0.27	0.26	0.18	99.59	99.53	74.90	129.04	128.98	96.93	644.79	644.73	482.77
2039-06-14	2.07	2.00	1.36	0.99	0.92	0.63	0.20	0.13	0.10	1.15	1.15	0.77	0.92	0.91	0.61	0.27	0.27	0.18	99.50	99.45	74.82	128.96	128.90	96.86	644.71	644.66	482.69
2039-06-15	2.02	1.96	1.31	0.97	0.91	0.61	0.19	0.13	0.10	1.13	1.12	0.74	0.90	0.89	0.59	0.27	0.26	0.17	152.30	152.25	114.32	187.26	187.21	140.47	1003.12	1003.07	750.81
2039-06-16	2.00	1.94	1.30	0.96	0.89	0.60	0.19	0.12	0.09	1.12	1.11	0.74	0.89	0.88	0.59	0.26	0.26	0.17	152.23	152.17	114.25	187.18	187.13	140.40	1003.04	1002.99	750.75
2039-06-17	1.98	1.92	1.29	0.95	0.89	0.60	0.19	0.13	0.09	1.10	1.10	0.73	0.88	0.87	0.58	0.26	0.26	0.17	152.15	152.10	114.19	187.11	187.06	140.34	1002.97	1002.92	750.69
2039-06-18	1.87	1.81	1.25	0.90	0.84	0.58	0.18	0.12	0.09	1.04	1.03	0.71	0.83	0.82	0.56	0.25	0.24	0.16	152.09	152.04	114.14	187.05	187.00	140.29	1002.91	1002.86	750.64
2039-06-19	1.77	1.72	1.22	0.85	0.80	0.57	0.17	0.12	0.09	0.99	0.98	0.69	0.79	0.78	0.55	0.23	0.23	0.16	174.75	173.27	127.46	209.71	208.23	153.61	1025.57	1024.09	763.95
2039-06-20	1.81	1.75	1.23	0.87	0.81	0.57	0.17	0.11	0.08	1.01	1.00	0.70	0.81	0.80	0.55	0.24	0.23	0.16	230.52	228.36	160.27	265.48	263.31	186.42	1081.34	1079.17	796.77
2039-06-21	1.85	1.79	1.24	0.89	0.83	0.58	0.18	0.12	0.09	1.03	1.02	0.70	0.82	0.81	0.56	0.24	0.24	0.16	186.01	185.77	137.29	220.97	220.73	163.44	1036.83	1036.59	773.78
2039-06-22	1.75	1.70	1.20	0.84	0.79	0.56	0.17	0.11	0.08	0.98	0.97	0.68	0.78	0.77	0.54	0.23	0.22	0.16	172.50	173.07	130.21	207.46	208.03	156.36	1023.32	1023.89	766.70
2039-06-23	1.67	1.62	1.17	0.80	0.75	0.55	0.16	0.11	0.08	0.93	0.92	0.66	0.74	0.73	0.53	0.22	0.21	0.15	166.02	165.33	124.47	200.98	200.28	150.62	1016.84	1016.14	760.96
2039-06-24	2.37	2.25	1.52	1.14	1.02	0.69	0.23	0.11	0.08	1.32	1.31	0.88	1.05	1.04	0.70	0.31	0.31	0.20	163.86	163.32	122.91	198.82	198.28	149.06	1014.68	1014.14	759.40
2039-06-25	4.29	4.07	2.44	2.06	1.84	1.11	0.41	0.19	0.12	2.39	2.38	1.42	1.91	1.90	1.13	0.57	0.56	0.33	162.25	162.12	121.75	197.21	197.07	147.90	1013.07	1012.93	758.24
2039-06-26	3.22	3.16	1.74	1.55	1.49	0.83	0.31	0.25	0.15	1.80	1.79	0.97	1.43	1.42	0.77	0.42	0.42	0.22	159.87	159.64	120.10	194.83	194.60	146.26	1010.69	1010.46	756.60
2039-06-27	3.06	2.95	1.63	1.47	1.36	0.76	0.29	0.19	0.11	1.71	1.70	0.93	1.36	1.35	0.74	0.40	0.40	0.21	158.23	158.03	118.97	193.19	192.99	145.12	1009.05	1008.85	755.47
2039-06-28	2.78	2.69	1.55	1.33	1.24	0.72	0.27	0.17	0.10	1.55	1.54	0.88	1.23	1.23	0.70	0.37	0.36	0.20	157.04	156.86	118.11	192.00	191.82	144.27	1007.86	1007.68	754.61
2039-06-29	2.82	2.71	1.55	1.35	1.24	0.72	0.27	0.16	0.10	1.57	1.56	0.88	1.25	1.24	0.70	0.37	0.36	0.20	156.14	155.99	117.45	191.10	190.94	143.60	1006.96	1006.80	753.94
2039-06-30	2.84	2.75	1.55	1.36	1.28	0.72	0.27	0.19	0.11	1.58	1.57	0.88	1.26	1.25	0.70	0.37	0.37	0.20	155.45	155.31	116.92	190.40	190.26	143.07	1006.26	1006.12	753.42
2039-07-01	2.60	2.51	1.49	1.25	1.16	0.69	0.25	0.17	0.10	1.45	1.44	0.85	1.15	1.14	0.67	0.34	0.34	0.19	154.89	154.77	116.85	189.85	189.72	143.07	1005.71	1005.58	753.42
2039-07-02	2.39	2.32	1.43	1.15	1.07	0.66	0.23	0.15	0.10	1.34	1.33	0.81	1.06	1.05	0.65	0.32	0.31	0.19	154.44	154.33	116.49	189.40	189.29	143.07	1005.26	1005.15	753.42
2039-07-03	2.22	2.15	1.38	1.07	1.00	0.64	0.21	0.14	0.10	1.24	1.23	0.78	0.99	0.98	0.62	0.29	0.29	0.18	154.07	153.97	116.20	189.03	188.93	143.07	1004.89	1004.79	753.42
2039-07-04	2.49	2.39	1.56	1.20	1.09	0.72	0.24	0.14	0.09	1.39	1.38	0.89	1.11	1.10	0.71	0.33	0.32	0.21	153.76	153.67	116.95	188.72	188.62	143.07	1004.58	1004.48	753.42
2039-07-05	2.88	2.76	2.10	1.38	1.27	0.96	0.28	0.16	0.11	1.61	1.60	1.22	1.28	1.27	0.97	0.38	0.37	0.28	153.62	153.53	116.81	188.58	188.48	143.07	1004.44	1004.34	753.42
2039-07-06	2.75	2.65	1.83	1.32	1.22	0.85	0.26	0.17	0.13	1.53	1.52	1.04	1.22	1.21	0.83	0.36	0.36	0.24	153.49	153.40	116.68	188.45	188.36	143.07	1004.31	1004.22	753.42
2039-07-07	3.20	3.06	2.26	1.54	1.40	1.03	0.31	0.17	0.12	1.79	1.78	1.31	1.42	1.41	1.04	0.42	0.42	0.30	153.27	153.19	116.50	188.23	188.15	143.07	1004.09	1004.01	753.42
2039-07-08	3.33	3.21	2.40	1.60	1.47	1.11	0.32	0.19	0.15	1.86	1.85	1.38	1.48	1.47	1.10	0.44	0.43	0.32	154.45	154.29	116.63	189.41	189.25	143.07	1005.27	1005.11	753.42
2039-07-09	3.00	2.90	2.15	1.44	1.34	1.00	0.29	0.19	0.15	1.67	1.66	1.23	1.33	1.32	0.98	0.40	0.39	0.29	157.07	156.84	116.17	192.03	191.79	143.07	1007.89	1007.65	753.42
2039-07-10	2.73	2.64	2.01	1.31	1.22	0.93	0.26	0.17	0.13	1.52	1.51	1.15	1.21	1.20	0.91	0.36	0.35	0.27	154.98	154.90	116.20	189.93	189.86	143.07	1005.79	1005.72	753.42
2039-07-11	2.51	2.42	1.89	1.20	1.12	0.87	0.24	0.16	0.13	1.40	1.39	1.08	1.11	1.10	0.86	0.33	0.32	0.25	154.51	154.40	116.74	189.47	189.35	143.07	1005.33	1005.21	753.42
2039-07-12	2.32	2.24	1.79	1.11	1.04	0.83	0.22	0.15	0.12	1.29	1.28	1.02	1.03	1.02	0.81	0.31	0.30	0.24	154.13	154.02	116.41	189.09	188.98	143.07	1004.95	1004.84	753.42
2039-07-13	2.16	2.09	1.69	1.04	0.97	0.79	0.21	0.14	0.11	1.20	1.20	0.97	0.96	0.95	0.77	0.28	0.28	0.22	153.81	153.72	116.13	188.77	188.67	143.07	1004.63	1004.53	753.42
2039-07-14	2.02	1.96	1.61	0.97	0.91	0.75	0.19	0.13	0.11	1.13	1.12	0.92	0.90	0.89	0.73	0.27	0.26	0.21	153.54	153.45	115.89	188.50	188.41	143.07	1004.36	1004.27	753.42
2039-07-15	1.90	1.85	1.54	0.91	0.85	0.71	0.18	0.12	0.10	1.06	1.05	0.88	0.85	0.84	0.70	0.25	0.24	0.20	64.89	64.81	61.64	85.26	85.18	81.00	510.46	510.38	485.11
2039-07-16	1.80	1.75	1.48	0.86	0.81	0.68	0.17	0.12	0.10	1.01	1.00	0.84	0.80	0.79	0.67	0.24	0.23	0.19	64.70	64.62	61.47	85.06	84.98	80.82	510.27	510.19	484.94
2039-07-17	1.71	1.66	1.42	0.82	0.77	0.66	0.16	0.11	0.10	0.95	0.95	0.81	0.76	0.75	0.64	0.23	0.22	0.19	64.52	64.45	61.31	84.89	84.82	80.67	510.09	510.02	484.78
2039-07-18	1.63	1.58	1.37	0.78	0.73	0.64	0.16	0.11	0.09	0.91	0.90	0.78	0.72	0.72	0.62	0.21	0.21	0.18	64.38	64.31	61.18	84.74	84.67	80.53	509.95	509.88	484.65
2039-07-19	1.71	1.65	1.43	0.82	0.76	0.66	0.16	0.10	0.09	0.96	0.95	0.82	0.76	0.75	0.65	0.23	0.22	0.19	64.28	64.21	61.07	84.65	84.58	80.43	509.85	509.78	484.54
2039-07-20	2.39	2.27	2.04	1.15	1.03	0.92	0.23	0.12	0.10	1.33	1.32	1.18	1.06	1.05	0.94	0.31	0.31	0.27	64.20	64.13	60.98	84.56	84.50	80.34	509.77	509.70	484.45
2039-07-21	2.57	2.47	2.23	1.23	1.14	1.03	0.25	0.15	0.14	1.43	1.42	1.28	1.14	1.13	1.02	0.34	0.33	0.30	64.08	64.02	60						

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2039-08-20	3.79	3.64	2.78	1.82	1.67	1.28	0.36	0.21	0.17	2.11	2.10	1.60	1.68	1.67	1.27	0.50	0.49	0.37	29.57	29.52	25.90	40.43	40.38	35.39	225.29	225.23	196.84
2039-08-21	5.10	4.83	3.55	2.45	2.18	1.61	0.49	0.22	0.17	2.84	2.83	2.07	2.26	2.25	1.65	0.67	0.67	0.49	29.50	29.45	25.84	40.36	40.31	35.33	225.21	225.16	196.78
2039-08-22	9.11	8.75	6.44	4.37	4.02	2.96	0.87	0.52	0.39	5.08	5.06	3.72	4.04	4.03	2.96	1.20	1.19	0.88	29.43	29.38	25.79	40.30	40.25	35.28	225.15	225.10	196.73
2039-08-23	10.64	10.48	7.69	5.11	4.94	3.64	1.02	0.85	0.64	5.94	5.92	4.34	4.73	4.72	3.45	1.40	1.40	1.02	29.37	29.33	25.74	40.24	40.19	35.23	225.09	225.04	196.68
2039-08-24	8.62	8.36	6.21	4.14	3.88	2.88	0.83	0.57	0.42	4.81	4.79	3.56	3.83	3.82	2.83	1.14	1.13	0.84	29.44	29.39	25.78	40.31	40.26	35.27	225.16	225.11	196.71
2039-08-25	7.26	7.03	5.33	3.48	3.25	2.46	0.70	0.47	0.34	4.05	4.04	3.07	3.22	3.21	2.44	0.96	0.95	0.72	30.21	30.11	26.23	41.07	40.98	35.72	225.92	225.83	197.17
2039-08-26	6.76	6.50	4.98	3.24	2.99	2.29	0.65	0.39	0.30	3.77	3.76	2.88	3.00	2.99	2.29	0.89	0.88	0.68	30.48	30.39	26.47	41.34	41.26	35.96	226.19	226.11	197.41
2039-08-27	6.15	5.93	4.64	2.95	2.74	2.14	0.59	0.37	0.29	3.43	3.42	2.67	2.73	2.72	2.13	0.81	0.81	0.63	29.92	29.87	26.09	40.78	40.73	35.58	225.63	225.58	197.03
2039-08-28	5.15	4.99	4.02	2.47	2.31	1.86	0.49	0.33	0.26	2.88	2.86	2.31	2.29	2.28	1.84	0.68	0.67	0.54	29.81	29.75	26.01	40.67	40.61	35.50	225.52	225.47	196.95
2039-08-29	4.63	4.46	3.62	2.22	2.06	1.67	0.44	0.28	0.23	2.58	2.57	2.08	2.06	2.05	1.66	0.61	0.60	0.49	29.71	29.66	25.94	40.58	40.52	35.43	225.43	225.37	196.88
2039-08-30	4.19	4.04	3.30	2.01	1.86	1.53	0.40	0.26	0.21	2.34	2.33	1.90	1.86	1.85	1.51	0.55	0.55	0.44	29.63	29.57	25.88	40.49	40.44	35.37	225.34	225.29	196.82
2039-08-31	3.68	3.55	2.97	1.76	1.64	1.37	0.35	0.23	0.19	2.05	2.04	1.70	1.63	1.62	1.35	0.48	0.48	0.40	29.55	29.50	25.83	40.41	40.37	35.32	225.27	225.22	196.77
2039-09-01	3.38	3.26	2.78	1.62	1.50	1.28	0.32	0.21	0.18	1.89	1.88	1.60	1.50	1.49	1.27	0.45	0.44	0.37	29.48	29.43	30.29	40.34	40.30	41.58	225.20	225.15	233.51
2039-09-02	3.14	3.03	2.63	1.51	1.40	1.22	0.30	0.19	0.17	1.75	1.74	1.51	1.39	1.38	1.20	0.41	0.41	0.35	29.41	29.37	30.25	40.28	40.23	41.53	225.13	225.08	233.46
2039-09-03	2.85	2.75	2.42	1.37	1.27	1.12	0.27	0.18	0.16	1.59	1.58	1.39	1.26	1.26	1.10	0.37	0.37	0.32	29.36	29.31	30.21	40.22	40.18	41.49	225.07	225.03	233.42
2039-09-04	2.60	2.52	2.24	1.25	1.17	1.04	0.25	0.17	0.15	1.45	1.44	1.28	1.16	1.15	1.02	0.34	0.34	0.30	29.30	29.26	30.17	40.17	40.13	41.45	225.02	224.98	233.38
2039-09-05	2.40	2.32	2.09	1.15	1.08	0.97	0.23	0.15	0.14	1.34	1.33	1.19	1.07	1.06	0.95	0.32	0.31	0.28	29.26	29.21	30.13	40.12	40.08	41.41	224.97	224.93	233.34
2039-09-06	2.28	2.21	2.02	1.10	1.02	0.93	0.22	0.14	0.13	1.27	1.26	1.16	1.01	1.01	0.92	0.30	0.29	0.27	29.34	29.29	30.22	40.21	40.16	41.50	225.06	225.01	233.43
2039-09-07	2.22	2.15	2.00	1.06	0.99	0.92	0.21	0.14	0.13	1.24	1.23	1.14	0.99	0.98	0.91	0.29	0.29	0.27	32.24	32.01	33.12	43.10	42.87	44.40	227.95	227.72	236.33
2039-09-08	2.53	2.43	2.31	1.22	1.11	1.06	0.24	0.14	0.13	1.41	1.40	1.34	1.12	1.12	1.06	0.33	0.33	0.31	35.82	35.59	36.91	46.68	46.45	48.19	231.54	231.30	240.12
2039-09-09	2.93	2.81	2.84	1.41	1.28	1.29	0.28	0.16	0.15	1.63	1.62	1.65	1.30	1.29	1.31	0.39	0.38	0.39	32.52	32.48	33.54	43.39	43.35	44.82	228.24	228.20	236.76
2039-09-10	3.08	2.96	2.92	1.48	1.35	1.34	0.30	0.17	0.17	1.72	1.71	1.68	1.37	1.36	1.34	0.41	0.40	0.39	32.02	31.90	32.95	42.88	42.77	44.23	227.74	227.62	236.16
2039-09-11	3.93	3.74	3.80	1.89	1.70	1.72	0.38	0.19	0.19	2.19	2.18	2.22	1.74	1.74	1.77	0.52	0.51	0.52	31.61	31.50	32.55	42.47	42.36	43.83	227.32	227.21	235.76
2039-09-12	3.64	3.52	3.53	1.75	1.62	1.63	0.35	0.22	0.23	2.03	2.02	2.03	1.62	1.61	1.62	0.48	0.47	0.48	31.26	31.17	32.22	42.13	42.03	43.50	226.98	226.88	235.43
2039-09-13	3.34	3.23	3.24	1.60	1.49	1.50	0.32	0.21	0.21	1.86	1.85	1.86	1.48	1.47	1.48	0.44	0.43	0.44	30.98	30.89	31.94	41.84	41.75	43.22	226.69	226.60	235.15
2039-09-14	3.00	2.91	2.92	1.44	1.34	1.35	0.29	0.19	0.19	1.68	1.67	1.67	1.33	1.33	1.33	0.40	0.39	0.39	30.73	30.65	31.70	41.60	41.51	42.98	226.45	226.37	234.91
2039-09-15	2.89	2.79	2.80	1.39	1.28	1.29	0.28	0.17	0.17	1.61	1.60	1.61	1.28	1.28	1.28	0.38	0.37	0.38	20.93	20.85	21.53	29.64	29.56	30.58	162.49	162.41	168.52
2039-09-16	3.10	2.97	3.01	1.49	1.36	1.38	0.30	0.17	0.17	1.73	1.72	1.74	1.38	1.37	1.39	0.41	0.40	0.41	20.75	20.67	21.35	29.46	29.39	30.41	162.31	162.24	168.34
2039-09-17	3.55	3.39	3.47	1.70	1.55	1.58	0.34	0.18	0.19	1.98	1.97	2.02	1.58	1.57	1.61	0.47	0.46	0.47	21.16	21.05	21.77	29.88	29.77	30.82	162.72	162.62	168.76
2039-09-18	4.59	4.35	4.55	2.20	1.97	2.06	0.44	0.21	0.21	2.56	2.55	2.67	2.04	2.03	2.12	0.60	0.60	0.63	23.42	23.19	24.12	32.13	31.90	33.17	164.98	164.75	171.10
2039-09-19	4.66	4.48	4.70	2.24	2.05	2.15	0.45	0.26	0.27	2.60	2.59	2.72	2.07	2.06	2.17	0.61	0.61	0.64	23.26	23.12	24.07	31.98	31.83	33.12	164.83	164.68	171.05
2039-09-20	4.01	3.88	4.02	1.92	1.79	1.86	0.38	0.25	0.27	2.24	2.22	2.31	1.78	1.77	1.84	0.53	0.52	0.54	22.35	22.25	23.09	31.07	30.96	32.14	163.92	163.81	170.08
2039-09-21	3.54	3.42	3.53	1.70	1.58	1.63	0.34	0.22	0.23	1.97	1.96	2.03	1.57	1.56	1.61	0.47	0.46	0.48	21.95	21.84	22.66	30.67	30.56	31.71	163.52	163.41	169.65
2039-09-22	3.16	3.06	3.15	1.52	1.42	1.46	0.30	0.20	0.21	1.77	1.76	1.81	1.41	1.40	1.44	0.42	0.41	0.42	22.02	21.90	22.72	30.74	30.61	31.77	163.58	163.46	169.71
2039-09-23	2.86	2.77	2.84	1.37	1.28	1.32	0.27	0.18	0.19	1.60	1.59	1.63	1.27	1.26	1.30	0.38	0.37	0.38	22.50	22.35	23.23	31.22	31.07	32.28	164.06	163.92	170.22
2039-09-24	2.62	2.53	2.59	1.26	1.17	1.20	0.25	0.17	0.17	1.46	1.45	1.49	1.16	1.15	1.18	0.34	0.34	0.35	23.73	23.52	24.56	32.45	32.24	33.61	165.30	165.09	171.55
2039-09-25	2.41	2.33	2.39	1.16	1.08	1.10	0.23	0.15	0.16	1.35	1.34	1.37	1.07	1.06	1.09	0.32	0.31	0.32	24.53	24.31	25.43	33.25	33.03	34.48	166.10	165.88	172.42
2039-09-26	2.24	2.17	2.21	1.07	1.00	1.02	0.21	0.14	0.15	1.25	1.24	1.26	0.99	0.99	1.01	0.29	0.29	0.29	23.62	23.48	24.48	32.34	32.20	33.53	165.19	165.04	171.46
2039-09-27	2.09	2.03	2.06	1.00	0.94	0.96	0.20	0.14	0.14	1.17	1.16	1.18	0.93	0.92	0.94	0.28	0.27	0.27	22.98	22.85	23.78	31.70	31.56	32.83	164.54	164.41	170.76
2039-09-28	1.96	1.90	1.94	0.94	0.88	0.90	0.19	0.13	0.13	1.10	1.09	1.10	0.87	0.86	0.88	0.26	0.25	0.26	26.29	25.93	27.24	35.01	34.64	36.29	167.86	167.49	174.23
2039-09-29	1.91	1.85	1.88	0.92	0.86	0.87	0.18	0.12	0.12	1.07	1.06	1.07	0.85	0.84	0.85	0.25	0.25	0.25	34.86	33.75	36.44	43.58	42.47	45.49	176.43	175.32	183.43
2039-09-30	1.86	1.80	1.83	0.89	0.84	0.85	0.18	0.12	0.12	1.04	1.03	1.05	0.82	0.82	0.83	0.24	0.24	0.24	31.74	30.97	33.68	40.46	39.69	42.73	173.31	172.53	180.67
2039-10-01	1.76	1.71	1.74	0.84	0.79	0.81	0.17	0.12	0.12	0.98	0.97	0.99	0.78	0.77	0.79	0.23	0.23	0.23									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2039-10-30	1.52	1.47	1.61	0.73	0.68	0.74	0.15	0.10	0.10	0.85	0.84	0.92	0.67	0.67	0.73	0.20	0.19	0.21	18.90	18.84	20.12	27.06	27.00	28.86	138.03	137.97	147.65
2039-10-31	1.51	1.47	1.62	0.73	0.68	0.75	0.14	0.10	0.11	0.84	0.84	0.93	0.67	0.66	0.74	0.20	0.19	0.22	18.85	18.79	20.07	27.01	26.96	28.81	137.98	137.93	147.60
2039-11-01	1.45	1.41	1.55	0.70	0.66	0.72	0.14	0.10	0.10	0.81	0.80	0.88	0.65	0.64	0.70	0.19	0.18	0.20	18.80	18.78	19.31	26.97	26.94	27.69	137.94	137.91	141.65
2039-11-02	1.44	1.38	1.55	0.69	0.64	0.71	0.14	0.09	0.09	0.80	0.80	0.89	0.64	0.63	0.71	0.19	0.18	0.21	18.76	18.72	19.24	26.93	26.89	27.63	137.90	137.86	141.58
2039-11-03	1.42	1.38	1.56	0.68	0.64	0.72	0.14	0.09	0.10	0.79	0.79	0.89	0.63	0.63	0.71	0.19	0.19	0.21	18.72	18.69	19.20	26.89	26.85	27.59	137.86	137.82	141.54
2039-11-04	1.37	1.33	1.50	0.66	0.62	0.70	0.13	0.09	0.10	0.76	0.76	0.86	0.61	0.61	0.68	0.18	0.18	0.20	18.69	18.64	19.15	26.85	26.81	27.54	137.82	137.78	141.49
2039-11-05	1.33	1.29	1.43	0.64	0.60	0.66	0.13	0.09	0.10	0.74	0.74	0.82	0.59	0.59	0.65	0.17	0.17	0.19	18.66	18.61	19.12	26.82	26.78	27.50	137.79	137.75	141.46
2039-11-06	1.37	1.33	1.50	0.66	0.62	0.69	0.13	0.09	0.10	0.77	0.76	0.86	0.61	0.61	0.68	0.18	0.18	0.20	18.63	18.58	19.08	26.79	26.74	27.47	137.76	137.71	141.42
2039-11-07	1.47	1.45	1.63	0.70	0.69	0.77	0.14	0.12	0.14	0.82	0.83	0.93	0.65	0.66	0.74	0.19	0.20	0.23	18.60	18.56	19.06	26.76	26.73	27.45	137.73	137.70	141.40
2039-11-08	1.49	1.45	1.65	0.71	0.68	0.77	0.14	0.11	0.12	0.83	0.83	0.95	0.66	0.66	0.75	0.20	0.20	0.23	18.57	18.53	19.03	26.74	26.70	27.42	137.71	137.67	141.37
2039-11-09	1.47	1.46	1.65	0.71	0.69	0.78	0.14	0.13	0.14	0.82	0.83	0.94	0.65	0.66	0.75	0.19	0.20	0.23	18.55	18.52	19.01	26.71	26.68	27.39	137.68	137.65	141.35
2039-11-10	1.42	1.38	1.55	0.68	0.64	0.72	0.14	0.10	0.11	0.79	0.79	0.88	0.63	0.63	0.70	0.19	0.19	0.21	18.52	18.49	18.98	26.69	26.65	27.36	137.66	137.62	141.32
2039-11-11	1.37	1.33	1.48	0.66	0.62	0.69	0.13	0.09	0.10	0.76	0.76	0.85	0.61	0.60	0.67	0.18	0.18	0.20	18.50	18.47	18.96	26.67	26.63	27.34	137.64	137.60	141.30
2039-11-12	1.32	1.29	1.42	0.64	0.60	0.66	0.13	0.09	0.10	0.74	0.74	0.81	0.59	0.59	0.65	0.17	0.17	0.19	18.48	18.45	18.94	26.65	26.61	27.32	137.62	137.58	141.28
2039-11-13	1.28	1.24	1.36	0.62	0.57	0.63	0.12	0.08	0.09	0.72	0.71	0.78	0.57	0.57	0.62	0.17	0.17	0.18	18.48	18.45	18.95	26.64	26.62	27.33	137.62	137.59	141.29
2039-11-14	1.25	1.21	1.32	0.60	0.56	0.61	0.12	0.08	0.09	0.70	0.69	0.76	0.55	0.55	0.60	0.16	0.16	0.18	18.49	18.48	18.99	26.65	26.65	27.37	137.62	137.62	141.33
2039-11-15	1.23	1.20	1.31	0.59	0.56	0.61	0.12	0.08	0.09	0.69	0.68	0.75	0.55	0.54	0.59	0.16	0.16	0.18	18.66	18.65	19.16	27.32	27.31	28.05	123.16	123.15	126.47
2039-11-16	1.28	1.25	1.38	0.61	0.58	0.64	0.12	0.09	0.10	0.71	0.71	0.79	0.57	0.57	0.63	0.17	0.17	0.19	18.64	18.61	19.12	27.30	27.27	28.01	123.14	123.12	126.43
2039-11-17	1.31	1.28	1.43	0.63	0.60	0.67	0.13	0.10	0.11	0.73	0.73	0.81	0.58	0.58	0.65	0.17	0.18	0.20	18.62	18.59	19.10	27.28	27.25	27.99	123.13	123.09	126.41
2039-11-18	1.27	1.24	1.37	0.61	0.58	0.64	0.12	0.09	0.10	0.71	0.71	0.78	0.56	0.56	0.62	0.17	0.17	0.18	18.61	18.57	19.08	27.27	27.23	27.97	123.11	123.08	126.39
2039-11-19	1.23	1.20	1.31	0.59	0.56	0.61	0.12	0.08	0.09	0.69	0.68	0.75	0.55	0.54	0.60	0.16	0.16	0.18	18.59	18.56	19.07	27.25	27.23	27.96	123.09	123.07	126.38
2039-11-20	1.20	1.17	1.27	0.58	0.54	0.59	0.12	0.08	0.09	0.67	0.67	0.73	0.53	0.53	0.58	0.16	0.16	0.17	18.58	18.54	19.04	27.24	27.20	27.94	123.08	123.05	126.36
2039-11-21	1.17	1.13	1.23	0.56	0.52	0.57	0.11	0.07	0.08	0.65	0.65	0.70	0.52	0.51	0.56	0.15	0.15	0.16	18.56	18.52	19.01	27.22	27.18	27.91	123.07	123.02	126.33
2039-11-22	1.15	1.11	1.20	0.55	0.51	0.55	0.11	0.07	0.08	0.64	0.63	0.68	0.51	0.50	0.54	0.15	0.15	0.16	18.55	18.50	19.00	27.21	27.16	27.89	123.05	123.01	126.31
2039-11-23	1.12	1.09	1.17	0.54	0.51	0.55	0.11	0.08	0.08	0.63	0.62	0.67	0.50	0.49	0.53	0.15	0.15	0.16	18.54	18.50	18.99	27.20	27.16	27.88	123.04	123.00	126.30
2039-11-24	1.11	1.08	1.16	0.53	0.50	0.53	0.11	0.07	0.07	0.62	0.61	0.66	0.49	0.49	0.53	0.15	0.14	0.15	18.53	18.49	18.98	27.19	27.15	27.87	123.03	122.99	126.29
2039-11-25	1.13	1.10	1.19	0.54	0.51	0.55	0.11	0.08	0.08	0.63	0.63	0.68	0.50	0.50	0.54	0.15	0.15	0.16	18.51	18.48	18.97	27.18	27.14	27.86	123.02	122.98	126.28
2039-11-26	1.12	1.10	1.20	0.54	0.51	0.56	0.11	0.08	0.09	0.63	0.63	0.68	0.50	0.50	0.55	0.15	0.15	0.16	18.50	18.47	18.96	27.16	27.13	27.85	123.01	122.97	126.27
2039-11-27	1.10	1.07	1.16	0.53	0.50	0.54	0.11	0.08	0.08	0.61	0.61	0.66	0.49	0.49	0.53	0.15	0.14	0.16	18.49	18.46	18.95	27.15	27.12	27.84	123.00	122.97	126.26
2039-11-28	1.08	1.05	1.13	0.52	0.49	0.52	0.10	0.07	0.08	0.60	0.60	0.65	0.48	0.47	0.51	0.14	0.14	0.15	18.48	18.45	18.94	27.15	27.11	27.83	122.99	122.96	126.25
2039-11-29	1.06	1.03	1.10	0.51	0.47	0.51	0.10	0.07	0.07	0.59	0.59	0.63	0.47	0.47	0.50	0.14	0.14	0.15	18.48	18.44	18.93	27.14	27.10	27.82	122.98	122.95	126.24
2039-11-30	1.04	1.01	1.08	0.50	0.47	0.50	0.10	0.07	0.07	0.58	0.57	0.62	0.46	0.46	0.49	0.14	0.13	0.14	18.47	18.44	18.92	27.13	27.10	27.82	122.97	122.94	126.24
2039-12-01	1.02	1.00	1.07	0.49	0.46	0.50	0.10	0.07	0.08	0.57	0.57	0.61	0.45	0.45	0.48	0.13	0.13	0.14	18.46	18.44	18.91	27.12	27.10	27.82	122.96	122.94	123.72
2039-12-02	1.01	0.98	1.04	0.48	0.45	0.48	0.10	0.07	0.07	0.56	0.56	0.59	0.45	0.44	0.47	0.13	0.13	0.14	18.45	18.43	18.90	27.11	27.09	27.82	122.95	122.93	123.71
2039-12-03	0.99	0.97	1.02	0.48	0.45	0.48	0.10	0.07	0.07	0.55	0.55	0.58	0.44	0.44	0.46	0.13	0.13	0.14	18.44	18.42	18.90	27.10	27.08	27.82	122.95	122.92	123.69
2039-12-04	0.98	0.96	1.01	0.47	0.45	0.47	0.09	0.07	0.08	0.55	0.54	0.58	0.43	0.43	0.46	0.13	0.13	0.14	18.44	18.40	18.90	27.10	27.06	27.82	122.94	122.91	123.68
2039-12-05	0.96	0.94	1.00	0.46	0.44	0.47	0.09	0.07	0.07	0.54	0.54	0.57	0.43	0.43	0.45	0.13	0.13	0.13	18.43	18.39	18.90	27.09	27.05	27.82	122.93	122.89	123.66
2039-12-06	0.95	0.93	0.98	0.46	0.44	0.46	0.09	0.07	0.07	0.53	0.53	0.56	0.42	0.42	0.44	0.13	0.12	0.13	18.42	18.38	18.90	27.08	27.04	27.82	122.93	122.88	123.65
2039-12-07	0.94	0.92	0.96	0.45	0.43	0.45	0.09	0.07	0.07	0.52	0.52	0.55	0.42	0.41	0.44	0.12	0.12	0.13	18.42	18.37	18.89	27.08	27.03	27.82	122.92	122.87	123.64
2039-12-08	0.93	0.91	0.95	0.45	0.42	0.44	0.09	0.06	0.07	0.52	0.51	0.54	0.41	0.41	0.43	0.12	0.12	0.13	18.41	18.37	18.89	27.07	27.03	27.82	122.91	122.87	123.64
2039-12-09	0.92	0.90	0.94	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.51	0.53	0.41	0.41	0.42	0.12	0.12	0.12	18.41	18.36	18.88	27.07	27.02	27.82	122.91	122.87	123.63
2039-12-10	1.50	1.42	1.52	0.72	0.65	0.69	0.14	0.07	0.07	0.84	0.83	0.89	0.67	0.66	0.71	0.20	0.20	0.21	18.41	18.37	18.88	27.07	27.03	27.82	122.91	122.87	123.63
2039-12-11	2.39	2.26	2.48	1.15	1.02	1.11	0.23	0.10	0.11	1.33	1.33	1.46	1.06	1.06	1.16	0.31	0.31	0.34									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2040-01-09	0.91	0.88	0.90	0.43	0.41	0.42	0.09	0.06	0.06	0.51	0.50	0.51	0.40	0.40	0.41	0.12	0.11	0.12	13.94	13.90	13.99	20.16	20.13	20.21	83.99	83.95	83.99
2040-01-10	0.90	0.87	0.89	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.49	0.51	0.40	0.39	0.40	0.12	0.11	0.12	13.83	13.81	13.86	20.05	20.03	20.08	83.87	83.85	83.86
2040-01-11	0.89	0.86	0.88	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.11	13.63	13.62	13.61	19.86	19.84	19.83	83.68	83.67	83.62
2040-01-12	0.88	0.86	0.88	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.11	13.62	13.59	13.59	19.84	19.82	19.81	83.66	83.64	83.60
2040-01-13	0.87	0.85	0.87	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	13.62	13.59	13.58	19.84	19.81	19.80	83.67	83.64	83.59
2040-01-14	0.87	0.84	0.85	0.42	0.39	0.39	0.08	0.05	0.05	0.48	0.48	0.49	0.38	0.38	0.39	0.11	0.11	0.11	13.62	13.59	13.58	19.84	19.82	19.80	83.67	83.64	83.58
2040-01-15	0.86	0.83	0.85	0.41	0.38	0.39	0.08	0.05	0.05	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	10.55	10.52	10.51	16.42	16.39	16.38	69.60	69.57	69.52
2040-01-16	0.85	0.82	0.84	0.41	0.38	0.39	0.08	0.05	0.05	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	10.55	10.52	10.51	16.42	16.40	16.38	69.60	69.58	69.53
2040-01-17	0.86	0.83	0.85	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.11	10.55	10.53	10.51	16.42	16.40	16.38	69.60	69.58	69.53
2040-01-18	1.21	1.16	1.24	0.58	0.53	0.57	0.12	0.06	0.07	0.67	0.67	0.72	0.54	0.53	0.57	0.16	0.16	0.17	10.55	10.53	10.52	16.43	16.40	16.39	69.60	69.58	69.53
2040-01-19	2.79	2.60	2.85	1.34	1.16	1.26	0.27	0.08	0.09	1.56	1.55	1.70	1.24	1.23	1.35	0.37	0.37	0.40	10.55	10.54	10.52	16.43	16.41	16.39	69.60	69.59	69.54
2040-01-20	4.75	4.86	5.41	2.28	2.39	2.67	0.46	0.57	0.64	2.65	2.65	2.94	2.11	2.11	2.34	0.63	0.63	0.70	10.55	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.53
2040-01-21	3.13	3.12	3.70	1.50	1.50	1.84	0.30	0.29	0.47	1.75	1.75	2.00	1.39	1.40	1.60	0.41	0.42	0.48	10.55	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.53
2040-01-22	2.58	2.51	2.88	1.24	1.17	1.34	0.25	0.18	0.20	1.44	1.44	1.65	1.15	1.14	1.31	0.34	0.34	0.39	10.56	10.53	10.52	16.43	16.40	16.39	69.61	69.58	69.53
2040-01-23	2.68	2.58	2.99	1.29	1.19	1.37	0.26	0.16	0.18	1.50	1.50	1.73	1.19	1.19	1.38	0.35	0.35	0.41	10.56	10.53	10.52	16.43	16.41	16.39	69.61	69.58	69.53
2040-01-24	3.21	3.09	3.58	1.54	1.42	1.64	0.31	0.19	0.21	1.79	1.80	2.08	1.43	1.43	1.66	0.42	0.43	0.50	10.56	10.54	10.52	16.43	16.41	16.39	69.61	69.59	69.54
2040-01-25	3.42	3.33	3.86	1.64	1.55	1.79	0.33	0.24	0.27	1.91	1.92	2.23	1.52	1.53	1.78	0.45	0.47	0.54	10.56	10.54	10.53	16.43	16.42	16.40	69.61	69.59	69.54
2040-01-26	3.21	3.11	3.58	1.54	1.44	1.66	0.31	0.21	0.24	1.79	1.79	2.06	1.42	1.43	1.64	0.42	0.43	0.49	10.56	10.54	10.53	16.44	16.42	16.40	69.61	69.59	69.55
2040-01-27	2.90	2.80	3.18	1.39	1.30	1.47	0.28	0.18	0.21	1.62	1.61	1.83	1.29	1.28	1.46	0.38	0.38	0.43	10.56	10.54	10.53	16.44	16.42	16.40	69.61	69.60	69.55
2040-01-28	2.64	2.56	2.87	1.27	1.18	1.33	0.25	0.17	0.19	1.48	1.47	1.65	1.17	1.17	1.31	0.35	0.35	0.39	10.56	10.54	10.53	16.44	16.42	16.40	69.61	69.59	69.55
2040-01-29	2.43	2.36	2.61	1.17	1.09	1.21	0.23	0.16	0.17	1.36	1.36	1.50	1.08	1.08	1.20	0.32	0.32	0.36	10.56	10.54	10.53	16.44	16.42	16.40	69.62	69.59	69.54
2040-01-30	2.29	2.21	2.45	1.10	1.02	1.13	0.22	0.14	0.16	1.28	1.27	1.41	1.02	1.01	1.13	0.30	0.30	0.33	10.57	10.54	10.52	16.44	16.41	16.40	69.62	69.59	69.54
2040-01-31	2.18	2.11	2.36	1.04	0.98	1.09	0.21	0.14	0.16	1.21	1.21	1.36	0.97	0.97	1.08	0.29	0.29	0.32	10.57	10.54	10.53	16.44	16.42	16.40	69.62	69.60	69.55
2040-02-01	2.05	1.99	2.23	0.98	0.92	1.03	0.20	0.13	0.15	1.14	1.14	1.28	0.91	0.91	1.02	0.27	0.27	0.30	10.57	10.55	10.62	16.44	16.42	16.54	69.62	69.60	70.15
2040-02-02	2.04	1.98	2.27	0.98	0.91	1.05	0.20	0.13	0.14	1.14	1.14	1.31	0.91	0.91	1.04	0.27	0.27	0.31	10.57	10.55	10.67	16.44	16.43	16.59	69.62	69.60	70.20
2040-02-03	2.26	2.19	2.60	1.08	1.02	1.20	0.22	0.15	0.17	1.26	1.26	1.51	1.00	1.01	1.20	0.30	0.30	0.36	10.57	10.55	10.74	16.44	16.43	16.66	69.62	69.60	70.27
2040-02-04	3.38	3.23	4.03	1.62	1.47	1.83	0.32	0.18	0.21	1.88	1.89	2.37	1.50	1.51	1.89	0.44	0.46	0.57	10.57	10.55	10.63	16.45	16.43	16.55	69.62	69.60	70.16
2040-02-05	3.97	3.81	4.79	1.91	1.74	2.19	0.38	0.22	0.27	2.21	2.22	2.79	1.76	1.77	2.23	0.52	0.53	0.67	10.57	10.55	10.62	16.45	16.43	16.54	69.62	69.61	70.15
2040-02-06	3.11	3.03	3.73	1.49	1.41	1.74	0.30	0.22	0.27	1.74	1.73	2.13	1.38	1.38	1.70	0.41	0.41	0.50	10.57	10.55	10.62	16.45	16.43	16.54	69.62	69.61	70.15
2040-02-07	2.82	2.72	3.28	1.35	1.26	1.51	0.27	0.17	0.21	1.57	1.57	1.89	1.25	1.25	1.50	0.37	0.37	0.44	10.57	10.56	10.62	16.45	16.43	16.54	69.63	69.61	70.15
2040-02-08	2.58	2.49	2.94	1.24	1.15	1.36	0.25	0.16	0.18	1.44	1.43	1.70	1.15	1.14	1.35	0.34	0.34	0.40	10.57	10.56	10.62	16.45	16.43	16.54	69.63	69.61	70.15
2040-02-09	2.38	2.30	2.68	1.14	1.06	1.23	0.23	0.15	0.17	1.33	1.32	1.54	1.06	1.05	1.23	0.31	0.31	0.36	10.58	10.56	10.62	16.45	16.43	16.54	69.63	69.61	70.15
2040-02-10	2.21	2.14	2.45	1.06	0.99	1.13	0.21	0.14	0.16	1.24	1.23	1.41	0.98	0.98	1.12	0.29	0.29	0.33	10.58	10.55	10.62	16.45	16.43	16.54	69.63	69.61	70.15
2040-02-11	2.07	2.00	2.27	0.99	0.93	1.05	0.20	0.13	0.15	1.15	1.15	1.31	0.92	0.92	1.04	0.27	0.27	0.31	10.58	10.56	10.62	16.45	16.43	16.54	69.63	69.61	70.15
2040-02-12	1.96	1.90	2.14	0.94	0.88	0.99	0.19	0.12	0.14	1.09	1.09	1.23	0.87	0.87	0.98	0.26	0.26	0.29	10.58	10.55	10.62	16.45	16.43	16.54	69.63	69.61	70.15
2040-02-13	1.86	1.80	2.02	0.89	0.83	0.93	0.18	0.12	0.13	1.04	1.03	1.16	0.83	0.82	0.92	0.24	0.24	0.27	10.58	10.56	10.68	16.45	16.43	16.60	69.63	69.61	70.21
2040-02-14	1.76	1.71	1.90	0.85	0.79	0.88	0.17	0.12	0.13	0.98	0.98	1.09	0.78	0.78	0.87	0.23	0.23	0.26	10.58	10.56	10.77	16.45	16.44	16.69	69.63	69.62	70.30
2040-02-15	1.68	1.62	1.79	0.80	0.75	0.83	0.16	0.11	0.12	0.94	0.93	1.03	0.74	0.74	0.82	0.22	0.22	0.24	10.50	10.48	10.55	15.38	15.36	15.47	65.48	65.46	65.98
2040-02-16	1.60	1.55	1.70	0.77	0.72	0.78	0.15	0.10	0.11	0.89	0.89	0.97	0.71	0.71	0.78	0.21	0.21	0.23	10.50	10.48	10.53	15.39	15.36	15.46	65.48	65.46	65.96
2040-02-17	1.53	1.48	1.61	0.74	0.69	0.75	0.15	0.10	0.10	0.86	0.85	0.93	0.68	0.68	0.74	0.20	0.20	0.22	10.50	10.48	10.54	15.39	15.37	15.46	65.48	65.46	65.96
2040-02-18	1.47	1.43	1.54	0.71	0.66	0.71	0.14	0.10	0.10	0.82	0.82	0.89	0.65	0.65	0.70	0.19	0.19	0.21	10.50	10.48	10.54	15.39	15.37	15.46	65.49	65.47	65.97
2040-02-19	1.42	1.38	1.48	0.68	0.64	0.69	0.14	0.09	0.10	0.79	0.79	0.85	0.63	0.63	0.68	0.19	0.18	0.20	10.50	10.48	10.54	15.39	15.37	15.46	65.49	65.47	65.97
2040-02-20	1.37	1.33	1.42	0.66	0.62	0.66	0.13	0.09	0.10	0.76	0.76	0.82	0.61	0.61	0.65	0.18	0.18	0.19	10.50	10.48	10.54	15.39	15.37	15.46	65.49	65.46	65.97

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2040-03-20	1.23	1.20	1.86	0.59	0.56	0.79	0.12	0.08	0.00	0.69	0.68	1.14	0.55	0.54	0.91	0.16	0.16	0.27	13.98	13.93	29.26	20.78	20.74	43.34	83.04	83.00	172.18
2040-03-21	1.20	1.17	1.75	0.58	0.55	0.74	0.11	0.08	0.00	0.67	0.67	1.08	0.53	0.53	0.86	0.16	0.16	0.25	13.92	13.87	28.85	20.72	20.68	42.93	82.98	82.94	171.78
2040-03-22	1.17	1.14	1.65	0.56	0.53	0.70	0.11	0.08	0.00	0.65	0.65	1.01	0.52	0.52	0.81	0.15	0.15	0.24	13.86	13.82	28.50	20.67	20.63	42.59	82.92	82.88	171.43
2040-03-23	1.14	1.11	1.60	0.55	0.52	0.70	0.11	0.08	0.03	0.64	0.63	0.96	0.51	0.50	0.77	0.15	0.15	0.23	13.81	13.77	28.22	20.62	20.57	42.30	82.87	82.83	171.14
2040-03-24	1.12	1.09	1.60	0.54	0.51	0.74	0.11	0.08	0.11	0.62	0.62	0.92	0.50	0.49	0.73	0.15	0.15	0.21	13.76	13.72	27.97	20.57	20.53	42.06	82.83	82.79	170.90
2040-03-25	1.10	1.07	1.64	0.53	0.50	0.76	0.11	0.08	0.11	0.61	0.61	0.94	0.49	0.48	0.75	0.14	0.14	0.22	13.72	13.68	27.77	20.53	20.49	41.85	82.78	82.75	170.70
2040-03-26	1.07	1.05	2.36	0.52	0.49	1.07	0.10	0.08	0.11	0.60	0.60	1.38	0.48	0.48	1.10	0.14	0.14	0.33	13.68	13.65	27.67	20.49	20.45	41.76	82.75	82.71	170.60
2040-03-27	1.07	1.05	3.54	0.51	0.49	1.60	0.10	0.08	0.16	0.60	0.59	2.08	0.47	0.47	1.66	0.14	0.14	0.49	13.66	13.63	27.91	20.46	20.43	42.00	82.72	82.69	170.84
2040-03-28	1.06	1.04	2.97	0.51	0.49	1.40	0.10	0.08	0.24	0.59	0.59	1.69	0.47	0.47	1.35	0.14	0.14	0.41	13.66	13.63	28.53	20.46	20.44	42.61	82.72	82.70	171.46
2040-03-29	1.04	1.02	2.51	0.50	0.48	1.07	0.10	0.08	0.00	0.58	0.58	1.54	0.46	0.46	1.23	0.14	0.14	0.36	13.69	13.67	28.98	20.50	20.48	43.07	82.76	82.74	171.91
2040-03-30	1.03	1.01	2.50	0.49	0.47	1.16	0.10	0.08	0.17	0.57	0.57	1.43	0.46	0.45	1.14	0.14	0.13	0.34	13.79	13.78	29.60	20.60	20.58	43.68	82.86	82.84	172.53
2040-03-31	1.01	0.99	2.62	0.49	0.46	1.20	0.10	0.07	0.15	0.56	0.56	1.51	0.45	0.45	1.21	0.13	0.13	0.36	14.16	14.13	30.35	20.97	20.94	44.44	83.23	83.20	173.28
2040-04-01	1.00	0.98	2.88	0.48	0.46	1.32	0.10	0.08	0.17	0.56	0.55	1.66	0.44	0.44	1.32	0.13	0.13	0.39	14.66	14.62	33.81	21.46	21.43	49.09	83.72	83.69	188.81
2040-04-02	0.98	0.96	2.90	0.47	0.45	1.36	0.09	0.07	0.22	0.55	0.55	1.65	0.44	0.43	1.31	0.13	0.13	0.39	14.78	14.75	35.29	21.59	21.56	50.57	83.84	83.82	190.29
2040-04-03	0.97	0.95	2.85	0.46	0.45	1.33	0.09	0.07	0.21	0.54	0.54	1.63	0.43	0.43	1.29	0.13	0.13	0.39	15.09	15.04	36.78	21.90	21.85	52.05	84.16	84.11	191.78
2040-04-04	0.96	0.94	2.65	0.46	0.44	1.13	0.09	0.07	0.00	0.53	0.53	1.63	0.42	0.42	1.30	0.13	0.13	0.38	16.07	15.97	39.15	22.87	22.78	54.42	85.13	85.04	194.15
2040-04-05	0.97	0.96	2.86	0.47	0.45	1.27	0.09	0.08	0.10	0.54	0.54	1.70	0.43	0.43	1.35	0.13	0.13	0.40	16.79	16.68	40.59	23.60	23.49	55.87	85.86	85.74	195.59
2040-04-06	1.27	1.24	3.11	0.61	0.58	1.40	0.12	0.10	0.14	0.71	0.71	1.83	0.56	0.57	1.46	0.17	0.17	0.43	16.75	16.68	42.36	23.56	23.48	57.64	85.81	85.74	197.36
2040-04-07	1.51	1.49	3.32	0.72	0.71	1.52	0.14	0.13	0.19	0.84	0.85	1.93	0.67	0.68	1.53	0.20	0.21	0.46	16.21	16.11	37.91	23.02	22.92	53.19	85.28	85.18	192.91
2040-04-08	1.22	1.23	3.29	0.58	0.60	1.51	0.12	0.13	0.20	0.68	0.69	1.90	0.54	0.55	1.51	0.16	0.17	0.45	15.86	15.76	35.95	22.67	22.57	51.22	84.92	84.83	190.95
2040-04-09	1.17	1.15	2.92	0.56	0.54	1.24	0.11	0.09	0.00	0.65	0.65	1.80	0.52	0.52	1.43	0.15	0.15	0.42	15.64	15.55	35.67	22.45	22.36	50.95	84.71	84.61	190.68
2040-04-10	1.14	1.12	2.90	0.55	0.52	1.32	0.11	0.08	0.16	0.64	0.64	1.69	0.51	0.51	1.35	0.15	0.15	0.40	15.45	15.37	35.69	22.26	22.17	50.97	84.51	84.43	190.69
2040-04-11	1.12	1.09	2.72	0.54	0.51	1.26	0.11	0.08	0.18	0.62	0.62	1.57	0.50	0.49	1.25	0.15	0.15	0.37	15.21	15.14	35.23	22.02	21.95	50.51	84.28	84.21	190.23
2040-04-12	1.12	1.09	2.83	0.54	0.51	1.30	0.11	0.08	0.16	0.63	0.62	1.64	0.50	0.50	1.31	0.15	0.15	0.39	15.01	14.94	35.87	21.82	21.75	51.14	84.08	84.01	190.87
2040-04-13	1.12	1.10	2.98	0.54	0.52	1.37	0.11	0.09	0.18	0.63	0.63	1.73	0.50	0.50	1.38	0.15	0.15	0.41	14.84	14.77	35.75	21.64	21.58	51.02	83.90	83.83	190.75
2040-04-14	1.11	1.09	2.94	0.53	0.51	1.35	0.11	0.09	0.18	0.62	0.62	1.70	0.49	0.49	1.35	0.15	0.15	0.40	14.68	14.62	34.34	21.49	21.42	49.62	83.75	83.68	189.34
2040-04-15	1.18	1.16	3.05	0.57	0.55	1.40	0.11	0.09	0.18	0.66	0.66	1.77	0.53	0.53	1.41	0.16	0.16	0.42	33.10	33.04	74.91	45.45	45.39	102.64	195.76	195.70	439.98
2040-04-16	1.54	1.51	3.09	0.74	0.71	1.42	0.15	0.12	0.18	0.86	0.87	1.79	0.69	0.70	1.43	0.20	0.21	0.42	32.98	32.92	73.87	45.34	45.28	101.59	195.65	195.59	438.93
2040-04-17	1.37	1.37	2.95	0.66	0.66	1.36	0.13	0.13	0.18	0.76	0.77	1.70	0.61	0.62	1.35	0.18	0.19	0.40	32.87	32.82	73.40	45.23	45.18	101.13	195.54	195.49	438.47
2040-04-18	1.32	1.30	2.71	0.63	0.62	1.25	0.13	0.11	0.18	0.74	0.74	1.56	0.59	0.59	1.24	0.17	0.18	0.37	33.00	32.94	73.55	45.35	45.29	101.28	195.66	195.60	438.62
2040-04-19	1.34	1.31	2.53	0.64	0.62	1.17	0.13	0.10	0.16	0.75	0.75	1.45	0.59	0.60	1.16	0.18	0.18	0.34	33.78	33.72	74.99	46.14	46.07	102.71	196.45	196.38	440.05
2040-04-20	1.43	1.42	2.36	0.68	0.67	1.09	0.14	0.13	0.15	0.80	0.81	1.36	0.63	0.64	1.08	0.19	0.20	0.32	33.79	33.73	75.65	46.14	46.09	103.37	196.45	196.40	440.71
2040-04-21	1.69	1.66	2.19	0.81	0.78	1.01	0.16	0.14	0.14	0.94	0.95	1.26	0.75	0.76	1.00	0.22	0.24	0.30	33.46	33.39	74.54	45.81	45.75	102.27	196.12	196.06	439.61
2040-04-22	1.86	1.84	2.04	0.89	0.88	0.95	0.18	0.17	0.14	1.03	1.05	1.17	0.82	0.84	0.94	0.24	0.26	0.28	33.30	33.23	73.83	45.65	45.58	101.55	195.96	195.89	438.90
2040-04-23	1.91	1.88	1.92	0.92	0.89	0.89	0.18	0.15	0.13	1.06	1.07	1.10	0.85	0.86	0.88	0.25	0.26	0.26	33.15	33.09	73.35	45.51	45.45	101.07	195.82	195.76	438.41
2040-04-24	2.34	2.30	1.81	1.12	1.08	0.84	0.22	0.18	0.12	1.31	1.33	1.04	1.04	1.06	0.83	0.31	0.33	0.25	33.21	33.15	73.10	45.56	45.50	100.83	195.87	195.81	438.17
2040-04-25	2.99	3.21	1.93	1.44	1.65	0.89	0.29	0.50	0.12	1.67	1.70	1.12	1.33	1.36	0.89	0.39	0.43	0.26	33.58	33.54	73.00	45.93	45.89	100.73	196.24	196.20	438.07
2040-04-26	3.08	2.78	2.06	1.48	1.18	0.95	0.29	0.00	0.13	1.72	1.69	1.19	1.37	1.34	0.95	0.41	0.38	0.28	34.37	34.31	72.93	46.73	46.67	100.66	197.04	196.98	438.00
2040-04-27	2.68	2.54	1.93	1.29	1.14	0.90	0.26	0.11	0.13	1.50	1.49	1.11	1.19	1.19	0.88	0.35	0.35	0.26	35.18	35.10	73.13	47.54	47.45	100.85	197.85	197.76	438.20
2040-04-28	2.47	2.38	1.82	1.18	1.10	0.85	0.24	0.15	0.12	1.38	1.37	1.05	1.10	1.09	0.83	0.32	0.32	0.25	35.17	35.11	73.18	47.53	47.47	100.90	197.84	197.78	438.24
2040-04-29	2.28	2.21	1.73	1.10	1.02	0.80	0.22	0.14	0.12	1.27	1.27	0.99	1.01	1.01	0.79	0.30	0.30	0.23	34.70	34.60	72.80	47.05	46.96	100.53	197.36	197.27	437.87
2040-04-30	2.13	2.07	1.64	1.02	0.96	0.76	0.20	0.15	0.11	1.19	1.19	0.94	0.95	0.95	0.75	0.28	0.28	0.22	34.35	34.26	72.42	46.71	46.61	100.15	197.02	196.92	437.49
2040-05-01	2.01	1.82	1.57	0.97	0.77	0.73	0.19	0.00	0.11	1.12	1.12	0.90	0.89	0.89	0.72	0.27	0.26	0.21	34.24	34.14	72.91	46.					

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2040-05-30	1.84	1.78	1.32	0.88	0.82	0.61	0.18	0.12	0.09	1.02	1.02	0.75	0.82	0.81	0.60	0.24	0.24	0.17	114.40	114.23	72.63	147.28	147.11	93.18	728.23	728.07	456.28
2040-05-31	2.10	2.01	1.51	1.01	0.92	0.70	0.20	0.12	0.09	1.17	1.16	0.87	0.93	0.92	0.69	0.28	0.27	0.20	114.57	114.41	72.83	147.45	147.29	93.38	728.41	728.25	456.48
2040-06-01	3.50	3.30	2.55	1.68	1.48	1.15	0.34	0.14	0.11	1.95	1.94	1.50	1.55	1.55	1.19	0.46	0.46	0.35	114.01	113.89	85.77	146.89	146.77	110.34	727.85	727.72	544.49
2040-06-02	3.83	3.67	2.21	1.84	1.68	1.03	0.37	0.21	0.16	2.14	2.13	1.25	1.70	1.69	1.00	0.50	0.50	0.29	113.56	113.45	85.42	146.44	146.33	110.00	727.40	727.28	544.15
2040-06-03	3.25	3.16	1.99	1.56	1.47	0.93	0.31	0.22	0.14	1.82	1.81	1.13	1.45	1.44	0.90	0.43	0.42	0.26	113.19	113.09	85.13	146.07	145.96	109.70	727.02	726.92	543.85
2040-06-04	5.68	5.32	3.08	2.73	2.36	1.38	0.54	0.18	0.12	3.17	3.16	1.81	2.52	2.51	1.44	0.75	0.74	0.42	112.88	112.78	84.89	145.75	145.66	109.46	726.71	726.62	543.61
2040-06-05	16.34	16.02	8.83	7.85	7.52	4.19	1.57	1.24	0.77	9.12	9.11	4.96	7.26	7.25	3.95	2.15	2.14	1.17	112.61	112.53	84.68	145.49	145.40	109.25	726.45	726.36	543.40
2040-06-06	17.35	17.67	13.34	8.33	8.65	6.31	1.66	1.99	1.12	9.68	9.67	7.52	7.70	7.71	5.99	2.29	2.30	1.77	112.39	112.31	84.49	145.27	145.18	109.06	726.23	726.14	543.21
2040-06-07	11.01	11.92	12.54	5.29	6.19	6.22	1.06	1.96	1.55	6.14	6.12	6.76	4.89	4.88	5.39	1.45	1.44	1.60	112.20	112.12	84.33	145.07	145.00	108.90	726.03	725.96	543.05
2040-06-08	8.76	8.25	8.38	4.20	3.70	3.92	0.84	0.33	0.62	4.89	4.87	4.78	3.89	3.88	3.80	1.15	1.15	1.13	112.03	111.96	84.20	144.91	144.83	108.77	725.86	725.79	542.92
2040-06-09	7.12	6.67	6.59	3.42	2.96	3.06	0.68	0.23	0.45	3.97	3.96	3.78	3.16	3.15	3.01	0.94	0.93	0.89	111.88	111.81	84.07	144.76	144.69	108.64	725.72	725.65	542.79
2040-06-10	5.86	5.68	5.41	2.81	2.63	2.50	0.56	0.38	0.36	3.27	3.26	3.11	2.60	2.59	2.47	0.77	0.77	0.73	111.77	111.70	83.96	144.65	144.58	108.53	725.61	725.54	542.68
2040-06-11	5.28	5.09	4.63	2.54	2.34	2.14	0.51	0.31	0.30	2.95	2.94	2.66	2.35	2.34	2.12	0.70	0.69	0.62	111.67	111.61	83.87	144.55	144.49	108.44	725.50	725.45	542.59
2040-06-12	4.80	4.63	4.04	2.31	2.13	1.87	0.46	0.29	0.26	2.68	2.67	2.32	2.13	2.13	1.85	0.63	0.63	0.54	111.58	111.52	83.78	144.46	144.40	108.35	725.41	725.35	542.50
2040-06-13	4.50	4.33	3.62	2.16	1.99	1.67	0.43	0.26	0.23	2.51	2.50	2.08	2.00	1.99	1.66	0.59	0.59	0.49	111.49	111.44	83.71	144.37	144.32	108.28	725.33	725.28	542.43
2040-06-14	4.30	4.14	3.29	2.06	1.90	1.52	0.41	0.25	0.21	2.40	2.39	1.89	1.91	1.90	1.50	0.57	0.56	0.44	111.41	111.36	83.64	144.29	144.23	108.21	725.24	725.19	542.36
2040-06-15	3.83	3.70	2.96	1.84	1.71	1.37	0.37	0.24	0.19	2.14	2.13	1.70	1.70	1.69	1.35	0.50	0.50	0.40	152.22	152.17	114.13	187.18	187.13	140.26	1003.04	1002.99	749.95
2040-06-16	6.98	6.53	4.26	3.35	2.90	1.91	0.67	0.21	0.17	3.90	3.88	2.51	3.10	3.09	2.00	0.92	0.91	0.59	152.15	152.10	114.07	187.11	187.06	140.20	1002.97	1002.92	749.89
2040-06-17	11.84	11.50	6.96	5.68	5.35	3.20	1.13	0.80	0.42	6.60	6.59	4.02	5.26	5.25	3.20	1.56	1.56	0.95	152.09	152.04	114.02	187.05	187.00	140.15	1002.91	1002.86	749.84
2040-06-18	7.45	7.34	4.86	3.58	3.47	2.28	0.71	0.61	0.38	4.16	4.15	2.76	3.31	3.30	2.19	0.98	0.98	0.65	174.76	173.27	127.31	209.72	208.23	153.43	1025.58	1024.09	763.13
2040-06-19	6.04	5.85	4.12	2.90	2.71	1.90	0.58	0.39	0.27	3.37	3.36	2.37	2.68	2.67	1.88	0.80	0.79	0.55	230.53	228.36	160.04	265.49	263.32	186.17	1081.35	1079.18	795.86
2040-06-20	5.06	4.90	3.61	2.43	2.26	1.67	0.49	0.32	0.23	2.82	2.81	2.07	2.25	2.24	1.65	0.67	0.66	0.49	186.01	185.77	137.12	220.97	220.73	163.24	1036.83	1036.59	772.94
2040-06-21	4.34	4.20	3.21	2.08	1.94	1.48	0.42	0.27	0.20	2.42	2.41	1.84	1.93	1.92	1.47	0.57	0.57	0.43	172.50	173.07	130.06	207.46	208.03	156.19	1023.32	1023.89	765.88
2040-06-22	3.80	3.67	2.89	1.82	1.70	1.34	0.36	0.24	0.18	2.12	2.11	1.66	1.69	1.68	1.32	0.50	0.49	0.39	166.02	165.32	124.33	200.98	200.28	150.46	1016.84	1016.14	760.15
2040-06-23	3.37	3.26	2.63	1.62	1.51	1.22	0.32	0.21	0.17	1.88	1.87	1.51	1.50	1.49	1.20	0.44	0.44	0.35	163.86	163.32	122.77	198.82	198.28	148.90	1014.68	1014.14	758.59
2040-06-24	3.03	2.93	2.42	1.46	1.36	1.12	0.29	0.19	0.16	1.69	1.68	1.39	1.35	1.34	1.10	0.40	0.39	0.32	162.25	162.11	121.61	197.21	197.07	147.74	1013.07	1012.93	757.43
2040-06-25	2.76	2.66	2.24	1.32	1.23	1.03	0.26	0.17	0.15	1.54	1.53	1.28	1.22	1.22	1.02	0.36	0.36	0.30	159.87	159.64	119.97	194.83	194.60	146.10	1010.69	1010.46	755.79
2040-06-26	3.86	3.65	2.76	1.85	1.65	1.25	0.37	0.16	0.14	2.16	2.14	1.61	1.72	1.71	1.28	0.51	0.50	0.37	158.23	158.03	118.84	193.19	192.99	144.97	1009.05	1008.85	754.66
2040-06-27	7.64	7.22	4.60	3.67	3.25	2.07	0.73	0.31	0.20	4.26	4.25	2.70	3.39	3.38	2.15	1.01	1.00	0.64	157.04	156.86	117.99	192.00	191.82	144.11	1007.86	1007.68	753.80
2040-06-28	6.20	6.13	3.84	2.98	2.90	1.79	0.59	0.52	0.27	3.46	3.45	2.19	2.75	2.75	1.75	0.82	0.81	0.52	156.14	155.98	117.32	191.10	190.94	143.45	1006.96	1006.80	753.14
2040-06-29	5.43	5.24	3.41	2.61	2.42	1.58	0.52	0.33	0.22	3.03	3.02	1.96	2.41	2.40	1.56	0.72	0.71	0.46	155.44	155.30	116.79	190.40	190.26	142.92	1006.26	1006.12	752.61
2040-06-30	4.88	4.71	3.10	2.34	2.17	1.43	0.47	0.30	0.20	2.72	2.71	1.78	2.17	2.16	1.41	0.64	0.64	0.42	154.89	154.76	116.36	189.85	189.72	142.49	1005.71	1005.58	752.18
2040-07-01	5.15	4.92	3.39	2.47	2.24	1.54	0.49	0.26	0.18	2.87	2.86	1.97	2.29	2.28	1.57	0.68	0.67	0.46	154.44	154.33	116.16	189.40	189.29	142.55	1005.26	1005.15	751.61
2040-07-02	5.30	5.19	3.87	2.55	2.43	1.83	0.51	0.39	0.32	2.96	2.95	2.18	2.36	2.35	1.73	0.70	0.69	0.51	154.07	153.96	116.87	189.03	188.93	142.25	1004.89	1004.79	751.32
2040-07-03	4.52	4.37	3.29	2.17	2.02	1.52	0.43	0.28	0.22	2.52	2.51	1.89	2.01	2.00	1.50	0.60	0.59	0.44	153.76	153.66	116.62	188.72	188.62	142.00	1004.58	1004.48	750.97
2040-07-04	3.93	3.80	2.95	1.89	1.76	1.36	0.38	0.25	0.19	2.20	2.18	1.69	1.75	1.74	1.35	0.52	0.51	0.40	153.62	153.52	116.48	188.58	188.48	141.79	1004.44	1004.34	750.93
2040-07-05	3.85	3.70	2.93	1.85	1.70	1.34	0.37	0.22	0.17	2.15	2.14	1.69	1.71	1.70	1.35	0.51	0.50	0.39	153.49	153.40	116.36	188.45	188.36	141.74	1004.31	1004.22	750.80
2040-07-06	3.75	3.61	2.92	1.80	1.66	1.34	0.36	0.22	0.18	2.09	2.08	1.68	1.67	1.66	1.34	0.49	0.49	0.39	153.27	153.19	116.18	188.23	188.15	141.75	1004.09	1004.01	750.62
2040-07-07	3.34	3.23	2.66	1.60	1.49	1.23	0.32	0.21	0.17	1.86	1.85	1.52	1.48	1.47	1.21	0.44	0.43	0.36	154.45	154.28	117.31	189.41	189.24	141.69	1005.27	1005.10	750.76
2040-07-08	3.00	2.90	2.44	1.44	1.34	1.13	0.29	0.19	0.16	1.68	1.67	1.40	1.33	1.33	1.11	0.40	0.39	0.33	157.07	156.83	119.85	192.03	191.79	141.24	1007.89	1007.65	752.30
2040-07-09	2.73	2.64	2.26	1.31	1.22	1.05	0.26	0.17	0.15	1.52	1.52	1.29	1.21	1.21	1.03	0.36	0.35	0.30	154.97	154.89	117.88	189.93	189.85	141.26	1005.79	1005.71	750.33
2040-07-10	2.51	2.43	2.10	1.20	1.12	0.97	0.24	0.16	0.14	1.40	1.39	1.20	1.11	1.11	0.96	0.33	0.										

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2040-08-09	2.42	2.28	1.93	1.16	1.02	0.87	0.23	0.09	0.09	1.35	1.34	1.13	1.08	1.07	0.90	0.32	0.31	0.26	65.27	65.18	60.35	85.64	85.55	79.22	510.84	510.75	473.21
2040-08-10	3.10	2.96	2.43	1.49	1.35	1.11	0.30	0.16	0.13	1.73	1.72	1.41	1.38	1.37	1.12	0.41	0.40	0.33	65.02	64.94	60.15	85.39	85.31	79.02	510.59	510.51	473.01
2040-08-11	2.99	2.89	2.28	1.44	1.34	1.06	0.29	0.19	0.16	1.67	1.66	1.30	1.33	1.32	1.03	0.39	0.39	0.30	64.81	64.73	59.97	85.17	85.09	78.85	510.38	510.30	472.84
2040-08-12	2.50	2.44	1.93	1.20	1.14	0.90	0.24	0.18	0.14	1.40	1.39	1.10	1.11	1.10	0.87	0.33	0.32	0.25	64.62	64.55	59.82	84.99	84.91	78.69	510.19	510.12	472.69
2040-08-13	2.31	2.24	1.81	1.11	1.04	0.84	0.22	0.15	0.12	1.29	1.28	1.03	1.03	1.02	0.82	0.30	0.30	0.24	64.46	64.39	59.69	84.83	84.76	78.56	510.03	509.96	472.55
2040-08-14	2.15	2.09	1.71	1.03	0.97	0.79	0.21	0.14	0.12	1.20	1.19	0.98	0.96	0.95	0.78	0.28	0.28	0.23	64.32	64.25	59.57	84.68	84.62	78.44	509.89	509.82	472.44
2040-08-15	2.02	1.96	1.63	0.97	0.91	0.76	0.19	0.13	0.11	1.13	1.12	0.93	0.90	0.89	0.74	0.27	0.26	0.21	29.95	29.88	27.73	40.81	40.75	37.80	225.66	225.60	209.09
2040-08-16	3.70	3.47	2.77	1.77	1.54	1.24	0.35	0.12	0.11	2.06	2.05	1.63	1.64	1.63	1.30	0.49	0.48	0.38	29.84	29.78	27.64	40.70	40.64	37.71	225.55	225.49	208.99
2040-08-17	6.63	6.40	5.02	3.18	2.95	2.31	0.64	0.41	0.30	3.70	3.69	2.90	2.94	2.94	2.31	0.87	0.87	0.68	29.74	29.68	27.56	40.60	40.55	37.63	225.45	225.40	208.91
2040-08-18	4.16	4.11	3.22	2.00	1.95	1.53	0.40	0.35	0.28	2.32	2.31	1.80	1.85	1.84	1.43	0.55	0.54	0.42	29.65	29.59	27.48	40.51	40.46	37.55	225.36	225.31	208.83
2040-08-19	3.65	3.53	2.83	1.75	1.63	1.31	0.35	0.23	0.18	2.04	2.03	1.63	1.62	1.61	1.29	0.48	0.48	0.38	29.57	29.52	27.42	40.43	40.38	37.48	225.28	225.23	208.77
2040-08-20	3.26	3.15	2.58	1.56	1.46	1.19	0.31	0.20	0.17	1.82	1.81	1.48	1.45	1.44	1.18	0.43	0.42	0.35	29.50	29.45	27.35	40.36	40.31	37.42	225.21	225.16	208.71
2040-08-21	2.94	2.84	2.38	1.41	1.31	1.10	0.28	0.18	0.15	1.64	1.63	1.36	1.31	1.30	1.08	0.39	0.38	0.32	29.43	29.38	27.30	40.30	40.25	37.37	225.15	225.10	208.65
2040-08-22	3.36	3.21	2.64	1.62	1.46	1.20	0.32	0.17	0.14	1.88	1.87	1.53	1.49	1.49	1.22	0.44	0.44	0.36	29.37	29.33	27.25	40.24	40.19	37.31	225.09	225.04	208.60
2040-08-23	3.96	3.78	3.03	1.90	1.72	1.39	0.38	0.20	0.17	2.21	2.20	1.76	1.76	1.75	1.40	0.52	0.52	0.41	29.44	29.39	27.28	40.31	40.25	37.35	225.16	225.11	208.63
2040-08-24	3.32	3.22	2.66	1.59	1.50	1.23	0.32	0.22	0.18	1.85	1.84	1.52	1.47	1.47	1.21	0.44	0.43	0.36	30.20	30.11	27.70	41.07	40.97	37.77	225.92	225.82	209.05
2040-08-25	2.99	2.89	2.44	1.43	1.34	1.13	0.29	0.19	0.16	1.67	1.66	1.39	1.33	1.32	1.11	0.39	0.39	0.33	30.47	30.38	27.94	41.33	41.25	38.01	226.18	226.10	209.29
2040-08-26	2.72	2.63	2.25	1.31	1.22	1.04	0.26	0.17	0.15	1.52	1.51	1.29	1.21	1.20	1.03	0.36	0.35	0.30	29.91	29.86	27.59	40.78	40.73	37.66	225.63	225.58	208.94
2040-08-27	2.50	2.42	2.10	1.20	1.12	0.97	0.24	0.16	0.14	1.39	1.38	1.20	1.11	1.10	0.95	0.33	0.32	0.28	29.80	29.75	27.50	40.67	40.61	37.57	225.52	225.46	208.85
2040-08-28	2.31	2.24	1.97	1.11	1.04	0.91	0.22	0.15	0.13	1.29	1.28	1.12	1.03	1.02	0.89	0.30	0.30	0.26	29.71	29.65	27.43	40.57	40.52	37.50	225.42	225.37	208.78
2040-08-29	2.15	2.08	1.85	1.03	0.97	0.86	0.21	0.14	0.12	1.20	1.19	1.06	0.96	0.95	0.84	0.28	0.28	0.24	29.62	29.57	27.37	40.49	40.44	37.44	225.34	225.29	208.72
2040-08-30	2.02	1.95	1.75	0.97	0.91	0.81	0.19	0.13	0.12	1.13	1.12	1.00	0.90	0.89	0.79	0.27	0.26	0.23	29.55	29.50	27.31	40.41	40.36	37.38	225.26	225.21	208.66
2040-08-31	1.90	1.84	1.66	0.91	0.85	0.77	0.18	0.12	0.11	1.06	1.05	0.95	0.84	0.84	0.75	0.25	0.24	0.22	29.48	29.43	27.26	40.34	40.29	37.33	225.19	225.14	208.61
2040-09-01	1.80	1.74	1.59	0.86	0.81	0.74	0.17	0.12	0.11	1.00	0.99	0.90	0.80	0.79	0.72	0.24	0.23	0.21	29.41	29.36	27.19	40.28	40.23	37.31	225.13	225.08	208.59
2040-09-02	1.71	1.66	1.52	0.82	0.77	0.71	0.16	0.11	0.11	0.95	0.94	0.86	0.76	0.75	0.69	0.22	0.22	0.20	29.35	29.31	27.13	40.22	40.17	37.28	225.07	225.02	208.57
2040-09-03	1.63	1.58	1.46	0.78	0.73	0.68	0.16	0.11	0.10	0.91	0.90	0.83	0.72	0.72	0.66	0.21	0.21	0.19	29.30	29.26	27.07	40.17	40.12	37.25	225.02	224.97	208.54
2040-09-04	1.56	1.51	1.40	0.75	0.70	0.65	0.15	0.11	0.10	0.87	0.86	0.80	0.69	0.68	0.63	0.21	0.20	0.18	29.25	29.21	27.00	40.12	40.08	37.22	224.97	224.93	208.51
2040-09-05	1.50	1.45	1.36	0.72	0.68	0.63	0.14	0.10	0.10	0.83	0.83	0.77	0.66	0.66	0.61	0.20	0.19	0.18	29.34	29.29	27.00	40.20	40.16	37.22	225.06	225.01	208.50
2040-09-06	1.44	1.40	1.31	0.69	0.65	0.61	0.14	0.10	0.09	0.80	0.79	0.74	0.64	0.63	0.59	0.19	0.18	0.17	32.22	32.00	33.64	43.09	42.86	45.11	227.94	227.71	240.28
2040-09-07	1.39	1.35	1.27	0.67	0.63	0.59	0.13	0.10	0.09	0.77	0.77	0.72	0.62	0.61	0.57	0.18	0.18	0.17	35.80	35.57	37.48	46.67	46.43	48.95	231.52	231.28	244.11
2040-09-08	2.29	2.17	2.18	1.10	0.97	0.98	0.22	0.09	0.09	1.28	1.27	1.28	1.02	1.01	1.02	0.30	0.30	0.30	32.51	32.47	34.09	43.37	43.33	45.56	228.22	228.18	240.73
2040-09-09	6.59	6.15	10.44	3.16	2.73	4.56	0.63	0.20	0.21	3.68	3.66	6.29	2.93	2.92	5.01	0.87	0.86	1.48	32.00	31.89	33.49	42.87	42.75	44.96	227.72	227.60	240.12
2040-09-10	7.47	7.27	19.22	3.58	3.39	9.31	0.72	0.52	1.99	4.17	4.16	10.64	3.32	3.32	8.48	0.98	0.99	2.54	31.60	31.49	33.07	42.46	42.35	44.55	227.31	227.20	239.71
2040-09-11	4.92	4.84	11.35	2.36	2.28	5.97	0.47	0.39	1.99	2.75	2.74	5.78	2.19	2.18	4.60	0.65	0.64	1.37	31.26	31.16	32.73	42.12	42.02	44.21	226.97	226.87	239.37
2040-09-12	4.34	3.93	7.27	2.08	1.67	3.09	0.42	0.00	0.00	2.42	2.41	4.47	1.93	1.92	3.56	0.57	0.56	1.05	30.97	30.88	32.45	41.84	41.74	43.92	226.69	226.60	239.09
2040-09-13	5.06	4.57	7.86	2.43	1.94	3.56	0.48	0.00	0.38	2.82	2.81	4.60	2.25	2.23	3.66	0.67	0.66	1.08	30.73	30.64	32.21	41.59	41.51	43.68	226.44	226.36	238.84
2040-09-14	6.99	7.02	9.53	3.35	3.38	4.54	0.67	0.70	0.86	3.90	3.88	5.33	3.10	3.09	4.25	0.92	0.91	1.26	30.52	30.44	32.00	41.38	41.31	43.47	226.24	226.16	238.64
2040-09-15	6.26	6.19	8.18	3.01	2.93	3.85	0.60	0.53	0.65	3.49	3.48	4.64	2.78	2.77	3.69	0.83	0.82	1.09	20.31	20.24	21.23	29.11	29.04	30.53	159.12	159.04	167.78
2040-09-16	5.62	5.41	6.63	2.70	2.49	3.07	0.54	0.33	0.43	3.13	3.12	3.81	2.49	2.48	3.03	0.74	0.73	0.90	20.72	20.62	21.65	29.53	29.42	30.95	159.53	159.42	168.20
2040-09-17	5.02	4.84	5.57	2.41	2.23	2.57	0.48	0.30	0.36	2.80	2.78	3.20	2.23	2.22	2.55	0.66	0.65	0.75	22.97	22.74	24.01	31.77	31.55	33.31	161.77	161.55	170.56
2040-09-18	4.56	4.39	4.72	2.19	2.02	2.18	0.44	0.27	0.31	2.54	2.53	2.71	2.02	2.02	2.16	0.60	0.59	0.64	22.82	22.67	23.96	31.62	31.48	33.26	161.62	161.48	170.52
2040-09-19	4.28	4.11	4.07	2.05	1.89	1.88	0.41	0.25	0.26	2.39	2.37	2.34	1.90	1.89	1.86	0.56	0.56	0.55	21.91	21.81	22.98	30.71	30.61	32.28	160.71	160.61	169.53
2040-09-20	3.86	3.73	3.58	1.85	1.72	1.65	0.37	0.24	0.23	2.15	2.14	2.05	1.72	1.71	1.63	0.51	0.50	0.									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2040-10-19	6.64	6.41	7.05	3.19	2.95	3.25	0.64	0.40	0.44	3.70	3.69	4.06	2.95	2.94	3.24	0.87	0.87	0.96	19.40	19.30	20.54	27.32	27.21	28.99	136.38	136.27	145.46
2040-10-20	5.65	5.10	5.55	2.71	2.17	2.36	0.54	0.00	0.00	3.15	3.13	3.41	2.51	2.49	2.71	0.74	0.73	0.80	19.30	19.23	20.51	27.21	27.15	28.96	136.27	136.21	145.43
2040-10-21	4.77	4.32	4.64	2.29	1.83	1.97	0.46	0.00	0.00	2.66	2.65	2.85	2.12	2.11	2.26	0.63	0.62	0.67	19.20	19.15	20.40	27.12	27.06	28.86	136.18	136.12	145.32
2040-10-22	4.13	3.74	3.98	1.98	1.59	1.69	0.40	0.00	0.00	2.31	2.29	2.44	1.84	1.82	1.94	0.54	0.54	0.57	19.12	19.06	20.31	27.03	26.98	28.76	136.09	136.04	145.23
2040-10-23	3.70	3.35	3.51	1.78	1.42	1.49	0.35	0.00	0.00	2.06	2.05	2.16	1.64	1.63	1.71	0.49	0.48	0.50	19.04	18.99	20.22	26.96	26.91	28.68	136.02	135.97	145.14
2040-10-24	3.42	3.09	3.19	1.64	1.31	1.35	0.33	0.00	0.00	1.91	1.89	1.95	1.52	1.51	1.55	0.45	0.44	0.46	18.97	18.92	20.15	26.89	26.84	28.60	135.95	135.90	145.07
2040-10-25	3.14	2.90	3.04	1.51	1.26	1.37	0.30	0.05	0.14	1.75	1.74	1.78	1.40	1.39	1.42	0.41	0.41	0.41	18.98	18.93	20.17	26.89	26.84	28.62	135.95	135.90	145.09
2040-10-26	2.86	2.76	2.82	1.37	1.28	1.30	0.27	0.18	0.18	1.59	1.58	1.61	1.27	1.26	1.28	0.38	0.37	0.38	18.98	18.93	20.19	26.89	26.85	28.65	135.95	135.91	145.11
2040-10-27	2.62	2.53	2.58	1.26	1.17	1.20	0.25	0.17	0.17	1.46	1.45	1.48	1.16	1.15	1.18	0.34	0.34	0.35	18.91	18.86	20.12	26.83	26.78	28.57	135.89	135.84	145.04
2040-10-28	2.42	2.34	2.39	1.16	1.08	1.11	0.23	0.15	0.16	1.35	1.34	1.37	1.07	1.06	1.09	0.32	0.31	0.32	18.85	18.79	20.03	26.77	26.71	28.49	135.83	135.77	144.95
2040-10-29	2.27	2.20	2.11	1.09	1.02	0.90	0.22	0.14	0.00	1.27	1.26	1.29	1.01	1.00	1.03	0.30	0.29	0.30	18.80	18.74	19.98	26.72	26.66	28.43	135.78	135.72	144.90
2040-10-30	2.21	2.00	2.12	1.06	0.85	0.90	0.21	0.00	0.00	1.24	1.23	1.30	0.98	0.97	1.03	0.29	0.28	0.30	18.75	18.70	19.93	26.67	26.61	28.38	135.73	135.67	144.85
2040-10-31	2.13	2.06	2.07	1.02	0.96	0.88	0.20	0.14	0.00	1.19	1.18	1.27	0.94	0.94	1.01	0.28	0.27	0.30	18.71	18.68	19.91	26.63	26.60	28.37	135.69	135.66	144.83
2040-11-01	2.00	1.95	2.04	0.96	0.91	0.92	0.19	0.15	0.10	1.11	1.11	1.19	0.89	0.88	0.94	0.26	0.26	0.28	18.67	18.62	19.16	26.58	26.54	27.30	135.64	135.60	139.38
2040-11-02	1.88	1.82	1.94	0.90	0.84	0.90	0.18	0.12	0.13	1.05	1.05	1.11	0.84	0.83	0.89	0.25	0.25	0.26	18.63	18.59	19.13	26.55	26.51	27.26	135.61	135.57	139.34
2040-11-03	1.78	1.72	1.82	0.85	0.79	0.84	0.17	0.11	0.11	0.99	0.99	1.05	0.79	0.79	0.83	0.23	0.23	0.25	18.60	18.55	19.07	26.51	26.46	27.21	135.57	135.52	139.29
2040-11-04	1.69	1.64	1.73	0.81	0.76	0.80	0.16	0.11	0.11	0.94	0.94	0.99	0.75	0.75	0.79	0.22	0.22	0.23	18.56	18.52	19.04	26.48	26.43	27.18	135.54	135.49	139.26
2040-11-05	1.62	1.56	1.64	0.78	0.72	0.76	0.15	0.10	0.11	0.90	0.90	0.94	0.72	0.71	0.75	0.21	0.21	0.22	18.53	18.49	19.00	26.45	26.40	27.14	135.51	135.46	139.22
2040-11-06	1.55	1.50	1.57	0.74	0.69	0.73	0.15	0.10	0.10	0.86	0.86	0.90	0.69	0.68	0.72	0.20	0.20	0.21	18.50	18.47	18.98	26.42	26.39	27.12	135.48	135.45	139.20
2040-11-07	1.48	1.43	1.49	0.71	0.66	0.69	0.14	0.09	0.09	0.83	0.82	0.86	0.66	0.65	0.68	0.20	0.19	0.20	18.48	18.44	18.95	26.39	26.36	27.09	135.45	135.42	139.17
2040-11-08	1.43	1.38	1.44	0.69	0.64	0.66	0.14	0.09	0.09	0.80	0.79	0.83	0.63	0.63	0.66	0.19	0.18	0.19	18.45	18.42	18.93	26.37	26.34	27.07	135.43	135.40	139.15
2040-11-09	1.40	1.36	1.42	0.67	0.63	0.66	0.13	0.09	0.10	0.78	0.78	0.81	0.62	0.62	0.65	0.18	0.18	0.19	18.43	18.40	18.90	26.35	26.31	27.04	135.41	135.37	139.12
2040-11-10	1.41	1.39	1.46	0.68	0.65	0.69	0.14	0.11	0.12	0.79	0.79	0.84	0.63	0.63	0.67	0.19	0.19	0.20	18.41	18.37	18.88	26.33	26.29	27.01	135.39	135.35	139.09
2040-11-11	1.40	1.36	1.45	0.67	0.64	0.68	0.13	0.10	0.11	0.78	0.78	0.83	0.62	0.62	0.66	0.18	0.19	0.20	18.39	18.36	18.86	26.31	26.27	27.00	135.37	135.33	139.08
2040-11-12	1.35	1.31	1.38	0.65	0.61	0.64	0.13	0.09	0.10	0.75	0.75	0.79	0.60	0.60	0.63	0.18	0.18	0.19	18.39	18.36	18.87	26.30	26.28	27.00	135.36	135.34	139.08
2040-11-13	1.31	1.27	1.33	0.63	0.59	0.62	0.13	0.09	0.09	0.73	0.73	0.76	0.58	0.58	0.61	0.17	0.17	0.18	18.39	18.39	18.91	26.31	26.31	27.05	135.37	135.37	139.13
2040-11-14	1.27	1.23	1.29	0.61	0.57	0.60	0.12	0.08	0.09	0.71	0.70	0.74	0.56	0.56	0.59	0.17	0.16	0.17	18.38	18.37	18.89	26.30	26.29	27.03	135.36	135.35	139.11
2040-11-15	1.23	1.19	1.24	0.59	0.55	0.57	0.12	0.07	0.08	0.69	0.68	0.71	0.55	0.54	0.57	0.16	0.16	0.16	18.64	18.61	19.13	27.30	27.27	28.04	123.14	123.11	126.53
2040-11-16	1.20	1.17	1.22	0.58	0.54	0.57	0.12	0.08	0.08	0.67	0.67	0.70	0.53	0.53	0.55	0.16	0.16	0.16	18.62	18.59	19.11	27.28	27.25	28.01	123.12	123.09	126.51
2040-11-17	1.17	1.14	1.19	0.56	0.53	0.55	0.11	0.08	0.08	0.65	0.65	0.68	0.52	0.52	0.54	0.15	0.15	0.16	18.60	18.57	19.09	27.27	27.23	27.99	123.11	123.07	126.49
2040-11-18	1.15	1.12	1.16	0.55	0.52	0.54	0.11	0.08	0.09	0.64	0.64	0.66	0.51	0.51	0.53	0.15	0.15	0.16	18.59	18.56	19.08	27.25	27.22	27.98	123.09	123.07	126.48
2040-11-19	1.12	1.09	1.13	0.54	0.51	0.53	0.11	0.08	0.08	0.63	0.62	0.64	0.50	0.49	0.51	0.15	0.15	0.15	18.57	18.54	19.06	27.24	27.20	27.96	123.08	123.05	126.45
2040-11-20	1.10	1.07	1.11	0.53	0.50	0.52	0.11	0.08	0.08	0.61	0.61	0.63	0.49	0.49	0.50	0.14	0.14	0.15	18.56	18.52	19.03	27.22	27.18	27.93	123.06	123.02	126.42
2040-11-21	1.08	1.05	1.08	0.52	0.49	0.50	0.10	0.08	0.08	0.60	0.60	0.62	0.48	0.48	0.49	0.14	0.14	0.14	18.55	18.50	19.01	27.21	27.16	27.91	123.05	123.00	126.41
2040-11-22	1.06	1.03	1.06	0.51	0.48	0.49	0.10	0.07	0.08	0.59	0.59	0.60	0.47	0.47	0.48	0.14	0.14	0.14	18.54	18.49	19.00	27.20	27.15	27.90	123.04	123.00	126.40
2040-11-23	1.04	1.01	1.04	0.50	0.47	0.48	0.10	0.07	0.07	0.58	0.58	0.59	0.46	0.46	0.47	0.14	0.13	0.14	18.52	18.49	18.99	27.18	27.15	27.89	123.03	122.99	126.39
2040-11-24	1.02	0.99	1.02	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.56	0.58	0.45	0.45	0.46	0.13	0.13	0.13	18.51	18.48	18.98	27.17	27.14	27.88	123.02	122.98	126.38
2040-11-25	1.01	0.98	1.00	0.48	0.45	0.47	0.10	0.07	0.07	0.56	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	18.50	18.47	18.97	27.16	27.13	27.87	123.01	122.97	126.37
2040-11-26	0.99	0.97	0.99	0.48	0.45	0.46	0.09	0.07	0.07	0.55	0.55	0.56	0.44	0.44	0.45	0.13	0.13	0.13	18.49	18.46	18.96	27.15	27.12	27.87	123.00	122.97	126.36
2040-11-27	0.98	0.95	0.97	0.47	0.44	0.45	0.09	0.07	0.07	0.54	0.54	0.55	0.43	0.43	0.44	0.13	0.13	0.13	18.48	18.45	18.95	27.14	27.11	27.85	122.99	122.96	126.35
2040-11-28	0.96	0.94	0.96	0.46	0.43	0.44	0.09	0.06	0.07	0.54	0.53	0.54	0.43	0.42	0.43	0.13	0.12	0.13	18.47	18.44	18.94	27.14	27.10	27.84	122.98	122.94	126.34
2040-11-29	0.95	0.92	0.94	0.46	0.42	0.43	0.09	0.06	0.06	0.53	0.52	0.53	0.42	0.42	0.43	0.13	0.12	0.12	18.47	18.44	18.94	27.13	27.10	27.84	122.97	122.94	126.34
2040-11-30	0.94	0.90	0.92	0.45	0.42	0.42	0.09	0.06	0.06	0.52	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2040-12-29	0.91	0.89	0.93	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.51	0.53	0.40	0.40	0.42	0.12	0.12	0.12	13.10	13.07	13.13	19.21	19.19	19.29	81.06	81.04	81.49
2040-12-30	0.90	0.88	0.92	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.52	0.40	0.40	0.42	0.12	0.12	0.12	13.10	13.08	13.14	19.21	19.20	19.29	81.06	81.04	81.50
2040-12-31	0.89	0.87	0.91	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.52	0.40	0.39	0.41	0.12	0.12	0.12	13.10	13.08	13.14	19.22	19.20	19.30	81.06	81.05	81.50
2041-01-01	0.88	0.87	0.90	0.42	0.41	0.42	0.08	0.07	0.07	0.49	0.49	0.51	0.39	0.39	0.41	0.12	0.12	0.12	13.10	13.08	13.06	19.22	19.20	19.17	81.07	81.05	80.97
2041-01-02	0.88	0.86	0.89	0.42	0.40	0.42	0.08	0.07	0.07	0.49	0.49	0.51	0.39	0.39	0.40	0.12	0.11	0.12	13.10	13.08	13.06	19.22	19.19	19.17	81.07	81.04	80.96
2041-01-03	0.87	0.85	0.88	0.42	0.40	0.41	0.08	0.07	0.07	0.48	0.48	0.50	0.39	0.38	0.40	0.11	0.11	0.12	13.10	13.08	13.06	19.22	19.20	19.17	81.07	81.04	80.96
2041-01-04	0.87	0.85	0.88	0.42	0.40	0.41	0.08	0.07	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	13.10	13.08	13.06	19.22	19.20	19.17	81.07	81.04	80.97
2041-01-05	0.87	0.85	0.90	0.42	0.40	0.42	0.08	0.07	0.07	0.48	0.48	0.51	0.39	0.38	0.41	0.11	0.11	0.12	13.10	13.08	13.06	19.22	19.20	19.17	81.07	81.04	80.97
2041-01-06	0.87	0.85	0.90	0.42	0.40	0.42	0.08	0.07	0.07	0.48	0.48	0.51	0.38	0.38	0.41	0.11	0.11	0.12	13.11	13.08	13.07	19.22	19.20	19.18	81.07	81.05	80.97
2041-01-07	0.86	0.84	0.89	0.41	0.40	0.42	0.08	0.07	0.07	0.48	0.48	0.51	0.38	0.38	0.40	0.11	0.11	0.12	13.11	13.09	13.07	19.23	19.20	19.18	81.07	81.05	80.97
2041-01-08	0.85	0.84	0.88	0.41	0.39	0.42	0.08	0.07	0.07	0.48	0.47	0.50	0.38	0.38	0.40	0.11	0.11	0.12	13.21	13.18	13.20	19.33	19.30	19.31	81.17	81.15	81.10
2041-01-09	0.85	0.83	0.87	0.41	0.39	0.41	0.08	0.07	0.07	0.47	0.47	0.50	0.38	0.37	0.39	0.11	0.11	0.12	13.41	13.38	13.46	19.53	19.50	19.57	81.38	81.34	81.36
2041-01-10	0.84	0.83	0.87	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.47	0.49	0.37	0.37	0.39	0.11	0.11	0.12	13.30	13.28	13.33	19.42	19.40	19.44	81.26	81.24	81.23
2041-01-11	0.83	0.82	0.86	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.49	0.37	0.37	0.39	0.11	0.11	0.11	13.11	13.09	13.08	19.22	19.21	19.19	81.07	81.06	80.98
2041-01-12	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	13.09	13.06	13.06	19.21	19.18	19.17	81.06	81.03	80.96
2041-01-13	0.82	0.81	0.85	0.40	0.38	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.11	0.11	13.09	13.06	13.05	19.21	19.18	19.16	81.06	81.03	80.95
2041-01-14	0.82	0.81	0.84	0.39	0.38	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.36	0.36	0.38	0.11	0.11	0.11	13.09	13.06	13.04	19.21	19.18	19.16	81.06	81.03	80.95
2041-01-15	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.44	10.42	10.40	16.36	16.34	16.31	69.35	69.32	69.25
2041-01-16	0.81	0.79	0.82	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	10.45	10.42	10.40	16.36	16.34	16.32	69.35	69.33	69.26
2041-01-17	0.81	0.79	0.82	0.39	0.37	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.45	10.42	10.41	16.37	16.34	16.32	69.35	69.33	69.26
2041-01-18	0.80	0.79	0.82	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.11	10.45	10.43	10.41	16.37	16.35	16.32	69.35	69.33	69.26
2041-01-19	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.35	0.35	0.36	0.11	0.10	0.11	10.45	10.43	10.42	16.37	16.35	16.33	69.35	69.34	69.27
2041-01-20	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.46	0.35	0.35	0.36	0.10	0.10	0.11	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.26
2041-01-21	0.79	0.78	0.80	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.26
2041-01-22	0.79	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.45	10.43	10.41	16.37	16.35	16.32	69.36	69.33	69.26
2041-01-23	0.90	0.88	0.90	0.43	0.41	0.42	0.09	0.06	0.07	0.50	0.50	0.52	0.40	0.40	0.41	0.12	0.12	0.12	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.26
2041-01-24	1.03	1.00	1.07	0.49	0.47	0.50	0.10	0.07	0.07	0.57	0.57	0.61	0.46	0.46	0.49	0.14	0.14	0.14	10.46	10.43	10.42	16.38	16.35	16.33	69.36	69.34	69.27
2041-01-25	0.83	0.82	0.86	0.40	0.39	0.41	0.08	0.08	0.08	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.36	69.34	69.27
2041-01-26	0.82	0.80	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.36	69.34	69.28
2041-01-27	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.36	69.35	69.28
2041-01-28	0.81	0.79	0.83	0.39	0.37	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.37	69.35	69.28
2041-01-29	0.80	0.79	0.82	0.39	0.37	0.39	0.08	0.06	0.07	0.45	0.45	0.46	0.36	0.35	0.37	0.11	0.10	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.37	69.34	69.27
2041-01-30	0.80	0.79	0.82	0.38	0.37	0.38	0.08	0.06	0.07	0.45	0.44	0.46	0.35	0.35	0.37	0.11	0.10	0.11	10.46	10.44	10.42	16.38	16.35	16.33	69.37	69.34	69.27
2041-01-31	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.46	0.35	0.35	0.36	0.10	0.10	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.37	69.35	69.28
2041-02-01	0.79	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.44	0.46	0.35	0.35	0.36	0.10	0.10	0.11	10.46	10.45	10.42	16.38	16.36	16.33	69.37	69.35	69.23
2041-02-02	0.79	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.47	10.45	10.48	16.39	16.37	16.39	69.37	69.35	69.29
2041-02-03	0.79	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.47	10.45	10.55	16.39	16.37	16.46	69.37	69.36	69.36
2041-02-04	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.47	10.45	10.43	16.39	16.37	16.34	69.37	69.35	69.25
2041-02-05	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.47	10.45	10.42	16.39	16.37	16.33	69.37	69.36	69.23
2041-02-06	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.23
2041-02-07	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2041-02-08	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.07	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2041-02-09	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2041-03-10	0.82	0.80	0.98	0.39	0.38	0.46	0.08	0.06	0.07	0.46	0.46	0.56	0.36	0.36	0.44	0.11	0.11	0.13	10.74	10.71	22.96	15.62	15.59	33.74	65.72	65.69	144.30
2041-03-11	0.82	0.80	0.97	0.39	0.38	0.45	0.08	0.06	0.07	0.46	0.46	0.55	0.36	0.36	0.44	0.11	0.11	0.13	10.72	10.69	22.88	15.60	15.57	33.65	65.70	65.67	144.22
2041-03-12	0.82	0.80	0.95	0.39	0.38	0.45	0.08	0.06	0.07	0.46	0.46	0.54	0.37	0.36	0.43	0.11	0.11	0.13	10.70	10.67	22.95	15.58	15.55	33.73	65.68	65.65	144.29
2041-03-13	0.82	0.81	0.94	0.39	0.38	0.44	0.08	0.06	0.07	0.46	0.46	0.53	0.37	0.36	0.43	0.11	0.11	0.13	10.77	10.74	23.81	15.65	15.62	34.58	65.75	65.72	145.15
2041-03-14	0.82	0.81	0.93	0.40	0.38	0.44	0.08	0.06	0.07	0.46	0.46	0.53	0.37	0.36	0.42	0.11	0.11	0.12	11.90	11.82	26.23	16.78	16.71	37.01	66.88	66.81	147.57
2041-03-15	0.82	0.81	0.95	0.40	0.38	0.44	0.08	0.06	0.07	0.46	0.46	0.54	0.37	0.36	0.43	0.11	0.11	0.13	16.55	16.48	36.64	23.39	23.32	51.74	88.79	88.71	196.05
2041-03-16	0.82	0.81	1.14	0.40	0.38	0.54	0.08	0.07	0.09	0.46	0.46	0.66	0.37	0.36	0.52	0.11	0.11	0.16	15.66	15.67	36.61	22.50	22.51	51.71	87.90	87.91	196.02
2041-03-17	0.82	0.81	1.15	0.40	0.38	0.55	0.08	0.07	0.10	0.46	0.46	0.65	0.37	0.37	0.52	0.11	0.11	0.16	15.45	15.40	36.14	22.29	22.24	51.24	87.68	87.63	195.55
2041-03-18	0.83	0.81	1.07	0.40	0.38	0.51	0.08	0.07	0.10	0.46	0.46	0.60	0.37	0.37	0.48	0.11	0.11	0.15	15.36	15.31	35.16	22.20	22.15	50.25	87.59	87.54	194.56
2041-03-19	0.83	0.81	1.03	0.40	0.38	0.48	0.08	0.06	0.08	0.46	0.46	0.59	0.37	0.37	0.47	0.11	0.11	0.14	15.28	15.23	34.40	22.12	22.07	49.50	87.51	87.46	193.81
2041-03-20	0.83	0.81	1.03	0.40	0.38	0.48	0.08	0.06	0.08	0.46	0.46	0.59	0.37	0.37	0.47	0.11	0.11	0.14	15.20	15.15	34.01	22.04	22.00	49.11	87.44	87.39	193.42
2041-03-21	0.83	0.81	1.07	0.40	0.38	0.51	0.08	0.07	0.09	0.46	0.46	0.61	0.37	0.37	0.48	0.11	0.11	0.15	15.14	15.09	33.68	21.98	21.93	48.78	87.37	87.33	193.09
2041-03-22	0.83	0.81	1.26	0.40	0.38	0.59	0.08	0.07	0.09	0.46	0.46	0.72	0.37	0.37	0.58	0.11	0.11	0.17	15.08	15.03	33.24	21.92	21.88	48.33	87.31	87.27	192.64
2041-03-23	0.83	0.82	1.66	0.40	0.39	0.78	0.08	0.07	0.13	0.46	0.46	0.96	0.37	0.37	0.77	0.11	0.11	0.24	15.02	14.98	32.86	21.86	21.82	47.96	87.25	87.21	192.27
2041-03-24	0.83	0.81	1.63	0.40	0.38	0.76	0.08	0.07	0.12	0.46	0.46	0.94	0.37	0.37	0.75	0.11	0.11	0.22	14.97	14.93	32.55	21.81	21.77	47.64	87.20	87.16	191.96
2041-03-25	0.83	0.81	1.72	0.40	0.38	0.80	0.08	0.07	0.11	0.46	0.46	0.99	0.37	0.37	0.79	0.11	0.11	0.24	14.92	14.88	32.29	21.76	21.73	47.38	87.16	87.12	191.69
2041-03-26	0.83	0.82	1.74	0.40	0.38	0.82	0.08	0.07	0.14	0.46	0.46	1.00	0.37	0.37	0.80	0.11	0.11	0.24	14.88	14.84	32.06	21.72	21.69	47.16	87.11	87.08	191.47
2041-03-27	0.83	0.82	1.76	0.40	0.38	0.82	0.08	0.07	0.13	0.46	0.46	1.01	0.37	0.37	0.80	0.11	0.11	0.24	14.84	14.81	31.96	21.68	21.65	47.06	87.07	87.04	191.37
2041-03-28	0.85	0.84	1.89	0.41	0.39	0.87	0.08	0.07	0.12	0.48	0.47	1.09	0.38	0.38	0.87	0.11	0.11	0.26	14.82	14.79	32.21	21.66	21.63	47.30	87.05	87.02	191.62
2041-03-29	0.88	0.88	2.30	0.42	0.42	1.07	0.08	0.08	0.16	0.49	0.49	1.33	0.39	0.39	1.06	0.12	0.12	0.33	14.82	14.80	32.79	21.66	21.64	47.88	87.05	87.03	192.19
2041-03-30	0.83	0.82	2.33	0.40	0.39	1.09	0.08	0.07	0.17	0.46	0.46	1.34	0.37	0.37	1.07	0.11	0.11	0.32	14.85	14.83	33.22	21.69	21.67	48.32	87.08	87.06	192.63
2041-03-31	0.89	0.87	2.64	0.43	0.41	1.22	0.09	0.07	0.17	0.50	0.50	1.53	0.40	0.40	1.22	0.12	0.12	0.37	14.95	14.94	33.82	21.79	21.78	48.92	87.18	87.17	193.23
2041-04-01	1.03	1.02	3.67	0.49	0.48	1.68	0.10	0.09	0.21	0.57	0.58	2.15	0.46	0.46	1.71	0.14	0.14	0.52	15.32	15.29	35.82	22.16	22.13	51.34	87.55	87.52	199.75
2041-04-02	0.94	0.94	4.71	0.45	0.45	2.20	0.09	0.09	0.34	0.52	0.53	2.71	0.42	0.42	2.16	0.12	0.13	0.66	15.82	15.78	37.71	22.66	22.62	53.24	88.05	88.01	201.64
2041-04-03	0.92	0.91	5.62	0.44	0.43	2.58	0.09	0.07	0.34	0.52	0.51	3.27	0.41	0.41	2.61	0.12	0.12	0.79	15.93	15.91	38.52	22.78	22.75	54.05	88.17	88.14	202.45
2041-04-04	1.16	1.14	7.56	0.56	0.53	3.50	0.11	0.09	0.50	0.65	0.65	4.37	0.52	0.52	3.49	0.15	0.16	1.05	16.25	16.20	39.81	23.09	23.04	55.33	88.48	88.43	203.74
2041-04-05	1.50	1.45	10.16	0.72	0.68	4.65	0.14	0.10	0.59	0.83	0.84	5.92	0.66	0.67	4.72	0.20	0.20	1.42	17.22	17.12	42.91	24.06	23.97	58.44	89.45	89.36	206.84
2041-04-06	2.09	2.01	13.20	1.00	0.92	6.15	0.20	0.12	0.94	1.16	1.17	7.57	0.93	0.93	6.04	0.28	0.28	1.81	17.94	17.83	43.27	24.78	24.67	58.80	90.18	90.06	207.20
2041-04-07	1.90	1.89	13.90	0.91	0.90	7.05	0.18	0.17	1.99	1.06	1.07	7.40	0.84	0.86	5.91	0.25	0.27	1.80	17.90	17.83	43.56	24.74	24.67	59.08	90.13	90.06	207.49
2041-04-08	1.49	1.49	12.67	0.71	0.72	6.30	0.14	0.15	1.60	0.83	0.84	6.78	0.66	0.67	5.40	0.20	0.21	1.58	17.37	17.27	40.62	24.21	24.11	56.14	89.60	89.50	204.55
2041-04-09	1.48	1.45	10.93	0.71	0.68	4.95	0.14	0.12	0.53	0.82	0.83	6.39	0.66	0.66	5.09	0.19	0.20	1.50	17.01	16.92	38.87	23.85	23.76	54.39	89.25	89.15	202.80
2041-04-10	1.53	1.51	10.03	0.74	0.71	4.47	0.15	0.12	0.37	0.86	0.86	5.94	0.68	0.69	4.73	0.20	0.21	1.40	16.80	16.70	38.45	23.64	23.55	53.97	89.03	88.94	202.38
2041-04-11	1.70	1.65	12.23	0.82	0.77	5.57	0.16	0.12	0.65	0.95	0.95	7.13	0.75	0.76	5.68	0.22	0.23	1.69	16.60	16.52	38.42	23.45	23.36	53.95	88.84	88.75	202.35
2041-04-12	2.14	2.04	15.41	1.03	0.93	7.21	0.21	0.11	1.14	1.19	1.19	8.79	0.95	0.95	7.00	0.28	0.28	2.08	16.37	16.30	37.95	23.21	23.14	53.48	88.60	88.53	201.88
2041-04-13	2.93	2.80	15.41	1.41	1.27	7.12	0.28	0.15	1.00	1.64	1.64	8.88	1.30	1.31	7.07	0.39	0.39	2.10	16.17	16.10	38.58	23.01	22.94	54.10	88.40	88.33	202.51
2041-04-14	3.75	3.73	16.23	1.80	1.79	7.82	0.36	0.35	1.60	2.09	2.09	9.01	1.66	1.67	7.18	0.49	0.50	2.13	15.99	15.93	38.48	22.84	22.77	54.00	88.23	88.16	202.41
2041-04-15	2.80	2.74	12.55	1.34	1.28	5.97	0.27	0.21	1.10	1.56	1.56	7.05	1.24	1.24	5.61	0.37	0.37	1.66	16.77	16.70	38.42	23.01	22.94	54.00	88.23	88.16	202.41
2041-04-16	2.56	2.48	9.43	1.23	1.15	4.09	0.25	0.16	0.15	1.43	1.43	5.71	1.14	1.14	4.55	0.34	0.34	1.35	16.63	16.57	38.59	23.03	22.96	54.10	88.40	88.33	202.51
2041-04-17	2.36	2.29	8.06	1.13	1.06	3.73	0.23	0.15	0.54	1.32	1.32	4.63	1.05	1.05	3.69	0.31	0.31	1.10	16.51	16.46	38.57	23.01	22.94	54.00	88.23	88.16	202.41
2041-04-18	2.20	2.13	6.85	1.06	0.99	3.16	0.21	0.14	0.43	1.23	1.22	3.95	0.98	0.97	3.15	0.29	0.29	0.94	16.41	16.35	38.42	22.94	22.87	53.95	88.16	88.09	202.35
2041-04-19	2.24	2.17	6.26	1.07	1.00	2.87	0.21	0.14	0.37	1.25	1.25	3.63	0.99	1.00	2.89	0.29	0.30	0.86	16.53	16.47	38.42	23.01	22.94	54.00	88.23	88.16	202.41
2041-04-20	2.49	2.43	5.92	1.20	1.13	2.71	0.24	0.17	0.34	1.39	1.40	3.44	1.11	1.12	2.74	0.33	0.34	0.81	17.31	17.25	38.50	23.01	22.94	54.00	88.23	88.16	202.41
2041-04-21	2.69	2.62	5.76	1.29	1.22	2.63	0.26	0.19	0.33	1.50	1.51	3.34	1.19	1.21	2.66	0.35	0.37	0.79	17.32	17.26	38.51	23.02	22.95	54.01	88.24		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2041-05-20	7.50	6.89	1.29	3.60	2.99	0.60	0.72	0.11	0.09	4.18	4.17	0.73	3.33	3.32	0.58	0.99	0.98	0.17	115.09	114.93	69.56	147.97	147.81	89.70	728.92	728.77	445.65
2041-05-21	8.05	7.68	1.40	3.87	3.49	0.65	0.77	0.40	0.09	4.49	4.48	0.80	3.58	3.56	0.64	1.06	1.05	0.18	114.50	114.36	69.42	147.38	147.24	89.57	728.34	728.20	445.52
2041-05-22	8.12	7.90	1.70	3.90	3.68	0.78	0.78	0.56	0.10	4.53	4.52	0.98	3.61	3.60	0.78	1.07	1.06	0.23	119.25	118.79	73.58	152.13	151.67	93.73	733.09	732.62	449.68
2041-05-23	7.83	7.50	1.63	3.76	3.43	0.76	0.75	0.42	0.11	4.37	4.35	0.93	3.48	3.46	0.74	1.03	1.02	0.21	126.89	126.50	82.13	159.77	159.38	102.28	740.73	740.34	458.23
2041-05-24	9.04	8.64	2.60	4.34	3.94	1.17	0.87	0.47	0.11	5.04	5.03	1.52	4.01	4.00	1.21	1.19	1.18	0.36	120.38	120.24	75.99	153.26	153.12	96.14	734.22	734.08	452.09
2041-05-25	8.94	8.72	2.96	4.29	4.07	1.36	0.86	0.63	0.17	4.99	4.97	1.71	3.97	3.96	1.36	1.18	1.17	0.40	118.31	118.09	74.42	151.19	150.97	94.56	732.15	731.93	450.52
2041-05-26	7.51	7.25	2.35	3.60	3.35	1.10	0.72	0.46	0.18	4.19	4.17	1.33	3.33	3.32	1.06	0.99	0.98	0.31	116.86	116.67	73.36	149.74	149.55	93.51	730.70	730.51	449.46
2041-05-27	7.08	6.79	2.39	3.40	3.11	1.10	0.68	0.40	0.15	3.95	3.93	1.38	3.14	3.13	1.10	0.93	0.93	0.32	115.79	115.62	72.56	148.67	148.50	92.71	729.63	729.46	448.66
2041-05-28	6.85	6.59	2.52	3.29	3.03	1.16	0.66	0.40	0.16	3.82	3.81	1.44	3.04	3.03	1.15	0.90	0.90	0.34	114.97	114.82	71.93	147.85	147.70	92.08	728.81	728.66	448.03
2041-05-29	5.98	5.77	2.39	2.87	2.66	1.11	0.57	0.36	0.16	3.33	3.32	1.37	2.65	2.64	1.09	0.79	0.78	0.32	114.34	114.20	71.43	147.22	147.08	91.58	728.17	728.04	447.53
2041-05-30	5.02	4.86	2.22	2.41	2.25	1.02	0.48	0.32	0.14	2.80	2.79	1.27	2.23	2.22	1.01	0.66	0.66	0.29	113.98	113.85	71.02	146.86	146.73	91.17	727.82	727.69	447.12
2041-05-31	4.32	4.18	2.07	2.07	1.93	0.96	0.41	0.27	0.14	2.41	2.40	1.18	1.92	1.91	0.94	0.57	0.56	0.27	114.39	114.22	71.26	147.27	147.10	91.40	728.23	728.06	447.36
2041-06-01	3.89	3.75	1.94	1.87	1.73	0.90	0.37	0.24	0.13	2.17	2.16	1.11	1.73	1.72	0.88	0.51	0.51	0.26	114.56	114.41	85.95	147.44	147.29	110.46	728.40	728.24	543.50
2041-06-02	3.54	3.41	1.83	1.70	1.57	0.85	0.34	0.22	0.12	1.97	1.96	1.04	1.57	1.56	0.83	0.47	0.46	0.24	114.01	113.88	85.54	146.89	146.76	110.05	727.84	727.72	543.10
2041-06-03	3.18	3.08	1.73	1.53	1.42	0.80	0.31	0.20	0.11	1.78	1.77	0.99	1.41	1.41	0.78	0.42	0.41	0.23	113.55	113.44	85.20	146.43	146.32	109.71	727.39	727.28	542.75
2041-06-04	2.90	2.80	1.65	1.39	1.30	0.76	0.28	0.18	0.11	1.62	1.61	0.94	1.29	1.28	0.75	0.38	0.38	0.22	113.18	113.08	84.91	146.06	145.96	109.42	727.02	726.92	542.47
2041-06-05	2.64	2.56	1.57	1.27	1.18	0.73	0.25	0.17	0.11	1.48	1.47	0.89	1.17	1.17	0.71	0.35	0.34	0.21	112.87	112.78	84.66	145.75	145.66	109.17	726.71	726.62	542.22
2041-06-06	6.77	6.27	3.51	3.25	2.75	1.55	0.65	0.15	0.10	3.78	3.76	2.09	3.01	2.99	1.66	0.89	0.88	0.49	112.61	112.52	84.45	145.49	145.40	108.96	726.45	726.36	542.01
2041-06-07	13.44	13.27	7.28	6.45	6.28	3.44	1.29	1.12	0.60	7.50	7.48	4.11	5.97	5.96	3.27	1.77	1.77	0.97	112.39	112.30	84.27	145.27	145.18	108.78	726.22	726.14	541.83
2041-06-08	7.84	7.77	4.23	3.76	3.69	2.02	0.75	0.68	0.39	4.37	4.36	2.36	3.48	3.47	1.88	1.03	1.03	0.55	112.19	112.12	84.12	145.07	145.00	108.63	726.03	725.95	541.67
2041-06-09	6.30	6.11	3.60	3.03	2.83	1.66	0.60	0.41	0.23	3.52	3.50	2.07	2.80	2.79	1.64	0.83	0.82	0.48	112.02	111.95	83.98	144.90	144.83	108.49	725.86	725.79	541.53
2041-06-10	5.25	5.08	3.20	2.52	2.35	1.48	0.50	0.34	0.21	2.93	2.92	1.84	2.33	2.32	1.46	0.69	0.69	0.43	111.88	111.81	83.86	144.76	144.69	108.37	725.72	725.65	541.41
2041-06-11	4.48	4.33	2.88	2.15	2.00	1.33	0.43	0.28	0.19	2.50	2.49	1.66	1.99	1.98	1.32	0.59	0.58	0.39	111.77	111.70	83.75	144.65	144.58	108.26	725.60	725.54	541.30
2041-06-12	4.34	4.16	2.74	2.08	1.91	1.26	0.42	0.24	0.17	2.42	2.41	1.58	1.93	1.92	1.25	0.57	0.56	0.37	111.67	111.61	83.66	144.55	144.49	108.16	725.50	725.44	541.21
2041-06-13	4.67	4.47	2.75	2.24	2.04	1.26	0.45	0.24	0.17	2.61	2.60	1.58	2.08	2.07	1.26	0.62	0.61	0.37	111.57	111.51	83.57	144.45	144.39	108.08	725.41	725.35	541.12
2041-06-14	4.82	4.61	2.69	2.31	2.11	1.24	0.46	0.26	0.17	2.69	2.68	1.55	2.14	2.13	1.23	0.63	0.63	0.36	111.49	111.44	83.49	144.37	144.32	108.00	725.33	725.28	541.05
2041-06-15	4.44	4.28	2.52	2.13	1.97	1.16	0.43	0.27	0.16	2.48	2.47	1.44	1.97	1.96	1.15	0.58	0.58	0.34	140.21	140.16	104.90	173.62	173.57	129.80	950.63	950.58	708.98
2041-06-16	3.87	3.74	2.32	1.86	1.73	1.07	0.37	0.24	0.15	2.16	2.15	1.33	1.72	1.71	1.06	0.51	0.50	0.31	140.14	140.08	104.83	173.54	173.49	129.73	950.55	950.50	708.92
2041-06-17	3.43	3.32	2.15	1.65	1.53	1.00	0.33	0.21	0.14	1.91	1.90	1.23	1.52	1.51	0.98	0.45	0.45	0.29	140.07	140.02	104.77	173.47	173.42	129.68	950.48	950.43	708.86
2041-06-18	3.08	2.98	2.01	1.48	1.37	0.93	0.30	0.19	0.13	1.72	1.71	1.15	1.37	1.36	0.92	0.41	0.40	0.27	140.00	139.95	104.72	173.41	173.36	129.62	950.42	950.37	708.81
2041-06-19	2.79	2.70	1.89	1.34	1.25	0.88	0.27	0.18	0.13	1.56	1.55	1.08	1.24	1.23	0.86	0.37	0.36	0.25	162.66	161.18	117.97	196.07	194.59	142.87	973.08	971.60	722.05
2041-06-20	2.56	2.48	1.79	1.23	1.15	0.83	0.25	0.16	0.12	1.43	1.42	1.02	1.14	1.13	0.81	0.34	0.33	0.24	218.43	216.27	150.60	251.84	249.67	175.50	1028.85	1026.68	754.69
2041-06-21	2.36	2.29	1.70	1.13	1.06	0.79	0.23	0.15	0.11	1.32	1.31	0.97	1.05	1.04	0.77	0.31	0.30	0.22	173.92	173.68	127.76	207.33	207.09	152.66	984.34	984.10	731.84
2041-06-22	2.20	2.13	1.61	1.05	0.98	0.75	0.21	0.14	0.11	1.23	1.22	0.92	0.98	0.97	0.73	0.29	0.28	0.21	160.41	160.99	120.74	193.82	194.39	145.64	970.83	971.40	724.82
2041-06-23	2.05	1.99	1.54	0.99	0.92	0.72	0.20	0.13	0.10	1.15	1.14	0.88	0.91	0.90	0.70	0.27	0.26	0.20	153.93	153.24	115.02	187.34	186.64	139.93	964.35	963.65	719.11
2041-06-24	1.93	1.87	1.48	0.93	0.87	0.69	0.19	0.12	0.10	1.08	1.07	0.84	0.86	0.85	0.67	0.25	0.25	0.19	151.77	151.23	113.46	185.18	184.64	138.36	962.19	961.65	717.54
2041-06-25	1.83	1.77	1.42	0.88	0.82	0.66	0.18	0.12	0.10	1.02	1.01	0.81	0.81	0.80	0.64	0.24	0.23	0.19	150.16	150.03	112.30	183.57	183.43	137.20	960.58	960.44	716.39
2041-06-26	1.73	1.68	1.37	0.83	0.78	0.64	0.17	0.11	0.09	0.97	0.96	0.78	0.77	0.76	0.62	0.23	0.22	0.18	147.78	147.55	110.67	181.19	180.96	135.57	958.20	957.97	714.75
2041-06-27	1.65	1.60	1.32	0.79	0.74	0.61	0.16	0.11	0.09	0.92	0.91	0.75	0.73	0.72	0.60	0.22	0.21	0.17	146.14	145.94	109.54	179.55	179.35	134.44	956.56	956.36	713.62
2041-06-28	1.58	1.53	1.28	0.76	0.71	0.59	0.15	0.10	0.09	0.88	0.87	0.73	0.70	0.69	0.58	0.21	0.20	0.17	144.95	144.77	108.68	178.36	178.18	133.59	955.37	955.19	712.77
2041-06-29	1.51	1.47	1.24	0.73	0.68	0.58	0.15	0.10	0.09	0.84	0.84	0.71	0.67	0.66	0.56	0.20	0.19	0.16	144.05	143.90	108.02	177.46	177.30	132.92	954.47	954.31	712.11
2041-06-30	1.45	1.41	1.21	0.70	0.66	0.56	0.14	0.10	0.08	0.81	0.80	0.69	0.65	0.64	0.54	0.19	0.18	0.16	143.36	143.22	107.49	176.76	176.63	132.			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2041-07-30	1.11	1.09	1.02	0.53	0.51	0.48	0.11	0.08	0.08	0.62	0.61	0.58	0.49	0.49	0.46	0.15	0.14	0.13	54.91	54.87	52.22	73.59	73.55	69.99	449.69	449.64	427.73
2041-07-31	1.09	1.06	1.01	0.52	0.50	0.47	0.10	0.08	0.07	0.61	0.60	0.57	0.48	0.48	0.45	0.14	0.14	0.13	54.85	54.81	52.16	73.54	73.49	69.94	449.63	449.59	427.68
2041-08-01	1.07	1.04	0.99	0.51	0.49	0.46	0.10	0.08	0.07	0.60	0.59	0.56	0.47	0.47	0.44	0.14	0.13	0.13	56.46	56.31	49.06	75.14	74.99	65.32	451.24	451.09	392.71
2041-08-02	1.05	1.03	0.98	0.50	0.48	0.46	0.10	0.08	0.07	0.59	0.58	0.55	0.47	0.46	0.44	0.14	0.13	0.12	59.20	59.02	51.21	77.88	77.70	67.48	453.97	453.80	394.87
2041-08-03	1.03	1.01	0.96	0.50	0.47	0.45	0.10	0.08	0.07	0.58	0.57	0.54	0.46	0.45	0.43	0.14	0.13	0.12	56.53	56.51	49.19	75.21	75.19	65.45	451.30	451.29	392.84
2041-08-04	1.01	0.99	0.95	0.49	0.46	0.44	0.10	0.07	0.07	0.57	0.56	0.53	0.45	0.44	0.42	0.13	0.13	0.12	56.28	56.19	48.95	74.96	74.88	65.21	451.06	450.97	392.60
2041-08-05	1.00	0.98	0.94	0.48	0.46	0.44	0.10	0.07	0.07	0.56	0.55	0.53	0.44	0.44	0.42	0.13	0.12	0.12	56.86	56.73	49.32	75.54	75.41	65.58	451.64	451.50	392.97
2041-08-06	0.98	0.96	0.92	0.47	0.45	0.43	0.09	0.07	0.07	0.55	0.54	0.52	0.44	0.43	0.41	0.13	0.12	0.12	58.57	58.36	50.41	77.25	77.04	66.67	453.34	453.14	394.06
2041-08-07	0.97	0.95	0.91	0.47	0.44	0.43	0.09	0.07	0.07	0.54	0.53	0.51	0.43	0.42	0.41	0.13	0.12	0.12	57.65	57.55	49.82	76.33	76.23	66.08	452.42	452.32	393.47
2041-08-08	0.96	0.94	0.90	0.46	0.44	0.42	0.09	0.07	0.07	0.53	0.53	0.51	0.43	0.42	0.40	0.13	0.12	0.11	57.22	57.11	49.53	75.90	75.79	65.80	452.00	451.89	393.19
2041-08-09	1.01	0.98	0.93	0.48	0.46	0.43	0.10	0.07	0.07	0.56	0.55	0.52	0.45	0.44	0.41	0.13	0.13	0.12	56.86	56.76	49.30	75.55	75.45	65.56	451.64	451.54	392.95
2041-08-10	1.45	1.39	1.18	0.70	0.64	0.55	0.14	0.08	0.08	0.81	0.80	0.68	0.64	0.64	0.54	0.19	0.19	0.16	56.57	56.47	49.10	75.25	75.16	65.36	451.35	451.25	392.75
2041-08-11	1.43	1.39	1.16	0.69	0.65	0.54	0.14	0.10	0.09	0.80	0.79	0.65	0.63	0.63	0.52	0.19	0.18	0.15	56.32	56.23	48.93	75.00	74.92	65.19	451.10	451.01	392.58
2041-08-12	1.23	1.21	1.05	0.59	0.57	0.50	0.12	0.10	0.09	0.69	0.68	0.59	0.55	0.54	0.47	0.16	0.16	0.14	56.10	56.02	48.78	74.78	74.70	65.04	450.88	450.80	392.43
2041-08-13	1.20	1.17	1.03	0.58	0.55	0.48	0.11	0.08	0.08	0.67	0.66	0.58	0.53	0.53	0.46	0.16	0.15	0.13	55.92	55.84	48.64	74.60	74.52	64.91	450.69	450.62	392.30
2041-08-14	1.27	1.23	1.06	0.61	0.57	0.49	0.12	0.08	0.08	0.71	0.70	0.60	0.56	0.56	0.48	0.17	0.16	0.14	55.75	55.68	48.53	74.44	74.37	64.79	450.53	450.46	392.18
2041-08-15	1.82	1.74	1.42	0.87	0.79	0.65	0.17	0.09	0.08	1.01	1.01	0.82	0.81	0.80	0.65	0.24	0.23	0.19	30.07	30.01	26.19	40.94	40.87	35.65	225.79	225.72	196.56
2041-08-16	1.79	1.74	1.42	0.86	0.81	0.66	0.17	0.12	0.10	1.00	0.99	0.81	0.79	0.79	0.64	0.24	0.23	0.19	29.95	29.88	26.10	40.81	40.75	35.56	225.66	225.60	196.47
2041-08-17	1.53	1.49	1.23	0.73	0.70	0.58	0.15	0.11	0.10	0.85	0.84	0.69	0.68	0.67	0.55	0.20	0.19	0.16	29.84	29.78	26.02	40.70	40.64	35.48	225.55	225.49	196.39
2041-08-18	1.47	1.43	1.19	0.70	0.66	0.55	0.14	0.10	0.09	0.82	0.81	0.67	0.65	0.64	0.53	0.19	0.19	0.15	29.74	29.68	25.94	40.60	40.55	35.40	225.45	225.40	196.32
2041-08-19	1.41	1.37	1.16	0.68	0.64	0.54	0.14	0.10	0.08	0.79	0.78	0.65	0.63	0.62	0.52	0.19	0.18	0.15	29.65	29.59	25.88	40.51	40.46	35.33	225.37	225.31	196.25
2041-08-20	1.37	1.33	1.13	0.66	0.62	0.53	0.13	0.09	0.08	0.76	0.75	0.64	0.61	0.60	0.51	0.18	0.17	0.15	29.57	29.52	25.81	40.43	40.38	35.27	225.29	225.23	196.18
2041-08-21	1.32	1.29	1.11	0.63	0.60	0.52	0.13	0.09	0.08	0.74	0.73	0.62	0.59	0.58	0.50	0.17	0.17	0.14	29.50	29.45	25.76	40.36	40.31	35.22	225.21	225.16	196.13
2041-08-22	1.28	1.25	1.08	0.62	0.58	0.51	0.12	0.09	0.08	0.72	0.71	0.61	0.57	0.56	0.49	0.17	0.16	0.14	29.43	29.38	25.71	40.30	40.25	35.17	225.15	225.10	196.08
2041-08-23	1.25	1.21	1.06	0.60	0.57	0.50	0.12	0.09	0.08	0.70	0.69	0.60	0.55	0.55	0.48	0.16	0.16	0.14	29.37	29.33	25.66	40.24	40.19	35.12	225.09	225.04	196.03
2041-08-24	1.21	1.18	1.04	0.58	0.55	0.49	0.12	0.09	0.08	0.68	0.67	0.59	0.54	0.53	0.47	0.16	0.15	0.13	29.44	29.39	25.69	40.31	40.26	35.15	225.16	225.11	196.06
2041-08-25	1.18	1.15	1.02	0.57	0.54	0.48	0.11	0.08	0.08	0.66	0.65	0.58	0.53	0.52	0.46	0.16	0.15	0.13	30.21	30.11	26.14	41.07	40.98	35.59	225.92	225.83	196.51
2041-08-26	1.16	1.13	1.01	0.55	0.53	0.47	0.11	0.08	0.08	0.64	0.64	0.57	0.51	0.51	0.45	0.15	0.15	0.13	30.48	30.39	26.37	41.34	41.26	35.83	226.19	226.11	196.75
2041-08-27	1.13	1.10	0.99	0.54	0.51	0.46	0.11	0.08	0.07	0.63	0.62	0.56	0.50	0.49	0.44	0.15	0.14	0.13	29.92	29.87	26.00	40.78	40.73	35.46	225.63	225.58	196.37
2041-08-28	1.11	1.08	0.98	0.53	0.50	0.46	0.11	0.08	0.07	0.62	0.61	0.55	0.49	0.48	0.44	0.15	0.14	0.12	29.81	29.75	25.92	40.67	40.61	35.38	225.52	225.47	196.29
2041-08-29	1.17	1.13	1.01	0.56	0.53	0.47	0.11	0.08	0.07	0.65	0.64	0.57	0.52	0.51	0.45	0.15	0.15	0.13	29.71	29.66	25.86	40.58	40.52	35.31	225.43	225.37	196.23
2041-08-30	1.35	1.30	1.13	0.65	0.60	0.53	0.13	0.09	0.08	0.75	0.74	0.64	0.60	0.59	0.51	0.18	0.17	0.15	29.63	29.57	25.80	40.49	40.44	35.26	225.34	225.29	196.17
2041-08-31	1.19	1.17	1.03	0.57	0.55	0.48	0.11	0.09	0.08	0.66	0.66	0.58	0.53	0.52	0.46	0.16	0.15	0.13	29.55	29.50	25.74	40.41	40.37	35.20	225.27	225.22	196.11
2041-09-01	1.16	1.13	1.01	0.56	0.53	0.47	0.11	0.08	0.08	0.65	0.64	0.57	0.52	0.51	0.45	0.15	0.15	0.13	29.48	29.43	26.05	40.34	40.30	35.19	225.20	225.15	196.05
2041-09-02	1.14	1.11	0.99	0.54	0.52	0.46	0.11	0.08	0.08	0.63	0.63	0.56	0.50	0.50	0.44	0.15	0.14	0.13	29.41	29.37	26.01	40.28	40.23	35.17	225.13	225.08	196.00
2041-09-03	1.11	1.08	0.98	0.53	0.51	0.46	0.11	0.08	0.07	0.62	0.61	0.55	0.49	0.49	0.44	0.15	0.14	0.12	29.36	29.31	26.06	40.22	40.18	35.16	225.07	225.03	195.96
2041-09-04	1.09	1.06	0.96	0.52	0.50	0.45	0.10	0.08	0.07	0.61	0.60	0.54	0.48	0.48	0.43	0.14	0.14	0.12	29.30	29.26	26.03	40.17	40.13	35.15	225.02	224.98	195.92
2041-09-05	1.07	1.04	0.95	0.51	0.49	0.44	0.10	0.08	0.07	0.60	0.59	0.53	0.47	0.47	0.42	0.14	0.13	0.12	29.26	29.21	26.09	40.12	40.08	35.14	224.97	224.93	195.88
2041-09-06	1.05	1.02	0.94	0.50	0.48	0.44	0.10	0.08	0.07	0.59	0.58	0.53	0.47	0.46	0.42	0.14	0.13	0.12	29.24	29.20	26.08	40.11	40.07	35.13	224.96	224.92	195.87
2041-09-07	1.03	1.01	0.93	0.49	0.47	0.43	0.10	0.08	0.07	0.58	0.57	0.52	0.46	0.45	0.41	0.14	0.13	0.12	32.24	32.01	33.52	43.10	42.87	44.95	227.95	227.72	239.32
2041-09-08	1.01	0.99	0.91	0.49	0.46	0.43	0.10	0.07	0.07	0.57	0.56	0.51	0.45	0.44	0.41	0.13	0.13	0.12	35.82	35.59	37.38	46.68	46.45	48.81	231.54	231.30	243.18
2041-09-09	1.00	0.98	0.90	0.48	0.46	0.42	0.10	0.07	0.07	0.56	0.55	0.51	0.44	0.44	0.40	0.13	0.13	0.12	32.52	32.48	33.97	43.39	43.35	45.39	228.24	228.20	239.76
2041-09-10	0.98	0.96	0.90	0.47	0.45	0.42	0.09	0.07	0.07	0.55	0.54	0.50	0.44	0.43	0.40	0.13	0.12	0.11									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2041-10-09	1.18	1.15	1.20	0.57	0.54	0.56	0.11	0.08	0.09	0.66	0.65	0.68	0.52	0.52	0.54	0.16	0.15	0.16	21.82	21.53	23.40	30.62	30.33	32.91	160.63	160.33	173.31
2041-10-10	1.15	1.12	1.17	0.55	0.52	0.54	0.11	0.08	0.08	0.64	0.63	0.66	0.51	0.50	0.52	0.15	0.14	0.15	21.79	21.50	23.42	30.59	30.30	32.93	160.60	160.30	173.33
2041-10-11	1.13	1.02	1.06	0.54	0.43	0.45	0.11	0.00	0.00	0.63	0.62	0.64	0.50	0.49	0.51	0.15	0.14	0.15	21.73	21.45	23.42	30.54	30.25	32.93	160.54	160.25	173.34
2041-10-12	1.10	1.00	1.03	0.53	0.42	0.44	0.11	0.00	0.00	0.62	0.61	0.63	0.49	0.48	0.50	0.15	0.14	0.14	21.37	21.10	23.00	30.17	29.91	32.51	160.17	159.91	172.91
2041-10-13	1.11	1.04	1.04	0.53	0.46	0.44	0.11	0.04	0.00	0.62	0.61	0.64	0.49	0.49	0.50	0.15	0.14	0.15	21.06	20.84	22.65	29.86	29.65	32.15	159.87	159.65	172.56
2041-10-14	1.51	1.45	1.60	0.73	0.66	0.73	0.15	0.08	0.09	0.84	0.84	0.93	0.67	0.66	0.74	0.20	0.19	0.21	20.80	20.71	22.35	29.60	29.52	31.86	159.61	159.52	172.26
2041-10-15	1.95	1.87	2.10	0.93	0.86	0.96	0.19	0.11	0.12	1.09	1.08	1.21	0.86	0.86	0.97	0.26	0.25	0.28	20.15	20.07	21.65	28.07	27.98	30.20	137.13	137.04	147.99
2041-10-16	1.40	1.39	1.52	0.67	0.66	0.72	0.13	0.12	0.13	0.78	0.78	0.85	0.62	0.62	0.67	0.18	0.18	0.19	19.99	19.91	21.50	27.91	27.83	30.05	136.97	136.89	147.84
2041-10-17	1.36	1.32	1.43	0.65	0.62	0.67	0.13	0.09	0.10	0.76	0.75	0.81	0.60	0.60	0.65	0.18	0.17	0.19	19.82	20.01	21.18	27.73	27.93	29.73	136.79	136.99	147.52
2041-10-18	1.32	1.28	1.39	0.63	0.59	0.64	0.13	0.09	0.09	0.74	0.73	0.79	0.59	0.58	0.62	0.17	0.17	0.18	19.66	19.48	21.01	27.58	27.39	29.56	136.64	136.45	147.34
2041-10-19	1.28	1.16	1.25	0.62	0.49	0.53	0.12	0.00	0.00	0.72	0.71	0.76	0.57	0.56	0.61	0.17	0.16	0.18	19.53	19.35	20.86	27.44	27.27	29.41	136.50	136.33	147.20
2041-10-20	1.25	1.13	1.21	0.60	0.48	0.51	0.12	0.00	0.00	0.70	0.69	0.74	0.55	0.55	0.59	0.16	0.16	0.17	19.41	19.30	20.73	27.32	27.22	29.28	136.38	136.28	147.06
2041-10-21	1.21	1.12	1.17	0.58	0.49	0.50	0.12	0.03	0.00	0.68	0.67	0.72	0.54	0.53	0.57	0.16	0.15	0.16	19.30	19.24	20.72	27.22	27.15	29.27	136.28	136.21	147.05
2041-10-22	1.18	1.15	1.22	0.57	0.54	0.56	0.11	0.08	0.08	0.66	0.65	0.69	0.53	0.52	0.55	0.16	0.15	0.16	19.21	19.15	20.62	27.12	27.07	29.17	136.18	136.13	146.95
2041-10-23	1.16	1.36	1.11	0.56	0.75	0.47	0.11	0.31	0.00	0.65	0.64	0.68	0.51	0.51	0.54	0.15	0.15	0.15	19.12	19.07	20.52	27.04	26.98	29.07	136.10	136.04	146.86
2041-10-24	1.13	1.02	1.12	0.54	0.43	0.50	0.11	0.00	0.04	0.63	0.62	0.66	0.50	0.49	0.52	0.15	0.14	0.15	19.04	18.99	20.44	26.96	26.91	28.99	136.02	135.97	146.77
2041-10-25	1.11	1.00	1.14	0.53	0.43	0.53	0.11	0.00	0.08	0.62	0.61	0.64	0.49	0.48	0.51	0.15	0.14	0.15	18.97	18.93	20.36	26.89	26.84	28.91	135.95	135.90	146.70
2041-10-26	1.09	1.00	1.03	0.52	0.44	0.44	0.10	0.02	0.00	0.61	0.60	0.63	0.48	0.47	0.50	0.14	0.14	0.14	18.98	18.93	20.39	26.90	26.85	28.94	135.96	135.91	146.72
2041-10-27	1.06	1.04	1.01	0.51	0.48	0.43	0.10	0.07	0.00	0.59	0.59	0.62	0.47	0.47	0.49	0.14	0.13	0.14	18.98	18.93	20.41	26.90	26.85	28.96	135.96	135.91	146.75
2041-10-28	1.05	1.02	1.02	0.50	0.48	0.45	0.10	0.08	0.03	0.58	0.58	0.60	0.46	0.46	0.48	0.14	0.13	0.14	18.92	18.87	20.33	26.83	26.78	28.88	135.89	135.84	146.67
2041-10-29	1.03	1.01	1.05	0.49	0.47	0.49	0.10	0.08	0.08	0.57	0.56	0.59	0.46	0.45	0.47	0.14	0.13	0.13	18.86	18.79	20.25	26.77	26.71	28.80	135.83	135.77	146.58
2041-10-30	1.01	0.96	1.00	0.49	0.43	0.45	0.10	0.05	0.05	0.56	0.55	0.58	0.45	0.44	0.46	0.13	0.12	0.13	18.80	18.74	20.19	26.72	26.66	28.74	135.78	135.72	146.53
2041-10-31	1.00	0.95	0.99	0.48	0.43	0.45	0.10	0.05	0.05	0.56	0.55	0.57	0.44	0.43	0.45	0.13	0.12	0.13	18.76	18.70	20.14	26.67	26.62	28.69	135.73	135.68	146.48
2041-11-01	0.98	0.94	0.97	0.47	0.43	0.44	0.09	0.05	0.05	0.55	0.54	0.56	0.44	0.43	0.44	0.13	0.12	0.12	18.71	18.69	19.30	26.63	26.60	27.47	135.69	135.66	139.94
2041-11-02	0.99	0.95	0.99	0.47	0.43	0.45	0.09	0.05	0.06	0.55	0.54	0.56	0.44	0.43	0.45	0.13	0.12	0.13	18.67	18.63	19.24	26.59	26.55	27.40	135.65	135.61	139.87
2041-11-03	1.70	1.60	1.81	0.81	0.72	0.81	0.16	0.07	0.07	0.95	0.93	1.06	0.75	0.74	0.84	0.22	0.21	0.24	18.63	18.60	19.19	26.55	26.51	27.36	135.61	135.57	139.83
2041-11-04	3.30	3.11	3.65	1.58	1.39	1.63	0.32	0.12	0.14	1.84	1.84	2.16	1.47	1.46	1.72	0.43	0.43	0.51	18.60	18.55	19.14	26.51	26.47	27.31	135.57	135.53	139.78
2041-11-05	9.98	9.24	11.36	4.79	4.05	4.97	0.96	0.21	0.24	5.57	5.58	6.88	4.43	4.44	5.47	1.32	1.32	1.62	18.56	18.52	19.11	26.48	26.44	27.27	135.54	135.50	139.75
2041-11-06	27.15	27.17	33.39	13.03	13.05	15.94	2.60	2.62	3.06	15.15	15.19	18.71	12.06	12.11	14.90	3.58	3.63	4.43	18.53	18.49	19.07	26.45	26.40	27.24	135.51	135.46	139.71
2041-11-07	21.39	21.33	24.70	10.27	10.21	11.64	2.05	1.99	1.99	11.94	11.93	14.01	9.50	9.51	11.16	2.82	2.84	3.33	18.51	18.47	19.05	26.42	26.39	27.22	135.48	135.45	139.69
2041-11-08	12.94	13.69	15.13	6.21	6.96	7.57	1.24	1.99	1.99	7.22	7.21	8.10	5.75	5.75	6.46	1.70	1.72	1.93	18.48	18.44	19.02	26.40	26.36	27.18	135.46	135.42	139.66
2041-11-09	9.43	8.53	9.85	4.53	3.62	4.49	0.90	0.00	0.53	5.26	5.25	5.74	4.19	4.18	4.57	1.24	1.24	1.36	18.46	18.42	19.00	26.37	26.34	27.16	135.43	135.40	139.64
2041-11-10	7.34	7.07	7.39	3.52	3.25	3.29	0.70	0.43	0.26	4.09	4.08	4.39	3.26	3.25	3.49	0.97	0.96	1.03	18.43	18.40	18.97	26.35	26.31	27.13	135.41	135.37	139.61
2041-11-11	5.97	5.78	6.14	2.86	2.67	2.84	0.57	0.38	0.41	3.33	3.32	3.53	2.65	2.64	2.81	0.79	0.79	0.83	18.41	18.37	18.94	26.33	26.29	27.11	135.39	135.35	139.58
2041-11-12	5.00	4.84	5.09	2.40	2.24	2.35	0.48	0.31	0.33	2.79	2.78	2.93	2.22	2.22	2.33	0.66	0.66	0.69	18.39	18.36	18.92	26.31	26.27	27.09	135.37	135.33	139.56
2041-11-13	4.30	4.15	4.35	2.06	1.92	2.01	0.41	0.27	0.28	2.40	2.39	2.50	1.91	1.91	1.99	0.57	0.57	0.59	18.39	18.36	18.93	26.31	26.28	27.10	135.37	135.34	139.57
2041-11-14	3.78	3.65	3.87	1.82	1.68	1.78	0.36	0.23	0.24	2.11	2.10	2.23	1.68	1.67	1.78	0.50	0.50	0.53	18.40	18.39	18.98	26.31	26.31	27.14	135.37	135.37	139.62
2041-11-15	3.38	3.26	3.50	1.62	1.50	1.62	0.32	0.21	0.22	1.88	1.88	2.02	1.50	1.50	1.61	0.44	0.44	0.48	18.66	18.65	19.24	27.32	27.31	28.18	123.16	123.15	127.02
2041-11-16	3.04	2.93	3.13	1.46	1.36	1.45	0.29	0.19	0.20	1.69	1.69	1.80	1.35	1.35	1.44	0.40	0.40	0.43	18.64	18.61	19.20	27.30	27.27	28.13	123.14	123.12	126.98
2041-11-17	2.76	2.66	2.82	1.32	1.23	1.30	0.26	0.17	0.18	1.54	1.53	1.63	1.23	1.22	1.30	0.36	0.36	0.38	18.62	18.59	19.18	27.28	27.25	28.11	123.13	123.09	126.95
2041-11-18	2.59	2.49	2.65	1.24	1.14	1.22	0.25	0.15	0.16	1.44	1.44	1.53	1.15	1.14	1.22	0.34	0.34	0.36	18.61	18.57	19.16	27.27	27.23	28.09	123.11	123.07	126.93
2041-11-19	2.46	2.37	2.53	1.18	1.09	1.16	0.24	0.15	0.15	1.37	1.36	1.46	1.09	1.09	1.16	0.32	0.32	0.34	18.59	18.56	19.15	27.25	27.22	28.08	123.09	123.07	126.92
2041-11-20	2.32	2.24	2.40	1.11	1.04	1.11	0.22	0.15	0.16	1.29	1.29	1.38	1.03	1.03	1.10												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2041-12-19	0.95	0.93	0.95	0.46	0.44	0.44	0.09	0.07	0.07	0.53	0.53	0.54	0.42	0.42	0.43	0.13	0.12	0.13	13.09	13.07	13.16	19.21	19.19	19.32	81.06	81.04	81.61
2041-12-20	0.94	0.91	0.93	0.45	0.43	0.43	0.09	0.06	0.07	0.52	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.12	13.09	13.06	13.14	19.21	19.17	19.30	81.06	81.02	81.59
2041-12-21	0.93	0.91	0.92	0.45	0.42	0.43	0.09	0.07	0.07	0.52	0.52	0.52	0.41	0.41	0.42	0.12	0.12	0.12	13.09	13.06	13.14	19.21	19.18	19.30	81.06	81.03	81.59
2041-12-22	0.92	0.90	0.91	0.44	0.42	0.43	0.09	0.07	0.07	0.51	0.51	0.52	0.41	0.41	0.41	0.12	0.12	0.12	13.09	13.07	13.15	19.21	19.19	19.31	81.06	81.04	81.60
2041-12-23	0.91	0.89	0.90	0.44	0.42	0.42	0.09	0.07	0.07	0.51	0.50	0.51	0.40	0.40	0.41	0.12	0.12	0.12	13.09	13.07	13.15	19.21	19.19	19.31	81.06	81.04	81.60
2041-12-24	0.90	0.88	0.89	0.43	0.41	0.41	0.09	0.06	0.06	0.50	0.50	0.50	0.40	0.40	0.40	0.12	0.12	0.12	13.09	13.07	13.15	19.21	19.19	19.31	81.06	81.04	81.61
2041-12-25	0.89	0.87	0.88	0.43	0.41	0.41	0.09	0.07	0.07	0.50	0.50	0.50	0.40	0.39	0.40	0.12	0.12	0.12	13.10	13.08	13.15	19.21	19.19	19.32	81.06	81.04	81.61
2041-12-26	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.50	0.39	0.39	0.39	0.12	0.11	0.12	13.10	13.07	13.15	19.22	19.19	19.31	81.06	81.04	81.61
2041-12-27	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.07	0.07	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.12	13.15	13.13	13.21	19.27	19.25	19.38	81.12	81.09	81.67
2041-12-28	0.87	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.48	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	13.22	13.19	13.29	19.33	19.31	19.46	81.18	81.16	81.75
2041-12-29	0.86	0.84	0.85	0.41	0.39	0.39	0.08	0.06	0.06	0.48	0.48	0.48	0.38	0.38	0.38	0.11	0.11	0.11	13.11	13.09	13.17	19.22	19.20	19.33	81.07	81.05	81.62
2041-12-30	0.85	0.83	0.84	0.41	0.39	0.39	0.08	0.06	0.06	0.48	0.47	0.48	0.38	0.38	0.38	0.11	0.11	0.11	13.10	13.07	13.15	19.21	19.19	19.31	81.06	81.04	81.61
2041-12-31	0.85	0.83	0.83	0.41	0.39	0.39	0.08	0.06	0.06	0.47	0.47	0.47	0.38	0.37	0.38	0.11	0.11	0.11	13.10	13.08	13.16	19.21	19.19	19.32	81.06	81.04	81.61
2042-01-01	0.84	0.82	0.84	0.40	0.39	0.40	0.08	0.06	0.06	0.47	0.47	0.48	0.37	0.37	0.38	0.11	0.11	0.11	13.10	13.08	13.07	19.22	19.20	19.18	81.06	81.05	80.99
2042-01-02	0.84	0.83	0.96	0.40	0.39	0.44	0.08	0.07	0.07	0.47	0.47	0.55	0.37	0.37	0.44	0.11	0.11	0.13	13.10	13.07	13.06	19.22	19.19	19.17	81.07	81.04	80.98
2042-01-03	0.84	0.83	0.91	0.40	0.39	0.43	0.08	0.07	0.07	0.47	0.47	0.51	0.37	0.37	0.41	0.11	0.11	0.12	13.10	13.08	13.06	19.22	19.19	19.18	81.07	81.04	80.99
2042-01-04	0.84	0.82	0.87	0.40	0.39	0.41	0.08	0.06	0.07	0.47	0.46	0.49	0.37	0.37	0.39	0.11	0.11	0.12	13.10	13.08	13.06	19.22	19.19	19.18	81.07	81.04	80.99
2042-01-05	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.06	0.06	0.46	0.46	0.48	0.37	0.37	0.39	0.11	0.11	0.11	13.10	13.08	13.06	19.22	19.19	19.18	81.07	81.04	80.99
2042-01-06	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.06	0.07	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.11	0.11	13.10	13.08	13.07	19.22	19.20	19.18	81.07	81.05	80.99
2042-01-07	0.82	0.81	0.85	0.39	0.38	0.40	0.08	0.06	0.07	0.46	0.46	0.48	0.36	0.36	0.38	0.11	0.11	0.11	13.11	13.08	13.07	19.22	19.20	19.18	81.07	81.05	81.00
2042-01-08	0.82	0.80	0.85	0.39	0.38	0.40	0.08	0.06	0.06	0.46	0.46	0.48	0.36	0.36	0.38	0.11	0.11	0.11	13.21	13.18	13.20	19.33	19.30	19.31	81.17	81.15	81.12
2042-01-09	0.84	0.82	0.85	0.40	0.38	0.40	0.08	0.06	0.07	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	13.41	13.38	13.46	19.53	19.49	19.58	81.38	81.34	81.39
2042-01-10	0.82	0.80	0.84	0.39	0.37	0.39	0.08	0.06	0.06	0.46	0.45	0.48	0.36	0.36	0.38	0.11	0.11	0.11	13.30	13.28	13.33	19.42	19.39	19.44	81.26	81.24	81.25
2042-01-11	0.81	0.79	0.83	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	13.11	13.09	13.08	19.22	19.21	19.20	81.07	81.06	81.01
2042-01-12	0.81	0.78	0.82	0.39	0.36	0.38	0.08	0.05	0.05	0.45	0.44	0.47	0.36	0.35	0.37	0.11	0.10	0.11	13.09	13.06	13.07	19.21	19.18	19.18	81.05	81.03	80.99
2042-01-13	0.80	0.78	0.81	0.39	0.36	0.38	0.08	0.05	0.05	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.11	13.09	13.06	13.06	19.21	19.18	19.17	81.06	81.03	80.98
2042-01-14	0.80	0.78	0.81	0.38	0.36	0.38	0.08	0.05	0.06	0.45	0.44	0.46	0.35	0.35	0.37	0.11	0.10	0.11	13.09	13.06	13.05	19.21	19.18	19.16	81.06	81.03	80.97
2042-01-15	0.80	0.77	0.81	0.38	0.36	0.37	0.08	0.05	0.06	0.44	0.44	0.46	0.35	0.35	0.36	0.10	0.10	0.11	10.44	10.42	10.40	16.36	16.34	16.32	69.35	69.32	69.27
2042-01-16	0.79	0.77	0.80	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.44	10.42	10.41	16.36	16.34	16.32	69.35	69.33	69.28
2042-01-17	0.79	0.78	0.80	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.45	10.42	10.41	16.37	16.34	16.32	69.35	69.33	69.28
2042-01-18	0.79	0.78	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.45	10.43	10.41	16.37	16.35	16.33	69.35	69.33	69.28
2042-01-19	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.45	10.43	10.42	16.37	16.35	16.33	69.35	69.34	69.29
2042-01-20	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.28
2042-01-21	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.28
2042-01-22	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.28
2042-01-23	0.85	0.83	0.86	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.12	10.45	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.28
2042-01-24	0.92	0.90	0.96	0.44	0.43	0.45	0.09	0.07	0.08	0.51	0.51	0.55	0.41	0.41	0.44	0.12	0.12	0.13	10.46	10.43	10.42	16.37	16.35	16.33	69.36	69.34	69.29
2042-01-25	0.81	0.80	0.81	0.39	0.38	0.39	0.08	0.07	0.07	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.11	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.36	69.34	69.29
2042-01-26	0.80	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.46	10.44	10.42	16.38	16.36	16.34	69.36	69.34	69.29
2042-01-27	0.80	0.78	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.46	10.44	10.43	16.38	16.36	16.34	69.36	69.34	69.30
2042-01-28	0.80	0.78	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.10	10.46	10.44	10.43	16.38	16.36	16.34	69.36	69.34	69.29
2042-01-29	0.80	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.46	10.44	10.42	16.38	16.36	16.34	69.37	69.34	69.29
2042-01-30	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.46	10.43	10.42	16.38	16.35	16.34	69.37	69.34	69.29

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2042-02-28	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2042-03-01	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.77	10.73	23.07	15.65	15.62	34.05	65.75	65.71	146.73
2042-03-02	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.10	12.09	11.98	26.73	16.98	16.86	37.71	67.07	66.96	150.39
2042-03-03	0.86	0.84	1.07	0.41	0.39	0.49	0.08	0.06	0.06	0.48	0.48	0.62	0.38	0.38	0.49	0.11	0.11	0.15	12.81	12.72	27.59	17.70	17.60	38.58	67.79	67.70	151.25
2042-03-04	0.90	0.89	1.70	0.43	0.42	0.79	0.09	0.08	0.12	0.50	0.50	0.99	0.40	0.40	0.79	0.12	0.12	0.24	10.89	10.92	24.32	15.77	15.80	35.30	65.87	65.90	147.98
2042-03-05	0.84	0.83	1.73	0.40	0.39	0.82	0.08	0.07	0.14	0.47	0.47	0.99	0.37	0.37	0.79	0.11	0.11	0.24	10.86	10.83	23.98	15.74	15.71	34.97	65.84	65.81	147.64
2042-03-06	0.89	0.88	1.94	0.43	0.42	0.91	0.09	0.07	0.15	0.50	0.50	1.12	0.40	0.40	0.89	0.12	0.12	0.27	10.83	10.80	23.78	15.71	15.68	34.76	65.81	65.78	147.44
2042-03-07	0.89	0.87	1.90	0.43	0.41	0.89	0.09	0.07	0.15	0.50	0.50	1.09	0.40	0.39	0.87	0.12	0.12	0.26	10.81	10.78	23.61	15.69	15.66	34.59	65.79	65.76	147.27
2042-03-08	0.82	0.81	1.62	0.39	0.38	0.77	0.08	0.07	0.13	0.46	0.45	0.92	0.36	0.36	0.74	0.11	0.11	0.22	10.78	10.75	23.55	15.66	15.64	34.53	65.76	65.73	147.20
2042-03-09	0.81	0.80	1.71	0.39	0.38	0.80	0.08	0.06	0.13	0.45	0.45	0.98	0.36	0.36	0.78	0.11	0.11	0.24	10.76	10.73	23.51	15.64	15.61	34.49	65.74	65.71	147.17
2042-03-10	2.23	2.08	5.18	1.07	0.92	2.27	0.21	0.06	0.12	1.24	1.24	3.12	0.99	0.99	2.48	0.29	0.29	0.74	10.74	10.71	23.40	15.62	15.59	34.38	65.72	65.69	147.06
2042-03-11	5.01	4.84	13.48	2.40	2.24	6.26	0.48	0.31	0.92	2.79	2.80	7.76	2.22	2.23	6.18	0.66	0.67	1.85	10.72	10.69	23.32	15.60	15.57	34.30	65.70	65.67	146.98
2042-03-12	3.10	3.17	12.54	1.49	1.56	6.47	0.30	0.37	1.99	1.73	1.74	6.79	1.38	1.39	5.46	0.41	0.43	1.83	10.70	10.67	23.40	15.58	15.56	34.38	65.68	65.65	147.06
2042-03-13	2.24	2.20	8.39	1.07	1.04	3.60	0.21	0.18	0.07	1.25	1.25	5.11	0.99	0.99	4.07	0.29	0.30	1.20	10.77	10.74	24.28	15.65	15.62	35.26	65.75	65.72	147.94
2042-03-14	2.09	2.02	7.18	1.00	0.94	3.31	0.20	0.13	0.45	1.17	1.16	4.14	0.93	0.93	3.30	0.28	0.27	0.98	11.90	11.83	26.74	16.78	16.71	37.73	66.88	66.81	150.40
2042-03-15	1.96	1.90	6.12	0.94	0.88	2.83	0.19	0.13	0.39	1.10	1.09	3.53	0.87	0.87	2.81	0.26	0.26	0.84	16.55	16.48	37.35	23.40	23.32	52.73	88.79	88.71	199.80
2042-03-16	2.27	2.17	7.14	1.09	0.99	3.24	0.22	0.12	0.37	1.26	1.26	4.18	1.01	1.00	3.33	0.30	0.30	0.99	15.66	15.67	37.36	22.50	22.51	52.75	87.90	87.91	199.82
2042-03-17	3.22	3.08	9.83	1.54	1.41	4.58	0.31	0.17	0.69	1.79	1.80	5.65	1.43	1.44	4.50	0.42	0.44	1.35	15.45	15.40	36.90	22.29	22.24	52.29	87.68	87.63	199.36
2042-03-18	3.13	3.04	11.01	1.50	1.41	5.04	0.30	0.21	0.62	1.74	1.75	6.42	1.39	1.40	5.12	0.41	0.42	1.53	15.36	15.31	35.86	22.20	22.15	51.25	87.59	87.54	198.32
2042-03-19	3.23	3.11	11.96	1.55	1.43	5.58	0.31	0.19	0.86	1.80	1.80	6.85	1.44	1.44	5.46	0.43	0.43	1.63	15.28	15.23	35.07	22.12	22.07	50.46	87.51	87.46	197.53
2042-03-20	2.92	2.82	9.33	1.40	1.30	4.34	0.28	0.18	0.66	1.63	1.62	5.35	1.30	1.29	4.26	0.38	0.38	1.27	15.20	15.16	34.67	22.04	22.00	50.05	87.44	87.39	197.12
2042-03-21	2.66	2.57	7.60	1.28	1.19	3.51	0.26	0.17	0.50	1.49	1.48	4.37	1.18	1.18	3.48	0.35	0.35	1.04	15.14	15.09	34.35	21.98	21.93	49.73	87.37	87.33	196.81
2042-03-22	2.79	2.68	8.40	1.34	1.23	3.82	0.27	0.16	0.44	1.56	1.55	4.91	1.24	1.24	3.92	0.37	0.37	1.17	15.08	15.04	33.90	21.92	21.88	49.29	87.31	87.27	196.36
2042-03-23	5.96	5.57	18.28	2.86	2.47	8.18	0.57	0.18	0.72	3.33	3.32	10.84	2.65	2.65	8.63	0.79	0.79	2.57	15.02	14.98	33.51	21.86	21.82	48.89	87.25	87.21	195.96
2042-03-24	9.10	8.74	25.39	4.37	4.00	11.93	0.87	0.51	1.99	5.08	5.07	14.42	4.04	4.04	11.49	1.20	1.20	3.42	14.97	14.93	33.18	21.81	21.77	48.56	87.20	87.16	195.63
2042-03-25	6.12	6.02	16.50	2.94	2.84	8.15	0.59	0.49	1.99	3.41	3.41	8.96	2.72	2.72	7.14	0.81	0.81	2.14	14.92	14.88	32.90	21.77	21.73	48.29	87.16	87.12	195.36
2042-03-26	5.11	4.95	12.03	2.45	2.29	5.74	0.49	0.32	1.09	2.85	2.85	6.74	2.27	2.27	5.37	0.67	0.67	1.60	14.88	14.84	32.67	21.72	21.69	48.06	87.11	87.08	195.13
2042-03-27	4.41	4.26	10.52	2.12	1.97	5.20	0.42	0.28	1.28	2.46	2.46	5.73	1.96	1.96	4.57	0.58	0.58	1.38	14.84	14.81	32.57	21.68	21.65	47.96	87.07	87.04	195.03
2042-03-28	3.94	3.81	8.22	1.89	1.76	3.49	0.38	0.25	0.00	2.20	2.20	5.04	1.75	1.75	4.01	0.52	0.52	1.18	14.82	14.79	32.83	21.66	21.63	48.21	87.05	87.02	195.28
2042-03-29	3.72	3.60	7.85	1.79	1.66	3.46	0.36	0.23	0.21	2.08	2.08	4.69	1.65	1.65	3.74	0.49	0.49	1.11	14.82	14.80	33.42	21.66	21.64	48.80	87.05	87.03	195.87
2042-03-30	4.15	3.98	8.56	1.99	1.82	3.92	0.40	0.23	0.49	2.31	2.32	4.96	1.84	1.85	3.95	0.55	0.55	1.17	14.85	14.83	33.86	21.69	21.67	49.24	87.08	87.06	196.31
2042-03-31	4.29	4.16	7.98	2.06	1.92	3.59	0.41	0.28	0.34	2.40	2.41	4.70	1.91	1.92	3.74	0.57	0.58	1.11	14.95	14.94	34.45	21.79	21.78	49.84	87.19	87.17	196.91
2042-04-01	3.76	3.63	6.31	1.80	1.67	2.81	0.36	0.23	0.23	2.10	2.09	3.74	1.67	1.67	2.98	0.50	0.49	0.88	15.32	15.29	35.65	22.16	22.13	51.06	87.55	87.52	198.34
2042-04-02	3.34	3.23	5.37	1.60	1.49	2.49	0.32	0.21	0.36	1.86	1.86	3.09	1.48	1.48	2.46	0.44	0.44	0.73	15.82	15.78	37.49	22.66	22.62	52.90	88.05	88.01	200.18
2042-04-03	3.01	2.90	4.54	1.44	1.34	2.10	0.29	0.18	0.29	1.68	1.67	2.62	1.34	1.33	2.08	0.40	0.39	0.62	15.94	15.91	38.27	22.78	22.75	53.67	88.17	88.14	200.95
2042-04-04	2.74	2.64	4.06	1.31	1.22	1.87	0.26	0.17	0.26	1.53	1.52	2.34	1.22	1.21	1.87	0.36	0.36	0.56	16.25	16.20	39.52	23.09	23.04	54.93	88.48	88.43	202.21
2042-04-05	2.51	2.43	3.65	1.21	1.12	1.56	0.24	0.16	0.02	1.40	1.40	2.23	1.12	1.11	1.78	0.33	0.33	0.53	17.22	17.13	41.49	24.06	23.97	56.90	89.45	89.36	204.18
2042-04-06	2.34	2.26	4.32	1.12	1.04	2.13	0.22	0.15	0.51	1.30	1.30	2.35	1.04	1.04	1.88	0.31	0.31	0.56	17.94	17.83	44.98	24.78	24.67	60.38	90.18	90.06	207.66
2042-04-07	2.44	2.36	4.45	1.17	1.09	1.89	0.23	0.15	0.00	1.36	1.36	2.74	1.09	1.09	2.18	0.32	0.33	0.65	17.90	17.83	43.12	24.74	24.67	58.53	90.13	90.06	205.81
2042-04-08	2.51	2.46	5.35	1.21	1.15	2.39	0.24	0.19	0.20	1.40	1.41	3.17	1.12	1.13	2.52	0.33	0.35	0.75	17.37	17.27	40.51	24.21	24.11	55.92	89.60	89.50	203.20
2042-04-09	2.32	2.25	5.51	1.12	1.04	2.52	0.22	0.15	0.31	1.30	1.29	3.20	1.03	1.03	2.55	0.31	0.31	0.76	17.01	16.92	38.59	23.86	23.76	53.99	89.25	89.15	201.27
2042-04-10	2.16	2.09	5.74	1.04	0.97	2.62	0.21	0.14	0.31	1.21	1.20	3.34	0.96	0.96	2.66	0.29	0.28	0.79	16.80	16.70	38.17	23.64	23.55	53.58	89.03	88.94	200.86
2042-04-11	2.03	1.96	5.79	0.97	0.91	2.66	0.19	0.13	0.34	1.13	1.13	3.36	0.90	0.90	2.67	0.27	0.27	0.79	16.61	16.52	38.14	23.45					

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2042-05-10	7.21	8.51	1.69	3.46	4.76	0.78	0.69	1.99	0.11	4.02	4.03	0.96	3.20	3.21	0.77	0.95	0.97	0.22	40.98	40.64	22.98	54.67	54.34	31.30	223.10	222.76	133.60
2042-05-11	8.00	7.23	1.94	3.84	3.07	0.89	0.77	0.00	0.11	4.46	4.44	1.12	3.55	3.54	0.89	1.05	1.04	0.26	40.99	40.73	22.89	54.69	54.43	31.21	223.11	222.85	133.51
2042-05-12	9.58	8.66	2.97	4.60	3.68	1.34	0.92	0.00	0.13	5.34	5.32	1.74	4.25	4.24	1.39	1.26	1.25	0.41	41.12	40.65	22.81	54.82	54.35	31.13	223.24	222.77	133.43
2042-05-13	8.40	7.60	2.55	4.03	3.23	1.19	0.81	0.00	0.18	4.69	4.67	1.45	3.73	3.72	1.15	1.11	1.10	0.34	42.95	42.36	23.29	56.64	56.06	31.61	225.06	224.48	133.90
2042-05-14	7.19	6.88	2.33	3.45	3.14	1.08	0.69	0.38	0.15	4.01	3.99	1.33	3.19	3.18	1.06	0.95	0.94	0.31	44.66	44.33	24.64	58.36	58.03	32.96	226.78	226.45	135.26
2042-05-15	6.46	6.22	2.16	3.10	2.86	1.00	0.62	0.38	0.14	3.61	3.59	1.24	2.87	2.86	0.98	0.85	0.84	0.29	117.50	117.32	69.22	150.38	150.20	89.19	731.34	731.16	442.07
2042-05-16	6.01	5.77	2.02	2.88	2.65	0.93	0.58	0.34	0.13	3.35	3.34	1.16	2.67	2.66	0.92	0.79	0.78	0.27	116.28	116.10	69.04	149.16	148.98	89.01	730.11	729.94	441.88
2042-05-17	6.51	6.21	2.18	3.13	2.82	1.00	0.62	0.32	0.12	3.63	3.62	1.26	2.89	2.88	1.00	0.86	0.85	0.29	115.60	115.43	68.90	148.48	148.31	88.87	729.44	729.27	441.75
2042-05-18	6.87	6.67	2.38	3.30	3.10	1.09	0.66	0.46	0.14	3.83	3.82	1.37	3.05	3.04	1.09	0.91	0.90	0.32	115.77	115.57	69.00	148.65	148.45	88.97	729.61	729.40	441.85
2042-05-19	7.01	6.70	2.49	3.37	3.06	1.14	0.67	0.36	0.15	3.91	3.90	1.44	3.11	3.10	1.14	0.92	0.92	0.33	115.72	115.54	69.10	148.60	148.42	89.07	729.56	729.38	441.94
2042-05-20	6.71	6.50	2.62	3.22	3.01	1.20	0.64	0.44	0.16	3.74	3.73	1.51	2.98	2.97	1.20	0.88	0.88	0.35	115.09	114.93	68.96	147.97	147.81	88.93	728.92	728.77	441.80
2042-05-21	5.53	5.35	2.42	2.65	2.48	1.12	0.53	0.35	0.16	3.08	3.07	1.38	2.46	2.45	1.10	0.73	0.72	0.32	114.50	114.36	68.83	147.38	147.24	88.80	728.34	728.20	441.67
2042-05-22	6.32	6.01	3.22	3.04	2.72	1.45	0.61	0.29	0.15	3.53	3.51	1.89	2.81	2.80	1.50	0.83	0.83	0.44	119.25	118.79	72.98	152.13	151.67	92.95	733.09	732.62	445.82
2042-05-23	7.32	7.22	6.08	3.51	3.42	2.74	0.70	0.61	0.27	4.08	4.07	3.57	3.25	3.24	2.84	0.96	0.96	0.84	126.89	126.50	81.51	159.77	159.38	101.48	740.73	740.34	454.35
2042-05-24	5.74	5.57	4.97	2.75	2.59	2.34	0.55	0.39	0.40	3.20	3.19	2.81	2.55	2.54	2.24	0.76	0.75	0.66	120.38	120.24	75.37	153.26	153.12	95.34	734.22	734.08	448.22
2042-05-25	4.86	4.39	4.20	2.33	1.87	1.94	0.47	0.00	0.27	2.71	2.70	2.41	2.16	2.15	1.92	0.64	0.63	0.57	118.31	118.09	73.81	151.19	150.97	93.78	732.15	731.93	446.65
2042-05-26	5.58	5.04	4.81	2.68	2.14	2.18	0.53	0.00	0.24	3.11	3.09	2.81	2.48	2.46	2.24	0.73	0.72	0.66	116.86	116.67	72.76	149.74	149.55	92.73	730.70	730.51	445.60
2042-05-27	7.71	6.97	6.90	3.70	2.96	3.24	0.74	0.00	0.53	4.30	4.28	3.92	3.42	3.41	3.12	1.02	1.01	0.92	115.79	115.62	71.96	148.67	148.50	91.93	729.63	729.46	444.81
2042-05-28	6.73	6.15	5.84	3.23	2.65	2.72	0.65	0.06	0.41	3.75	3.74	3.34	2.99	2.97	2.66	0.89	0.88	0.79	114.97	114.82	71.34	147.85	147.70	91.31	728.81	728.66	444.18
2042-05-29	5.66	5.47	4.86	2.72	2.53	2.25	0.54	0.35	0.32	3.16	3.14	2.79	2.51	2.50	2.22	0.75	0.73	0.66	114.34	114.20	70.84	147.22	147.08	90.81	728.17	728.04	443.68
2042-05-30	4.94	4.77	4.17	2.37	2.20	1.93	0.47	0.30	0.27	2.76	2.74	2.40	2.20	2.19	1.91	0.65	0.64	0.56	113.98	113.85	70.43	146.86	146.73	90.40	727.82	727.69	443.28
2042-05-31	4.44	4.28	3.65	2.13	1.97	1.68	0.43	0.27	0.23	2.48	2.46	2.10	1.97	1.96	1.67	0.58	0.58	0.49	114.39	114.22	70.67	147.27	147.10	90.64	728.23	728.06	443.51
2042-06-01	4.00	3.85	3.24	1.92	1.78	1.50	0.38	0.24	0.21	2.23	2.22	1.86	1.78	1.77	1.48	0.53	0.52	0.43	114.56	114.41	85.78	147.44	147.29	110.25	728.40	728.24	542.48
2042-06-02	3.66	3.53	2.92	1.76	1.62	1.35	0.35	0.22	0.19	2.04	2.03	1.67	1.63	1.62	1.33	0.48	0.48	0.39	114.01	113.88	85.38	146.89	146.76	109.84	727.84	727.72	542.08
2042-06-03	3.93	3.76	2.81	1.89	1.71	1.29	0.38	0.20	0.17	2.19	2.18	1.62	1.75	1.74	1.29	0.52	0.51	0.38	113.55	113.44	85.04	146.43	146.32	109.50	727.39	727.28	541.73
2042-06-04	5.15	4.88	2.99	2.47	2.20	1.37	0.49	0.22	0.17	2.88	2.86	1.73	2.29	2.28	1.37	0.68	0.67	0.40	113.18	113.08	84.75	146.06	145.96	109.21	727.02	726.92	541.45
2042-06-05	5.51	5.37	2.98	2.65	2.50	1.37	0.53	0.39	0.18	3.08	3.06	1.72	2.45	2.44	1.37	0.73	0.72	0.40	112.87	112.78	84.51	145.75	145.66	108.97	726.71	726.61	541.20
2042-06-06	4.88	4.71	2.72	2.34	2.17	1.26	0.47	0.30	0.18	2.72	2.71	1.56	2.17	2.16	1.24	0.64	0.64	0.36	112.61	112.52	84.30	145.49	145.40	108.76	726.45	726.36	540.99
2042-06-07	4.21	4.07	2.49	2.02	1.88	1.15	0.40	0.26	0.16	2.35	2.34	1.43	1.87	1.86	1.14	0.55	0.55	0.33	112.39	112.30	84.12	145.27	145.18	108.58	726.22	726.14	540.81
2042-06-08	3.69	3.57	2.30	1.77	1.65	1.06	0.35	0.23	0.15	2.06	2.05	1.32	1.64	1.63	1.05	0.49	0.48	0.31	112.19	112.12	83.96	145.07	145.00	108.42	726.03	725.95	540.66
2042-06-09	3.29	3.18	2.14	1.58	1.47	0.99	0.32	0.21	0.14	1.84	1.82	1.22	1.46	1.45	0.97	0.43	0.43	0.28	112.02	111.95	83.82	144.90	144.83	108.29	725.86	725.79	540.52
2042-06-10	3.04	2.94	2.00	1.46	1.35	0.92	0.29	0.18	0.13	1.70	1.69	1.14	1.35	1.34	0.91	0.40	0.39	0.26	111.88	111.81	83.70	144.76	144.69	108.16	725.72	725.65	540.40
2042-06-11	2.83	2.74	1.88	1.36	1.26	0.87	0.27	0.18	0.13	1.58	1.57	1.07	1.26	1.25	0.85	0.37	0.37	0.25	111.77	111.70	83.59	144.65	144.58	108.06	725.60	725.54	540.29
2042-06-12	3.41	3.24	2.25	1.63	1.47	1.02	0.33	0.16	0.12	1.90	1.89	1.30	1.51	1.50	1.04	0.45	0.44	0.30	111.66	111.61	83.50	144.55	144.49	107.96	725.50	725.44	540.20
2042-06-13	4.64	4.41	3.13	2.23	2.00	1.42	0.44	0.22	0.16	2.59	2.58	1.83	2.06	2.05	1.45	0.61	0.61	0.43	111.57	111.51	83.41	144.45	144.39	107.88	725.41	725.35	540.11
2042-06-14	3.78	3.67	2.47	1.81	1.71	1.16	0.36	0.25	0.19	2.11	2.10	1.40	1.68	1.67	1.12	0.50	0.49	0.33	111.49	111.44	83.34	144.37	144.32	107.80	725.33	725.28	540.03
2042-06-15	4.37	4.16	2.64	2.10	1.89	1.21	0.42	0.21	0.15	2.44	2.43	1.53	1.94	1.93	1.22	0.58	0.57	0.36	140.21	140.16	104.70	173.62	173.57	129.56	950.63	950.58	707.65
2042-06-16	5.94	5.80	3.09	2.85	2.71	1.41	0.57	0.43	0.17	3.31	3.30	1.80	2.64	2.63	1.43	0.78	0.78	0.42	140.14	140.08	104.64	173.54	173.49	129.49	950.55	950.50	707.59
2042-06-17	5.11	4.95	2.86	2.45	2.30	1.32	0.49	0.34	0.19	2.85	2.84	1.64	2.27	2.26	1.31	0.67	0.67	0.38	140.07	140.01	104.58	173.47	173.42	129.44	950.48	950.43	707.53
2042-06-18	4.38	4.23	2.61	2.10	1.96	1.20	0.42	0.27	0.17	2.44	2.43	1.49	1.94	1.93	1.19	0.58	0.57	0.35	140.00	139.95	104.53	173.41	173.36	129.38	950.42	950.37	707.48
2042-06-19	3.82	3.69	2.40	1.84	1.71	1.11	0.37	0.24	0.15	2.13	2.12	1.37	1.70	1.69	1.09	0.50	0.50	0.32	162.66	161.18	117.74	196.07	194.59	142.60	973.08	971.60	720.69
2042-06-20	3.39	3.28	2.22	1.63	1.51	1.02	0.33	0.21	0.14	1.89	1.88	1.27	1.51	1.50	1.01	0.45	0.44	0.29	218.43	216.27	150.28	251.84	249.67	175.13	1028.85	1026.68	753.23

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2042-07-20	0.98	0.96	0.90	0.47	0.45	0.42	0.09	0.07	0.07	0.55	0.54	0.51	0.43	0.43	0.40	0.13	0.12	0.11	55.49	55.43	52.77	74.17	74.11	70.55	450.27	450.20	428.44
2042-07-21	0.96	0.94	0.89	0.46	0.44	0.42	0.09	0.07	0.07	0.54	0.53	0.50	0.43	0.42	0.40	0.13	0.12	0.11	55.38	55.31	52.67	74.06	74.00	70.45	450.15	450.09	428.34
2042-07-22	0.95	0.93	0.88	0.46	0.44	0.41	0.09	0.07	0.07	0.53	0.52	0.50	0.42	0.42	0.39	0.13	0.12	0.11	55.28	55.22	52.59	73.96	73.90	70.37	450.06	450.00	428.26
2042-07-23	0.94	0.92	0.88	0.45	0.43	0.41	0.09	0.07	0.07	0.52	0.52	0.49	0.42	0.41	0.39	0.12	0.12	0.11	55.19	55.13	52.50	73.87	73.81	70.28	449.97	449.91	428.17
2042-07-24	0.93	0.91	0.87	0.45	0.43	0.41	0.09	0.07	0.06	0.52	0.51	0.49	0.41	0.40	0.39	0.12	0.12	0.11	55.11	55.05	52.43	73.79	73.74	70.21	449.89	449.83	428.10
2042-07-25	0.92	0.90	0.86	0.44	0.42	0.40	0.09	0.07	0.06	0.51	0.50	0.48	0.41	0.40	0.38	0.12	0.11	0.11	55.04	54.98	52.37	73.72	73.67	70.15	449.81	449.76	428.04
2042-07-26	0.91	0.89	0.85	0.44	0.42	0.40	0.09	0.07	0.06	0.51	0.50	0.48	0.40	0.40	0.38	0.12	0.11	0.11	54.97	54.92	52.31	73.65	73.60	70.09	449.75	449.70	427.98
2042-07-27	0.90	0.88	0.85	0.43	0.41	0.40	0.09	0.07	0.06	0.50	0.49	0.47	0.40	0.39	0.38	0.12	0.11	0.11	54.91	54.86	52.25	73.59	73.54	70.03	449.69	449.64	427.93
2042-07-28	0.89	0.87	0.84	0.43	0.41	0.39	0.09	0.07	0.06	0.50	0.49	0.47	0.40	0.39	0.37	0.12	0.11	0.11	54.86	54.81	52.21	73.54	73.49	69.99	449.63	449.59	427.88
2042-07-29	0.88	0.87	0.83	0.42	0.41	0.39	0.08	0.07	0.06	0.49	0.48	0.47	0.39	0.38	0.37	0.12	0.11	0.10	54.89	54.84	52.22	73.57	73.52	70.00	449.66	449.62	427.89
2042-07-30	0.88	0.86	0.83	0.42	0.40	0.39	0.08	0.07	0.06	0.49	0.48	0.46	0.39	0.38	0.37	0.12	0.11	0.10	54.91	54.87	52.24	73.59	73.55	70.02	449.69	449.64	427.91
2042-07-31	0.87	0.85	0.82	0.42	0.40	0.39	0.08	0.07	0.06	0.48	0.48	0.46	0.39	0.38	0.37	0.11	0.11	0.10	54.85	54.81	52.19	73.54	73.49	69.96	449.63	449.59	427.86
2042-08-01	0.86	0.84	0.82	0.41	0.40	0.38	0.08	0.07	0.06	0.48	0.47	0.46	0.38	0.38	0.36	0.11	0.11	0.10	54.46	56.31	48.97	75.14	74.99	65.21	451.24	451.08	392.04
2042-08-02	0.85	0.84	0.81	0.41	0.39	0.38	0.08	0.07	0.06	0.48	0.47	0.45	0.38	0.37	0.36	0.11	0.11	0.10	59.20	59.02	51.12	77.88	77.70	67.36	453.97	453.80	394.19
2042-08-03	0.85	0.83	0.81	0.41	0.39	0.38	0.08	0.07	0.06	0.47	0.47	0.45	0.38	0.37	0.36	0.11	0.10	0.10	56.53	56.51	49.10	75.21	75.19	65.34	451.30	451.29	392.16
2042-08-04	0.84	0.83	0.80	0.40	0.39	0.38	0.08	0.06	0.06	0.47	0.46	0.45	0.37	0.37	0.36	0.11	0.10	0.10	56.28	56.19	48.86	74.96	74.88	65.10	451.06	450.97	391.93
2042-08-05	0.84	0.82	0.80	0.40	0.39	0.37	0.08	0.06	0.06	0.47	0.46	0.45	0.37	0.36	0.35	0.11	0.10	0.10	56.86	56.73	49.23	75.54	75.41	65.47	451.64	451.50	392.29
2042-08-06	0.83	0.82	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	58.57	58.36	50.32	77.25	77.04	66.55	453.34	453.13	393.38
2042-08-07	0.83	0.81	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	57.65	57.55	49.73	76.33	76.23	65.97	452.42	452.32	392.79
2042-08-08	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	57.22	57.11	49.44	75.90	75.79	65.68	452.00	451.89	392.51
2042-08-09	0.82	0.80	0.78	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	56.86	56.76	49.21	75.55	75.44	65.45	451.64	451.54	392.27
2042-08-10	0.81	0.80	0.78	0.39	0.38	0.37	0.08	0.07	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	56.57	56.47	49.01	75.25	75.16	65.25	451.35	451.25	392.08
2042-08-11	0.81	0.80	0.78	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	56.32	56.23	48.84	75.00	74.92	65.08	451.10	451.01	391.91
2042-08-12	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	56.10	56.02	48.69	74.78	74.70	64.93	450.88	450.80	391.76
2042-08-13	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	55.92	55.84	48.56	74.60	74.52	64.80	450.69	450.62	391.62
2042-08-14	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	55.75	55.68	48.44	74.44	74.36	64.68	450.53	450.46	391.51
2042-08-15	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	28.85	28.78	25.08	39.22	39.16	34.10	215.32	215.25	187.13
2042-08-16	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.43	0.44	0.35	0.34	0.35	0.10	0.10	0.10	28.72	28.66	24.99	39.10	39.03	34.01	215.19	215.13	187.04
2042-08-17	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	28.61	28.55	24.91	38.99	38.93	33.92	215.08	215.02	186.95
2042-08-18	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	28.51	28.45	24.83	38.89	38.83	33.85	214.98	214.93	186.88
2042-08-19	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	28.42	28.37	24.77	38.80	38.74	33.78	214.90	214.84	186.81
2042-08-20	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	28.34	28.29	24.70	38.72	38.67	33.72	214.82	214.76	186.75
2042-08-21	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	28.27	28.22	24.65	38.65	38.60	33.67	214.74	214.69	186.69
2042-08-22	0.83	0.81	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	28.20	28.16	24.60	38.58	38.53	33.62	214.68	214.63	186.64
2042-08-23	0.87	0.85	0.79	0.42	0.40	0.37	0.08	0.07	0.07	0.48	0.48	0.44	0.38	0.38	0.35	0.11	0.11	0.10	28.14	28.10	24.55	38.52	38.48	33.57	214.62	214.57	186.60
2042-08-24	0.80	0.79	0.79	0.39	0.38	0.37	0.08	0.07	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	28.22	28.16	24.58	38.59	38.54	33.60	214.69	214.64	186.63
2042-08-25	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	28.98	28.89	25.02	39.36	39.26	34.04	215.45	215.36	187.07
2042-08-26	0.84	0.83	0.79	0.41	0.39	0.38	0.08	0.07	0.07	0.47	0.46	0.44	0.37	0.37	0.35	0.11	0.11	0.10	29.25	29.16	25.26	39.63	39.54	34.28	215.72	215.64	187.31
2042-08-27	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.07	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	28.69	28.64	24.89	39.07	39.02	33.91	215.16	215.11	186.94
2042-08-28	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	28.58	28.52	24.81	38.96	38.90	33.83	215.05	215.00	186.86
2042-08-29	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	28.48	28.43	24.74	38.86	38.81	33.76	214.96	214.90	186.79
2042-08-30	0.80	0.79	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	28.40	28.35	24.69	38.78	38.72	33.70	214.87	214.82	186.73
2042-08-31	0.80	0.79	0.80	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2042-09-29	1.02	1.00	1.06	0.49	0.47	0.50	0.10	0.08	0.08	0.57	0.56	0.60	0.45	0.45	0.48	0.13	0.13	0.14	34.04	32.93	36.42	42.94	41.83	45.84	170.17	169.06	180.46
2042-09-30	1.02	1.00	1.07	0.49	0.47	0.50	0.10	0.08	0.08	0.57	0.56	0.61	0.45	0.45	0.48	0.13	0.13	0.14	30.92	30.15	33.59	39.82	39.05	43.00	167.05	166.28	177.63
2042-10-01	2.38	2.22	2.55	1.14	0.99	1.13	0.23	0.08	0.08	1.33	1.32	1.51	1.06	1.05	1.20	0.31	0.31	0.35	28.75	28.45	31.43	37.65	37.35	41.09	164.88	164.58	179.13
2042-10-02	4.79	4.58	5.76	2.30	2.10	2.65	0.46	0.26	0.35	2.67	2.66	3.33	2.13	2.12	2.65	0.63	0.62	0.78	26.72	26.48	29.03	35.62	35.37	38.68	162.85	162.60	176.73
2042-10-03	2.69	2.70	3.72	1.29	1.30	1.78	0.26	0.27	0.34	1.50	1.49	2.08	1.19	1.19	1.66	0.35	0.35	0.49	25.15	24.94	27.19	34.04	33.84	36.85	161.27	161.07	174.89
2042-10-04	2.49	2.41	3.19	1.20	1.12	1.48	0.24	0.16	0.21	1.39	1.38	1.83	1.11	1.10	1.46	0.33	0.32	0.43	23.95	23.78	25.81	32.85	32.68	35.47	160.08	159.91	173.51
2042-10-05	2.33	2.26	2.94	1.12	1.05	1.36	0.22	0.15	0.19	1.30	1.29	1.69	1.04	1.03	1.34	0.31	0.30	0.40	23.06	22.90	24.79	31.95	31.80	34.45	159.18	159.03	172.49
2042-10-06	2.39	2.30	2.97	1.15	1.06	1.36	0.23	0.14	0.17	1.34	1.33	1.72	1.06	1.06	1.37	0.32	0.31	0.40	22.36	22.00	24.01	31.25	30.90	33.67	158.48	158.13	171.71
2042-10-07	2.51	2.42	3.08	1.20	1.11	1.41	0.24	0.15	0.18	1.40	1.39	1.78	1.11	1.11	1.42	0.33	0.33	0.42	22.12	21.78	23.80	31.02	30.68	33.45	158.25	157.91	171.49
2042-10-08	2.40	2.32	2.87	1.15	1.07	1.33	0.23	0.15	0.18	1.34	1.33	1.65	1.07	1.06	1.31	0.32	0.31	0.39	21.89	21.57	23.60	30.79	30.47	33.26	158.02	157.70	171.30
2042-10-09	2.24	2.17	2.62	1.08	1.00	1.21	0.21	0.14	0.17	1.25	1.24	1.50	1.00	0.99	1.19	0.30	0.29	0.35	21.43	21.13	23.08	30.33	30.03	32.74	157.56	157.26	170.78
2042-10-10	2.10	2.03	2.41	1.01	0.94	1.11	0.20	0.14	0.16	1.17	1.16	1.38	0.93	0.92	1.10	0.28	0.27	0.32	21.40	21.10	23.10	30.30	30.00	32.75	157.53	157.23	170.80
2042-10-11	1.97	1.91	2.23	0.95	0.88	1.03	0.19	0.13	0.15	1.10	1.09	1.28	0.87	0.87	1.01	0.26	0.25	0.30	21.34	21.05	23.10	30.24	29.95	32.76	157.47	157.18	170.80
2042-10-12	1.86	1.80	2.08	0.89	0.84	0.96	0.18	0.12	0.14	1.04	1.03	1.19	0.83	0.82	0.95	0.24	0.24	0.28	20.97	20.71	22.68	29.87	29.61	32.33	157.10	156.84	170.38
2042-10-13	1.76	1.71	1.95	0.85	0.79	0.90	0.17	0.12	0.13	0.98	0.97	1.11	0.78	0.78	0.89	0.23	0.23	0.26	20.67	20.45	22.32	29.57	29.35	31.97	156.80	156.58	170.02
2042-10-14	1.68	1.63	1.84	0.81	0.76	0.85	0.16	0.11	0.12	0.94	0.93	1.05	0.75	0.74	0.83	0.22	0.21	0.24	20.41	20.32	22.02	29.31	29.22	31.67	156.54	156.45	169.72
2042-10-15	1.60	1.56	1.74	0.77	0.72	0.81	0.15	0.11	0.12	0.90	0.89	0.99	0.71	0.71	0.79	0.21	0.21	0.23	20.15	20.07	21.74	28.07	27.98	30.33	137.13	137.04	148.66
2042-10-16	1.54	1.49	1.65	0.74	0.69	0.77	0.15	0.10	0.11	0.86	0.85	0.94	0.68	0.68	0.75	0.20	0.20	0.22	19.99	19.91	21.60	27.91	27.83	30.19	136.97	136.89	148.52
2042-10-17	1.55	1.50	1.68	0.74	0.69	0.78	0.15	0.10	0.11	0.86	0.85	0.96	0.69	0.68	0.77	0.20	0.20	0.22	19.82	20.01	21.28	27.73	27.93	29.87	136.79	136.99	148.20
2042-10-18	1.66	1.60	1.88	0.80	0.74	0.86	0.16	0.10	0.12	0.92	0.92	1.08	0.74	0.73	0.86	0.22	0.21	0.25	19.66	19.48	21.10	27.58	27.39	29.69	136.64	136.45	148.02
2042-10-19	1.69	1.64	1.95	0.81	0.76	0.90	0.16	0.11	0.13	0.94	0.93	1.12	0.75	0.74	0.89	0.22	0.22	0.26	19.53	19.35	20.95	27.44	27.27	29.54	136.50	136.33	147.87
2042-10-20	1.61	1.56	1.84	0.77	0.72	0.85	0.15	0.11	0.12	0.90	0.89	1.05	0.71	0.71	0.84	0.21	0.21	0.24	19.41	19.30	20.82	27.32	27.22	29.41	136.38	136.28	147.74
2042-10-21	1.59	1.53	1.79	0.76	0.71	0.83	0.15	0.10	0.11	0.89	0.88	1.03	0.71	0.70	0.82	0.21	0.20	0.24	19.30	19.24	20.78	27.22	27.15	29.37	136.28	136.21	147.70
2042-10-22	1.57	1.47	1.64	0.75	0.66	0.70	0.15	0.06	0.00	0.87	0.86	1.00	0.70	0.69	0.80	0.21	0.20	0.23	19.21	19.15	20.71	27.12	27.07	29.30	136.18	136.13	147.63
2042-10-23	1.60	1.53	1.78	0.77	0.70	0.82	0.15	0.08	0.11	0.89	0.88	1.02	0.71	0.70	0.81	0.21	0.20	0.24	19.12	19.07	20.61	27.04	26.98	29.20	136.10	136.04	147.53
2042-10-24	1.63	1.58	1.80	0.78	0.73	0.84	0.16	0.11	0.12	0.91	0.90	1.03	0.72	0.72	0.82	0.21	0.21	0.24	19.04	18.99	20.53	26.96	26.91	29.12	136.02	135.97	147.45
2042-10-25	1.56	1.51	1.71	0.75	0.70	0.80	0.15	0.10	0.12	0.87	0.86	0.98	0.69	0.68	0.78	0.21	0.20	0.23	18.97	18.93	20.45	26.89	26.84	29.04	135.95	135.90	147.37
2042-10-26	1.49	1.44	1.62	0.72	0.67	0.75	0.14	0.09	0.10	0.83	0.82	0.93	0.66	0.65	0.74	0.20	0.19	0.21	18.98	18.93	20.48	26.90	26.85	29.07	135.96	135.91	147.40
2042-10-27	1.44	1.39	1.55	0.69	0.64	0.72	0.14	0.09	0.10	0.80	0.79	0.88	0.64	0.63	0.70	0.19	0.18	0.20	18.98	18.93	20.51	26.90	26.85	29.10	135.96	135.91	147.43
2042-10-28	1.39	1.30	1.39	0.67	0.57	0.59	0.13	0.04	0.00	0.77	0.77	0.85	0.62	0.61	0.68	0.18	0.18	0.20	18.92	18.87	20.43	26.83	26.78	29.02	135.89	135.84	147.35
2042-10-29	1.34	1.29	1.43	0.64	0.59	0.66	0.13	0.07	0.10	0.75	0.74	0.82	0.60	0.59	0.65	0.18	0.17	0.19	18.86	18.79	20.35	26.77	26.71	28.94	135.83	135.77	147.27
2042-10-30	1.30	1.27	1.38	0.62	0.59	0.64	0.12	0.09	0.10	0.73	0.72	0.79	0.58	0.57	0.62	0.17	0.16	0.18	18.80	18.74	20.29	26.72	26.66	28.88	135.78	135.72	147.21
2042-10-31	1.26	1.23	1.33	0.61	0.57	0.62	0.12	0.09	0.09	0.70	0.70	0.76	0.56	0.55	0.60	0.17	0.16	0.17	18.76	18.70	20.24	26.67	26.62	28.83	135.73	135.68	147.16
2042-11-01	1.23	1.18	1.20	0.59	0.54	0.51	0.12	0.07	0.00	0.69	0.68	0.73	0.55	0.54	0.58	0.16	0.15	0.17	18.71	18.69	19.38	26.63	26.60	27.57	135.69	135.66	140.45
2042-11-02	1.35	1.27	1.34	0.65	0.57	0.57	0.13	0.05	0.00	0.75	0.75	0.82	0.60	0.59	0.65	0.18	0.17	0.19	18.67	18.63	19.31	26.59	26.55	27.50	135.65	135.61	140.38
2042-11-03	1.81	1.75	1.86	0.87	0.81	0.81	0.17	0.11	0.04	1.01	1.01	1.14	0.80	0.81	0.91	0.24	0.24	0.28	18.63	18.59	19.27	26.55	26.51	27.46	135.61	135.57	140.34
2042-11-04	1.47	1.33	1.58	0.70	0.56	0.73	0.14	0.00	0.11	0.82	0.81	0.89	0.65	0.64	0.71	0.19	0.18	0.20	18.60	18.55	19.21	26.51	26.47	27.41	135.57	135.53	140.28
2042-11-05	1.41	1.28	1.51	0.68	0.54	0.70	0.14	0.00	0.10	0.79	0.79	0.86	0.63	0.63	0.69	0.19	0.18	0.20	18.56	18.52	19.18	26.48	26.44	27.37	135.54	135.50	140.25
2042-11-06	1.37	1.24	1.45	0.66	0.53	0.67	0.13	0.00	0.10	0.76	0.76	0.83	0.61	0.60	0.66	0.18	0.18	0.19	18.53	18.49	19.14	26.45	26.40	27.33	135.51	135.46	140.21
2042-11-07	1.35	1.32	1.32	0.65	0.61	0.56	0.13	0.09	0.00	0.75	0.75	0.81	0.60	0.60	0.65	0.18	0.18	0.19	18.51	18.47	19.12	26.42	26.39	27.31	135.48	135.45	140.19
2042-11-08	1.38	1.30	1.41	0.66	0.58	0.64	0.13	0.05	0.07	0.77	0.77	0.83	0.61	0.61	0.66	0.18	0.18	0.20	18.48	18.44	19.09	26.40	26.36	27.28	135.46	135.42	140.16
2042-11-09	1.61	1.55	1.73	0.77	0.71	0.79	0.15	0.09	0.10	0.90	0.90	1.00	0.71	0.71	0.80	0.21	0.21	0.24	18.46	18.42	19.07	26.37	26.34	27.26	135.43	135.40	140.14
2042-11-10	1.88	1.81	2.11	0.90	0.83	0.97	0.18	0.11	0.12	1.05	1.05	1.23	0.84	0.84	0.98	0.25	0.25	0.29									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2042-12-09	1.04	1.00	1.06	0.50	0.46	0.49	0.10	0.06	0.06	0.58	0.57	0.61	0.46	0.45	0.48	0.14	0.13	0.14	17.72	17.68	17.82	25.94	25.90	26.11	116.73	116.69	117.60
2042-12-10	1.02	0.99	1.04	0.49	0.46	0.48	0.10	0.06	0.07	0.57	0.56	0.60	0.45	0.45	0.47	0.13	0.13	0.14	17.72	17.68	17.82	25.94	25.91	26.11	116.73	116.69	117.60
2042-12-11	1.00	0.97	1.03	0.48	0.45	0.47	0.10	0.06	0.07	0.56	0.56	0.59	0.45	0.44	0.47	0.13	0.13	0.14	17.72	17.69	17.82	25.95	25.91	26.11	116.73	116.70	117.60
2042-12-12	0.99	0.96	1.01	0.48	0.45	0.47	0.09	0.07	0.07	0.55	0.55	0.58	0.44	0.44	0.46	0.13	0.13	0.13	17.72	17.69	17.82	25.95	25.92	26.11	116.73	116.70	117.60
2042-12-13	0.98	0.95	0.99	0.47	0.44	0.46	0.09	0.06	0.07	0.54	0.54	0.57	0.43	0.43	0.45	0.13	0.12	0.13	17.72	17.70	17.83	25.95	25.93	26.12	116.73	116.71	117.61
2042-12-14	0.96	0.93	0.98	0.46	0.43	0.45	0.09	0.06	0.06	0.54	0.53	0.56	0.43	0.42	0.44	0.13	0.12	0.13	17.72	17.70	17.83	25.95	25.93	26.12	116.73	116.71	117.61
2042-12-15	0.95	0.92	0.96	0.46	0.43	0.45	0.09	0.06	0.07	0.53	0.53	0.55	0.42	0.42	0.44	0.13	0.12	0.13	12.88	12.86	12.97	18.84	18.81	18.98	78.95	78.93	79.56
2042-12-16	0.94	0.92	0.96	0.45	0.43	0.45	0.09	0.07	0.07	0.52	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.13	12.96	12.93	13.11	18.91	18.89	19.11	79.03	79.00	79.70
2042-12-17	0.93	0.91	0.94	0.45	0.42	0.44	0.09	0.07	0.07	0.52	0.51	0.54	0.41	0.41	0.43	0.12	0.12	0.12	12.83	12.82	12.96	18.79	18.78	18.96	78.90	78.89	79.54
2042-12-18	0.92	0.90	0.93	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.51	0.53	0.41	0.41	0.42	0.12	0.12	0.12	12.83	12.81	12.91	18.79	18.77	18.91	78.90	78.88	79.49
2042-12-19	0.91	0.89	0.92	0.44	0.42	0.43	0.09	0.07	0.07	0.51	0.50	0.52	0.40	0.40	0.42	0.12	0.12	0.12	12.81	12.79	12.89	18.77	18.75	18.89	78.89	78.87	79.47
2042-12-20	0.90	0.88	0.91	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.52	0.40	0.40	0.41	0.12	0.12	0.12	12.81	12.78	12.87	18.77	18.74	18.87	78.89	78.85	79.45
2042-12-21	0.89	0.86	0.89	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.49	0.51	0.40	0.39	0.40	0.12	0.11	0.12	12.82	12.78	12.87	18.77	18.74	18.87	78.89	78.86	79.45
2042-12-22	0.88	0.86	0.88	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.12	12.82	12.79	12.88	18.77	18.75	18.88	78.89	78.87	79.46
2042-12-23	0.87	0.85	0.88	0.42	0.40	0.41	0.08	0.06	0.07	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.12	12.82	12.79	12.88	18.77	18.75	18.88	78.89	78.87	79.46
2042-12-24	0.87	0.85	0.87	0.42	0.40	0.41	0.08	0.07	0.07	0.48	0.48	0.50	0.39	0.38	0.39	0.11	0.11	0.12	12.82	12.80	12.88	18.78	18.75	18.88	78.89	78.87	79.47
2042-12-25	0.86	0.84	0.86	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.48	0.49	0.38	0.38	0.39	0.11	0.11	0.11	12.82	12.80	12.88	18.78	18.76	18.89	78.89	78.87	79.47
2042-12-26	0.85	0.83	0.86	0.41	0.39	0.40	0.08	0.06	0.06	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.11	12.82	12.80	12.88	18.78	18.75	18.88	78.89	78.87	79.47
2042-12-27	0.85	0.82	0.85	0.41	0.38	0.39	0.08	0.06	0.06	0.47	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	12.88	12.85	12.94	18.83	18.81	18.95	78.95	78.92	79.53
2042-12-28	0.84	0.82	0.84	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.47	0.48	0.37	0.37	0.38	0.11	0.11	0.11	12.94	12.92	13.02	18.90	18.88	19.03	79.01	78.99	79.61
2042-12-29	0.84	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.38	0.11	0.11	0.11	12.83	12.81	12.90	18.79	18.77	18.90	78.90	78.88	79.48
2042-12-30	0.83	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	12.82	12.80	12.88	18.78	18.75	18.88	78.89	78.87	79.47
2042-12-31	0.83	0.81	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.11	0.11	12.82	12.80	12.88	18.78	18.76	18.89	78.89	78.87	79.47
2043-01-01	0.82	0.80	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	12.82	12.81	12.79	18.78	18.76	18.74	78.89	78.88	78.82
2043-01-02	0.82	0.80	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	12.82	12.80	12.78	18.78	18.75	18.74	78.90	78.87	78.82
2043-01-03	0.81	0.80	0.81	0.39	0.38	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	12.83	12.80	12.79	18.78	18.76	18.74	78.90	78.87	78.82
2043-01-04	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.07	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.11	0.11	12.83	12.80	12.79	18.78	18.76	18.74	78.90	78.87	78.82
2043-01-05	0.80	0.79	0.80	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.11	12.83	12.80	12.79	18.78	18.76	18.74	78.90	78.87	78.82
2043-01-06	0.80	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.11	12.83	12.81	12.79	18.79	18.76	18.74	78.90	78.88	78.82
2043-01-07	0.80	0.78	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	12.83	12.81	12.79	18.79	18.76	18.75	78.90	78.88	78.83
2043-01-08	0.79	0.77	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	12.93	12.90	12.92	18.89	18.86	18.88	79.00	78.98	78.95
2043-01-09	0.79	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.14	13.10	13.19	19.09	19.06	19.14	79.21	79.17	79.22
2043-01-10	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.02	13.00	13.06	18.98	18.96	19.01	79.09	79.07	79.09
2043-01-11	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	12.83	12.81	12.81	18.79	18.77	18.76	78.90	78.89	78.84
2043-01-12	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	12.81	12.79	12.79	18.77	18.74	18.74	78.88	78.86	78.82
2043-01-13	0.80	0.78	0.83	0.38	0.37	0.39	0.08	0.06	0.06	0.44	0.44	0.47	0.35	0.35	0.37	0.11	0.10	0.11	12.81	12.79	12.78	18.77	18.74	18.73	78.89	78.86	78.81
2043-01-14	0.80	0.79	0.89	0.38	0.37	0.42	0.08	0.06	0.07	0.45	0.44	0.51	0.35	0.35	0.40	0.11	0.10	0.12	12.82	12.79	12.78	18.77	18.74	18.73	78.89	78.86	78.81
2043-01-15	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.54	10.51	10.50	16.62	16.59	16.57	70.33	70.30	70.25
2043-01-16	0.80	0.78	0.77	0.38	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.54	10.51	10.50	16.62	16.60	16.58	70.33	70.31	70.25
2043-01-17	0.80	0.78	0.77	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.54	10.52	10.50	16.62	16.60	16.58	70.33	70.31	70.26
2043-01-18	0.80	0.78	0.78	0.38	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.54	10.52	10.51	16.62	16.60	16.58	70.33	70.31	70.26
2043-01-19	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.54	10.53	10.51	16.62	16.61	16.59	70.33	70.32	70.27
2043-01-20	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.54	10.52	10.51	16.63	16.60	16.59	70.34	70.3	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2043-02-18	0.82	0.80	0.78	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.64	10.62	10.59	15.60	15.58	15.53	66.38	66.35	66.23
2043-02-19	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.64	10.62	10.59	15.60	15.58	15.53	66.38	66.35	66.23
2043-02-20	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.35	0.11	0.11	0.10	10.64	10.62	10.59	15.60	15.58	15.53	66.38	66.35	66.23
2043-02-21	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.35	0.11	0.11	0.10	10.65	10.62	10.59	15.60	15.58	15.53	66.38	66.35	66.23
2043-02-22	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.10	10.65	10.62	10.59	15.60	15.58	15.53	66.38	66.35	66.23
2043-02-23	0.82	0.81	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.10	10.65	10.63	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2043-02-24	0.82	0.81	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.65	10.63	10.59	15.60	15.58	15.54	66.38	66.36	66.24
2043-02-25	0.82	0.81	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.65	10.62	10.59	15.60	15.58	15.54	66.38	66.36	66.23
2043-02-26	0.84	0.82	0.87	0.40	0.38	0.41	0.08	0.06	0.06	0.47	0.46	0.50	0.37	0.37	0.40	0.11	0.11	0.12	10.65	10.63	10.59	15.60	15.58	15.54	66.38	66.36	66.24
2043-02-27	0.89	0.87	1.10	0.43	0.41	0.52	0.08	0.07	0.08	0.49	0.49	0.63	0.39	0.39	0.50	0.12	0.12	0.15	10.65	10.63	10.59	15.60	15.58	15.54	66.38	66.36	66.24
2043-02-28	1.01	0.99	1.28	0.48	0.46	0.60	0.10	0.08	0.10	0.56	0.56	0.73	0.45	0.45	0.59	0.13	0.14	0.18	10.65	10.63	10.60	15.60	15.58	15.54	66.38	66.36	66.24
2043-03-01	1.16	1.13	1.75	0.56	0.52	0.80	0.11	0.08	0.10	0.65	0.65	1.02	0.52	0.52	0.81	0.15	0.15	0.24	10.91	10.87	23.83	15.86	15.83	35.20	66.64	66.60	151.76
2043-03-02	1.06	1.05	1.90	0.51	0.50	0.90	0.10	0.09	0.16	0.59	0.59	1.08	0.47	0.47	0.87	0.14	0.14	0.27	12.23	12.12	27.55	17.19	17.07	38.92	67.96	67.85	155.47
2043-03-03	0.81	0.81	1.20	0.39	0.39	0.58	0.08	0.07	0.12	0.45	0.45	0.66	0.36	0.36	0.53	0.11	0.11	0.16	12.95	12.86	28.43	17.91	17.81	39.80	68.68	68.59	156.36
2043-03-04	0.80	0.78	1.15	0.38	0.37	0.54	0.08	0.06	0.08	0.44	0.44	0.66	0.35	0.35	0.52	0.10	0.10	0.16	11.03	11.06	25.12	15.98	16.01	36.49	66.76	66.79	153.05
2043-03-05	0.79	0.78	1.14	0.38	0.37	0.53	0.08	0.06	0.08	0.44	0.44	0.65	0.35	0.35	0.52	0.10	0.10	0.15	11.00	10.97	24.77	15.95	15.92	36.15	66.73	66.70	152.70
2043-03-06	0.79	0.78	1.11	0.38	0.37	0.52	0.08	0.06	0.08	0.44	0.44	0.63	0.35	0.35	0.50	0.10	0.10	0.15	10.97	10.94	24.56	15.92	15.89	35.94	66.70	66.67	152.49
2043-03-07	0.79	0.78	1.16	0.38	0.37	0.54	0.08	0.06	0.08	0.44	0.44	0.67	0.35	0.35	0.53	0.10	0.10	0.16	10.94	10.91	24.39	15.90	15.87	35.76	66.68	66.65	152.32
2043-03-08	0.80	0.78	1.46	0.38	0.37	0.68	0.08	0.06	0.11	0.44	0.44	0.84	0.35	0.35	0.67	0.10	0.10	0.21	10.92	10.89	24.33	15.87	15.85	35.70	66.65	66.62	152.26
2043-03-09	0.80	0.78	1.34	0.38	0.37	0.63	0.08	0.06	0.11	0.44	0.44	0.76	0.35	0.35	0.60	0.10	0.10	0.18	10.90	10.87	24.29	15.85	15.82	35.67	66.63	66.60	152.22
2043-03-10	0.85	0.83	1.57	0.41	0.39	0.73	0.08	0.06	0.10	0.47	0.47	0.91	0.38	0.37	0.72	0.11	0.11	0.22	10.88	10.85	24.19	15.83	15.80	35.56	66.61	66.58	152.12
2043-03-11	1.09	1.06	2.86	0.52	0.49	1.30	0.10	0.07	0.15	0.61	0.61	1.69	0.48	0.49	1.35	0.14	0.15	0.41	10.86	10.83	24.12	15.81	15.78	35.49	66.59	66.56	152.05
2043-03-12	1.21	1.18	3.26	0.58	0.55	1.51	0.12	0.09	0.21	0.68	0.68	1.89	0.54	0.54	1.51	0.16	0.16	0.46	10.84	10.81	24.20	15.79	15.77	35.57	66.57	66.54	152.13
2043-03-13	0.86	0.86	2.50	0.41	0.41	1.18	0.08	0.08	0.20	0.48	0.48	1.42	0.38	0.38	1.13	0.11	0.11	0.34	10.91	10.87	25.12	15.86	15.83	36.49	66.64	66.61	153.05
2043-03-14	0.85	0.84	2.40	0.41	0.39	1.11	0.08	0.07	0.15	0.48	0.47	1.39	0.38	0.38	1.11	0.11	0.11	0.33	12.04	11.96	27.62	16.99	16.92	38.99	67.77	67.70	155.55
2043-03-15	0.85	0.83	2.63	0.41	0.39	1.21	0.08	0.07	0.16	0.47	0.47	1.52	0.38	0.38	1.21	0.11	0.11	0.36	14.62	14.54	33.68	21.01	20.94	48.36	80.48	80.40	184.85
2043-03-16	0.84	0.83	2.69	0.40	0.39	1.24	0.08	0.07	0.18	0.47	0.47	1.55	0.37	0.37	1.24	0.11	0.11	0.37	13.73	13.74	33.75	20.12	20.13	48.42	79.59	79.60	184.92
2043-03-17	0.84	0.82	2.53	0.40	0.39	1.17	0.08	0.07	0.16	0.47	0.47	1.46	0.37	0.37	1.16	0.11	0.11	0.35	13.51	13.46	33.28	19.91	19.86	47.96	79.37	79.32	184.45
2043-03-18	0.83	0.82	2.51	0.40	0.38	1.16	0.08	0.07	0.16	0.46	0.46	1.45	0.37	0.37	1.15	0.11	0.11	0.34	13.42	13.37	32.19	19.82	19.76	46.86	79.28	79.23	183.36
2043-03-19	0.83	0.81	2.43	0.40	0.38	1.13	0.08	0.07	0.17	0.46	0.46	1.40	0.37	0.37	1.11	0.11	0.11	0.33	13.34	13.29	31.36	19.74	19.68	46.04	79.20	79.15	182.53
2043-03-20	0.82	0.81	2.24	0.39	0.38	1.04	0.08	0.06	0.15	0.46	0.46	1.29	0.36	0.36	1.03	0.11	0.11	0.30	13.27	13.22	30.94	19.66	19.61	45.62	79.13	79.08	182.11
2043-03-21	0.82	0.80	2.09	0.39	0.38	0.97	0.08	0.06	0.14	0.46	0.45	1.20	0.36	0.36	0.96	0.11	0.11	0.28	13.20	13.16	30.63	19.60	19.55	45.31	79.06	79.02	181.80
2043-03-22	0.81	0.80	1.97	0.39	0.38	0.91	0.08	0.06	0.13	0.45	0.45	1.13	0.36	0.36	0.90	0.11	0.11	0.27	13.14	13.10	30.18	19.54	19.49	44.86	79.00	78.96	181.35
2043-03-23	0.82	0.81	2.07	0.39	0.38	0.95	0.08	0.06	0.13	0.46	0.46	1.20	0.37	0.36	0.95	0.11	0.11	0.28	13.08	13.04	29.76	19.48	19.44	44.44	78.94	78.90	180.94
2043-03-24	0.86	0.84	2.17	0.41	0.40	1.00	0.08	0.06	0.14	0.48	0.48	1.25	0.38	0.38	1.00	0.11	0.11	0.30	13.03	12.99	29.42	19.43	19.39	44.10	78.89	78.85	180.59
2043-03-25	0.81	0.80	2.02	0.39	0.38	0.94	0.08	0.07	0.13	0.45	0.45	1.16	0.36	0.36	0.93	0.11	0.11	0.27	12.99	12.95	29.13	19.38	19.34	43.81	78.85	78.81	180.30
2043-03-26	0.81	0.79	1.90	0.39	0.37	0.88	0.08	0.06	0.13	0.45	0.45	1.09	0.36	0.36	0.87	0.11	0.11	0.26	12.95	12.91	28.89	19.34	19.30	43.57	78.80	78.77	180.06
2043-03-27	0.80	0.79	1.80	0.39	0.37	0.83	0.08	0.06	0.12	0.45	0.45	1.03	0.36	0.36	0.82	0.11	0.10	0.24	12.91	12.87	28.79	19.30	19.27	43.47	78.76	78.73	179.96
2043-03-28	0.80	0.79	1.70	0.38	0.37	0.79	0.08	0.06	0.12	0.45	0.44	0.98	0.36	0.35	0.78	0.11	0.10	0.23	12.88	12.85	29.06	19.28	19.24	43.74	78.74	78.71	180.23
2043-03-29	0.80	0.78	1.65	0.38	0.37	0.76	0.08	0.06	0.11	0.44	0.44	0.95	0.35	0.35	0.75	0.10	0.10	0.22	12.88	12.86	29.66	19.27	19.25	44.34	78.74	78.72	180.83
2043-03-30	0.79	0.78	1.60	0.38	0.37	0.74	0.08	0.06	0.11	0.44	0.44	0.92	0.35	0.35	0.73	0.10	0.10	0.22	12.92	12.90	30.11	19.31	19.29	44.79	78.77	78.75	181.28
2043-03-31	0.79	0.78	1.54	0.38	0.37	0.71	0.08	0.06	0.10	0.44	0.44	0.88	0.35	0.35	0.70	0.10	0.10	0.21	13.02	13.00	30.71	19.41	19.39	45.39	78.88	78.86	181.88
2043-04-01	0.79	0.78	1.47	0.38	0.37	0.68	0.08	0.06	0.10	0.44	0.44	0.84	0.35	0.35	0.67	0.10	0.10	0.20	13.39	13.35	31.26	19.78	19.75	45.60	7		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2043-04-30	2.69	2.64	5.78	1.29	1.24	2.67	0.26	0.20	0.38	1.50	1.51	3.32	1.19	1.21	2.65	0.35	0.37	0.79	29.12	29.02	59.79	40.60	40.51	85.55	164.75	164.66	363.89
2043-05-01	2.21	2.15	5.06	1.06	1.00	2.33	0.21	0.16	0.32	1.23	1.23	2.92	0.98	0.98	2.33	0.29	0.29	0.69	28.77	28.68	18.67	40.26	40.17	25.60	164.41	164.31	100.46
2043-05-02	2.09	2.02	4.65	1.00	0.94	2.14	0.20	0.13	0.28	1.17	1.16	2.68	0.93	0.92	2.14	0.28	0.27	0.63	28.66	28.56	18.49	40.15	40.05	25.42	164.30	164.19	100.28
2043-05-03	2.20	2.13	4.45	1.05	0.99	2.04	0.21	0.14	0.26	1.23	1.22	2.57	0.98	0.97	2.05	0.29	0.29	0.60	28.92	28.83	18.34	40.41	40.32	25.27	164.55	164.46	100.13
2043-05-04	2.48	2.42	4.28	1.19	1.13	1.96	0.24	0.17	0.25	1.39	1.39	2.47	1.10	1.11	1.97	0.33	0.34	0.58	29.27	29.21	18.12	40.76	40.70	25.05	164.91	164.85	99.91
2043-05-05	3.06	2.95	4.27	1.47	1.36	1.95	0.29	0.19	0.24	1.71	1.71	2.48	1.36	1.36	1.97	0.40	0.41	0.58	29.66	29.58	17.94	41.15	41.07	24.87	165.30	165.21	99.73
2043-05-06	3.46	3.35	4.26	1.66	1.55	1.95	0.33	0.22	0.24	1.93	1.94	2.46	1.54	1.54	1.96	0.46	0.47	0.58	30.31	30.22	17.78	41.80	41.71	24.71	165.95	165.86	99.57
2043-05-07	3.55	3.43	4.46	1.70	1.58	2.03	0.34	0.22	0.24	1.98	1.98	2.59	1.58	1.58	2.06	0.47	0.47	0.61	30.87	30.79	17.64	42.36	42.28	24.57	166.51	166.42	99.43
2043-05-08	3.78	3.65	4.95	1.81	1.68	2.27	0.36	0.23	0.29	2.11	2.10	2.86	1.68	1.68	2.28	0.50	0.50	0.67	31.40	31.50	17.52	42.89	42.99	24.45	167.04	167.14	99.31
2043-05-09	3.55	3.43	4.72	1.71	1.59	2.17	0.34	0.22	0.29	1.98	1.98	2.72	1.58	1.57	2.16	0.47	0.47	0.64	31.87	31.46	17.41	43.36	42.95	24.34	167.51	167.09	99.20
2043-05-10	3.37	3.25	4.22	1.62	1.49	1.94	0.32	0.20	0.26	1.88	1.87	2.43	1.50	1.49	1.93	0.44	0.44	0.57	31.87	31.54	17.31	43.36	43.02	24.24	167.51	167.17	99.10
2043-05-11	4.11	3.92	4.92	1.97	1.79	2.23	0.39	0.21	0.24	2.29	2.29	2.87	1.82	1.82	2.29	0.54	0.54	0.67	31.89	31.62	17.22	43.37	43.11	24.15	167.52	167.26	99.01
2043-05-12	5.09	4.98	5.91	2.44	2.34	2.79	0.49	0.38	0.49	2.84	2.83	3.33	2.26	2.26	2.65	0.67	0.67	0.78	32.01	31.54	17.14	43.50	43.03	24.07	167.65	167.18	98.93
2043-05-13	4.60	4.45	4.69	2.21	2.06	2.18	0.44	0.29	0.32	2.57	2.56	2.68	2.04	2.04	2.14	0.61	0.61	0.63	33.84	33.25	17.63	45.33	44.74	24.55	169.47	168.89	99.41
2043-05-14	4.76	4.59	4.03	2.29	2.11	1.86	0.46	0.28	0.26	2.66	2.66	2.32	2.12	2.12	1.84	0.63	0.63	0.54	35.56	35.22	18.98	47.05	46.71	25.91	171.19	170.86	100.77
2043-05-15	5.21	5.02	3.54	2.50	2.31	1.64	0.50	0.31	0.23	2.90	2.91	2.03	2.31	2.32	1.62	0.69	0.69	0.48	105.51	105.33	61.49	134.97	134.78	79.25	650.72	650.54	390.25
2043-05-16	6.01	5.80	3.16	2.89	2.68	1.46	0.58	0.37	0.20	3.35	3.36	1.81	2.67	2.68	1.44	0.79	0.81	0.42	104.29	104.11	61.30	133.74	133.56	79.06	649.49	649.32	390.06
2043-05-17	7.70	7.42	2.85	3.70	3.42	1.31	0.74	0.46	0.18	4.30	4.31	1.63	3.42	3.43	1.30	1.01	1.03	0.38	103.61	103.44	61.17	133.07	132.89	78.93	648.82	648.65	389.93
2043-05-18	10.09	9.79	2.59	4.84	4.54	1.20	0.97	0.66	0.17	5.63	5.65	1.49	4.48	4.50	1.18	1.33	1.36	0.35	103.78	103.58	61.27	133.23	133.03	79.03	648.99	648.78	390.03
2043-05-19	11.44	11.72	2.38	5.49	5.77	1.10	1.10	1.38	0.15	6.38	6.39	1.37	5.08	5.10	1.09	1.51	1.53	0.32	103.73	103.55	61.37	133.18	133.00	79.13	648.94	648.76	390.13
2043-05-20	13.07	12.04	2.55	6.28	5.24	1.17	1.25	0.22	0.14	7.29	7.26	1.47	5.81	5.78	1.17	1.72	1.70	0.34	103.10	102.94	61.23	132.55	132.39	78.99	648.30	648.15	389.99
2043-05-21	13.74	13.26	2.95	6.60	6.12	1.35	1.32	0.84	0.16	7.67	7.64	1.71	6.10	6.09	1.36	1.81	1.80	0.40	102.51	102.37	61.10	131.97	131.83	78.86	647.72	647.58	389.86
2043-05-22	11.13	10.46	2.88	5.34	4.68	1.33	1.07	0.40	0.18	6.21	6.19	1.66	4.94	4.93	1.32	1.47	1.46	0.39	107.26	106.80	65.24	136.72	136.25	83.00	652.47	652.00	394.00
2043-05-23	9.19	8.92	2.71	4.41	4.14	1.25	0.88	0.61	0.17	5.13	5.11	1.55	4.08	4.07	1.24	1.21	1.21	0.36	114.91	114.51	73.75	144.36	143.96	91.51	660.11	659.72	402.51
2043-05-24	8.48	8.16	2.66	4.07	3.76	1.22	0.81	0.50	0.16	4.73	4.71	1.53	3.76	3.75	1.22	1.12	1.11	0.36	108.39	108.25	67.62	137.85	137.70	85.39	653.60	653.46	396.39
2043-05-25	8.71	8.35	2.83	4.18	3.82	1.30	0.84	0.47	0.16	4.86	4.84	1.64	3.87	3.86	1.30	1.15	1.14	0.38	106.32	106.10	66.07	135.78	135.56	83.83	651.53	651.31	394.83
2043-05-26	8.21	7.93	2.81	3.94	3.66	1.30	0.79	0.50	0.18	4.58	4.57	1.61	3.65	3.64	1.28	1.08	1.08	0.38	104.87	104.68	65.03	134.32	134.13	82.79	650.08	649.89	393.79
2043-05-27	6.96	6.72	2.57	3.34	3.10	1.19	0.67	0.43	0.17	3.88	3.87	1.47	3.09	3.08	1.17	0.92	0.91	0.34	103.80	103.63	64.24	133.25	133.08	82.00	649.01	648.84	393.00
2043-05-28	6.00	5.79	2.36	2.88	2.67	1.09	0.58	0.37	0.15	3.35	3.34	1.35	2.67	2.66	1.08	0.79	0.78	0.32	102.98	102.83	63.62	132.44	132.29	81.38	648.19	648.04	392.38
2043-05-29	5.65	5.43	2.19	2.71	2.49	1.01	0.54	0.32	0.14	3.15	3.14	1.25	2.51	2.50	1.00	0.74	0.74	0.29	102.35	102.21	63.12	131.80	131.67	80.88	647.55	647.42	391.88
2043-05-30	5.44	5.23	2.04	2.61	2.40	0.95	0.52	0.31	0.13	3.04	3.02	1.17	2.42	2.41	0.93	0.72	0.71	0.27	101.99	101.86	62.71	131.44	131.31	80.48	647.20	647.07	391.47
2043-05-31	5.12	4.92	1.92	2.46	2.26	0.89	0.49	0.29	0.13	2.86	2.84	1.10	2.27	2.26	0.87	0.67	0.67	0.25	102.40	102.23	62.95	131.85	131.69	80.71	647.61	647.44	391.71
2043-06-01	5.76	5.48	1.98	2.77	2.49	0.91	0.55	0.27	0.12	3.21	3.20	1.14	2.56	2.55	0.91	0.76	0.75	0.26	102.57	102.42	66.73	132.03	131.87	80.60	647.78	647.62	481.65
2043-06-02	6.79	6.46	2.06	3.26	2.93	0.95	0.65	0.32	0.13	3.79	3.77	1.18	3.02	3.01	0.94	0.89	0.89	0.27	102.02	101.89	76.33	131.47	131.34	82.00	647.22	647.10	481.25
2043-06-03	6.02	5.82	1.94	2.89	2.68	0.90	0.58	0.37	0.13	3.36	3.35	1.11	2.67	2.66	0.88	0.79	0.79	0.26	101.57	101.45	75.98	131.02	130.91	97.86	646.77	646.66	480.91
2043-06-04	5.45	5.25	1.83	2.62	2.41	0.85	0.52	0.32	0.12	3.04	3.03	1.05	2.42	2.41	0.83	0.72	0.71	0.24	101.19	101.09	75.70	130.65	130.54	97.58	646.40	646.30	480.63
2043-06-05	5.34	5.12	1.74	2.56	2.35	0.80	0.51	0.30	0.12	2.98	2.97	0.99	2.37	2.36	0.79	0.70	0.70	0.23	100.88	100.79	75.46	130.34	130.24	97.33	646.09	645.99	480.38
2043-06-06	5.39	5.17	1.69	2.59	2.36	0.78	0.52	0.29	0.11	3.01	3.00	0.96	2.39	2.38	0.77	0.71	0.70	0.22	100.62	100.53	75.25	130.07	129.99	97.12	645.83	645.74	480.17
2043-06-07	5.60	5.36	1.75	2.69	2.45	0.81	0.54	0.30	0.11	3.12	3.11	1.00	2.49	2.48	0.80	0.74	0.73	0.23	100.40	100.31	75.07	129.85	129.77	96.94	645.60	645.52	479.99
2043-06-08	5.54	5.33	1.77	2.66	2.45	0.82	0.53	0.32	0.12	3.09	3.08	1.01	2.46	2.45	0.81	0.73	0.72	0.24	100.20	100.13	74.91	129.66	129.58	96.79	645.41	645.33	479.84
2043-06-09	5.97	5.69	1.92	2.86	2.59	0.88	0.57	0.30	0.12	3.33	3.31	1.10	2.65	2.64	0.88	0.79	0.78	0.26	100.04	99.96	74.77	129.49	129.42	96.65	645.24	645.17	479.70
2043-06-10	7.59	7.27	2.65	3.64	3.32	1.20	0.73	0.41	0.13	4.23	4.22	1.55	3.37	3.36	1.23	1.00	0.99	0.36	99.89	99.82	74.65	129.34	129.27	96.53	645.10	645.03	479.58
2043-06-11	8.10	7.85	2.76	3.89	3.64	1.29	0																				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2043-07-10	1.46	1.42	1.13	0.70	0.66	0.53	0.14	0.10	0.08	0.82	0.81	0.64	0.65	0.64	0.51	0.19	0.19	0.15	154.97	154.89	147.44	189.93	189.85	180.72	1005.79	1005.71	957.34
2043-07-11	1.41	1.37	1.11	0.68	0.64	0.52	0.14	0.10	0.08	0.79	0.78	0.63	0.63	0.62	0.50	0.19	0.18	0.14	154.51	154.39	146.98	189.47	189.35	180.26	1005.33	1005.21	956.88
2043-07-12	1.36	1.33	1.08	0.65	0.62	0.51	0.13	0.09	0.08	0.76	0.75	0.61	0.61	0.60	0.49	0.18	0.17	0.14	154.13	154.02	146.64	189.09	188.98	179.92	1004.95	1004.84	956.54
2043-07-13	1.32	1.28	1.06	0.63	0.60	0.50	0.13	0.09	0.08	0.74	0.73	0.60	0.59	0.58	0.48	0.17	0.17	0.14	153.81	153.71	146.36	188.77	188.67	179.64	1004.63	1004.53	956.25
2043-07-14	1.28	1.25	1.04	0.61	0.58	0.49	0.12	0.09	0.08	0.71	0.71	0.59	0.57	0.56	0.47	0.17	0.16	0.13	153.54	153.45	146.12	188.50	188.41	179.40	1004.36	1004.27	956.01
2043-07-15	1.24	1.21	1.02	0.60	0.56	0.48	0.12	0.09	0.07	0.69	0.69	0.58	0.55	0.54	0.46	0.16	0.16	0.13	153.16	153.08	145.84	188.24	188.15	179.16	1004.10	1004.01	955.77
2043-07-16	1.21	1.18	1.01	0.58	0.55	0.47	0.12	0.08	0.07	0.68	0.67	0.57	0.54	0.53	0.45	0.16	0.15	0.13	152.79	152.71	145.57	188.00	187.91	178.92	1003.84	1003.75	955.53
2043-07-17	1.18	1.15	0.99	0.57	0.54	0.46	0.11	0.08	0.07	0.66	0.65	0.56	0.52	0.52	0.44	0.16	0.15	0.13	152.42	152.34	145.30	187.76	187.67	178.68	1003.58	1003.49	955.29
2043-07-18	1.15	1.12	0.98	0.55	0.52	0.46	0.11	0.08	0.07	0.64	0.64	0.55	0.51	0.50	0.44	0.15	0.15	0.12	152.05	151.97	145.03	187.52	187.43	178.44	1003.32	1003.23	955.05
2043-07-19	1.13	1.10	0.96	0.54	0.51	0.45	0.11	0.08	0.07	0.63	0.62	0.54	0.50	0.49	0.43	0.15	0.14	0.12	151.68	151.60	144.76	187.28	187.19	178.20	1003.06	1002.97	954.81
2043-07-20	1.10	1.08	0.95	0.53	0.50	0.44	0.11	0.08	0.07	0.62	0.61	0.53	0.49	0.48	0.42	0.15	0.14	0.12	151.31	151.23	144.49	187.04	186.95	177.96	1002.80	1002.71	954.57
2043-07-21	1.08	1.06	0.94	0.52	0.49	0.44	0.10	0.08	0.07	0.60	0.60	0.53	0.48	0.47	0.42	0.14	0.14	0.12	150.94	150.86	144.22	186.80	186.71	177.72	1002.54	1002.45	954.33
2043-07-22	1.06	1.04	0.92	0.51	0.48	0.43	0.10	0.08	0.07	0.59	0.58	0.52	0.47	0.46	0.41	0.14	0.13	0.12	150.57	150.49	143.95	186.56	186.47	177.48	1002.28	1002.19	954.09
2043-07-23	1.57	1.49	1.43	0.75	0.68	0.65	0.15	0.08	0.07	0.88	0.87	0.83	0.70	0.69	0.66	0.21	0.20	0.19	170.17	170.11	166.78	192.04	191.99	187.60	1004.95	1004.87	957.25
2043-07-24	2.49	2.37	2.29	1.20	1.08	1.04	0.24	0.12	0.12	1.39	1.38	1.33	1.11	1.10	1.06	0.33	0.32	0.31	70.09	70.03	66.71	91.96	91.91	87.53	558.95	558.89	532.12
2043-07-25	1.52	1.52	1.37	0.73	0.73	0.66	0.15	0.15	0.14	0.85	0.84	0.75	0.67	0.67	0.59	0.20	0.19	0.17	70.02	69.96	66.64	91.89	91.84	87.47	558.87	558.82	531.99
2043-07-26	1.46	1.42	1.27	0.70	0.66	0.59	0.14	0.10	0.09	0.81	0.81	0.72	0.65	0.64	0.57	0.19	0.19	0.17	69.95	69.90	66.58	91.82	91.77	87.41	558.81	558.76	531.93
2043-07-27	1.41	1.37	1.24	0.68	0.64	0.58	0.13	0.09	0.09	0.78	0.78	0.70	0.62	0.62	0.56	0.19	0.18	0.16	69.89	69.84	66.53	91.77	91.72	87.35	558.75	558.70	531.87
2043-07-28	1.36	1.32	1.21	0.65	0.62	0.56	0.13	0.09	0.09	0.76	0.75	0.68	0.60	0.60	0.54	0.18	0.17	0.16	69.84	69.79	66.48	91.71	91.66	87.31	558.69	558.65	531.83
2043-07-29	1.32	1.28	1.17	0.63	0.60	0.55	0.13	0.09	0.08	0.73	0.73	0.66	0.58	0.58	0.53	0.17	0.17	0.15	69.87	69.82	66.50	91.74	91.69	87.32	558.72	558.67	531.84
2043-07-30	1.30	1.26	1.16	0.62	0.59	0.54	0.12	0.09	0.08	0.73	0.72	0.65	0.58	0.57	0.52	0.17	0.16	0.15	69.89	69.85	66.51	91.76	91.72	87.34	558.75	558.70	531.86
2043-07-31	1.28	1.25	1.14	0.62	0.58	0.53	0.12	0.09	0.08	0.72	0.71	0.64	0.57	0.56	0.51	0.17	0.16	0.15	69.84	69.79	66.46	91.71	91.66	87.28	558.69	558.65	531.81
2043-08-01	1.25	1.21	1.11	0.60	0.57	0.52	0.12	0.09	0.08	0.70	0.69	0.63	0.55	0.55	0.50	0.16	0.16	0.14	71.44	71.29	61.89	93.31	93.16	80.86	560.30	560.14	485.97
2043-08-02	1.21	1.18	1.09	0.58	0.55	0.51	0.12	0.09	0.08	0.68	0.67	0.62	0.54	0.53	0.49	0.16	0.15	0.14	74.18	74.00	64.03	96.05	95.87	83.01	563.03	562.86	488.11
2043-08-03	1.21	1.18	1.07	0.58	0.55	0.50	0.12	0.08	0.08	0.67	0.67	0.61	0.54	0.53	0.48	0.16	0.15	0.14	71.51	71.49	62.01	93.38	93.36	80.99	560.36	560.35	486.10
2043-08-04	1.20	1.17	1.06	0.58	0.55	0.50	0.12	0.09	0.08	0.67	0.66	0.60	0.53	0.53	0.47	0.16	0.15	0.14	71.26	71.17	61.78	93.14	93.05	80.75	560.12	560.03	485.86
2043-08-05	1.17	1.14	1.04	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.65	0.59	0.52	0.51	0.47	0.15	0.15	0.13	71.84	71.71	62.14	93.71	93.58	81.12	560.70	560.56	486.23
2043-08-06	1.15	1.12	1.02	0.55	0.52	0.48	0.11	0.08	0.08	0.64	0.63	0.57	0.51	0.50	0.46	0.15	0.14	0.13	73.55	73.34	63.22	95.42	95.21	82.19	562.40	562.19	487.30
2043-08-07	1.12	1.09	1.00	0.54	0.51	0.47	0.11	0.08	0.07	0.63	0.62	0.57	0.50	0.49	0.45	0.15	0.14	0.13	72.63	72.53	62.64	94.50	94.40	81.61	561.48	561.38	486.72
2043-08-08	1.10	1.07	0.99	0.53	0.50	0.46	0.11	0.08	0.07	0.61	0.60	0.56	0.49	0.48	0.44	0.14	0.14	0.13	72.20	72.09	62.35	94.07	93.96	81.33	561.06	560.95	486.44
2043-08-09	1.08	1.05	0.97	0.52	0.49	0.45	0.10	0.08	0.07	0.60	0.59	0.55	0.48	0.47	0.43	0.14	0.13	0.12	71.84	71.74	62.12	93.72	93.62	81.10	560.70	560.60	486.20
2043-08-10	1.06	1.03	0.96	0.51	0.48	0.45	0.10	0.08	0.07	0.59	0.58	0.54	0.47	0.46	0.43	0.14	0.13	0.12	71.55	71.45	61.92	93.42	93.33	80.90	560.41	560.31	486.01
2043-08-11	1.04	1.02	0.95	0.50	0.48	0.44	0.10	0.08	0.07	0.58	0.57	0.53	0.46	0.45	0.42	0.14	0.13	0.12	71.30	71.21	61.76	93.17	93.09	80.73	560.16	560.07	485.84
2043-08-12	1.02	1.00	0.94	0.49	0.47	0.44	0.10	0.08	0.07	0.57	0.56	0.53	0.45	0.45	0.42	0.13	0.13	0.12	71.08	71.00	61.60	92.96	92.87	80.58	559.94	559.86	485.69
2043-08-13	1.00	0.98	0.92	0.48	0.46	0.43	0.10	0.07	0.07	0.56	0.55	0.52	0.45	0.44	0.41	0.13	0.13	0.12	70.90	70.82	61.47	92.77	92.69	80.45	559.75	559.68	485.56
2043-08-14	0.99	0.97	0.91	0.48	0.45	0.43	0.09	0.07	0.07	0.55	0.54	0.51	0.44	0.43	0.41	0.13	0.12	0.12	70.73	70.66	61.36	92.61	92.54	80.33	559.59	559.52	485.44
2043-08-15	0.98	0.95	0.90	0.47	0.45	0.42	0.09	0.07	0.07	0.54	0.54	0.51	0.43	0.43	0.40	0.13	0.12	0.11	31.93	31.87	27.72	43.49	43.42	37.75	242.99	242.92	210.81
2043-08-16	0.96	0.94	0.89	0.46	0.44	0.42	0.09	0.07	0.07	0.54	0.53	0.50	0.43	0.42	0.40	0.13	0.12	0.11	31.81	31.74	27.63	43.37	43.30	37.65	242.86	242.80	210.72
2043-08-17	0.95	0.93	0.88	0.46	0.43	0.41	0.09	0.07	0.07	0.53	0.52	0.50	0.42	0.41	0.39	0.13	0.12	0.11	31.70	31.64	27.54	43.26	43.19	37.57	242.75	242.69	210.64
2043-08-18	0.94	0.92	0.87	0.45	0.43	0.41	0.09	0.07	0.07	0.52	0.52	0.49	0.42	0.41	0.39	0.12	0.12	0.11	31.60	31.54	27.47	43.16	43.10	37.50	242.65	242.60	210.56
2043-08-19	0.94	0.92	0.87	0.45	0.43	0.41	0.09	0.07	0.07	0.52	0.52	0.49	0.42	0.41	0.39	0.12	0.12	0.11	31.51	31.45	27.40	43.07	43.01	37.43	242.57	242.51	210.49
2043-08-20	1.50	1.42	1.22	0.72	0.65	0.56	0.14	0.07	0.07	0.83	0.83	0.70	0.66	0.66	0.56	0.20	0.19	0.16	31.43	31.38	27.34	42.99	42.93	37.37	242.49	242.43	210.43
2043-08-21	2.77	2.62	2.17	1.33	1.17	0.																					

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2043-09-19	1.17	1.14	1.07	0.56	0.53	0.50	0.11	0.08	0.08	0.65	0.64	0.60	0.52	0.51	0.48	0.15	0.15	0.14	23.26	23.12	24.69	31.98	31.83	33.97	164.83	164.68	175.42
2043-09-20	1.14	1.11	1.05	0.55	0.52	0.49	0.11	0.08	0.08	0.64	0.63	0.59	0.51	0.50	0.47	0.15	0.14	0.14	22.35	22.25	23.67	31.07	30.96	32.95	163.92	163.81	174.40
2043-09-21	2.00	1.89	1.93	0.96	0.85	0.86	0.19	0.08	0.08	1.12	1.11	1.13	0.89	0.88	0.90	0.26	0.26	0.26	21.95	21.84	23.22	30.67	30.56	32.50	163.52	163.41	173.94
2043-09-22	4.09	3.86	4.08	1.96	1.74	1.84	0.39	0.17	0.19	2.28	2.27	2.39	1.82	1.81	1.90	0.54	0.53	0.56	22.02	21.90	23.29	30.74	30.61	32.57	163.58	163.46	174.01
2043-09-23	2.80	2.76	2.88	1.34	1.31	1.37	0.27	0.23	0.24	1.56	1.55	1.62	1.24	1.24	1.29	0.37	0.36	0.38	22.50	22.35	23.82	31.22	31.07	33.10	164.06	163.92	174.54
2043-09-24	2.39	2.33	2.37	1.15	1.08	1.10	0.23	0.16	0.17	1.34	1.33	1.35	1.06	1.06	1.07	0.32	0.31	0.31	23.74	23.52	25.22	32.45	32.24	34.50	165.30	165.09	175.94
2043-09-25	2.31	2.23	2.27	1.11	1.03	1.05	0.22	0.14	0.14	1.29	1.28	1.30	1.03	1.02	1.04	0.30	0.30	0.30	24.53	24.31	26.13	33.25	33.03	35.41	166.10	165.88	176.85
2043-09-26	2.23	2.16	2.20	1.07	1.00	1.02	0.21	0.14	0.14	1.24	1.24	1.26	0.99	0.98	1.00	0.29	0.29	0.29	23.62	23.48	25.12	32.34	32.20	34.40	165.19	165.04	175.84
2043-09-27	2.08	2.02	2.05	1.00	0.94	0.95	0.20	0.13	0.14	1.16	1.15	1.17	0.93	0.92	0.93	0.27	0.27	0.27	22.98	22.85	24.38	31.70	31.56	33.66	164.54	164.41	175.10
2043-09-28	1.96	1.90	1.93	0.94	0.88	0.89	0.19	0.13	0.13	1.09	1.08	1.10	0.87	0.86	0.88	0.26	0.25	0.26	26.30	25.93	28.01	35.01	34.64	37.29	167.86	167.49	178.73
2043-09-29	1.85	1.79	1.82	0.89	0.83	0.84	0.18	0.12	0.12	1.03	1.02	1.04	0.82	0.81	0.83	0.24	0.24	0.24	34.86	33.75	37.58	43.58	42.47	46.86	176.43	175.32	188.31
2043-09-30	1.75	1.70	1.72	0.84	0.79	0.80	0.17	0.12	0.12	0.98	0.97	0.98	0.78	0.77	0.78	0.23	0.22	0.23	31.74	30.97	34.72	40.46	39.69	44.00	173.31	172.54	185.44
2043-10-01	1.67	1.62	1.64	0.80	0.75	0.76	0.16	0.11	0.11	0.93	0.92	0.93	0.74	0.73	0.74	0.22	0.21	0.22	29.58	29.28	31.97	38.29	37.99	41.47	171.14	170.84	186.28
2043-10-02	1.59	1.55	1.57	0.76	0.72	0.73	0.15	0.11	0.11	0.89	0.88	0.89	0.71	0.70	0.71	0.21	0.20	0.21	27.54	27.30	30.02	36.26	36.02	39.52	169.11	168.86	184.33
2043-10-03	1.53	1.48	1.50	0.73	0.69	0.70	0.15	0.10	0.10	0.85	0.84	0.85	0.68	0.67	0.68	0.20	0.19	0.20	25.97	25.77	28.22	34.69	34.48	37.73	167.53	167.33	182.53
2043-10-04	1.69	1.63	1.69	0.81	0.75	0.78	0.16	0.10	0.10	0.94	0.94	0.97	0.75	0.74	0.77	0.22	0.22	0.23	24.78	24.60	26.83	33.49	33.32	36.33	166.34	166.17	181.13
2043-10-05	2.28	2.18	2.44	1.10	0.99	1.11	0.22	0.12	0.12	1.27	1.27	1.43	1.01	1.01	1.13	0.30	0.30	0.33	23.88	23.73	25.80	32.60	32.44	35.30	165.44	165.29	180.11
2043-10-06	2.00	1.95	2.14	0.96	0.91	1.00	0.19	0.14	0.15	1.12	1.11	1.22	0.89	0.88	0.97	0.26	0.26	0.28	23.18	22.82	25.02	31.90	31.54	34.52	164.74	164.39	179.32
2043-10-07	2.20	2.11	2.39	1.06	0.97	1.09	0.21	0.13	0.14	1.23	1.22	1.38	0.98	0.97	1.10	0.29	0.28	0.32	22.94	22.60	24.80	31.66	31.32	34.30	164.51	164.17	179.11
2043-10-08	2.32	2.10	2.61	1.12	0.89	1.20	0.22	0.00	0.15	1.30	1.29	1.51	1.03	1.02	1.20	0.31	0.30	0.35	22.72	22.39	24.61	31.43	31.11	34.11	164.28	163.96	178.91
2043-10-09	2.16	1.96	2.39	1.04	0.83	1.11	0.21	0.00	0.16	1.21	1.20	1.37	0.96	0.95	1.09	0.29	0.28	0.32	22.25	21.96	24.08	30.97	30.67	33.58	163.82	163.52	178.39
2043-10-10	2.03	1.83	2.21	0.97	0.78	1.02	0.19	0.00	0.14	1.13	1.12	1.26	0.90	0.89	1.00	0.27	0.26	0.29	22.22	21.93	24.10	30.94	30.64	33.60	163.79	163.49	178.40
2043-10-11	1.91	1.74	2.06	0.92	0.75	0.95	0.18	0.02	0.13	1.06	1.05	1.18	0.85	0.84	0.94	0.25	0.24	0.27	22.17	21.88	24.10	30.88	30.59	33.60	163.73	163.44	178.41
2043-10-12	1.81	1.74	1.93	0.87	0.80	0.89	0.17	0.11	0.12	1.01	1.00	1.10	0.80	0.79	0.88	0.24	0.23	0.25	21.80	21.53	23.67	30.51	30.25	33.17	163.36	163.10	177.98
2043-10-13	1.88	1.80	2.04	0.90	0.83	0.93	0.18	0.11	0.12	1.05	1.03	1.17	0.83	0.82	0.93	0.25	0.24	0.27	21.49	21.28	23.31	30.21	29.99	32.81	163.06	162.84	177.62
2043-10-14	1.93	1.88	2.17	0.93	0.88	1.01	0.19	0.14	0.16	1.08	1.07	1.24	0.86	0.86	0.99	0.25	0.25	0.30	21.23	21.14	23.01	29.95	29.86	32.51	162.80	162.71	177.32
2043-10-15	1.82	1.77	1.88	0.88	0.82	0.80	0.17	0.12	0.00	1.02	1.01	1.15	0.81	0.80	0.92	0.24	0.23	0.27	20.63	20.55	22.36	28.99	28.90	31.47	143.35	143.26	156.12
2043-10-16	1.73	1.67	1.77	0.83	0.77	0.75	0.17	0.11	0.00	0.97	0.95	1.08	0.77	0.76	0.86	0.23	0.22	0.25	20.47	20.39	22.22	28.83	28.75	31.33	143.19	143.11	155.98
2043-10-17	1.71	1.66	2.14	0.82	0.77	1.14	0.16	0.11	0.40	0.95	0.94	1.07	0.76	0.75	0.85	0.22	0.22	0.25	20.30	20.49	21.90	28.65	28.85	31.01	143.01	143.21	155.66
2043-10-18	1.72	2.21	1.76	0.82	1.32	0.75	0.16	0.66	0.00	0.96	0.96	1.08	0.76	0.76	0.86	0.23	0.23	0.25	20.14	19.96	21.72	28.50	28.31	30.83	142.86	142.67	155.48
2043-10-19	1.67	1.51	1.78	0.80	0.64	0.80	0.16	0.00	0.08	0.93	0.92	1.04	0.74	0.73	0.83	0.22	0.21	0.24	20.01	19.83	21.57	28.36	28.19	30.68	142.72	142.55	155.33
2043-10-20	1.67	1.56	1.85	0.80	0.69	0.85	0.16	0.05	0.12	0.93	0.93	1.06	0.74	0.74	0.84	0.22	0.21	0.25	19.89	19.78	21.44	28.24	28.14	30.55	142.60	142.50	155.20
2043-10-21	1.67	1.63	1.88	0.80	0.76	0.87	0.16	0.11	0.13	0.93	0.93	1.07	0.74	0.74	0.85	0.22	0.21	0.25	19.78	19.72	21.38	28.14	28.07	30.49	142.50	142.43	155.14
2043-10-22	1.60	1.55	1.78	0.77	0.72	0.82	0.15	0.11	0.12	0.89	0.88	1.01	0.71	0.70	0.81	0.21	0.20	0.24	19.69	19.63	21.32	28.04	27.99	30.43	142.40	142.35	155.08
2043-10-23	1.53	1.49	1.69	0.74	0.69	0.78	0.15	0.10	0.11	0.86	0.84	0.96	0.68	0.67	0.77	0.20	0.19	0.22	19.60	19.55	21.23	27.96	27.90	30.33	142.32	142.26	154.99
2043-10-24	1.47	1.44	1.51	0.71	0.67	0.64	0.14	0.10	0.00	0.82	0.81	0.92	0.65	0.65	0.73	0.19	0.19	0.21	19.52	19.47	21.14	27.88	27.83	30.25	142.24	142.19	154.90
2043-10-25	1.42	1.32	1.55	0.68	0.58	0.71	0.14	0.03	0.10	0.79	0.79	0.89	0.63	0.62	0.71	0.19	0.18	0.20	19.45	19.41	21.06	27.81	27.76	30.17	142.17	142.12	154.82
2043-10-26	1.38	1.34	1.51	0.66	0.63	0.70	0.13	0.10	0.10	0.77	0.76	0.86	0.61	0.60	0.68	0.18	0.17	0.20	19.46	19.41	21.09	27.82	27.77	30.20	142.18	142.12	154.85
2043-10-27	1.33	1.29	1.44	0.64	0.60	0.67	0.13	0.08	0.09	0.74	0.73	0.82	0.59	0.58	0.65	0.18	0.17	0.19	19.46	19.41	21.13	27.82	27.77	30.24	142.18	142.13	154.89
2043-10-28	1.30	1.27	1.41	0.62	0.59	0.66	0.12	0.09	0.10	0.73	0.72	0.80	0.58	0.57	0.63	0.17	0.16	0.18	19.40	19.35	21.06	27.75	27.70	30.17	142.11	142.06	154.82
2043-10-29	1.27	1.15	1.27	0.61	0.49	0.54	0.12	0.00	0.00	0.71	0.70	0.78	0.57	0.56	0.62	0.17	0.16	0.18	19.34	19.27	20.97	27.70	27.63	30.08	142.05	141.99	154.73
2043-10-30	1.24	1.14	1.24	0.60	0.49	0.53	0.12	0.01	0.00	0.69	0.69	0.76	0.55	0.55	0.60	0.16	0.16	0.17	19.28	19.22	20.91	27.64	27.58	30.02	142.00	141.94	154.67
2043-10-31	1.25	1.21	1.23	0.60	0.56	0.52	0.12	0.09	0.00	0.69	0.69	0.75	0.55	0.55	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2043-11-29	1.08	1.05	1.11	0.52	0.48	0.52	0.10	0.07	0.07	0.60	0.60	0.64	0.48	0.48	0.51	0.14	0.14	0.15	18.56	18.53	19.23	26.97	26.93	27.96	123.13	123.10	127.86
2043-11-30	1.06	1.03	1.10	0.51	0.48	0.51	0.10	0.07	0.08	0.59	0.59	0.63	0.47	0.47	0.50	0.14	0.14	0.15	18.55	18.52	19.23	26.96	26.93	27.96	123.12	123.09	127.86
2043-12-01	1.09	1.06	1.13	0.52	0.49	0.52	0.10	0.07	0.08	0.61	0.60	0.64	0.48	0.48	0.51	0.14	0.14	0.15	18.54	18.52	18.70	26.95	26.93	27.18	123.11	123.09	124.17
2043-12-02	1.14	1.11	1.19	0.55	0.52	0.56	0.11	0.08	0.09	0.64	0.63	0.68	0.51	0.51	0.54	0.15	0.15	0.16	18.54	18.52	18.69	26.94	26.92	27.17	123.10	123.08	124.16
2043-12-03	1.10	1.08	1.15	0.53	0.50	0.54	0.11	0.08	0.08	0.62	0.61	0.66	0.49	0.49	0.52	0.15	0.14	0.15	18.53	18.50	18.67	26.93	26.91	27.15	123.10	123.07	124.14
2043-12-04	1.08	1.05	1.12	0.52	0.48	0.52	0.10	0.07	0.07	0.60	0.60	0.64	0.48	0.48	0.51	0.14	0.14	0.15	18.52	18.49	18.66	26.93	26.89	27.14	123.09	123.06	124.13
2043-12-05	1.06	1.02	1.09	0.51	0.47	0.50	0.10	0.06	0.06	0.59	0.59	0.62	0.47	0.47	0.50	0.14	0.13	0.14	18.52	18.47	18.65	26.92	26.88	27.12	123.08	123.04	124.11
2043-12-06	1.04	1.01	1.07	0.50	0.47	0.49	0.10	0.07	0.07	0.58	0.58	0.61	0.46	0.46	0.49	0.14	0.13	0.14	18.51	18.47	18.64	26.91	26.87	27.11	123.08	123.03	124.10
2043-12-07	1.03	1.00	1.06	0.49	0.46	0.49	0.10	0.07	0.07	0.57	0.57	0.60	0.46	0.45	0.48	0.14	0.13	0.14	18.50	18.46	18.62	26.91	26.86	27.10	123.07	123.02	124.09
2043-12-08	1.01	0.99	1.04	0.48	0.46	0.48	0.10	0.07	0.08	0.56	0.56	0.59	0.45	0.45	0.47	0.13	0.13	0.14	18.50	18.45	18.62	26.90	26.86	27.10	123.06	123.02	124.08
2043-12-09	0.99	0.97	1.02	0.48	0.45	0.48	0.10	0.07	0.07	0.55	0.55	0.58	0.44	0.44	0.46	0.13	0.13	0.14	18.49	18.45	18.61	26.90	26.85	27.09	123.06	123.02	124.08
2043-12-10	0.98	0.95	1.00	0.47	0.44	0.46	0.09	0.07	0.07	0.55	0.54	0.57	0.44	0.43	0.45	0.13	0.13	0.13	18.49	18.45	18.61	26.90	26.86	27.09	123.06	123.02	124.08
2043-12-11	0.97	0.94	0.99	0.46	0.44	0.46	0.09	0.07	0.07	0.54	0.54	0.56	0.43	0.43	0.45	0.13	0.13	0.13	18.49	18.46	18.61	26.90	26.87	27.09	123.06	123.03	124.08
2043-12-12	0.95	0.93	0.97	0.46	0.43	0.45	0.09	0.07	0.07	0.53	0.53	0.55	0.42	0.42	0.44	0.13	0.12	0.13	18.49	18.47	18.61	26.90	26.87	27.09	123.06	123.03	124.08
2043-12-13	0.94	0.92	0.96	0.45	0.43	0.45	0.09	0.07	0.07	0.53	0.52	0.54	0.42	0.42	0.43	0.12	0.12	0.13	18.50	18.47	18.62	26.90	26.88	27.10	123.06	123.04	124.08
2043-12-14	0.93	0.90	0.94	0.45	0.42	0.43	0.09	0.06	0.06	0.52	0.51	0.53	0.41	0.41	0.42	0.12	0.12	0.12	18.50	18.48	18.62	26.90	26.88	27.10	123.06	123.04	124.09
2043-12-15	0.92	0.88	0.91	0.44	0.40	0.41	0.09	0.04	0.05	0.51	0.50	0.52	0.41	0.40	0.42	0.12	0.11	0.12	13.68	13.66	13.80	19.91	19.88	20.07	83.73	83.71	84.44
2043-12-16	0.91	0.87	0.90	0.44	0.39	0.41	0.09	0.04	0.04	0.51	0.50	0.52	0.40	0.40	0.41	0.12	0.11	0.12	13.76	13.74	13.93	19.98	19.96	20.21	83.81	83.78	84.58
2043-12-17	0.90	0.86	0.89	0.43	0.39	0.41	0.09	0.05	0.05	0.50	0.49	0.51	0.40	0.39	0.41	0.12	0.11	0.11	13.64	13.63	13.78	19.86	19.85	20.06	83.68	83.67	84.43
2043-12-18	0.89	0.86	0.89	0.43	0.39	0.41	0.09	0.05	0.05	0.50	0.49	0.51	0.40	0.39	0.40	0.12	0.11	0.11	13.64	13.62	13.73	19.86	19.84	20.01	83.68	83.66	84.38
2043-12-19	0.89	0.85	0.88	0.42	0.39	0.40	0.08	0.05	0.05	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.11	13.62	13.60	13.71	19.84	19.82	19.99	83.67	83.64	84.36
2043-12-20	0.88	0.84	0.87	0.42	0.39	0.40	0.08	0.05	0.05	0.49	0.48	0.50	0.39	0.38	0.39	0.12	0.11	0.11	13.62	13.59	13.69	19.84	19.81	19.97	83.67	83.63	84.34
2043-12-21	0.87	0.83	0.86	0.42	0.38	0.39	0.08	0.05	0.05	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	13.62	13.59	13.69	19.84	19.81	19.97	83.67	83.64	84.34
2043-12-22	0.86	0.83	0.85	0.41	0.38	0.39	0.08	0.05	0.05	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.11	13.62	13.60	13.70	19.85	19.82	19.97	83.67	83.65	84.35
2043-12-23	0.86	0.83	0.85	0.41	0.38	0.39	0.08	0.05	0.06	0.48	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.62	13.60	13.70	19.85	19.82	19.97	83.67	83.65	84.35
2043-12-24	0.85	0.82	0.84	0.41	0.38	0.39	0.08	0.06	0.06	0.47	0.47	0.48	0.38	0.37	0.38	0.11	0.11	0.11	13.62	13.60	13.70	19.85	19.83	19.98	83.67	83.65	84.35
2043-12-25	0.84	0.82	0.84	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.47	0.48	0.37	0.37	0.38	0.11	0.11	0.11	13.63	13.60	13.70	19.85	19.83	19.98	83.67	83.65	84.35
2043-12-26	0.84	0.82	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.38	0.11	0.11	0.11	13.63	13.60	13.70	19.85	19.83	19.98	83.67	83.65	84.35
2043-12-27	0.83	0.81	0.83	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	13.68	13.66	13.77	19.90	19.88	20.04	83.73	83.70	84.41
2043-12-28	0.83	0.81	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.11	0.11	13.75	13.72	13.85	19.97	19.95	20.12	83.79	83.77	84.49
2043-12-29	0.82	0.80	0.82	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.46	0.37	0.36	0.37	0.11	0.11	0.11	13.64	13.62	13.72	19.86	19.84	19.99	83.68	83.66	84.36
2043-12-30	0.82	0.80	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.46	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	13.63	13.60	13.70	19.85	19.82	19.98	83.67	83.65	84.35
2043-12-31	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.11	13.63	13.61	13.71	19.85	19.83	19.98	83.67	83.65	84.35
2044-01-01	0.81	0.79	0.80	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.10	0.11	13.63	13.61	13.60	19.85	19.83	19.82	83.67	83.66	83.60
2044-01-02	0.80	0.78	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.63	13.60	13.59	19.85	19.83	19.81	83.68	83.65	83.59
2044-01-03	0.80	0.78	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	13.63	13.61	13.59	19.85	19.83	19.81	83.68	83.65	83.59
2044-01-04	0.80	0.77	0.78	0.38	0.36	0.36	0.08	0.05	0.05	0.44	0.44	0.45	0.35	0.35	0.35	0.10	0.10	0.10	13.63	13.61	13.59	19.86	19.83	19.81	83.68	83.65	83.59
2044-01-05	0.79	0.77	0.78	0.38	0.36	0.36	0.08	0.05	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.63	13.61	13.59	19.86	19.83	19.81	83.68	83.65	83.59
2044-01-06	0.79	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.63	13.61	13.60	19.86	19.83	19.81	83.68	83.66	83.60
2044-01-07	0.79	0.78	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	13.64	13.61	13.60	19.86	19.84	19.82	83.68	83.66	83.60
2044-01-08	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.36	0.36	0.38	0.11	0.11	0.11	13.74	13.71	13.73	19.96	19.93	19.95	83.78	83.76	83.73
2044-01-09	0.85	0.84	0.90	0.41	0.39	0.42	0.08	0.06	0.07	0.48	0.47	0.51	0.38	0.38	0.41	0.11	0.11	0.12	13.94	13.91	13.99	20.16	20.13	20.21	83.99	83.95	84.00
2044-01-10	0.80	0.79	0.80	0.38	0.37	0.38	0.08	0.06	0.07	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.11	13.83	13.81	13.86	20.05	20.0				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2044-02-08	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.56	10.63	16.45	16.43	16.55	69.63	69.61	70.21
2044-02-09	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.56	10.63	16.45	16.43	16.55	69.63	69.61	70.21
2044-02-10	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.55	10.62	16.45	16.43	16.55	69.63	69.60	70.21
2044-02-11	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.56	10.63	16.45	16.43	16.55	69.63	69.61	70.21
2044-02-12	0.82	0.80	0.80	0.39	0.37	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.56	10.63	16.45	16.43	16.55	69.63	69.61	70.21
2044-02-13	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.56	10.70	16.45	16.43	16.62	69.63	69.61	70.28
2044-02-14	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.56	10.80	16.45	16.44	16.72	69.63	69.61	70.38
2044-02-15	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.48	10.56	15.38	15.36	15.49	65.48	65.46	66.04
2044-02-16	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.48	10.54	15.39	15.36	15.47	65.48	65.46	66.02
2044-02-17	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.50	10.48	10.54	15.39	15.37	15.47	65.48	65.46	66.02
2044-02-18	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.51	10.48	10.55	15.39	15.37	15.47	65.49	65.46	66.02
2044-02-19	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.51	10.48	10.55	15.39	15.37	15.47	65.49	65.46	66.02
2044-02-20	0.82	0.81	0.80	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.46	0.37	0.36	0.36	0.11	0.11	0.11	10.51	10.48	10.54	15.39	15.37	15.47	65.49	65.46	66.02
2044-02-21	0.82	0.81	0.80	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.46	0.37	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.55	15.39	15.37	15.47	65.49	65.47	66.02
2044-02-22	0.82	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.46	0.37	0.36	0.36	0.11	0.11	0.11	10.51	10.48	10.55	15.39	15.36	15.47	65.49	65.46	66.02
2044-02-23	0.91	0.89	0.95	0.44	0.42	0.44	0.09	0.06	0.06	0.51	0.51	0.54	0.41	0.40	0.43	0.12	0.12	0.13	10.51	10.49	10.55	15.39	15.37	15.48	65.49	65.47	66.03
2044-02-24	1.02	1.00	1.15	0.49	0.46	0.53	0.10	0.07	0.07	0.57	0.57	0.66	0.45	0.45	0.53	0.13	0.13	0.16	10.51	10.49	10.55	15.39	15.37	15.48	65.49	65.47	66.03
2044-02-25	0.83	0.82	0.91	0.40	0.39	0.43	0.08	0.07	0.08	0.46	0.46	0.51	0.37	0.37	0.40	0.11	0.11	0.12	10.51	10.49	10.55	15.39	15.37	15.47	65.49	65.47	66.02
2044-02-26	0.81	0.80	0.86	0.39	0.38	0.41	0.08	0.06	0.07	0.45	0.45	0.49	0.36	0.36	0.39	0.11	0.11	0.11	10.51	10.49	10.55	15.39	15.37	15.48	65.49	65.47	66.03
2044-02-27	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.51	10.49	10.55	15.39	15.37	15.48	65.49	65.47	66.03
2044-02-28	0.81	0.79	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.51	10.49	10.56	15.39	15.37	15.48	65.49	65.47	66.03
2044-02-29	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.77	10.73	11.19	15.65	15.62	16.11	65.75	65.71	66.66
2044-03-01	0.84	0.83	1.17	0.40	0.39	0.53	0.08	0.06	0.06	0.47	0.47	0.68	0.37	0.37	0.54	0.11	0.11	0.16	12.09	11.98	25.49	16.98	16.86	36.47	67.08	66.96	149.23
2044-03-02	0.95	0.93	2.23	0.46	0.43	1.02	0.09	0.07	0.12	0.53	0.53	1.31	0.42	0.42	1.05	0.13	0.13	0.32	12.82	12.72	27.15	17.70	17.60	38.13	67.80	67.70	150.89
2044-03-03	0.99	0.96	2.52	0.47	0.45	1.17	0.09	0.07	0.17	0.55	0.55	1.46	0.44	0.44	1.16	0.13	0.13	0.35	10.89	10.92	23.79	15.77	15.80	34.78	65.87	65.90	147.54
2044-03-04	0.86	0.85	2.25	0.41	0.40	1.06	0.08	0.07	0.18	0.48	0.48	1.28	0.38	0.38	1.02	0.11	0.11	0.31	10.86	10.83	23.53	15.74	15.71	34.51	65.84	65.81	147.27
2044-03-05	0.82	0.81	1.83	0.40	0.38	0.86	0.08	0.07	0.14	0.46	0.46	1.04	0.37	0.36	0.83	0.11	0.11	0.25	10.83	10.80	23.39	15.71	15.68	34.37	65.81	65.78	147.13
2044-03-06	0.80	0.78	1.71	0.38	0.37	0.79	0.08	0.06	0.11	0.45	0.44	0.98	0.36	0.35	0.78	0.11	0.10	0.23	10.81	10.78	23.27	15.69	15.66	34.25	65.79	65.76	147.01
2044-03-07	0.80	0.78	1.63	0.38	0.37	0.76	0.08	0.06	0.11	0.45	0.44	0.94	0.36	0.35	0.74	0.11	0.10	0.22	10.78	10.75	23.25	15.66	15.64	34.24	65.76	65.73	147.00
2044-03-08	0.80	0.78	1.56	0.38	0.37	0.72	0.08	0.06	0.10	0.45	0.44	0.89	0.36	0.35	0.71	0.11	0.10	0.21	10.76	10.73	23.26	15.64	15.61	34.24	65.74	65.71	147.00
2044-03-09	0.80	0.78	1.49	0.38	0.37	0.69	0.08	0.06	0.10	0.45	0.44	0.85	0.36	0.35	0.68	0.11	0.10	0.20	10.74	10.71	23.19	15.62	15.59	34.18	65.72	65.69	146.93
2044-03-10	0.80	0.78	1.43	0.39	0.36	0.66	0.08	0.06	0.09	0.45	0.44	0.82	0.36	0.35	0.65	0.11	0.10	0.19	10.72	10.69	23.15	15.60	15.57	34.14	65.70	65.67	146.90
2044-03-11	0.80	0.78	1.38	0.39	0.37	0.64	0.08	0.06	0.09	0.45	0.44	0.79	0.36	0.35	0.63	0.11	0.10	0.18	10.70	10.67	23.25	15.58	15.56	34.24	65.68	65.65	147.00
2044-03-12	0.80	0.79	1.33	0.39	0.37	0.62	0.08	0.06	0.09	0.45	0.45	0.76	0.36	0.35	0.61	0.11	0.10	0.18	10.77	10.74	24.31	15.65	15.62	35.30	65.75	65.72	148.06
2044-03-13	0.84	0.83	1.42	0.41	0.39	0.65	0.08	0.06	0.09	0.47	0.47	0.81	0.38	0.37	0.65	0.11	0.11	0.19	11.90	11.83	26.81	16.78	16.71	37.80	66.88	66.81	150.55
2044-03-14	0.89	0.87	1.79	0.43	0.41	0.82	0.09	0.07	0.11	0.50	0.50	1.04	0.40	0.39	0.83	0.12	0.12	0.25	12.69	12.61	28.77	17.57	17.49	39.76	67.67	67.59	152.52
2044-03-15	0.81	0.80	1.64	0.39	0.38	0.77	0.08	0.07	0.12	0.45	0.45	0.94	0.36	0.36	0.75	0.11	0.11	0.22	14.51	14.52	35.01	21.31	21.32	50.32	83.57	83.58	190.45
2044-03-16	0.80	0.79	1.58	0.39	0.37	0.73	0.08	0.06	0.11	0.45	0.45	0.90	0.36	0.35	0.72	0.11	0.10	0.21	14.29	14.24	34.51	21.10	21.05	49.82	83.35	83.31	189.95
2044-03-17	0.80	0.79	1.51	0.39	0.37	0.70	0.08	0.06	0.10	0.45	0.45	0.86	0.36	0.35	0.69	0.11	0.10	0.20	14.20	14.15	33.41	21.01	20.95	48.73	83.26	83.21	188.85
2044-03-18	0.80	0.79	1.50	0.39	0.37	0.70	0.08	0.06	0.10	0.45	0.45	0.86	0.36	0.36	0.69	0.11	0.10	0.20	14.12	14.07	32.59	20.92	20.87	47.90	83.18	83.13	188.03
2044-03-19	0.85	0.83	1.86	0.41	0.39	0.85	0.08	0.06	0.11	0.47	0.47	1.08	0.38	0.37	0.86	0.11	0.11	0.26	14.04	14.00	32.18	20.85	20.80	47.50	83.11	83.06	187.62
2044-03-20	0.98	0.95	3.11	0.47	0.44	1.41	0.09	0.07	0.15	0.55	0.54	1.83	0.44	0.43	1.46	0.13	0.13	0.44	13.98	13.93	31.90	20.78	20.74	47.22	83.04	83.00	187.34
2044-03-21	1.04	1.02	3.77	0.50	0.48	1.73	0.10	0.08	0.23	0.58	0.58	2.20	0.46	0.46	1.75	0.14	0.14	0.53	13.92	13.88	31.47	20.72	20.68	46.78	82.98	82	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2044-04-19	1.71	1.67	5.29	0.82	0.78	2.42	0.16	0.12	0.30	0.96	0.96	3.07	0.76	0.77	2.45	0.23	0.23	0.73	28.21	28.14	60.98	39.70	39.63	86.27	163.85	163.78	359.52
2044-04-20	2.78	2.67	5.27	1.33	1.23	2.41	0.27	0.16	0.29	1.55	1.56	3.06	1.23	1.25	2.44	0.37	0.38	0.72	28.22	28.16	61.77	39.71	39.65	87.05	163.85	163.80	360.30
2044-04-21	4.24	4.06	5.68	2.03	1.86	2.59	0.41	0.23	0.30	2.37	2.38	3.32	1.88	1.90	2.64	0.56	0.58	0.78	27.89	27.82	60.81	39.37	39.31	86.09	163.52	163.45	359.34
2044-04-22	4.47	4.52	5.88	2.15	2.20	2.71	0.43	0.48	0.37	2.50	2.52	3.39	1.99	2.01	2.70	0.59	0.61	0.80	27.72	27.66	60.12	39.21	39.15	85.40	163.36	163.29	358.65
2044-04-23	3.43	3.34	5.14	1.64	1.56	2.37	0.33	0.24	0.33	1.91	1.91	2.96	1.52	1.52	2.36	0.45	0.45	0.70	27.58	27.52	59.62	39.07	39.01	84.91	163.22	163.16	358.16
2044-04-24	3.16	3.04	5.10	1.52	1.40	2.33	0.30	0.19	0.29	1.76	1.76	2.96	1.40	1.40	2.36	0.42	0.41	0.70	27.63	27.57	59.35	39.12	39.06	84.63	163.27	163.21	357.88
2044-04-25	2.93	2.83	5.60	1.41	1.30	2.57	0.28	0.18	0.34	1.63	1.63	3.24	1.30	1.30	2.58	0.39	0.39	0.77	28.01	27.96	59.20	39.49	39.45	84.49	163.64	163.60	357.74
2044-04-26	2.67	2.58	5.30	1.28	1.19	2.44	0.26	0.17	0.32	1.49	1.49	3.06	1.19	1.18	2.44	0.35	0.35	0.73	28.80	28.74	59.09	40.29	40.23	84.38	164.44	164.38	357.63
2044-04-27	2.46	2.37	4.61	1.18	1.10	2.13	0.24	0.15	0.30	1.37	1.37	2.66	1.09	1.09	2.12	0.32	0.32	0.63	29.61	29.53	59.20	41.10	41.01	84.48	165.25	165.16	357.73
2044-04-28	2.28	2.20	3.99	1.09	1.02	1.84	0.22	0.14	0.26	1.27	1.27	2.30	1.01	1.01	1.83	0.30	0.30	0.54	29.60	29.54	59.19	41.09	41.03	84.48	165.24	165.18	357.73
2044-04-29	2.12	2.05	3.51	1.02	0.95	1.62	0.20	0.14	0.23	1.18	1.18	2.02	0.94	0.94	1.61	0.28	0.28	0.48	29.12	29.03	58.87	40.61	40.52	84.16	164.76	164.67	357.41
2044-04-30	1.99	1.93	3.13	0.96	0.89	1.45	0.19	0.13	0.20	1.11	1.11	1.80	0.88	0.88	1.44	0.26	0.26	0.43	28.78	28.68	58.55	40.27	40.17	83.84	164.42	164.32	357.09
2044-05-01	1.91	1.85	2.89	0.92	0.86	1.33	0.18	0.13	0.18	1.07	1.07	1.67	0.85	0.85	1.33	0.25	0.25	0.39	28.67	28.57	18.67	40.16	40.06	25.65	164.30	164.21	100.99
2044-05-02	2.20	2.13	2.84	1.06	0.98	1.31	0.21	0.13	0.17	1.23	1.23	1.64	0.98	0.98	1.30	0.29	0.29	0.38	28.92	28.83	18.51	40.41	40.32	25.48	164.56	164.47	100.83
2044-05-03	2.97	2.87	2.86	1.42	1.33	1.31	0.28	0.19	0.17	1.66	1.66	1.65	1.32	1.33	1.31	0.39	0.40	0.38	29.28	29.22	18.29	40.77	40.71	25.26	164.92	164.86	100.61
2044-05-04	3.15	3.04	3.18	1.51	1.40	1.45	0.30	0.19	0.17	1.76	1.76	1.84	1.40	1.40	1.47	0.42	0.42	0.43	29.67	29.59	18.10	41.16	41.08	25.07	165.31	165.22	100.41
2044-05-05	3.86	3.70	3.77	1.85	1.70	1.71	0.37	0.21	0.19	2.15	2.15	2.19	1.71	1.72	1.75	0.51	0.51	0.51	30.32	30.23	17.93	41.81	41.72	24.90	165.96	165.87	100.25
2044-05-06	4.03	3.87	4.28	1.94	1.77	1.95	0.39	0.22	0.22	2.25	2.24	2.49	1.79	1.79	1.99	0.53	0.53	0.59	30.88	30.80	17.78	42.37	42.29	24.75	166.52	166.44	100.10
2044-05-07	4.20	4.10	4.55	2.02	1.91	2.13	0.40	0.30	0.33	2.34	2.34	2.59	1.87	1.87	2.06	0.55	0.56	0.61	31.42	31.52	17.65	42.91	43.00	24.63	167.05	167.15	99.97
2044-05-08	4.05	3.90	4.02	1.94	1.79	1.86	0.39	0.24	0.25	2.26	2.25	2.32	1.80	1.79	1.84	0.53	0.53	0.54	31.89	31.48	17.54	43.38	42.96	24.51	167.53	167.11	99.86
2044-05-09	4.07	3.93	3.63	1.95	1.81	1.68	0.39	0.25	0.23	2.27	2.27	2.09	1.81	1.81	1.66	0.54	0.54	0.49	31.89	31.55	17.44	43.38	43.04	24.41	167.52	167.19	99.76
2044-05-10	4.45	4.27	3.55	2.14	1.96	1.63	0.43	0.25	0.21	2.48	2.48	2.05	1.98	1.98	1.63	0.59	0.59	0.48	31.90	31.64	17.35	43.39	43.13	24.32	167.54	167.27	99.67
2044-05-11	5.62	5.42	3.99	2.70	2.49	1.82	0.54	0.33	0.22	3.14	3.14	2.31	2.50	2.50	1.84	0.74	0.75	0.54	32.03	31.56	17.27	43.52	43.05	24.24	167.66	167.20	99.59
2044-05-12	5.40	5.26	4.30	2.59	2.46	1.98	0.52	0.38	0.27	3.01	3.01	2.47	2.40	2.40	1.97	0.71	0.72	0.58	33.86	33.28	17.74	45.35	44.76	24.72	169.50	168.91	100.06
2044-05-13	4.66	4.50	4.14	2.24	2.08	1.90	0.45	0.29	0.25	2.60	2.59	2.39	2.07	2.06	1.90	0.61	0.61	0.56	35.58	35.20	19.10	47.07	46.68	26.08	171.22	170.83	101.42
2044-05-14	4.25	4.10	3.79	2.04	1.89	1.75	0.41	0.26	0.24	2.37	2.36	2.18	1.89	1.88	1.74	0.56	0.56	0.51	33.26	33.08	18.04	44.75	44.56	25.01	168.90	168.71	100.35
2044-05-15	4.24	4.10	3.36	2.04	1.89	1.55	0.41	0.26	0.22	2.37	2.36	1.93	1.88	1.88	1.54	0.56	0.56	0.45	104.30	104.12	61.71	133.75	133.57	79.59	649.51	649.33	392.60
2044-05-16	4.73	4.56	3.01	2.27	2.10	1.39	0.45	0.29	0.19	2.64	2.64	1.73	2.10	2.11	1.38	0.62	0.63	0.40	103.63	103.45	61.57	133.08	132.91	79.45	648.84	648.66	392.46
2044-05-17	5.82	5.64	2.73	2.79	2.61	1.26	0.56	0.38	0.18	3.25	3.26	1.57	2.58	2.60	1.25	0.77	0.79	0.37	103.79	103.59	61.67	133.25	133.04	79.55	649.00	648.80	392.56
2044-05-18	7.91	9.14	2.81	3.80	5.03	1.29	0.76	1.99	0.16	4.41	4.63	1.62	3.51	3.74	1.29	1.04	1.27	0.38	103.74	103.56	61.77	133.19	133.02	79.64	648.95	648.77	392.65
2044-05-19	8.04	7.27	2.97	3.86	3.09	1.36	0.77	0.00	0.17	4.49	4.40	1.72	3.57	3.49	1.37	1.06	0.99	0.40	103.11	102.95	61.63	132.56	132.40	79.50	648.32	648.16	392.51
2044-05-20	6.28	5.68	2.80	3.01	2.41	1.29	0.60	0.00	0.18	3.50	3.44	1.61	2.79	2.73	1.28	0.83	0.77	0.38	102.52	102.38	61.50	131.98	131.84	79.37	647.73	647.59	392.38
2044-05-21	5.37	4.85	2.56	2.58	2.06	1.18	0.51	0.00	0.17	3.00	2.94	1.47	2.38	2.33	1.17	0.71	0.66	0.34	107.28	106.81	65.65	136.73	136.27	83.53	652.49	652.02	396.54
2044-05-22	4.96	4.78	2.35	2.38	2.20	1.09	0.48	0.30	0.15	2.77	2.72	1.35	2.20	2.16	1.07	0.65	0.61	0.31	114.93	114.53	74.19	144.38	143.98	92.07	660.13	659.74	405.08
2044-05-23	4.83	4.38	2.18	2.32	1.87	1.01	0.46	0.01	0.14	2.69	2.67	1.25	2.14	2.13	0.99	0.64	0.62	0.29	108.41	108.27	68.05	137.86	137.72	85.93	653.61	653.47	398.94
2044-05-24	5.10	4.77	2.04	2.45	2.11	0.94	0.49	0.16	0.13	2.85	2.83	1.17	2.27	2.25	0.93	0.67	0.66	0.27	106.33	106.11	66.48	135.79	135.57	84.36	651.54	651.32	397.37
2044-05-25	5.32	6.14	1.92	2.55	3.37	0.89	0.51	1.32	0.13	2.97	2.98	1.09	2.36	2.37	0.87	0.70	0.71	0.25	104.88	104.68	65.43	134.33	134.14	83.31	650.08	649.89	396.32
2044-05-26	5.03	4.55	1.81	2.41	1.93	0.84	0.48	0.00	0.12	2.80	2.79	1.03	2.23	2.22	0.82	0.66	0.65	0.24	103.80	103.64	64.63	133.26	133.09	82.51	649.01	648.84	395.52
2044-05-27	4.70	4.25	1.71	2.26	1.81	0.79	0.45	0.00	0.11	2.62	2.61	0.98	2.09	2.07	0.78	0.62	0.61	0.23	102.99	102.84	64.01	132.44	132.29	81.89	648.19	648.04	394.90
2044-05-28	4.59	4.15	1.63	2.20	1.76	0.76	0.44	0.00	0.11	2.56	2.55	0.93	2.04	2.03	0.74	0.60	0.60	0.21	102.35	102.22	63.51	131.80	131.67	81.39	647.56	647.42	394.40
2044-05-29	4.73	4.27	1.56	2.27	1.82	0.72	0.45	0.00	0.10	2.64	2.62	0.89	2.10	2.09	0.70	0.62	0.61	0.20	101.99	101.86	63.10	131.45	131.32	80.98	647.20	647.07	393.99
2044-05-30	4.74	4.51	1.49	2.28	2.04	0.69	0.45	0.22	0.10	2.65	2.63	0.85	2.11	2.09	0.67	0.62	0.62	0.19	102.41	102.24	63.34	131.86	131.69	81.21	647.61	647.45	394.23
2044-05-31	4.46	4.29	1.43	2.14	1.97	0.66	0.43	0.26	0.10	2.49	2.48	0															

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2044-06-29	2.50	2.42	1.37	1.20	1.12	0.63	0.24	0.16	0.09	1.40	1.39	0.78	1.11	1.10	0.62	0.33	0.32	0.18	155.44	155.30	115.97	190.40	190.26	141.90	1006.26	1006.12	747.19
2044-06-30	2.31	2.24	1.32	1.11	1.04	0.61	0.22	0.15	0.09	1.29	1.28	0.75	1.03	1.02	0.60	0.30	0.30	0.17	154.89	154.76	115.54	189.85	189.72	141.48	1005.71	1005.58	746.76
2044-07-01	2.16	2.09	1.28	1.03	0.97	0.60	0.21	0.14	0.09	1.20	1.19	0.73	0.96	0.95	0.58	0.28	0.28	0.17	154.44	154.32	115.97	189.40	189.28	180.89	1005.26	1005.14	746.50
2044-07-02	2.02	1.96	1.24	0.97	0.91	0.58	0.19	0.13	0.09	1.13	1.12	0.70	0.90	0.89	0.56	0.27	0.26	0.16	154.07	153.96	115.97	189.03	188.92	180.59	1004.89	1004.78	746.21
2044-07-03	1.90	1.84	1.21	0.91	0.85	0.56	0.18	0.12	0.08	1.06	1.05	0.68	0.84	0.84	0.54	0.25	0.24	0.16	153.76	153.66	115.97	188.72	188.62	180.34	1004.58	1004.48	746.96
2044-07-04	1.80	1.74	1.18	0.86	0.81	0.55	0.17	0.12	0.08	1.00	1.00	0.67	0.80	0.79	0.53	0.24	0.23	0.15	153.62	153.52	115.97	188.58	188.48	180.21	1004.44	1004.34	746.82
2044-07-05	2.55	2.42	1.92	1.22	1.09	0.86	0.24	0.11	0.08	1.42	1.41	1.12	1.13	1.12	0.89	0.34	0.33	0.26	153.49	153.40	115.97	188.45	188.36	180.09	1004.31	1004.22	746.70
2044-07-06	4.42	4.20	3.51	2.12	1.91	1.60	0.42	0.21	0.19	2.46	2.45	2.04	1.96	1.95	1.62	0.58	0.58	0.48	153.27	153.18	115.97	188.23	188.14	179.91	1004.09	1004.00	746.52
2044-07-07	3.20	3.14	2.28	1.53	1.47	1.09	0.31	0.25	0.21	1.78	1.77	1.27	1.42	1.41	1.01	0.42	0.42	0.30	154.45	154.28	115.97	189.41	189.24	181.06	1005.27	1005.10	746.68
2044-07-08	3.04	2.93	2.13	1.46	1.35	0.99	0.29	0.18	0.14	1.69	1.68	1.22	1.35	1.34	0.97	0.40	0.39	0.28	157.07	156.83	115.97	192.03	191.79	183.63	1007.89	1007.65	746.25
2044-07-09	2.82	2.73	2.02	1.35	1.26	0.94	0.27	0.18	0.13	1.57	1.56	1.16	1.25	1.24	0.92	0.37	0.37	0.27	154.97	154.89	115.97	189.93	189.85	181.63	1005.79	1005.71	746.25
2044-07-10	2.58	2.50	1.90	1.24	1.15	0.88	0.25	0.16	0.13	1.44	1.43	1.08	1.15	1.14	0.86	0.34	0.33	0.25	154.51	154.39	115.97	189.47	189.35	181.17	1005.33	1005.21	746.78
2044-07-11	2.38	2.30	1.79	1.14	1.06	0.83	0.23	0.15	0.12	1.33	1.32	1.02	1.06	1.05	0.81	0.31	0.31	0.24	154.13	154.02	115.97	189.09	188.98	180.83	1004.95	1004.84	746.44
2044-07-12	2.69	2.57	2.03	1.29	1.17	0.93	0.26	0.14	0.11	1.50	1.49	1.17	1.19	1.18	0.93	0.35	0.35	0.27	153.81	153.71	115.97	188.77	188.67	180.55	1004.63	1004.53	746.16
2044-07-13	3.74	3.55	3.02	1.80	1.60	1.36	0.36	0.17	0.14	2.09	2.08	1.77	1.66	1.65	1.41	0.49	0.49	0.41	153.54	153.45	115.97	188.50	188.41	180.30	1004.36	1004.27	746.92
2044-07-14	3.35	3.25	2.66	1.61	1.50	1.24	0.32	0.21	0.19	1.87	1.86	1.52	1.49	1.48	1.21	0.44	0.44	0.35	153.31	153.23	115.97	188.27	188.19	180.10	1004.13	1004.05	746.71
2044-07-15	3.02	2.92	2.42	1.45	1.35	1.12	0.29	0.19	0.16	1.68	1.67	1.39	1.34	1.33	1.10	0.40	0.39	0.32	64.70	64.62	61.87	85.06	84.98	81.35	510.27	510.19	488.19
2044-07-16	2.74	2.65	2.24	1.32	1.22	1.03	0.26	0.17	0.14	1.53	1.52	1.28	1.22	1.21	1.02	0.36	0.35	0.30	64.52	64.45	61.71	84.89	84.82	81.20	510.09	510.02	488.03
2044-07-17	2.52	2.43	2.09	1.21	1.12	0.96	0.24	0.16	0.13	1.40	1.39	1.19	1.12	1.11	0.95	0.33	0.32	0.28	64.37	64.31	61.58	84.74	84.67	81.06	509.94	509.88	487.90
2044-07-18	2.33	2.25	1.96	1.12	1.04	0.90	0.22	0.15	0.13	1.30	1.29	1.12	1.03	1.02	0.89	0.31	0.30	0.26	64.28	64.21	61.47	84.65	84.58	80.96	509.85	509.78	487.79
2044-07-19	2.17	2.10	1.84	1.04	0.97	0.85	0.21	0.14	0.12	1.21	1.20	1.05	0.96	0.95	0.84	0.29	0.28	0.24	64.19	64.13	61.38	84.56	84.50	80.87	509.76	509.70	487.70
2044-07-20	2.03	1.96	1.74	0.97	0.91	0.81	0.19	0.13	0.12	1.13	1.12	1.00	0.90	0.89	0.79	0.27	0.26	0.23	64.08	64.02	61.28	84.45	84.39	80.77	509.65	509.59	487.60
2044-07-21	1.91	1.85	1.66	0.92	0.86	0.77	0.18	0.12	0.11	1.07	1.06	0.95	0.85	0.84	0.75	0.25	0.24	0.22	63.98	63.93	61.19	84.35	84.29	80.68	509.55	509.50	487.52
2044-07-22	1.81	1.75	1.58	0.87	0.81	0.73	0.17	0.12	0.10	1.01	1.00	0.90	0.80	0.79	0.72	0.24	0.23	0.21	63.90	63.84	61.11	84.26	84.20	80.60	509.47	509.41	487.43
2044-07-23	1.81	1.75	1.58	0.87	0.81	0.73	0.17	0.11	0.10	1.01	1.00	0.90	0.81	0.80	0.72	0.24	0.23	0.21	63.82	63.76	61.04	84.18	84.13	80.53	509.39	509.33	487.36
2044-07-24	2.31	2.21	2.02	1.11	1.01	0.92	0.22	0.12	0.11	1.29	1.28	1.17	1.03	1.02	0.93	0.30	0.30	0.27	63.74	63.69	60.97	84.11	84.06	80.46	509.31	509.26	487.30
2044-07-25	3.32	3.15	2.94	1.59	1.42	1.33	0.32	0.15	0.14	1.85	1.84	1.72	1.47	1.46	1.37	0.44	0.43	0.40	63.68	63.63	60.92	84.04	83.99	80.40	509.25	509.20	487.24
2044-07-26	2.90	2.82	2.54	1.39	1.31	1.18	0.28	0.19	0.18	1.62	1.61	1.45	1.29	1.28	1.15	0.38	0.38	0.34	63.62	63.57	60.86	83.98	83.94	80.35	509.19	509.14	487.18
2044-07-27	2.76	2.66	2.39	1.32	1.23	1.11	0.26	0.17	0.15	1.54	1.53	1.37	1.23	1.22	1.09	0.36	0.36	0.32	63.56	63.52	60.81	83.93	83.88	80.30	509.13	509.09	487.14
2044-07-28	2.54	2.46	2.22	1.22	1.14	1.03	0.24	0.16	0.15	1.42	1.41	1.27	1.13	1.12	1.01	0.33	0.33	0.30	63.59	63.54	60.83	83.96	83.91	80.31	509.16	509.11	487.15
2044-07-29	2.74	2.62	2.38	1.31	1.20	1.09	0.26	0.15	0.14	1.53	1.52	1.38	1.22	1.21	1.10	0.36	0.35	0.32	63.62	63.57	60.84	83.98	83.94	80.33	509.19	509.14	487.17
2044-07-30	2.89	2.83	2.61	1.39	1.32	1.23	0.28	0.21	0.21	1.61	1.61	1.47	1.28	1.28	1.17	0.38	0.38	0.34	63.56	63.52	60.79	83.93	83.88	80.28	509.13	509.09	487.11
2044-07-31	2.64	2.55	2.36	1.27	1.18	1.09	0.25	0.17	0.15	1.47	1.46	1.35	1.17	1.16	1.07	0.35	0.34	0.31	65.17	65.01	62.35	85.53	85.38	81.84	510.74	510.58	488.67
2044-08-01	2.43	2.35	2.19	1.17	1.09	1.01	0.23	0.15	0.14	1.36	1.35	1.25	1.08	1.07	1.00	0.32	0.31	0.29	67.91	67.73	63.25	88.27	88.09	82.11	513.48	513.30	475.89
2044-08-02	2.26	2.18	2.04	1.08	1.01	0.94	0.22	0.14	0.13	1.26	1.25	1.17	1.00	0.99	0.93	0.30	0.29	0.27	65.23	65.22	60.63	85.60	85.58	79.49	510.80	510.79	473.27
2044-08-03	2.11	2.04	1.92	1.01	0.95	0.89	0.20	0.14	0.13	1.18	1.17	1.09	0.94	0.93	0.87	0.28	0.27	0.25	64.99	64.90	60.31	85.36	85.27	79.18	510.56	510.47	472.96
2044-08-04	2.07	2.00	1.84	0.99	0.92	0.85	0.20	0.13	0.12	1.15	1.14	1.05	0.92	0.91	0.84	0.27	0.27	0.24	65.56	65.43	60.69	85.93	85.80	79.55	511.13	511.00	473.34
2044-08-05	2.23	2.15	1.90	1.07	0.99	0.88	0.21	0.13	0.12	1.25	1.24	1.09	0.99	0.98	0.87	0.29	0.29	0.25	67.27	67.06	61.69	87.63	87.42	80.55	512.84	512.63	474.33
2044-08-06	2.29	2.21	1.92	1.10	1.02	0.89	0.22	0.14	0.13	1.28	1.27	1.10	1.02	1.01	0.88	0.30	0.30	0.26	66.35	66.25	61.16	86.72	86.61	80.02	511.92	511.82	473.80
2044-08-07	2.13	2.06	1.81	1.02	0.96	0.84	0.20	0.14	0.12	1.19	1.18	1.04	0.95	0.94	0.82	0.28	0.27	0.24	65.92	65.81	60.82	86.29	86.18	79.68	511.49	511.38	473.46
2044-08-08	2.00	1.94	1.72	0.96	0.90	0.80	0.19	0.13	0.12	1.12	1.11	0.98	0.89	0.88	0.78	0.26	0.26	0.23	65.57	65.47	60.54	85.94	85.83	79.41	511.14	511.04	473.19
2044-08-09	1.88	1.83	1.64	0.90	0.85	0.76	0.18	0.12	0.11	1.05	1.04	0.93	0.84	0.83	0.74	0.25	0.24	0.22	65.27	65.18	60.31	85.64	85.54	79.17	510.84	510.75	472.95
2044-08-10	1.78	1.73	1.56	0.86																							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2044-09-08	1.40	1.37	1.36	0.67	0.64	0.64	0.13	0.10	0.10	0.78	0.77	0.77	0.62	0.62	0.61	0.18	0.18	0.18	32.51	32.47	35.00	43.37	43.33	46.77	228.22	228.18	247.13
2044-09-09	1.35	1.32	1.31	0.65	0.61	0.61	0.13	0.09	0.09	0.76	0.75	0.74	0.60	0.59	0.59	0.18	0.17	0.17	32.01	31.89	34.36	42.87	42.75	46.14	227.72	227.60	246.50
2044-09-10	1.31	1.28	1.27	0.63	0.59	0.59	0.13	0.09	0.09	0.73	0.72	0.72	0.58	0.58	0.57	0.17	0.17	0.17	31.60	31.49	33.93	42.46	42.35	45.71	227.31	227.20	246.07
2044-09-11	1.27	1.24	1.23	0.61	0.58	0.57	0.12	0.09	0.09	0.71	0.70	0.70	0.57	0.56	0.55	0.17	0.16	0.16	31.26	31.16	33.58	42.12	42.02	45.35	226.97	226.87	245.71
2044-09-12	1.24	1.21	1.20	0.59	0.56	0.56	0.12	0.09	0.09	0.69	0.68	0.68	0.55	0.54	0.54	0.16	0.16	0.16	30.97	30.88	33.28	41.84	41.74	45.05	226.69	226.59	245.41
2044-09-13	1.20	1.17	1.17	0.58	0.55	0.54	0.12	0.08	0.08	0.67	0.66	0.66	0.54	0.53	0.52	0.16	0.15	0.15	30.73	30.64	33.03	41.59	41.51	44.80	226.44	226.36	245.16
2044-09-14	1.18	1.15	1.14	0.56	0.53	0.53	0.11	0.08	0.08	0.66	0.65	0.64	0.52	0.51	0.51	0.15	0.15	0.15	30.52	30.44	32.81	41.38	41.31	44.59	226.24	226.16	244.95
2044-09-15	1.15	1.12	1.11	0.55	0.52	0.52	0.11	0.08	0.08	0.64	0.63	0.63	0.51	0.50	0.50	0.15	0.14	0.14	20.74	20.67	22.23	29.46	29.38	31.67	162.31	162.23	175.67
2044-09-16	1.17	1.14	1.14	0.56	0.53	0.53	0.11	0.08	0.08	0.65	0.65	0.65	0.52	0.51	0.51	0.15	0.15	0.15	21.15	21.05	22.67	29.87	29.76	32.11	162.72	162.61	176.11
2044-09-17	1.19	1.16	1.17	0.57	0.54	0.55	0.11	0.09	0.09	0.67	0.66	0.66	0.53	0.52	0.53	0.16	0.15	0.15	23.40	23.17	25.12	32.12	31.89	34.57	164.96	164.74	178.56
2044-09-18	1.17	1.14	1.14	0.56	0.53	0.53	0.11	0.08	0.08	0.65	0.64	0.65	0.52	0.51	0.51	0.15	0.15	0.15	23.25	23.10	25.08	31.96	31.82	34.53	164.81	164.67	178.52
2044-09-19	1.14	1.11	1.12	0.55	0.52	0.52	0.11	0.08	0.08	0.64	0.63	0.63	0.51	0.50	0.50	0.15	0.14	0.14	22.34	22.24	24.05	31.06	30.95	33.50	163.90	163.80	177.49
2044-09-20	1.11	1.09	1.09	0.54	0.51	0.51	0.11	0.08	0.08	0.62	0.61	0.62	0.50	0.49	0.49	0.15	0.14	0.14	21.94	21.84	23.59	30.66	30.55	33.04	163.51	163.40	177.03
2044-09-21	1.09	1.07	1.07	0.52	0.50	0.50	0.10	0.08	0.08	0.61	0.60	0.60	0.49	0.48	0.48	0.14	0.14	0.14	22.01	21.89	23.66	30.73	30.60	33.11	163.57	163.45	177.10
2044-09-22	1.07	1.05	1.05	0.51	0.49	0.49	0.10	0.08	0.08	0.60	0.59	0.59	0.48	0.47	0.47	0.14	0.13	0.14	22.48	22.34	24.19	31.20	31.05	33.64	164.05	163.90	177.63
2044-09-23	1.05	1.03	1.03	0.50	0.48	0.48	0.10	0.08	0.08	0.59	0.58	0.58	0.47	0.46	0.46	0.14	0.13	0.13	23.71	23.50	25.60	32.43	32.22	35.05	165.28	165.07	179.04
2044-09-24	1.03	1.01	1.01	0.50	0.47	0.47	0.10	0.08	0.08	0.58	0.57	0.57	0.46	0.45	0.45	0.14	0.13	0.13	24.51	24.29	26.51	33.22	33.01	35.96	166.07	165.85	179.95
2044-09-25	1.02	0.99	1.00	0.49	0.47	0.47	0.10	0.08	0.08	0.57	0.56	0.56	0.45	0.44	0.45	0.13	0.13	0.13	23.60	23.46	25.49	32.32	32.17	34.94	165.16	165.02	178.94
2044-09-26	1.00	0.98	0.98	0.48	0.46	0.46	0.10	0.07	0.07	0.56	0.55	0.55	0.44	0.44	0.44	0.13	0.13	0.13	22.96	22.83	24.75	31.68	31.55	34.20	164.53	164.39	178.19
2044-09-27	0.99	0.97	0.97	0.47	0.45	0.45	0.09	0.07	0.07	0.55	0.54	0.54	0.44	0.43	0.43	0.13	0.12	0.12	26.27	25.90	28.41	34.99	34.62	37.86	167.84	167.47	181.85
2044-09-28	0.97	0.95	0.96	0.47	0.45	0.45	0.09	0.07	0.07	0.54	0.54	0.54	0.43	0.43	0.43	0.13	0.12	0.12	34.82	33.71	38.06	43.54	42.43	47.51	176.38	175.28	191.50
2044-09-29	0.96	0.94	0.94	0.46	0.44	0.44	0.09	0.07	0.07	0.54	0.53	0.53	0.43	0.42	0.42	0.13	0.12	0.12	31.70	30.94	35.17	40.42	39.65	44.62	173.27	172.50	188.61
2044-09-30	0.95	0.93	0.93	0.45	0.44	0.44	0.09	0.07	0.07	0.53	0.52	0.52	0.42	0.41	0.42	0.12	0.12	0.12	29.54	29.24	31.89	38.26	37.96	41.34	171.11	170.81	185.33
2044-10-01	0.96	0.94	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.53	0.53	0.54	0.42	0.42	0.43	0.13	0.12	0.12	27.51	27.27	29.94	36.23	35.99	39.41	169.07	168.83	183.76
2044-10-02	0.96	0.94	1.08	0.46	0.44	0.50	0.09	0.07	0.08	0.54	0.53	0.61	0.43	0.42	0.48	0.13	0.12	0.14	25.95	25.74	28.15	34.66	34.46	37.62	167.51	167.31	181.97
2044-10-03	0.95	0.93	0.90	0.46	0.44	0.38	0.09	0.07	0.00	0.53	0.52	0.54	0.42	0.42	0.43	0.13	0.12	0.12	24.76	24.59	26.76	33.48	33.30	36.23	166.32	166.15	180.58
2044-10-04	0.94	0.85	0.88	0.45	0.36	0.37	0.09	0.00	0.00	0.52	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.12	23.87	23.71	25.73	32.58	32.43	35.20	165.43	165.28	179.56
2044-10-05	1.04	1.01	1.08	0.50	0.47	0.49	0.10	0.07	0.04	0.58	0.57	0.63	0.46	0.45	0.50	0.14	0.13	0.14	23.17	22.81	24.95	31.88	31.53	34.42	164.73	164.38	178.77
2044-10-06	1.34	1.30	1.51	0.64	0.60	0.70	0.13	0.09	0.09	0.75	0.74	0.87	0.59	0.59	0.69	0.18	0.17	0.20	22.93	22.59	24.74	31.65	31.31	34.21	164.50	164.16	178.56
2044-10-07	1.06	1.04	1.17	0.51	0.49	0.56	0.10	0.09	0.10	0.59	0.58	0.65	0.47	0.46	0.52	0.14	0.13	0.15	22.71	22.38	24.55	31.42	31.10	34.02	164.27	163.95	178.37
2044-10-08	1.05	1.03	1.16	0.51	0.48	0.54	0.10	0.08	0.09	0.59	0.58	0.66	0.47	0.46	0.52	0.14	0.13	0.15	22.24	21.95	24.02	30.96	30.66	33.49	163.81	163.51	177.85
2044-10-09	1.03	0.99	1.11	0.50	0.45	0.51	0.10	0.05	0.06	0.58	0.57	0.64	0.46	0.45	0.51	0.14	0.13	0.14	22.21	21.92	24.04	30.93	30.64	33.51	163.78	163.48	177.86
2044-10-10	1.02	0.97	1.08	0.49	0.44	0.49	0.10	0.05	0.06	0.57	0.56	0.62	0.45	0.44	0.49	0.13	0.12	0.14	22.16	21.87	24.04	30.87	30.58	33.51	163.72	163.43	177.86
2044-10-11	1.00	0.96	1.07	0.48	0.44	0.49	0.10	0.05	0.06	0.56	0.55	0.61	0.44	0.44	0.48	0.13	0.12	0.14	21.79	21.53	23.61	30.51	30.24	33.08	163.35	163.09	177.44
2044-10-12	0.99	0.95	1.05	0.47	0.43	0.48	0.09	0.05	0.06	0.55	0.54	0.60	0.44	0.43	0.47	0.13	0.12	0.13	21.48	21.27	23.25	30.20	29.99	32.72	163.05	162.84	177.07
2044-10-13	0.97	0.93	1.03	0.47	0.43	0.47	0.09	0.05	0.06	0.54	0.53	0.59	0.43	0.42	0.46	0.13	0.12	0.13	21.23	21.14	22.95	29.94	29.85	32.42	162.79	162.70	176.77
2044-10-14	0.96	0.94	1.02	0.46	0.44	0.48	0.09	0.07	0.07	0.54	0.53	0.58	0.43	0.42	0.46	0.13	0.12	0.13	21.05	20.96	22.76	29.76	29.68	32.23	162.61	162.52	176.58
2044-10-15	0.95	0.94	1.03	0.46	0.44	0.49	0.09	0.08	0.09	0.53	0.52	0.57	0.42	0.41	0.45	0.12	0.12	0.13	20.08	20.00	21.74	28.24	28.16	30.61	139.21	139.13	151.19
2044-10-16	1.94	1.82	2.13	0.93	0.81	0.95	0.19	0.07	0.08	1.08	1.06	1.25	0.86	0.84	0.99	0.26	0.24	0.28	19.90	20.09	21.42	28.06	28.26	30.29	139.04	139.23	150.87
2044-10-17	3.59	3.46	4.29	1.72	1.59	1.99	0.34	0.22	0.29	2.00	2.00	2.48	1.59	1.60	1.98	0.47	0.48	0.60	19.75	19.56	21.24	27.91	27.73	30.11	138.88	138.70	150.69
2044-10-18	1.89	1.97	3.16	0.91	0.99	1.90	0.18	0.26	0.97	1.06	1.07	1.38	0.84	0.85	1.11	0.25	0.26	0.36	19.61	19.44	21.09	27.78	27.60	29.96	138.75	138.57	150.54
2044-10-19	1.82	1.91	2.08	0.87	0.97	0.89	0.17	0.27	0.00	1.01	1.01	1.27	0.81	0.81	1.01	0.24	0.24	0.29	19.49	19.39	20.96	27.66	27.55	29.83	138.63	138.52	150.41
2044-10-20	1.76	1.70	2.02	0.84	0.79	0.86	0.17	0.11	0.00	0.98	0.97	1.24	0.78	0.77	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2044-11-18	1.38	1.34	1.55	0.66	0.62	0.72	0.13	0.09	0.10	0.77	0.77	0.89	0.61	0.61	0.71	0.18	0.18	0.21	18.59	18.56	19.32	27.25	27.22	28.33	123.09	123.07	128.06
2044-11-19	1.33	1.29	1.48	0.64	0.60	0.69	0.13	0.09	0.10	0.74	0.74	0.85	0.59	0.59	0.68	0.18	0.17	0.20	18.58	18.54	19.29	27.24	27.20	28.30	123.08	123.04	128.04
2044-11-20	1.29	1.25	1.42	0.62	0.58	0.66	0.12	0.08	0.09	0.72	0.72	0.82	0.57	0.57	0.65	0.17	0.17	0.19	18.56	18.52	19.26	27.22	27.18	28.27	123.06	123.02	128.01
2044-11-21	1.26	1.22	1.37	0.60	0.57	0.64	0.12	0.08	0.09	0.70	0.70	0.79	0.56	0.55	0.63	0.17	0.16	0.18	18.55	18.50	19.24	27.21	27.16	28.26	123.05	123.00	127.99
2044-11-22	1.22	1.18	1.32	0.59	0.55	0.61	0.12	0.08	0.09	0.68	0.68	0.76	0.54	0.54	0.60	0.16	0.16	0.18	18.54	18.49	19.23	27.20	27.15	28.25	123.04	123.00	127.98
2044-11-23	1.19	1.16	1.29	0.57	0.54	0.60	0.11	0.08	0.09	0.66	0.66	0.74	0.53	0.53	0.59	0.16	0.16	0.17	18.52	18.48	19.22	27.18	27.15	28.24	123.03	122.99	127.97
2044-11-24	1.16	1.13	1.25	0.56	0.53	0.58	0.11	0.08	0.09	0.65	0.65	0.72	0.52	0.52	0.57	0.15	0.15	0.17	18.51	18.48	19.22	27.17	27.14	28.23	123.02	122.98	127.96
2044-11-25	1.30	1.25	1.42	0.62	0.58	0.65	0.12	0.08	0.09	0.72	0.72	0.82	0.58	0.57	0.65	0.17	0.17	0.19	18.50	18.47	19.20	27.16	27.13	28.22	123.01	122.97	127.95
2044-11-26	1.79	1.72	1.99	0.86	0.79	0.91	0.17	0.11	0.12	1.00	1.00	1.16	0.79	0.80	0.92	0.24	0.24	0.28	18.49	18.46	19.20	27.15	27.12	28.21	123.00	122.97	127.94
2044-11-27	1.38	1.36	1.55	0.66	0.64	0.73	0.13	0.11	0.12	0.77	0.77	0.88	0.61	0.61	0.70	0.18	0.18	0.21	18.48	18.45	19.18	27.14	27.11	28.20	122.99	122.96	127.93
2044-11-28	1.33	1.29	1.46	0.64	0.60	0.67	0.13	0.08	0.09	0.74	0.74	0.84	0.59	0.59	0.67	0.18	0.17	0.20	18.47	18.44	19.17	27.14	27.10	28.18	122.98	122.94	127.92
2044-11-29	1.30	1.26	1.44	0.62	0.59	0.67	0.12	0.09	0.10	0.72	0.72	0.83	0.58	0.57	0.66	0.17	0.17	0.20	18.47	18.44	19.17	27.13	27.10	28.18	122.97	122.94	127.91
2044-11-30	1.26	1.23	1.42	0.61	0.57	0.66	0.12	0.09	0.10	0.70	0.70	0.82	0.56	0.56	0.65	0.17	0.17	0.19	18.46	18.44	19.16	27.12	27.10	28.17	122.96	122.94	127.91
2044-12-01	1.23	1.19	1.36	0.59	0.55	0.63	0.12	0.08	0.09	0.69	0.68	0.78	0.55	0.54	0.62	0.16	0.16	0.18	18.45	18.43	18.60	27.11	27.09	27.33	122.95	122.93	123.95
2044-12-02	1.20	1.15	1.31	0.57	0.53	0.60	0.11	0.07	0.07	0.67	0.66	0.75	0.53	0.52	0.60	0.16	0.15	0.17	18.44	18.41	18.58	27.10	27.08	27.31	122.95	122.92	123.93
2044-12-03	1.17	1.12	1.26	0.56	0.51	0.58	0.11	0.06	0.07	0.65	0.64	0.73	0.52	0.51	0.58	0.15	0.15	0.17	18.44	18.40	18.57	27.10	27.06	27.30	122.94	122.91	123.92
2044-12-04	1.14	1.10	1.23	0.55	0.50	0.56	0.11	0.07	0.07	0.64	0.63	0.71	0.51	0.50	0.56	0.15	0.14	0.16	18.43	18.39	18.55	27.09	27.05	27.28	122.93	122.89	123.90
2044-12-05	1.12	1.08	1.20	0.54	0.50	0.55	0.11	0.07	0.08	0.62	0.62	0.69	0.50	0.49	0.55	0.15	0.14	0.16	18.42	18.38	18.54	27.08	27.04	27.27	122.93	122.88	123.89
2044-12-06	1.09	1.05	1.16	0.53	0.48	0.53	0.10	0.06	0.07	0.61	0.60	0.67	0.49	0.48	0.53	0.14	0.14	0.15	18.42	18.37	18.53	27.08	27.03	27.26	122.92	122.87	123.88
2044-12-07	1.07	1.03	1.13	0.52	0.47	0.51	0.10	0.06	0.06	0.60	0.59	0.65	0.48	0.47	0.52	0.14	0.13	0.15	18.41	18.36	18.52	27.07	27.02	27.25	122.91	122.87	123.87
2044-12-08	1.05	1.00	1.10	0.51	0.46	0.50	0.10	0.05	0.06	0.59	0.58	0.63	0.47	0.46	0.50	0.14	0.13	0.14	18.41	18.36	18.52	27.07	27.02	27.25	122.91	122.87	123.87
2044-12-09	1.04	0.99	1.08	0.50	0.45	0.50	0.10	0.06	0.06	0.58	0.57	0.62	0.46	0.45	0.49	0.14	0.13	0.14	18.41	18.37	18.52	27.07	27.03	27.25	122.91	122.87	123.87
2044-12-10	1.02	0.98	1.07	0.49	0.45	0.49	0.10	0.06	0.07	0.57	0.56	0.61	0.45	0.45	0.48	0.13	0.13	0.14	18.41	18.38	18.52	27.07	27.04	27.25	122.91	122.88	123.87
2044-12-11	1.00	0.97	1.05	0.48	0.45	0.48	0.10	0.06	0.07	0.56	0.55	0.60	0.45	0.44	0.48	0.13	0.13	0.14	18.41	18.38	18.52	27.07	27.04	27.25	122.91	122.88	123.87
2044-12-12	0.99	0.95	1.03	0.47	0.44	0.47	0.09	0.06	0.06	0.55	0.54	0.59	0.44	0.43	0.47	0.13	0.12	0.13	18.41	18.39	18.52	27.07	27.05	27.25	122.91	122.89	123.87
2044-12-13	0.97	0.93	1.00	0.47	0.43	0.46	0.09	0.05	0.06	0.54	0.54	0.57	0.43	0.42	0.46	0.13	0.12	0.13	18.41	18.39	18.53	27.07	27.05	27.26	122.91	122.89	123.88
2044-12-14	0.96	0.92	0.98	0.46	0.42	0.45	0.09	0.05	0.06	0.54	0.53	0.56	0.43	0.42	0.45	0.13	0.12	0.13	18.48	18.45	18.62	27.14	27.11	27.35	122.98	122.96	123.97
2044-12-15	0.95	0.91	0.97	0.46	0.42	0.45	0.09	0.06	0.06	0.53	0.52	0.56	0.42	0.42	0.44	0.12	0.12	0.13	13.76	13.74	13.93	19.98	19.96	20.20	83.81	83.78	84.54
2044-12-16	0.94	0.91	0.97	0.45	0.43	0.45	0.09	0.07	0.07	0.52	0.52	0.55	0.42	0.41	0.44	0.12	0.12	0.13	13.64	13.63	13.78	19.86	19.85	20.05	83.68	83.67	84.39
2044-12-17	0.93	0.91	0.96	0.44	0.43	0.45	0.09	0.07	0.07	0.52	0.52	0.55	0.41	0.41	0.43	0.12	0.12	0.13	13.64	13.62	13.72	19.86	19.84	20.00	83.68	83.66	84.34
2044-12-18	0.92	0.89	0.94	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.51	0.54	0.41	0.40	0.43	0.12	0.12	0.13	13.62	13.60	13.71	19.84	19.82	19.98	83.67	83.65	84.32
2044-12-19	0.91	0.89	0.94	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.13	13.62	13.59	13.69	19.84	19.81	19.96	83.67	83.63	84.30
2044-12-20	0.90	0.88	0.92	0.43	0.41	0.43	0.09	0.06	0.07	0.50	0.50	0.52	0.40	0.40	0.42	0.12	0.12	0.12	13.62	13.59	13.68	19.84	19.81	19.96	83.67	83.64	84.30
2044-12-21	0.89	0.87	0.91	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.49	0.52	0.39	0.39	0.41	0.12	0.12	0.12	13.62	13.60	13.69	19.85	19.82	19.97	83.67	83.65	84.30
2044-12-22	0.88	0.86	0.90	0.42	0.40	0.42	0.08	0.06	0.06	0.49	0.49	0.51	0.39	0.39	0.41	0.12	0.11	0.12	13.62	13.60	13.69	19.85	19.82	19.96	83.67	83.65	84.30
2044-12-23	0.87	0.85	0.88	0.42	0.39	0.41	0.08	0.06	0.06	0.49	0.48	0.50	0.39	0.38	0.40	0.12	0.11	0.12	13.63	13.60	13.69	19.85	19.83	19.97	83.67	83.65	84.31
2044-12-24	0.87	0.84	0.87	0.42	0.39	0.40	0.08	0.05	0.05	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.11	13.63	13.61	13.70	19.85	19.83	19.97	83.67	83.65	84.31
2044-12-25	0.86	0.83	0.87	0.41	0.38	0.40	0.08	0.05	0.06	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.11	13.63	13.60	13.69	19.85	19.83	19.97	83.67	83.65	84.31
2044-12-26	0.85	0.82	0.86	0.41	0.38	0.40	0.08	0.05	0.05	0.48	0.47	0.49	0.38	0.37	0.39	0.11	0.11	0.11	13.68	13.66	13.76	19.91	19.88	20.03	83.73	83.70	84.37
2044-12-27	0.85	0.82	0.85	0.41	0.38	0.39	0.08	0.05	0.06	0.47	0.47	0.48	0.38	0.37	0.39	0.11	0.11	0.11	13.75	13.72	13.84	19.97	19.95	20.11	83.79	83.77	84.45
2044-12-28	0.84	0.81	0.84	0.40	0.38	0.39	0.08	0.05	0.05	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	13.64	13.62	13.71	19.86	19.84	19.98	83.68	83.66	84.32
2044-12-29	0.84	0.81	0.84	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	13.63	13.60	13.69	19.85	19.82	19.97	83.67	83.65	84.31
2044-12-30	0.83	0.81	0.84	0.40	0.38	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.37	0.38	0.11	0.11	0.11	13.63	1							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2045-01-28	0.80	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.11	10.57	10.54	10.53	16.44	16.42	16.39	69.62	69.59	69.51
2045-01-29	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.11	10.57	10.54	10.52	16.44	16.42	16.39	69.62	69.59	69.51
2045-01-30	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	10.57	10.54	10.52	16.44	16.41	16.39	69.62	69.59	69.51
2045-01-31	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.53	16.44	16.42	16.39	69.62	69.60	69.49
2045-02-01	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.57	10.55	10.53	16.44	16.42	16.39	69.62	69.60	69.49
2045-02-02	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.57	10.55	10.59	16.44	16.42	16.45	69.62	69.60	69.55
2045-02-03	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.57	10.56	10.68	16.45	16.43	16.54	69.62	69.60	69.64
2045-02-04	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.57	10.55	10.54	16.45	16.43	16.40	69.62	69.60	69.50
2045-02-05	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.62	69.61	69.49
2045-02-06	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-07	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-08	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-09	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-10	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-11	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-12	0.81	0.80	0.82	0.39	0.38	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.58	10.56	10.53	16.45	16.43	16.39	69.63	69.61	69.49
2045-02-13	0.81	0.80	0.88	0.39	0.38	0.42	0.08	0.06	0.08	0.45	0.45	0.50	0.36	0.36	0.40	0.11	0.11	0.12	10.58	10.56	10.60	16.45	16.43	16.47	69.63	69.61	69.56
2045-02-14	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.58	10.57	10.71	16.46	16.44	16.57	69.63	69.61	69.67
2045-02-15	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.07	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.11	10.50	10.48	10.46	15.39	15.36	15.34	65.48	65.46	65.36
2045-02-16	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.35	0.11	0.11	0.10	10.50	10.48	10.44	15.39	15.36	15.32	65.48	65.46	65.34
2045-02-17	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.48	10.45	15.39	15.37	15.32	65.49	65.46	65.34
2045-02-18	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.45	15.39	15.37	15.32	65.49	65.47	65.35
2045-02-19	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.11	0.10	10.51	10.49	10.45	15.39	15.37	15.32	65.49	65.46	65.35
2045-02-20	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.35	0.11	0.11	0.10	10.51	10.48	10.45	15.39	15.37	15.32	65.49	65.46	65.35
2045-02-21	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.51	10.49	10.45	15.39	15.37	15.33	65.49	65.47	65.35
2045-02-22	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.51	10.48	10.45	15.39	15.37	15.32	65.49	65.46	65.35
2045-02-23	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.45	15.39	15.37	15.33	65.49	65.47	65.35
2045-02-24	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2045-02-25	0.82	0.81	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.45	15.39	15.37	15.33	65.49	65.47	65.35
2045-02-26	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2045-02-27	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.07	0.07	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2045-02-28	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.36
2045-03-01	0.82	0.81	0.90	0.39	0.38	0.42	0.08	0.06	0.06	0.46	0.46	0.51	0.36	0.36	0.41	0.11	0.11	0.12	10.77	10.73	24.57	15.65	15.62	36.32	65.75	65.71	156.87
2045-03-02	0.82	0.81	1.21	0.39	0.38	0.57	0.08	0.06	0.09	0.46	0.46	0.70	0.37	0.36	0.56	0.11	0.11	0.17	12.09	11.98	28.40	16.98	16.86	40.15	67.07	66.96	160.71
2045-03-03	0.83	0.81	1.43	0.40	0.38	0.68	0.08	0.07	0.12	0.46	0.46	0.82	0.37	0.37	0.65	0.11	0.11	0.20	12.81	12.72	29.34	17.70	17.60	41.09	67.79	67.70	161.65
2045-03-04	0.84	0.83	1.41	0.40	0.39	0.68	0.08	0.07	0.14	0.47	0.47	0.79	0.37	0.37	0.64	0.11	0.11	0.20	10.89	10.92	25.96	15.77	15.80	37.70	65.87	65.90	158.26
2045-03-05	0.82	0.81	1.11	0.40	0.38	0.54	0.08	0.07	0.11	0.46	0.46	0.62	0.37	0.36	0.50	0.11	0.11	0.15	10.86	10.83	25.59	15.74	15.71	37.34	65.84	65.81	157.90
2045-03-06	0.82	0.81	1.05	0.40	0.38	0.50	0.08	0.06	0.10	0.46	0.46	0.60	0.37	0.36	0.48	0.11	0.11	0.15	10.83	10.80	25.37	15.71	15.68	37.12	65.81	65.78	157.68
2045-03-07	0.82	0.81	1.23	0.40	0.38	0.58	0.08	0.06	0.10	0.46	0.46	0.71	0.37	0.36	0.56	0.11	0.11	0.17	10.81	10.78	25.19	15.69	15.66	36.93	65.79	65.76	157.49
2045-03-08	0.82	0.81	1.36	0.40	0.38	0.65	0.08	0.07	0.12	0.46	0.46	0.78	0.37	0.37	0.62	0.11	0.11	0.19	10.78	10.75	25.14	15.66	15.63	36.88	65.76	65.73	157.44
2045-03-09	0.82	0.81	1.15	0.40	0.38	0.54	0.08	0.06	0.10	0.46	0.46	0.65	0.37	0.36	0.52	0.11	0.11	0.15	10.76	10.73	25.11	15.64	15.61	36.86	65.74	65.71	157.41
2045-03-10	0.83	0.81	1.13	0.40	0.38	0.53	0.08	0.06	0.08	0.46	0.46	0.65	0.37	0.36	0.52	0.11	0.11	0.15	10.74	10.71	25.01	15.62	15.59	36.76	65.72	65.69	157.32
2045-03-11	0.83	0.81	1.21	0.40	0.38	0.57	0.08	0.06	0.09	0.46	0.46	0.70	0.37	0.37	0.55	0.11	0.11	0.17	10.72	10.69	24.95	15.60	15.57	36.70	65.70	65.67	157.26
2045-03-12	0.																										

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2045-04-09	0.94	0.92	2.89	0.45	0.43	1.34	0.09	0.07	0.19	0.53	0.52	1.67	0.42	0.42	1.33	0.12	0.12	0.39	15.85	15.76	35.52	22.66	22.56	50.64	84.92	84.82	188.98
2045-04-10	0.93	0.91	2.63	0.45	0.43	1.22	0.09	0.07	0.17	0.52	0.52	1.52	0.41	0.41	1.21	0.12	0.12	0.36	15.64	15.54	35.10	22.44	22.35	50.22	84.70	84.61	188.57
2045-04-11	0.92	0.90	2.44	0.44	0.42	1.13	0.09	0.07	0.16	0.51	0.51	1.41	0.41	0.41	1.12	0.12	0.12	0.33	15.44	15.36	35.04	22.25	22.17	50.16	84.51	84.42	188.51
2045-04-12	0.91	0.89	2.30	0.44	0.42	1.06	0.09	0.07	0.15	0.51	0.51	1.32	0.40	0.40	1.06	0.12	0.12	0.31	15.21	15.14	34.58	22.01	21.94	49.70	84.27	84.20	188.04
2045-04-13	0.94	0.92	2.22	0.45	0.43	1.03	0.09	0.07	0.14	0.52	0.52	1.28	0.42	0.42	1.02	0.12	0.12	0.30	15.01	14.94	35.22	21.81	21.74	50.34	84.07	84.00	188.69
2045-04-14	1.19	1.18	2.18	0.57	0.56	1.00	0.11	0.10	0.14	0.66	0.67	1.26	0.53	0.54	1.00	0.16	0.17	0.30	14.83	14.77	35.15	21.64	21.57	50.27	83.90	83.83	188.62
2045-04-15	1.24	1.23	2.13	0.59	0.58	0.98	0.12	0.11	0.13	0.69	0.70	1.23	0.55	0.56	0.98	0.16	0.17	0.29	33.23	33.17	75.06	45.58	45.52	102.51	195.89	195.83	436.51
2045-04-16	1.46	1.44	2.08	0.70	0.69	0.96	0.14	0.13	0.13	0.81	0.83	1.20	0.65	0.66	0.95	0.19	0.21	0.28	33.10	33.04	74.06	45.45	45.39	101.51	195.76	195.70	435.51
2045-04-17	1.52	1.51	1.98	0.73	0.72	0.92	0.15	0.14	0.13	0.85	0.86	1.14	0.68	0.69	0.91	0.20	0.21	0.27	32.98	32.92	73.06	45.33	45.27	100.51	195.64	195.58	434.51
2045-04-18	1.69	1.68	1.87	0.81	0.80	0.86	0.16	0.15	0.12	0.94	0.96	1.07	0.75	0.77	0.85	0.22	0.24	0.25	32.87	32.82	72.58	45.23	45.17	100.03	195.54	195.48	434.03
2045-04-19	1.97	1.95	1.76	0.95	0.92	0.82	0.19	0.16	0.12	1.10	1.12	1.01	0.88	0.89	0.81	0.26	0.28	0.24	33.00	32.93	72.61	45.35	45.29	100.06	195.66	195.60	434.06
2045-04-20	2.35	2.31	1.67	1.13	1.09	0.78	0.23	0.19	0.11	1.31	1.33	0.96	1.04	1.06	0.77	0.31	0.33	0.23	33.78	33.71	73.67	46.13	46.06	101.12	196.44	196.37	435.12
2045-04-21	2.84	2.81	1.74	1.36	1.33	0.80	0.27	0.24	0.11	1.59	1.61	1.00	1.26	1.29	0.80	0.37	0.40	0.24	33.79	33.73	74.37	46.14	46.08	101.82	196.45	196.39	435.82
2045-04-22	2.92	2.87	1.80	1.40	1.35	0.83	0.28	0.23	0.12	1.63	1.64	1.04	1.30	1.31	0.83	0.38	0.40	0.25	33.46	33.39	73.55	45.81	45.74	101.00	196.12	196.05	435.01
2045-04-23	2.84	2.79	1.78	1.37	1.31	0.82	0.27	0.22	0.12	1.59	1.60	1.03	1.26	1.28	0.82	0.37	0.39	0.24	33.29	33.23	72.89	45.65	45.58	100.34	195.96	195.89	434.34
2045-04-24	2.70	2.62	1.76	1.30	1.22	0.82	0.26	0.18	0.12	1.51	1.51	1.01	1.20	1.20	0.81	0.36	0.36	0.24	33.15	33.09	72.40	45.51	45.44	99.84	195.82	195.75	433.85
2045-04-25	2.48	2.42	1.68	1.19	1.13	0.78	0.24	0.17	0.11	1.38	1.39	0.96	1.10	1.11	0.77	0.33	0.33	0.23	33.21	33.14	72.10	45.56	45.50	99.55	195.87	195.81	433.55
2045-04-26	2.34	2.27	1.70	1.12	1.06	0.78	0.22	0.16	0.11	1.31	1.31	0.98	1.04	1.04	0.78	0.31	0.31	0.23	33.57	33.53	71.93	45.93	45.88	99.38	196.24	196.19	433.38
2045-04-27	2.42	2.33	3.30	1.16	1.07	1.47	0.23	0.15	0.11	1.35	1.35	1.96	1.07	1.07	1.56	0.32	0.32	0.46	34.37	34.31	71.77	46.72	46.66	99.22	197.03	196.97	433.23
2045-04-28	2.43	2.34	5.36	1.17	1.08	2.46	0.23	0.14	0.32	1.36	1.35	3.10	1.08	1.08	2.47	0.32	0.32	0.74	35.18	35.09	71.80	47.53	47.44	99.25	197.84	197.75	433.25
2045-04-29	2.26	2.19	3.49	1.08	1.01	1.65	0.22	0.15	0.30	1.26	1.26	1.97	1.00	1.00	1.57	0.30	0.30	0.47	35.16	35.11	71.78	47.52	47.46	99.23	197.83	197.77	433.23
2045-04-30	2.11	2.05	3.12	1.01	0.96	1.44	0.20	0.15	0.20	1.18	1.18	1.80	0.94	0.94	1.43	0.28	0.28	0.43	34.69	34.60	71.50	47.04	46.95	98.95	197.35	197.26	432.95
2045-05-01	2.04	1.97	2.88	0.98	0.91	1.33	0.20	0.13	0.19	1.14	1.14	1.66	0.91	0.90	1.32	0.27	0.27	0.39	34.35	34.25	71.60	46.70	46.60	28.93	197.01	196.91	431.87
2045-05-02	2.01	1.97	2.76	0.96	0.93	1.27	0.19	0.16	0.17	1.12	1.12	1.59	0.89	0.90	1.26	0.26	0.27	0.37	34.23	34.13	71.42	46.59	46.48	28.76	196.90	196.79	431.99
2045-05-03	1.92	1.86	2.68	0.92	0.86	1.24	0.18	0.12	0.17	1.07	1.07	1.54	0.85	0.85	1.23	0.25	0.25	0.36	34.49	34.40	71.28	46.84	46.75	28.61	197.15	197.06	431.85
2045-05-04	1.83	1.78	2.50	0.88	0.83	1.15	0.18	0.13	0.16	1.02	1.01	1.43	0.81	0.81	1.14	0.24	0.24	0.33	34.85	34.78	71.08	47.20	47.14	28.42	197.51	197.45	431.65
2045-05-05	1.73	1.68	2.30	0.83	0.78	1.07	0.17	0.11	0.15	0.97	0.96	1.32	0.77	0.76	1.05	0.23	0.22	0.31	35.23	35.15	70.91	47.59	47.50	28.25	197.90	197.81	431.49
2045-05-06	1.65	1.60	2.14	0.79	0.74	0.99	0.16	0.11	0.14	0.92	0.91	1.23	0.73	0.73	0.97	0.22	0.21	0.29	35.88	35.79	70.77	48.24	48.14	28.10	198.55	198.45	431.34
2045-05-07	1.58	1.53	2.00	0.76	0.71	0.93	0.15	0.10	0.13	0.88	0.87	1.15	0.70	0.69	0.91	0.21	0.20	0.27	36.44	36.36	70.64	48.80	48.71	27.97	199.11	199.02	431.21
2045-05-08	1.51	1.47	1.88	0.73	0.68	0.87	0.15	0.10	0.13	0.84	0.84	1.08	0.67	0.66	0.86	0.20	0.19	0.25	36.98	37.17	70.52	49.33	49.52	27.86	199.64	199.83	431.10
2045-05-09	1.46	1.42	1.78	0.70	0.67	0.83	0.14	0.11	0.12	0.81	0.81	1.02	0.65	0.64	0.81	0.19	0.19	0.24	37.45	36.98	70.42	49.80	49.33	27.76	200.11	199.64	431.00
2045-05-10	1.40	1.38	1.69	0.67	0.65	0.78	0.13	0.11	0.11	0.78	0.78	0.96	0.62	0.62	0.77	0.18	0.18	0.22	37.44	37.09	70.33	49.80	49.44	27.67	200.11	199.75	431.90
2045-05-11	1.37	1.35	1.61	0.66	0.64	0.75	0.13	0.11	0.11	0.77	0.76	0.92	0.61	0.61	0.73	0.18	0.18	0.21	37.46	37.20	70.25	49.81	49.55	27.58	200.12	199.86	431.82
2045-05-12	1.38	1.37	1.54	0.66	0.66	0.71	0.13	0.12	0.10	0.77	0.78	0.88	0.61	0.62	0.70	0.18	0.19	0.20	37.58	37.12	70.18	49.94	49.47	27.51	200.25	199.78	431.75
2045-05-13	1.48	1.47	1.47	0.71	0.70	0.68	0.14	0.14	0.10	0.82	0.83	0.84	0.66	0.66	0.67	0.19	0.20	0.19	39.41	38.83	70.67	51.76	51.18	28.00	202.07	201.49	431.74
2045-05-14	1.63	1.48	1.42	0.78	0.63	0.66	0.16	0.00	0.10	0.91	0.89	0.81	0.72	0.71	0.64	0.21	0.20	0.19	41.13	40.83	70.21	53.48	53.18	29.34	203.79	203.49	431.58
2045-05-15	1.70	1.54	1.37	0.82	0.65	0.64	0.16	0.00	0.09	0.95	0.93	0.78	0.76	0.74	0.62	0.22	0.21	0.18	117.36	117.17	67.56	150.38	150.20	87.17	731.34	731.16	432.08
2045-05-16	1.91	1.73	1.32	0.92	0.74	0.61	0.18	0.00	0.09	1.07	1.05	0.75	0.85	0.83	0.60	0.25	0.23	0.17	116.13	115.95	67.38	149.16	148.98	86.99	730.11	729.93	431.90
2045-05-17	2.58	2.33	1.29	1.24	0.99	0.60	0.25	0.00	0.09	1.44	1.41	0.73	1.14	1.12	0.58	0.34	0.32	0.17	115.46	115.29	67.26	148.48	148.31	86.86	729.44	729.27	431.78
2045-05-18	3.02	2.92	1.26	1.45	1.35	0.59	0.29	0.19	0.09	1.68	1.67	0.72	1.34	1.33	0.57	0.40	0.39	0.16	115.63	115.42	67.36	148.65	148.45	86.96	729.61	729.40	431.88
2045-05-19	2.61	2.40	1.22	1.25	1.04	0.57	0.25	0.04	0.09	1.46	1.44	0.69	1.16	1.15	0.55	0.34	0.34	0.16	115.57	115.40	67.45	148.60	148.42	87.06	729.56	729.38	431.97
2045-05-20	2.41	2.32	1.19	1.16	1.06	0.56	0.23	0.13	0.09	1.35	1.34	0.68	1.07	1.06	0.54	0.32	0.31	0.15	114.94	114.79	67.32	147.97	147.81	86.92	728.92	728.77	431.84
2045-05-21	2.24	2.17	1.16	1.07	1.00	0.54	0.21	0.14	0.08	1.25	1.24	0.66	0.99	0.99	0.52	0.3											

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2045-06-19	5.32	5.14	3.25	2.55	2.38	1.50	0.51	0.34	0.21	2.97	2.95	1.87	2.36	2.35	1.48	0.70	0.69	0.44	174.75	173.26	126.01	209.71	208.23	151.88	1025.57	1024.09	755.54
2045-06-20	4.53	4.38	2.92	2.18	2.02	1.35	0.43	0.28	0.19	2.53	2.52	1.68	2.01	2.00	1.33	0.60	0.59	0.39	230.52	228.35	158.27	265.48	263.31	184.14	1081.34	1079.17	787.79
2045-06-21	3.94	3.81	2.66	1.89	1.76	1.23	0.38	0.25	0.17	2.20	2.19	1.52	1.75	1.74	1.21	0.52	0.51	0.36	186.00	185.77	135.71	220.97	220.73	161.58	1036.83	1036.59	765.24
2045-06-22	3.49	3.37	2.44	1.67	1.56	1.13	0.33	0.22	0.16	1.94	1.93	1.40	1.55	1.54	1.11	0.46	0.45	0.32	172.50	173.07	128.80	207.46	208.03	154.67	1023.32	1023.89	758.33
2045-06-23	3.12	3.02	2.25	1.50	1.39	1.04	0.30	0.19	0.14	1.74	1.73	1.29	1.39	1.38	1.03	0.41	0.40	0.30	166.02	165.32	123.15	200.98	200.28	149.02	1016.84	1016.14	752.68
2045-06-24	2.83	2.74	2.10	1.36	1.26	0.97	0.27	0.18	0.14	1.58	1.57	1.20	1.26	1.25	0.96	0.37	0.37	0.28	163.86	163.32	121.57	198.82	198.28	147.43	1014.68	1014.14	751.09
2045-06-25	2.59	2.50	1.97	1.24	1.16	0.91	0.25	0.16	0.13	1.44	1.44	1.12	1.15	1.14	0.89	0.34	0.33	0.26	162.25	162.11	120.43	197.21	197.07	146.29	1013.07	1012.93	749.95
2045-06-26	2.39	2.31	1.85	1.15	1.07	0.86	0.23	0.15	0.12	1.33	1.32	1.06	1.06	1.05	0.84	0.31	0.31	0.24	159.87	159.64	118.81	194.83	194.60	144.67	1010.69	1010.46	748.33
2045-06-27	2.22	2.15	1.75	1.06	0.99	0.81	0.21	0.14	0.11	1.24	1.23	1.00	0.99	0.98	0.79	0.29	0.29	0.23	158.23	158.03	117.69	193.19	192.99	143.56	1009.05	1008.85	747.21
2045-06-28	2.07	2.01	1.66	1.00	0.93	0.77	0.20	0.13	0.11	1.16	1.15	0.95	0.92	0.91	0.75	0.27	0.27	0.22	157.03	156.86	116.84	192.00	191.82	142.71	1007.86	1007.68	746.37
2045-06-29	1.95	1.89	1.58	0.94	0.87	0.73	0.19	0.12	0.10	1.09	1.08	0.90	0.87	0.86	0.72	0.26	0.25	0.21	156.14	155.98	116.18	191.10	190.94	142.05	1006.96	1006.80	745.71
2045-06-30	1.84	1.78	1.52	0.88	0.83	0.70	0.18	0.12	0.10	1.03	1.02	0.86	0.82	0.81	0.69	0.24	0.24	0.20	155.44	155.30	115.66	190.40	190.26	141.53	1006.26	1006.12	745.18
2045-07-01	1.78	1.73	1.47	0.86	0.80	0.68	0.17	0.11	0.10	1.00	0.99	0.84	0.79	0.78	0.67	0.23	0.23	0.19	154.89	154.76	115.17	189.85	189.72	140.48	1005.71	1005.58	957.75
2045-07-02	1.73	1.68	1.43	0.83	0.78	0.67	0.17	0.11	0.10	0.97	0.96	0.81	0.77	0.76	0.65	0.23	0.22	0.19	154.44	154.32	114.82	189.40	189.28	140.13	1005.26	1005.14	957.40
2045-07-03	1.65	1.60	1.38	0.79	0.74	0.64	0.16	0.11	0.10	0.92	0.91	0.78	0.73	0.72	0.62	0.22	0.21	0.18	154.07	153.96	114.52	189.03	188.92	139.83	1004.89	1004.78	957.10
2045-07-04	1.63	1.58	1.37	0.78	0.73	0.64	0.16	0.11	0.09	0.91	0.90	0.78	0.72	0.72	0.62	0.21	0.21	0.18	153.76	153.66	114.27	188.72	188.62	139.58	1004.58	1004.48	956.85
2045-07-05	1.61	1.57	1.36	0.77	0.73	0.63	0.15	0.11	0.10	0.90	0.89	0.77	0.72	0.71	0.62	0.21	0.21	0.18	153.62	153.52	114.14	188.58	188.48	139.45	1004.44	1004.34	956.71
2045-07-06	1.54	1.50	1.32	0.74	0.70	0.61	0.15	0.10	0.09	0.86	0.85	0.75	0.69	0.68	0.59	0.20	0.20	0.17	153.49	153.40	114.02	188.45	188.36	139.33	1004.31	1004.22	956.60
2045-07-07	1.48	1.44	1.27	0.71	0.67	0.59	0.14	0.10	0.09	0.83	0.82	0.72	0.66	0.65	0.57	0.20	0.19	0.17	153.27	153.18	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-08	1.43	1.39	1.24	0.69	0.64	0.57	0.14	0.10	0.09	0.80	0.79	0.70	0.63	0.63	0.56	0.19	0.18	0.16	154.45	154.28	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-09	1.40	1.36	1.21	0.67	0.63	0.56	0.13	0.09	0.09	0.78	0.77	0.68	0.62	0.61	0.54	0.18	0.18	0.16	157.07	156.83	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-10	1.41	1.37	1.20	0.68	0.64	0.56	0.14	0.09	0.09	0.79	0.78	0.68	0.63	0.62	0.54	0.19	0.18	0.16	154.97	154.89	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-11	1.55	1.49	1.30	0.74	0.69	0.60	0.15	0.10	0.09	0.86	0.85	0.74	0.69	0.68	0.59	0.20	0.20	0.17	154.51	154.39	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-12	1.68	1.63	1.47	0.81	0.75	0.68	0.16	0.11	0.10	0.94	0.93	0.84	0.75	0.74	0.67	0.22	0.22	0.19	154.13	154.02	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-13	1.56	1.51	1.33	0.75	0.70	0.62	0.15	0.11	0.10	0.87	0.86	0.75	0.69	0.68	0.60	0.21	0.20	0.17	153.81	153.71	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-14	1.49	1.45	1.28	0.72	0.67	0.60	0.14	0.10	0.09	0.83	0.83	0.73	0.66	0.66	0.58	0.20	0.19	0.17	153.54	153.45	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-15	1.44	1.40	1.24	0.69	0.65	0.58	0.14	0.10	0.09	0.80	0.79	0.71	0.64	0.63	0.56	0.19	0.18	0.16	154.89	154.81	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-16	1.39	1.35	1.21	0.67	0.63	0.56	0.13	0.09	0.08	0.77	0.77	0.69	0.62	0.61	0.54	0.18	0.18	0.16	157.07	156.83	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-17	1.34	1.30	1.18	0.64	0.61	0.55	0.13	0.09	0.08	0.75	0.74	0.67	0.60	0.59	0.53	0.18	0.17	0.15	154.52	154.45	113.84	188.23	188.14	139.15	1004.09	1004.00	956.42
2045-07-18	2.25	2.12	2.04	1.08	0.95	0.91	0.22	0.09	0.08	1.25	1.24	1.20	1.00	0.99	0.95	0.30	0.29	0.28	64.38	64.31	61.33	84.74	84.67	80.73	509.95	509.88	485.82
2045-07-19	3.89	3.72	3.65	1.87	1.70	1.68	0.37	0.21	0.22	2.17	2.16	2.11	1.73	1.72	1.68	0.51	0.51	0.50	64.28	64.21	61.22	84.65	84.58	80.62	509.85	509.78	485.72
2045-07-20	2.36	2.34	2.19	1.13	1.12	1.05	0.23	0.21	0.21	1.31	1.31	1.21	1.05	1.04	0.96	0.31	0.30	0.28	64.20	64.13	61.13	84.56	84.50	80.53	509.77	509.70	485.63
2045-07-21	2.61	2.50	2.33	1.25	1.14	1.07	0.25	0.14	0.13	1.46	1.45	1.35	1.16	1.15	1.07	0.34	0.34	0.31	64.08	64.02	61.03	84.45	84.39	80.43	509.65	509.59	485.52
2045-07-22	2.93	2.81	2.68	1.41	1.29	1.23	0.28	0.16	0.15	1.63	1.63	1.55	1.30	1.29	1.24	0.39	0.38	0.36	63.99	63.93	60.94	84.35	84.30	80.35	509.56	509.50	485.44
2045-07-23	2.59	2.51	2.37	1.24	1.16	1.10	0.25	0.17	0.16	1.44	1.43	1.36	1.15	1.14	1.08	0.34	0.33	0.32	63.90	63.84	60.86	84.26	84.21	80.26	509.47	509.41	485.35
2045-07-24	2.39	2.31	2.19	1.15	1.07	1.01	0.23	0.15	0.14	1.33	1.32	1.26	1.06	1.05	1.00	0.31	0.31	0.29	63.82	63.76	60.79	84.18	84.13	80.19	509.39	509.33	485.28
2045-07-25	2.22	2.15	2.05	1.06	0.99	0.95	0.21	0.14	0.13	1.24	1.23	1.17	0.99	0.98	0.93	0.29	0.29	0.27	63.74	63.69	60.72	84.11	84.06	80.13	509.31	509.26	485.22
2045-07-26	2.07	2.01	1.92	1.00	0.93	0.89	0.20	0.13	0.12	1.16	1.15	1.10	0.92	0.91	0.87	0.27	0.27	0.25	63.68	63.63	60.66	84.04	83.99	80.07	509.25	509.20	485.16
2045-07-27	1.95	1.89	1.81	0.94	0.87	0.84	0.19	0.12	0.12	1.09	1.08	1.04	0.87	0.86	0.82	0.26	0.25	0.24	63.62	63.57	60.61	83.99	83.94	80.01	509.19	509.14	485.11
2045-07-28	1.84	1.78	1.72	0.88	0.82	0.79	0.18	0.12	0.11	1.03	1.02	0.98	0.82	0.81	0.78	0.24	0.24	0.23	63.56	63.52	60.56	83.93	83.88	79.97	509.13	509.09	485.06
2045-07-29	1.75	1.69	1.63	0.84	0.78	0.76	0.17	0.11	0.11	0.97	0.96	0.93	0.78	0.77	0.74	0.23	0.22	0.21	63.59	63.54	60.58	83.96	83.91	79.98	509.16	509.11	485.07
2045-07-30	1.66	1.61	1.56	0.80	0.75	0.72	0.16	0.11	0.10	0.93	0.92	0.89	0.74	0.73	0.71	0.22	0.21	0.20	63.62	63.57	60.59	83.98					

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2045-08-29	1.95	1.89	1.64	0.94	0.88	0.77	0.19	0.13	0.12	1.09	1.08	0.93	0.87	0.86	0.74	0.26	0.25	0.22	29.71	29.66	25.68	40.58	40.52	35.07	225.43	225.37	194.87
2045-08-30	1.51	1.49	1.35	0.73	0.70	0.63	0.15	0.12	0.11	0.84	0.84	0.76	0.67	0.66	0.60	0.20	0.19	0.17	29.63	29.57	25.62	40.49	40.44	35.01	225.34	225.29	194.82
2045-08-31	1.46	1.41	1.29	0.70	0.66	0.60	0.14	0.10	0.09	0.81	0.80	0.73	0.65	0.64	0.58	0.19	0.19	0.17	29.55	29.50	25.57	40.41	40.36	34.96	225.27	225.22	194.76
2045-09-01	1.40	1.36	1.25	0.67	0.63	0.58	0.13	0.10	0.09	0.78	0.77	0.71	0.62	0.62	0.56	0.18	0.18	0.16	29.48	29.43	25.52	40.34	40.29	34.91	225.20	225.15	194.70
2045-09-02	1.36	1.32	1.22	0.65	0.61	0.57	0.13	0.09	0.09	0.76	0.75	0.69	0.60	0.59	0.55	0.18	0.17	0.16	29.42	29.37	25.50	40.28	40.23	34.88	225.13	225.08	194.64
2045-09-03	1.41	1.36	1.27	0.68	0.63	0.59	0.13	0.09	0.09	0.78	0.78	0.72	0.62	0.62	0.57	0.19	0.18	0.17	29.36	29.31	25.48	40.22	40.18	34.85	225.07	225.03	194.59
2045-09-04	1.45	1.41	1.35	0.70	0.66	0.63	0.14	0.10	0.09	0.81	0.80	0.77	0.65	0.64	0.61	0.19	0.19	0.18	29.31	29.26	25.46	40.17	40.12	34.82	225.02	224.98	194.54
2045-09-05	1.40	1.37	1.29	0.67	0.64	0.60	0.13	0.10	0.09	0.78	0.77	0.73	0.62	0.62	0.58	0.18	0.18	0.17	29.26	29.21	25.44	40.12	40.08	34.79	224.97	224.93	194.49
2045-09-06	1.52	1.47	1.43	0.73	0.68	0.66	0.15	0.09	0.09	0.85	0.84	0.82	0.67	0.67	0.65	0.20	0.19	0.19	29.34	29.29	25.42	40.21	40.16	34.76	225.06	225.01	194.44
2045-09-07	1.97	1.89	2.08	0.95	0.87	0.94	0.19	0.11	0.11	1.10	1.09	1.21	0.88	0.87	0.96	0.26	0.25	0.28	32.24	32.01	34.35	43.10	42.87	46.06	227.95	227.72	245.35
2045-09-08	1.73	1.69	1.71	0.83	0.79	0.81	0.17	0.12	0.14	0.96	0.96	0.97	0.77	0.76	0.77	0.23	0.22	0.22	35.82	35.59	38.34	46.68	46.45	50.05	231.54	231.30	249.34
2045-09-09	1.65	1.60	1.61	0.79	0.74	0.75	0.16	0.11	0.11	0.92	0.91	0.92	0.73	0.72	0.73	0.22	0.21	0.21	32.52	32.48	34.82	43.39	43.35	46.54	228.24	228.20	245.82
2045-09-10	1.58	1.53	1.54	0.76	0.71	0.72	0.15	0.11	0.11	0.88	0.87	0.88	0.70	0.69	0.70	0.21	0.20	0.20	32.02	31.90	34.19	42.88	42.76	45.90	227.74	227.62	245.19
2045-09-11	1.51	1.47	1.48	0.73	0.68	0.69	0.14	0.10	0.10	0.84	0.83	0.84	0.67	0.66	0.67	0.20	0.19	0.19	31.61	31.50	33.76	42.47	42.36	45.47	227.32	227.21	244.76
2045-09-12	1.63	1.57	1.59	0.78	0.72	0.73	0.16	0.10	0.10	0.91	0.90	0.91	0.72	0.71	0.73	0.21	0.21	0.21	31.27	31.17	33.41	42.13	42.03	45.12	226.98	226.88	244.41
2045-09-13	1.81	1.75	1.82	0.87	0.81	0.84	0.17	0.11	0.11	1.01	1.00	1.05	0.80	0.80	0.83	0.24	0.23	0.24	30.98	30.89	33.11	41.84	41.75	44.83	226.69	226.60	244.11
2045-09-14	2.07	1.98	2.07	0.99	0.91	0.95	0.20	0.11	0.12	1.15	1.14	1.19	0.92	0.91	0.95	0.27	0.27	0.28	30.74	30.65	32.86	41.60	41.51	44.58	226.45	226.36	243.86
2045-09-15	3.51	3.31	3.59	1.69	1.49	1.61	0.34	0.14	0.14	1.96	1.95	2.12	1.56	1.55	1.69	0.46	0.46	0.50	20.93	20.85	22.30	29.64	29.56	31.70	162.49	162.41	174.92
2045-09-16	2.87	2.80	3.04	1.38	1.31	1.42	0.27	0.20	0.22	1.60	1.59	1.73	1.27	1.27	1.38	0.38	0.37	0.41	20.75	20.67	22.12	29.46	29.39	31.51	162.31	162.24	174.74
2045-09-17	2.81	2.70	2.97	1.35	1.24	1.36	0.27	0.17	0.18	1.57	1.56	1.71	1.25	1.24	1.36	0.37	0.36	0.40	21.16	21.05	22.56	29.88	29.77	31.96	162.72	162.62	175.18
2045-09-18	3.84	3.64	4.26	1.84	1.64	1.91	0.37	0.17	0.18	2.14	2.13	2.50	1.71	1.70	1.99	0.51	0.50	0.59	23.42	23.19	25.05	32.13	31.90	34.45	164.98	164.75	177.67
2045-09-19	8.70	8.10	9.63	4.18	3.58	4.37	0.83	0.23	0.48	4.85	4.84	5.62	3.86	3.85	4.48	1.15	1.14	1.32	23.26	23.12	25.01	31.98	31.83	34.41	164.83	164.68	177.63
2045-09-20	10.35	10.45	12.15	4.97	5.06	5.89	0.99	1.09	1.27	5.78	5.76	6.69	4.60	4.59	5.33	1.36	1.36	1.58	22.35	22.25	23.97	31.07	30.96	33.37	163.92	163.81	176.59
2045-09-21	6.98	6.85	7.79	3.35	3.21	3.66	0.67	0.53	0.61	3.90	3.88	4.42	3.10	3.09	3.52	0.92	0.92	1.04	21.95	21.85	23.50	30.67	30.56	32.90	163.52	163.41	176.12
2045-09-22	5.72	5.54	6.17	2.75	2.56	2.86	0.55	0.37	0.41	3.19	3.18	3.54	2.54	2.53	2.82	0.75	0.75	0.83	22.02	21.90	23.58	30.74	30.61	32.97	163.58	163.46	176.19
2045-09-23	4.83	4.67	5.12	2.32	2.16	2.37	0.46	0.31	0.34	2.69	2.68	2.94	2.14	2.14	2.34	0.64	0.63	0.69	22.50	22.35	24.12	31.22	31.07	33.52	164.06	163.92	176.74
2045-09-24	4.17	4.03	4.37	2.00	1.86	2.02	0.40	0.26	0.28	2.33	2.31	2.51	1.85	1.84	2.00	0.55	0.54	0.59	23.74	23.52	25.56	32.45	32.24	34.95	165.30	165.09	178.18
2045-09-25	3.66	3.54	3.80	1.76	1.63	1.75	0.35	0.23	0.25	2.04	2.03	2.18	1.63	1.62	1.74	0.48	0.48	0.51	24.53	24.31	26.48	33.25	33.03	35.88	166.10	165.88	179.10
2045-09-26	3.26	3.16	3.36	1.57	1.46	1.55	0.31	0.20	0.22	1.82	1.81	1.93	1.45	1.44	1.54	0.43	0.42	0.45	23.62	23.48	25.45	32.34	32.20	34.84	165.19	165.04	178.07
2045-09-27	3.06	2.95	3.13	1.47	1.36	1.44	0.29	0.18	0.19	1.71	1.70	1.80	1.36	1.35	1.43	0.40	0.40	0.42	22.98	22.85	24.69	31.70	31.56	34.08	164.54	164.41	177.31
2045-09-28	2.87	2.78	2.93	1.38	1.28	1.35	0.28	0.18	0.19	1.60	1.59	1.69	1.28	1.27	1.34	0.38	0.37	0.39	26.30	25.93	28.40	35.01	34.64	37.80	167.86	167.49	181.02
2045-09-29	2.63	2.54	2.67	1.26	1.17	1.23	0.25	0.17	0.17	1.46	1.46	1.53	1.17	1.16	1.22	0.35	0.34	0.36	34.86	33.75	38.16	43.58	42.47	47.56	176.43	175.32	190.78
2045-09-30	2.42	2.34	2.45	1.16	1.08	1.13	0.23	0.15	0.16	1.35	1.34	1.40	1.07	1.07	1.12	0.32	0.31	0.33	31.75	30.98	35.25	40.46	39.69	44.64	173.31	172.54	187.87
2045-10-01	2.24	2.17	2.26	1.08	1.01	1.05	0.22	0.14	0.15	1.25	1.24	1.30	1.00	0.99	1.03	0.30	0.29	0.30	29.58	29.28	32.33	38.29	37.99	41.91	171.14	170.84	187.98
2045-10-02	2.31	2.22	2.37	1.11	1.02	1.09	0.22	0.13	0.14	1.29	1.28	1.37	1.02	1.02	1.09	0.30	0.30	0.32	27.54	27.30	30.31	36.26	36.02	39.89	169.11	168.86	185.96
2045-10-03	2.35	2.27	2.47	1.13	1.05	1.14	0.23	0.14	0.15	1.31	1.30	1.42	1.04	1.04	1.13	0.31	0.30	0.33	25.97	25.77	28.49	34.69	34.48	38.07	167.53	167.33	184.13
2045-10-04	2.19	2.12	2.29	1.05	0.98	1.06	0.21	0.14	0.15	1.22	1.21	1.31	0.97	0.96	1.04	0.29	0.28	0.31	24.78	24.60	27.07	33.49	33.32	36.65	166.34	166.17	182.71
2045-10-05	2.05	1.98	2.13	0.98	0.92	0.99	0.20	0.13	0.14	1.14	1.13	1.22	0.91	0.90	0.97	0.27	0.26	0.28	23.88	23.73	26.02	32.60	32.44	35.60	165.44	165.29	181.67
2045-10-06	1.92	1.86	2.00	0.92	0.86	0.92	0.18	0.12	0.13	1.07	1.07	1.14	0.85	0.85	0.91	0.25	0.25	0.27	23.18	22.83	25.22	31.90	31.54	34.81	164.74	164.39	180.87
2045-10-07	1.82	1.76	1.88	0.87	0.82	0.87	0.17	0.12	0.13	1.01	1.01	1.07	0.81	0.80	0.85	0.24	0.23	0.25	22.94	22.60	25.01	31.66	31.32	34.60	164.51	164.17	180.66
2045-10-08	1.73	1.67	1.77	0.83	0.78	0.82	0.17	0.11	0.12	0.96	0.96	1.01	0.77	0.76	0.81	0.23	0.22	0.23	22.72	22.39	24.82	31.43	31.11	34.41	164.28	163.96	180.47
2045-10-09	1.83	1.76	1.90	0.88	0.81	0.87	0.18	0.11	0.11	1.02	1.01	1.09	0.81	0.81	0.87	0.24	0.23	0.25	22.25	21.96	24.29	30.97	30.67	33.87	163.82	163.52	179.94
2045-10-10	1.92	1.85	2.05	0.92	0.86	0.94	0.18	0.12	0.13	1.07	1.06	1.18	0.85	0.85	0.94	0.25	0.25	0.2									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2045-11-08	2.40	2.32	2.68	1.15	1.07	1.22	0.23	0.15	0.14	1.34	1.34	1.56	1.07	1.06	1.24	0.32	0.32	0.37	18.57	18.53	19.40	26.74	26.70	27.95	137.71	137.67	144.11
2045-11-09	2.23	2.15	2.48	1.07	0.99	1.15	0.21	0.14	0.16	1.24	1.24	1.43	0.99	0.99	1.14	0.29	0.29	0.34	18.55	18.52	19.38	26.71	26.68	27.93	137.68	137.65	144.09
2045-11-10	2.08	2.00	2.28	1.00	0.92	1.05	0.20	0.12	0.14	1.16	1.15	1.32	0.92	0.92	1.05	0.27	0.27	0.31	18.52	18.49	19.35	26.69	26.65	27.89	137.66	137.62	144.06
2045-11-11	1.96	1.88	2.12	0.94	0.86	0.97	0.19	0.11	0.13	1.09	1.08	1.22	0.87	0.86	0.97	0.26	0.25	0.28	18.50	18.47	19.32	26.67	26.63	27.87	137.64	137.60	144.03
2045-11-12	1.85	1.79	1.99	0.89	0.83	0.92	0.18	0.12	0.13	1.03	1.03	1.15	0.82	0.82	0.91	0.24	0.24	0.27	18.48	18.45	19.30	26.65	26.61	27.85	137.62	137.58	144.01
2045-11-13	1.75	1.69	1.87	0.84	0.78	0.86	0.17	0.10	0.12	0.98	0.97	1.07	0.78	0.77	0.86	0.23	0.23	0.25	18.48	18.45	19.31	26.64	26.62	27.86	137.62	137.59	144.02
2045-11-14	1.73	1.67	1.85	0.83	0.77	0.85	0.17	0.11	0.12	0.96	0.96	1.06	0.77	0.76	0.85	0.23	0.23	0.25	18.49	18.48	19.36	26.65	26.65	27.90	137.62	137.62	144.07
2045-11-15	1.70	1.64	1.82	0.81	0.76	0.84	0.16	0.11	0.12	0.95	0.94	1.05	0.75	0.75	0.83	0.22	0.22	0.25	18.66	18.64	19.53	27.32	27.31	28.60	123.16	123.15	128.93
2045-11-16	1.62	1.56	1.72	0.78	0.72	0.79	0.16	0.10	0.11	0.90	0.90	0.99	0.72	0.71	0.79	0.21	0.21	0.23	18.64	18.61	19.49	27.30	27.27	28.56	123.14	123.11	128.88
2045-11-17	1.55	1.48	1.62	0.74	0.68	0.74	0.15	0.08	0.09	0.86	0.85	0.94	0.69	0.68	0.74	0.20	0.20	0.22	18.62	18.59	19.46	27.28	27.25	28.53	123.13	123.09	128.86
2045-11-18	1.49	1.42	1.55	0.71	0.65	0.71	0.14	0.08	0.09	0.83	0.82	0.89	0.66	0.65	0.71	0.20	0.19	0.21	18.61	18.57	19.44	27.27	27.23	28.51	123.11	123.07	128.83
2045-11-19	1.43	1.37	1.48	0.69	0.62	0.67	0.14	0.07	0.08	0.80	0.79	0.85	0.64	0.63	0.68	0.19	0.18	0.19	18.59	18.56	19.43	27.25	27.22	28.49	123.09	123.07	128.82
2045-11-20	1.38	1.32	1.42	0.66	0.60	0.65	0.13	0.07	0.08	0.77	0.76	0.82	0.61	0.60	0.65	0.18	0.17	0.19	18.58	18.54	19.40	27.24	27.20	28.47	123.08	123.05	128.80
2045-11-21	1.34	1.28	1.37	0.64	0.58	0.62	0.13	0.07	0.07	0.75	0.74	0.79	0.59	0.58	0.63	0.18	0.17	0.18	18.56	18.52	19.37	27.22	27.18	28.44	123.07	123.02	128.77
2045-11-22	1.30	1.24	1.32	0.62	0.56	0.60	0.12	0.07	0.07	0.72	0.71	0.76	0.58	0.57	0.60	0.17	0.16	0.17	18.55	18.50	19.36	27.21	27.16	28.42	123.05	123.00	128.75
2045-11-23	1.26	1.20	1.27	0.60	0.55	0.58	0.12	0.06	0.07	0.70	0.69	0.73	0.56	0.55	0.58	0.17	0.16	0.17	18.54	18.49	19.35	27.20	27.15	28.41	123.04	123.00	128.74
2045-11-24	1.22	1.16	1.23	0.59	0.53	0.56	0.12	0.06	0.06	0.68	0.67	0.71	0.54	0.53	0.56	0.16	0.15	0.16	18.53	18.49	19.34	27.19	27.15	28.40	123.03	122.99	128.73
2045-11-25	1.19	1.14	1.20	0.57	0.52	0.55	0.11	0.06	0.07	0.67	0.66	0.69	0.53	0.52	0.55	0.16	0.15	0.16	18.51	18.48	19.33	27.18	27.14	28.39	123.02	122.98	128.72
2045-11-26	1.16	1.13	1.18	0.56	0.52	0.55	0.11	0.07	0.08	0.65	0.64	0.68	0.52	0.51	0.54	0.15	0.15	0.16	18.50	18.47	19.31	27.16	27.13	28.38	123.01	122.97	128.71
2045-11-27	1.14	1.11	1.16	0.55	0.51	0.54	0.11	0.08	0.08	0.64	0.63	0.66	0.51	0.50	0.53	0.15	0.15	0.15	18.49	18.46	19.31	27.15	27.12	28.37	123.00	122.97	128.70
2045-11-28	1.11	1.08	1.13	0.53	0.50	0.52	0.11	0.07	0.08	0.62	0.62	0.65	0.49	0.49	0.51	0.15	0.14	0.15	18.48	18.45	19.29	27.15	27.11	28.36	122.99	122.96	128.69
2045-11-29	1.09	1.06	1.10	0.52	0.49	0.51	0.10	0.07	0.07	0.61	0.60	0.63	0.48	0.48	0.50	0.14	0.14	0.15	18.48	18.44	19.28	27.14	27.10	28.35	122.98	122.94	128.67
2045-11-30	1.07	1.04	1.08	0.51	0.48	0.50	0.10	0.07	0.07	0.60	0.59	0.62	0.48	0.47	0.49	0.14	0.14	0.14	18.47	18.44	19.28	27.13	27.10	28.34	122.97	122.94	128.67
2045-12-01	1.05	1.02	1.06	0.50	0.48	0.49	0.10	0.07	0.07	0.59	0.58	0.61	0.47	0.46	0.48	0.14	0.14	0.14	18.46	18.44	18.64	27.12	27.10	27.39	122.96	122.94	124.20
2045-12-02	1.03	1.01	1.04	0.50	0.47	0.48	0.10	0.07	0.07	0.58	0.57	0.59	0.46	0.46	0.47	0.14	0.13	0.14	18.45	18.43	18.63	27.11	27.09	27.38	122.95	122.93	124.19
2045-12-03	1.02	0.99	1.02	0.49	0.46	0.47	0.10	0.07	0.07	0.57	0.56	0.58	0.45	0.45	0.46	0.13	0.13	0.14	18.44	18.42	18.62	27.10	27.08	27.37	122.95	122.92	124.18
2045-12-04	1.00	0.97	1.00	0.48	0.45	0.46	0.10	0.06	0.07	0.56	0.55	0.57	0.44	0.44	0.45	0.13	0.13	0.13	18.44	18.40	18.60	27.10	27.06	27.35	122.94	122.91	124.16
2045-12-05	0.99	0.95	0.98	0.47	0.44	0.45	0.09	0.06	0.06	0.55	0.54	0.56	0.44	0.43	0.45	0.13	0.13	0.13	18.43	18.39	18.59	27.09	27.05	27.34	122.93	122.89	124.15
2045-12-06	0.97	0.94	0.97	0.47	0.43	0.45	0.09	0.06	0.06	0.54	0.54	0.55	0.43	0.43	0.44	0.13	0.12	0.13	18.42	18.38	18.58	27.08	27.04	27.33	122.93	122.88	124.14
2045-12-07	0.96	0.93	0.96	0.46	0.43	0.44	0.09	0.06	0.06	0.54	0.53	0.55	0.43	0.42	0.43	0.13	0.12	0.13	18.42	18.37	18.57	27.08	27.03	27.32	122.92	122.87	124.13
2045-12-08	0.95	0.92	0.95	0.45	0.43	0.44	0.09	0.07	0.07	0.53	0.53	0.54	0.42	0.42	0.43	0.12	0.12	0.13	18.41	18.36	18.56	27.07	27.02	27.31	122.91	122.87	124.12
2045-12-09	0.94	0.92	0.94	0.45	0.43	0.44	0.09	0.07	0.07	0.52	0.52	0.53	0.42	0.41	0.42	0.12	0.12	0.13	18.41	18.36	18.56	27.07	27.02	27.31	122.91	122.87	124.12
2045-12-10	0.93	0.90	0.92	0.44	0.42	0.43	0.09	0.06	0.07	0.52	0.51	0.52	0.41	0.41	0.42	0.12	0.12	0.12	18.41	18.37	18.56	27.07	27.03	27.30	122.91	122.87	124.11
2045-12-11	0.92	0.90	0.92	0.44	0.42	0.43	0.09	0.06	0.06	0.51	0.51	0.53	0.41	0.41	0.42	0.12	0.12	0.12	18.41	18.38	18.56	27.07	27.04	27.30	122.91	122.88	124.11
2045-12-12	1.16	1.11	1.24	0.55	0.51	0.56	0.11	0.07	0.07	0.64	0.64	0.72	0.51	0.51	0.57	0.15	0.15	0.17	18.41	18.38	18.55	27.07	27.04	27.30	122.91	122.88	124.11
2045-12-13	1.48	1.42	1.60	0.71	0.65	0.73	0.14	0.08	0.09	0.83	0.82	0.93	0.66	0.66	0.74	0.19	0.20	0.22	18.41	18.39	18.56	27.07	27.05	27.30	122.91	122.89	124.12
2045-12-14	1.06	1.06	1.14	0.51	0.50	0.55	0.10	0.10	0.10	0.59	0.59	0.64	0.47	0.47	0.51	0.14	0.14	0.15	18.41	18.39	18.56	27.07	27.05	27.31	122.91	122.89	124.12
2045-12-15	1.04	1.02	1.09	0.50	0.47	0.51	0.10	0.07	0.08	0.58	0.58	0.62	0.46	0.46	0.50	0.14	0.14	0.15	13.16	13.13	13.28	19.27	19.25	19.46	81.12	81.10	81.93
2045-12-16	1.03	1.00	1.07	0.49	0.46	0.49	0.10	0.07	0.07	0.57	0.57	0.61	0.46	0.45	0.48	0.14	0.13	0.14	13.23	13.21	13.42	19.35	19.33	19.60	81.20	81.17	82.07
2045-12-17	1.01	0.98	1.04	0.49	0.45	0.48	0.10	0.06	0.07	0.56	0.56	0.60	0.45	0.44	0.47	0.13	0.13	0.14	13.11	13.10	13.27	19.23	19.21	19.45	81.07	81.06	81.92
2045-12-18	1.00	0.97	1.03	0.48	0.45	0.48	0.10	0.07	0.07	0.56	0.55	0.59	0.44	0.44	0.47	0.13	0.13	0.14	13.11	13.09	13.21	19.22	19.20	19.39	81.07	81.05	81.86
2045-12-19	0.98	0.95	1.01	0.47	0.44	0.47	0.09	0.06	0.07	0.55	0.54	0.58	0.44	0.43	0.46	0.13	0.13	0.13	13.09	13.07	13.20	19.21	19.19	19.38	81.06	81.03	81.85
2045-12-20	0.97	0.94	0.99	0.47	0.43	0.46	0.09	0.06	0.06	0.54	0.53	0.57	0.43	0.43	0.45	0.13	0.12	0.13	13.09	13							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2046-01-18	0.88	0.87	0.95	0.42	0.41	0.45	0.08	0.07	0.08	0.49	0.49	0.53	0.39	0.39	0.43	0.12	0.11	0.13	10.45	10.43	10.41	16.37	16.34	16.33	69.35	69.33	69.29
2046-01-19	0.87	0.85	0.93	0.42	0.40	0.43	0.08	0.06	0.07	0.49	0.48	0.53	0.39	0.39	0.42	0.12	0.11	0.12	10.45	10.43	10.42	16.37	16.35	16.33	69.35	69.34	69.29
2046-01-20	0.87	0.85	0.92	0.42	0.40	0.43	0.08	0.06	0.07	0.48	0.48	0.52	0.39	0.38	0.41	0.11	0.11	0.12	10.45	10.43	10.42	16.37	16.35	16.33	69.36	69.33	69.29
2046-01-21	0.86	0.84	0.91	0.41	0.39	0.42	0.08	0.06	0.07	0.48	0.48	0.52	0.38	0.38	0.41	0.11	0.11	0.12	10.45	10.43	10.42	16.37	16.35	16.33	69.36	69.33	69.29
2046-01-22	0.85	0.84	0.90	0.41	0.39	0.42	0.08	0.06	0.07	0.48	0.47	0.51	0.38	0.38	0.41	0.11	0.11	0.12	10.45	10.43	10.41	16.37	16.34	16.33	69.36	69.33	69.29
2046-01-23	0.85	0.83	0.89	0.41	0.39	0.42	0.08	0.07	0.07	0.47	0.47	0.51	0.38	0.38	0.40	0.11	0.11	0.12	10.46	10.43	10.41	16.37	16.35	16.33	69.36	69.33	69.29
2046-01-24	0.84	0.82	0.88	0.40	0.39	0.41	0.08	0.06	0.07	0.47	0.47	0.50	0.37	0.37	0.40	0.11	0.11	0.12	10.46	10.43	10.42	16.37	16.35	16.33	69.36	69.34	69.29
2046-01-25	0.84	0.82	0.87	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.46	0.50	0.37	0.37	0.39	0.11	0.11	0.12	10.46	10.44	10.43	16.38	16.36	16.34	69.36	69.34	69.30
2046-01-26	0.84	0.83	0.89	0.40	0.39	0.42	0.08	0.07	0.07	0.47	0.47	0.50	0.37	0.37	0.40	0.11	0.11	0.12	10.46	10.44	10.43	16.38	16.36	16.34	69.36	69.34	69.30
2046-01-27	0.94	0.93	1.03	0.45	0.43	0.48	0.09	0.07	0.08	0.53	0.53	0.59	0.42	0.42	0.47	0.12	0.13	0.14	10.46	10.44	10.43	16.38	16.36	16.34	69.36	69.34	69.30
2046-01-28	0.89	0.87	0.93	0.43	0.41	0.44	0.09	0.07	0.08	0.50	0.49	0.53	0.39	0.39	0.42	0.12	0.12	0.12	10.46	10.44	10.43	16.38	16.36	16.34	69.36	69.34	69.30
2046-01-29	0.85	0.83	0.91	0.41	0.39	0.42	0.08	0.06	0.07	0.48	0.47	0.52	0.38	0.38	0.41	0.11	0.11	0.12	10.46	10.44	10.43	16.38	16.36	16.34	69.37	69.34	69.30
2046-01-30	0.85	0.82	0.89	0.41	0.38	0.42	0.08	0.06	0.06	0.47	0.47	0.51	0.38	0.37	0.40	0.11	0.11	0.12	10.46	10.44	10.42	16.38	16.35	16.34	69.37	69.34	69.30
2046-01-31	0.84	0.82	0.88	0.40	0.38	0.41	0.08	0.06	0.06	0.47	0.46	0.50	0.37	0.37	0.40	0.11	0.11	0.12	10.47	10.44	10.43	16.38	16.36	16.34	69.37	69.34	69.30
2046-02-01	0.84	0.81	0.87	0.40	0.38	0.40	0.08	0.06	0.06	0.47	0.46	0.50	0.37	0.37	0.40	0.11	0.11	0.11	10.47	10.45	10.42	16.38	16.36	16.33	69.37	69.35	69.24
2046-02-02	0.83	0.81	0.87	0.40	0.38	0.40	0.08	0.06	0.06	0.46	0.46	0.49	0.37	0.36	0.39	0.11	0.11	0.11	10.47	10.45	10.49	16.38	16.37	16.40	69.37	69.35	69.30
2046-02-03	0.82	0.81	0.86	0.40	0.38	0.40	0.08	0.06	0.06	0.46	0.46	0.49	0.37	0.36	0.39	0.11	0.11	0.11	10.47	10.45	10.58	16.39	16.37	16.49	69.37	69.35	69.39
2046-02-04	0.82	0.81	0.86	0.39	0.38	0.40	0.08	0.06	0.07	0.46	0.46	0.49	0.36	0.36	0.39	0.11	0.11	0.12	10.47	10.45	10.44	16.39	16.37	16.35	69.37	69.35	69.25
2046-02-05	0.82	0.80	0.85	0.39	0.38	0.40	0.08	0.06	0.07	0.45	0.45	0.48	0.36	0.36	0.39	0.11	0.11	0.11	10.47	10.45	10.42	16.39	16.37	16.33	69.37	69.36	69.24
2046-02-06	0.81	0.79	0.84	0.39	0.37	0.40	0.08	0.06	0.06	0.45	0.45	0.48	0.36	0.36	0.38	0.11	0.11	0.11	10.47	10.45	10.42	16.39	16.37	16.33	69.37	69.36	69.24
2046-02-07	0.81	0.79	0.84	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.10	0.11	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2046-02-08	0.80	0.78	0.83	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.44	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2046-02-09	0.80	0.78	0.82	0.38	0.36	0.38	0.08	0.06	0.06	0.45	0.44	0.47	0.35	0.35	0.37	0.11	0.10	0.11	10.47	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2046-02-10	0.79	0.78	0.82	0.38	0.37	0.39	0.08	0.06	0.06	0.44	0.44	0.47	0.35	0.35	0.37	0.10	0.10	0.11	10.48	10.45	10.42	16.39	16.37	16.33	69.38	69.35	69.24
2046-02-11	0.83	0.81	0.97	0.40	0.38	0.45	0.08	0.06	0.07	0.46	0.46	0.55	0.37	0.37	0.44	0.11	0.11	0.13	10.48	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2046-02-12	0.87	0.85	1.18	0.42	0.40	0.55	0.08	0.07	0.09	0.48	0.48	0.68	0.38	0.38	0.54	0.11	0.11	0.16	10.48	10.45	10.42	16.39	16.37	16.33	69.38	69.36	69.24
2046-02-13	0.85	0.83	0.99	0.41	0.39	0.47	0.08	0.07	0.09	0.47	0.47	0.55	0.38	0.38	0.44	0.11	0.11	0.13	10.48	10.46	10.50	16.40	16.37	16.41	69.38	69.36	69.32
2046-02-14	0.90	0.88	0.97	0.43	0.41	0.46	0.09	0.07	0.07	0.50	0.50	0.55	0.40	0.40	0.44	0.12	0.12	0.13	10.48	10.46	10.61	16.40	16.38	16.52	69.38	69.36	69.42
2046-02-15	0.81	0.80	0.93	0.39	0.38	0.44	0.08	0.07	0.07	0.45	0.45	0.53	0.36	0.36	0.42	0.11	0.11	0.12	10.50	10.48	10.46	15.38	15.36	15.34	65.48	65.46	65.36
2046-02-16	0.80	0.79	0.92	0.39	0.37	0.43	0.08	0.06	0.07	0.45	0.45	0.52	0.36	0.36	0.41	0.11	0.11	0.12	10.50	10.48	10.44	15.39	15.36	15.32	65.48	65.46	65.34
2046-02-17	0.80	0.78	0.90	0.38	0.37	0.42	0.08	0.06	0.07	0.45	0.44	0.51	0.36	0.35	0.41	0.11	0.10	0.12	10.51	10.48	10.45	15.39	15.36	15.32	65.48	65.46	65.34
2046-02-18	0.80	0.78	0.89	0.38	0.36	0.42	0.08	0.06	0.06	0.44	0.44	0.51	0.35	0.35	0.40	0.10	0.10	0.12	10.51	10.49	10.45	15.39	15.37	15.32	65.49	65.46	65.34
2046-02-19	0.79	0.77	0.88	0.38	0.36	0.41	0.08	0.06	0.06	0.44	0.44	0.50	0.35	0.35	0.40	0.10	0.10	0.12	10.51	10.49	10.45	15.39	15.37	15.32	65.49	65.46	65.34
2046-02-20	0.79	0.78	0.88	0.38	0.36	0.41	0.08	0.06	0.06	0.44	0.44	0.50	0.35	0.35	0.40	0.10	0.10	0.12	10.51	10.48	10.45	15.39	15.37	15.32	65.49	65.46	65.34
2046-02-21	0.79	0.78	0.87	0.38	0.36	0.41	0.08	0.06	0.06	0.44	0.44	0.49	0.35	0.35	0.39	0.10	0.10	0.12	10.51	10.49	10.45	15.39	15.37	15.32	65.49	65.47	65.35
2046-02-22	0.80	0.78	0.86	0.38	0.37	0.40	0.08	0.06	0.06	0.44	0.44	0.49	0.35	0.35	0.39	0.10	0.10	0.11	10.51	10.48	10.45	15.39	15.36	15.32	65.49	65.46	65.34
2046-02-23	0.80	0.78	0.85	0.38	0.36	0.40	0.08	0.06	0.06	0.44	0.44	0.48	0.35	0.35	0.38	0.10	0.10	0.11	10.51	10.49	10.45	15.39	15.37	15.33	65.49	65.47	65.35
2046-02-24	0.80	0.78	0.84	0.38	0.36	0.39	0.08	0.05	0.06	0.44	0.44	0.48	0.35	0.35	0.38	0.10	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2046-02-25	0.80	0.78	0.83	0.38	0.36	0.39	0.08	0.05	0.06	0.45	0.44	0.47	0.35	0.35	0.38	0.11	0.10	0.11	10.51	10.49	10.45	15.39	15.37	15.32	65.49	65.47	65.35
2046-02-26	0.80	0.78	0.83	0.38	0.36	0.38	0.08	0.05	0.06	0.45	0.44	0.47	0.35	0.35	0.37	0.11	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2046-02-27	0.80	0.78	0.83	0.38	0.37	0.39	0.08	0.06	0.06	0.45	0.44	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.35
2046-02-28	0.80	0.78	0.82	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.47	0.36	0.35	0.37	0.11	0.10	0.11	10.51	10.49	10.46	15.39	15.37	15.33	65.49	65.47	65.36
2046-03-01	0.80	0.78	0.81	0.38	0.36	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.37	0.11	0.10	0.11	10.77	10.73	25.01	15.65	15.62	36.99	65.75	65.71	159.89

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2046-03-30	1.18	1.15	4.59	0.56	0.53	2.09	0.11	0.08	0.24	0.66	0.66	2.70	0.52	0.53	2.15	0.16	0.16	0.65	13.69	13.67	34.04	20.50	20.48	50.73	82.75	82.73	203.47
2046-03-31	1.57	1.52	8.25	0.75	0.71	3.69	0.15	0.10	0.32	0.88	0.88	4.90	0.70	0.70	3.91	0.21	0.21	1.17	13.79	13.78	34.66	20.60	20.58	51.35	82.86	82.84	204.08
2046-04-01	1.75	1.68	13.67	0.84	0.77	6.50	0.17	0.10	1.21	0.98	0.97	7.68	0.78	0.77	6.12	0.23	0.23	1.83	14.16	14.13	32.69	20.97	20.93	47.66	83.22	83.19	184.59
2046-04-02	1.00	1.01	10.48	0.48	0.49	5.05	0.10	0.11	1.04	0.56	0.56	5.82	0.45	0.44	4.64	0.13	0.13	1.38	14.66	14.62	34.34	21.46	21.42	49.31	83.72	83.68	186.24
2046-04-03	0.99	0.96	9.01	0.47	0.45	4.14	0.09	0.07	0.54	0.55	0.55	5.22	0.44	0.44	4.16	0.13	0.13	1.24	14.78	14.75	34.98	21.58	21.55	49.95	83.84	83.81	186.89
2046-04-04	0.97	0.95	9.42	0.47	0.45	4.44	0.09	0.07	0.76	0.54	0.54	5.35	0.43	0.43	4.26	0.13	0.13	1.28	15.09	15.04	36.34	21.89	21.84	51.31	84.15	84.10	188.24
2046-04-05	0.96	0.94	10.34	0.46	0.44	4.78	0.09	0.07	0.68	0.54	0.53	5.97	0.43	0.43	4.76	0.13	0.13	1.42	16.06	15.96	38.83	22.87	22.77	53.80	85.12	85.03	190.74
2046-04-06	0.95	0.93	10.77	0.46	0.44	5.20	0.09	0.07	1.08	0.53	0.53	5.98	0.42	0.42	4.76	0.12	0.12	1.42	16.78	16.67	39.52	23.59	23.47	54.49	85.85	85.73	191.42
2046-04-07	0.94	0.92	7.76	0.45	0.43	3.30	0.09	0.07	0.00	0.52	0.52	4.78	0.42	0.41	3.80	0.12	0.12	1.13	16.74	16.67	39.65	23.54	23.47	54.61	85.80	85.73	191.55
2046-04-08	0.93	0.91	6.92	0.44	0.43	3.12	0.09	0.07	0.31	0.52	0.51	4.08	0.41	0.41	3.25	0.12	0.12	0.97	16.21	16.11	37.12	23.01	22.91	52.09	85.27	85.17	189.02
2046-04-09	1.01	0.98	7.51	0.48	0.46	3.43	0.10	0.07	0.41	0.56	0.56	4.38	0.45	0.45	3.49	0.13	0.13	1.04	15.85	15.76	35.17	22.66	22.56	50.14	84.92	84.82	187.07
2046-04-10	1.33	1.30	9.61	0.64	0.60	4.44	0.13	0.09	0.63	0.74	0.75	5.55	0.59	0.60	4.43	0.18	0.18	1.33	15.64	15.54	34.76	22.44	22.35	49.72	84.70	84.61	186.66
2046-04-11	1.04	1.03	9.26	0.50	0.49	4.32	0.10	0.09	0.67	0.58	0.58	5.31	0.46	0.46	4.24	0.14	0.14	1.27	15.44	15.36	34.69	22.25	22.17	49.66	84.51	84.42	186.60
2046-04-12	1.03	1.01	8.90	0.50	0.47	4.09	0.10	0.08	0.54	0.58	0.57	5.16	0.46	0.46	4.12	0.14	0.14	1.23	15.21	15.14	34.24	22.02	21.94	49.20	84.27	84.20	186.14
2046-04-13	1.02	1.00	9.23	0.49	0.47	4.25	0.10	0.07	0.57	0.57	0.57	5.34	0.45	0.45	4.26	0.13	0.13	1.28	15.01	14.94	34.88	21.81	21.74	49.85	84.07	84.00	186.78
2046-04-14	1.01	0.98	8.96	0.48	0.46	4.13	0.10	0.07	0.57	0.56	0.56	5.18	0.45	0.45	4.13	0.13	0.13	1.24	14.84	14.77	34.82	21.64	21.57	49.79	83.90	83.83	186.73
2046-04-15	0.99	0.97	9.78	0.48	0.45	4.15	0.09	0.07	0.00	0.55	0.55	5.98	0.44	0.44	4.76	0.13	0.13	1.39	33.23	33.17	74.33	45.58	45.52	101.50	195.89	195.83	432.10
2046-04-16	0.98	0.96	10.80	0.47	0.45	4.80	0.09	0.07	0.36	0.54	0.54	6.42	0.43	0.43	5.11	0.13	0.13	1.52	33.10	33.04	73.34	45.45	45.39	100.50	195.76	195.70	431.11
2046-04-17	0.96	0.94	8.35	0.46	0.44	3.90	0.09	0.07	0.61	0.54	0.54	4.77	0.43	0.43	3.80	0.13	0.13	1.13	32.98	32.92	72.35	45.33	45.27	99.52	195.64	195.58	430.12
2046-04-18	0.95	0.93	6.57	0.46	0.43	3.05	0.09	0.07	0.44	0.53	0.53	3.78	0.42	0.42	3.01	0.13	0.12	0.89	32.88	32.82	71.87	45.23	45.17	99.03	195.54	195.48	429.64
2046-04-19	0.94	0.92	5.52	0.45	0.43	2.55	0.09	0.07	0.36	0.52	0.52	3.18	0.42	0.42	2.53	0.12	0.12	0.75	33.00	32.93	71.88	45.35	45.29	99.05	195.66	195.60	429.66
2046-04-20	0.95	0.93	5.91	0.46	0.43	2.70	0.09	0.07	0.33	0.53	0.53	3.43	0.42	0.42	2.73	0.13	0.12	0.81	33.78	33.71	72.92	46.13	46.06	100.09	196.44	196.37	430.70
2046-04-21	0.97	0.95	6.71	0.46	0.44	3.13	0.09	0.07	0.48	0.54	0.54	3.84	0.43	0.43	3.06	0.13	0.13	0.91	33.79	33.73	73.56	46.14	46.08	100.73	196.45	196.39	431.34
2046-04-22	0.95	0.93	5.71	0.46	0.44	2.43	0.09	0.07	0.00	0.53	0.53	3.51	0.42	0.42	2.79	0.12	0.12	0.83	33.46	33.39	72.77	45.81	45.74	99.94	196.12	196.05	430.55
2046-04-23	0.94	0.92	5.39	0.45	0.43	2.29	0.09	0.07	0.00	0.52	0.52	3.32	0.42	0.42	2.64	0.12	0.12	0.78	33.30	33.23	72.16	45.65	45.58	99.33	195.96	195.89	429.94
2046-04-24	0.93	0.91	5.18	0.44	0.43	2.20	0.09	0.08	0.00	0.52	0.52	3.19	0.41	0.41	2.54	0.12	0.12	0.75	33.15	33.09	71.67	45.51	45.44	98.83	195.82	195.75	429.44
2046-04-25	0.92	0.91	5.03	0.44	0.43	2.20	0.09	0.08	0.11	0.51	0.51	3.03	0.41	0.41	2.41	0.12	0.12	0.71	33.21	33.15	71.36	45.56	45.50	98.53	195.87	195.81	429.13
2046-04-26	0.97	0.95	5.33	0.46	0.45	2.43	0.09	0.07	0.29	0.54	0.54	3.10	0.43	0.43	2.47	0.13	0.13	0.73	33.57	33.53	71.18	45.93	45.88	98.35	196.24	196.19	428.95
2046-04-27	1.18	1.16	5.46	0.57	0.55	2.49	0.11	0.09	0.30	0.66	0.67	3.18	0.53	0.53	2.53	0.16	0.16	0.75	34.37	34.31	71.00	46.72	46.66	98.16	197.03	196.97	428.77
2046-04-28	1.01	1.00	5.75	0.48	0.47	2.62	0.10	0.08	0.31	0.56	0.56	3.35	0.45	0.45	2.67	0.13	0.13	0.79	35.18	35.09	70.99	47.53	47.44	98.16	197.84	197.75	428.77
2046-04-29	1.03	1.01	5.88	0.50	0.48	2.71	0.10	0.08	0.37	0.58	0.58	3.39	0.46	0.46	2.70	0.14	0.14	0.80	35.17	35.11	70.97	47.52	47.46	98.13	197.83	197.77	428.74
2046-04-30	1.03	1.00	5.31	0.49	0.47	2.44	0.10	0.07	0.32	0.57	0.57	3.07	0.46	0.46	2.44	0.14	0.13	0.73	34.69	34.60	70.71	47.04	46.95	97.87	197.35	197.26	428.48
2046-05-01	1.06	1.05	4.98	0.51	0.50	2.28	0.10	0.09	0.29	0.59	0.60	2.88	0.47	0.48	2.30	0.14	0.15	0.68	34.35	34.25	21.33	46.70	46.60	28.59	197.01	196.91	116.97
2046-05-02	1.13	1.12	4.74	0.54	0.53	2.17	0.11	0.10	0.28	0.63	0.63	2.74	0.50	0.50	2.18	0.15	0.15	0.64	34.24	34.13	21.16	46.59	46.48	28.42	196.90	196.79	116.81
2046-05-03	1.20	1.18	4.47	0.57	0.56	2.05	0.11	0.10	0.27	0.67	0.67	2.58	0.53	0.53	2.06	0.16	0.16	0.61	34.49	34.40	21.02	46.84	46.75	28.28	197.15	197.06	116.67
2046-05-04	1.33	1.31	4.20	0.64	0.62	1.93	0.13	0.11	0.25	0.74	0.74	2.43	0.59	0.59	1.93	0.17	0.18	0.57	34.85	34.78	20.84	47.20	47.14	28.10	197.51	197.45	116.48
2046-05-05	1.44	1.42	4.04	0.69	0.68	1.85	0.14	0.12	0.24	0.80	0.81	2.34	0.64	0.64	1.86	0.19	0.19	0.55	35.23	35.15	20.68	47.59	47.50	27.94	197.90	197.81	116.32
2046-05-06	1.35	1.33	3.83	0.65	0.63	1.76	0.13	0.11	0.23	0.75	0.75	2.21	0.60	0.60	1.76	0.18	0.18	0.52	35.88	35.79	20.54	48.24	48.14	27.80	198.55	198.45	116.18
2046-05-07	1.40	1.37	3.50	0.67	0.65	1.61	0.13	0.11	0.22	0.78	0.78	2.01	0.62	0.62	1.60	0.18	0.18	0.47	36.44	36.36	20.42	48.80	48.71	27.68	199.11	199.02	116.06
2046-05-08	1.61	1.57	3.16	0.77	0.74	1.46	0.15	0.12	0.20	0.90	0.90	1.82	0.71	0.72	1.45	0.21	0.21	0.43	36.98	37.08	20.31	49.33	49.43	27.57	199.64	199.74	115.95
2046-05-09	2.15	2.10	2.85	1.03	0.98	1.32	0.21	0.15	0.18	1.20	1.21	1.64	0.96	0.96	1.30	0.28	0.29	0.38	37.45	37.03	20.21	49.80	49.38	27.47	200.11	199.69	115.86
2046-05-10	2.57	2.50	2.60	1.23	1.16	1.20	0.25	0.18	0.17	1.43	1.44	1.49	1.14	1.15	1.19	0.34	0.35	0.35	37.44	37.11	20.12	49.80	49.46	27.39	200.11	199.77	115.77
2046-05-11	3.18	3.09	2.39	1.53	1.43	1.10	0.31	0.21	0.15	1.78	1.79	1.37	1.41	1.43	1.09	0.42	0.43	0.32	37.46	37.20							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2046-06-09	7.27	7.00	2.05	3.49	3.22	0.95	0.70	0.43	0.13	4.05	4.04	1.17	3.23	3.22	0.93	0.96	0.95	0.27	112.01	111.94	83.20	144.90	144.83	107.49	725.86	725.79	536.53
2046-06-10	8.30	7.88	2.19	3.98	3.57	1.00	0.80	0.38	0.13	4.63	4.61	1.26	3.68	3.67	1.00	1.09	1.09	0.29	111.87	111.80	83.08	144.76	144.69	107.37	725.72	725.65	536.41
2046-06-11	9.46	9.28	2.33	4.54	4.36	1.07	0.91	0.73	0.14	5.28	5.26	1.34	4.20	4.19	1.07	1.25	1.24	0.31	111.75	111.69	82.98	144.65	144.58	107.27	725.60	725.54	536.30
2046-06-12	7.60	7.36	2.17	3.65	3.41	1.00	0.73	0.49	0.14	4.24	4.23	1.24	3.38	3.37	0.99	1.00	1.00	0.29	111.65	111.59	82.88	144.55	144.48	107.17	725.50	725.44	536.21
2046-06-13	6.71	6.47	2.02	3.22	2.98	0.94	0.64	0.40	0.13	3.75	3.73	1.16	2.98	2.97	0.92	0.88	0.88	0.27	111.56	111.50	82.80	144.45	144.39	107.09	725.41	725.35	536.12
2046-06-14	6.56	6.29	1.91	3.15	2.88	0.88	0.63	0.36	0.13	3.66	3.65	1.09	2.92	2.90	0.87	0.86	0.86	0.25	111.48	111.42	82.72	144.37	144.32	107.01	725.33	725.27	536.05
2046-06-15	6.32	6.08	1.81	3.03	2.79	0.84	0.61	0.37	0.12	3.52	3.51	1.03	2.81	2.80	0.82	0.83	0.83	0.24	152.30	152.25	112.86	187.26	187.21	138.68	1003.12	1003.07	741.20
2046-06-16	6.09	5.85	1.72	2.93	2.68	0.80	0.58	0.34	0.12	3.40	3.39	0.98	2.71	2.70	0.78	0.80	0.80	0.23	152.22	152.17	112.80	187.18	187.13	138.62	1003.04	1002.99	741.13
2046-06-17	5.85	5.63	1.64	2.81	2.59	0.76	0.56	0.34	0.11	3.26	3.25	0.93	2.60	2.59	0.74	0.77	0.77	0.22	152.15	152.10	112.74	187.11	187.06	138.56	1002.97	1002.92	741.07
2046-06-18	5.28	5.08	1.56	2.53	2.34	0.72	0.51	0.31	0.11	2.94	2.93	0.89	2.34	2.33	0.71	0.70	0.69	0.20	152.09	152.04	112.69	187.05	187.00	138.51	1002.91	1002.86	741.02
2046-06-19	4.80	4.62	1.49	2.31	2.13	0.69	0.46	0.28	0.10	2.68	2.67	0.85	2.13	2.12	0.68	0.63	0.63	0.20	174.75	173.26	125.77	209.71	208.23	151.59	1025.57	1024.09	754.10
2046-06-20	4.37	4.21	1.43	2.10	1.94	0.66	0.42	0.26	0.10	2.44	2.43	0.82	1.94	1.93	0.65	0.58	0.57	0.19	230.52	228.35	157.93	265.48	263.31	183.75	1081.34	1079.17	786.26
2046-06-21	3.92	3.78	1.38	1.88	1.74	0.64	0.38	0.24	0.09	2.19	2.18	0.79	1.74	1.73	0.62	0.52	0.51	0.18	186.00	185.77	135.45	220.97	220.73	161.27	1036.83	1036.59	763.78
2046-06-22	4.08	3.91	1.39	1.96	1.78	0.64	0.39	0.21	0.09	2.28	2.27	0.79	1.81	1.80	0.63	0.54	0.53	0.18	172.50	173.07	128.56	207.46	208.03	154.38	1023.32	1023.89	756.90
2046-06-23	4.15	3.98	1.40	1.99	1.82	0.65	0.40	0.23	0.10	2.32	2.31	0.80	1.84	1.83	0.63	0.55	0.54	0.18	166.02	165.32	122.93	200.98	200.28	148.75	1016.84	1016.14	751.26
2046-06-24	3.66	3.53	1.35	1.75	1.63	0.63	0.35	0.23	0.09	2.04	2.03	0.77	1.62	1.61	0.61	0.48	0.48	0.18	163.86	163.32	121.34	198.82	198.28	147.16	1014.68	1014.14	749.67
2046-06-25	3.26	3.15	1.31	1.56	1.45	0.61	0.31	0.20	0.09	1.82	1.81	0.74	1.45	1.44	0.59	0.43	0.42	0.17	162.25	162.11	120.20	197.21	197.07	146.02	1013.07	1012.93	748.53
2046-06-26	2.94	2.84	1.26	1.41	1.31	0.59	0.28	0.18	0.09	1.64	1.63	0.72	1.31	1.30	0.57	0.39	0.38	0.16	159.87	159.64	118.59	194.83	194.60	144.40	1010.69	1010.46	746.92
2046-06-27	2.68	2.59	1.23	1.29	1.20	0.57	0.26	0.17	0.09	1.50	1.49	0.70	1.19	1.18	0.55	0.35	0.35	0.16	158.23	158.02	117.47	193.19	192.99	143.29	1009.05	1008.85	745.80
2046-06-28	2.90	2.78	1.26	1.39	1.27	0.58	0.28	0.15	0.08	1.62	1.61	0.72	1.29	1.28	0.57	0.38	0.38	0.16	157.03	156.86	116.63	192.00	191.82	142.45	1007.86	1007.68	744.96
2046-06-29	3.51	3.35	1.33	1.69	1.52	0.62	0.34	0.17	0.09	1.96	1.95	0.75	1.56	1.55	0.60	0.46	0.46	0.17	156.14	155.98	115.97	191.10	190.94	141.79	1006.96	1006.80	744.30
2046-06-30	3.27	3.16	1.31	1.57	1.46	0.61	0.31	0.20	0.09	1.82	1.82	0.74	1.45	1.44	0.59	0.43	0.43	0.17	155.44	155.30	115.45	190.40	190.26	141.27	1006.26	1006.12	743.78
2046-07-01	2.95	2.85	1.26	1.42	1.32	0.59	0.28	0.18	0.09	1.65	1.64	0.72	1.31	1.30	0.57	0.39	0.38	0.16	154.89	154.76	114.22	189.85	189.72	140.55	1005.71	1005.58	743.14
2046-07-02	2.69	2.60	1.23	1.29	1.20	0.57	0.26	0.17	0.09	1.50	1.49	0.70	1.19	1.19	0.55	0.35	0.35	0.16	154.44	154.32	114.67	189.40	189.28	140.20	1005.26	1005.14	742.79
2046-07-03	2.47	2.39	1.19	1.19	1.10	0.56	0.24	0.15	0.08	1.38	1.37	0.68	1.10	1.09	0.54	0.33	0.32	0.15	154.07	153.96	114.58	189.03	188.92	139.90	1004.89	1004.78	742.50
2046-07-04	2.29	2.21	1.16	1.10	1.02	0.54	0.22	0.14	0.08	1.28	1.27	0.66	1.02	1.01	0.52	0.30	0.29	0.15	153.76	153.66	114.33	188.72	188.62	139.65	1004.58	1004.48	742.25
2046-07-05	2.13	2.06	1.14	1.02	0.95	0.53	0.20	0.13	0.08	1.19	1.18	0.64	0.95	0.94	0.51	0.28	0.27	0.15	153.62	153.52	114.20	188.58	188.48	139.52	1004.44	1004.34	742.11
2046-07-06	2.00	1.94	1.11	0.96	0.90	0.52	0.19	0.13	0.08	1.12	1.11	0.63	0.89	0.88	0.50	0.26	0.26	0.14	153.49	153.40	114.08	188.45	188.36	139.40	1004.31	1004.22	741.90
2046-07-07	1.89	1.83	1.09	0.90	0.85	0.51	0.18	0.12	0.08	1.05	1.04	0.61	0.84	0.83	0.49	0.25	0.24	0.14	153.27	153.18	114.90	188.23	188.14	139.22	1004.09	1004.00	741.82
2046-07-08	1.78	1.73	1.07	0.86	0.80	0.50	0.17	0.12	0.08	1.00	0.99	0.60	0.79	0.78	0.48	0.24	0.23	0.14	154.45	154.28	114.06	189.41	189.24	138.38	1005.27	1005.10	741.98
2046-07-09	1.70	1.64	1.04	0.81	0.76	0.49	0.16	0.11	0.08	0.95	0.94	0.59	0.75	0.75	0.47	0.22	0.22	0.13	157.07	156.83	114.65	192.03	191.79	138.97	1007.89	1007.65	740.57
2046-07-10	1.62	1.57	1.03	0.78	0.73	0.48	0.16	0.11	0.07	0.90	0.89	0.58	0.72	0.71	0.46	0.21	0.21	0.13	154.97	154.89	114.63	189.93	189.85	138.96	1005.79	1005.71	740.55
2046-07-11	1.76	1.69	1.12	0.84	0.78	0.52	0.17	0.10	0.08	0.98	0.97	0.64	0.78	0.77	0.51	0.23	0.22	0.15	154.51	154.39	114.17	189.47	189.35	138.49	1005.33	1005.21	740.09
2046-07-12	1.97	1.90	1.49	0.94	0.87	0.68	0.19	0.12	0.09	1.10	1.09	0.86	0.87	0.87	0.68	0.26	0.25	0.20	154.13	154.02	114.83	189.09	188.98	138.15	1004.95	1004.84	740.75
2046-07-13	1.78	1.73	1.19	0.85	0.80	0.56	0.17	0.12	0.10	0.99	0.98	0.66	0.79	0.78	0.53	0.23	0.23	0.15	153.81	153.71	114.54	188.77	188.67	138.77	1004.63	1004.53	740.46
2046-07-14	1.69	1.64	1.15	0.81	0.76	0.53	0.16	0.11	0.08	0.94	0.93	0.65	0.75	0.74	0.51	0.22	0.22	0.15	153.54	153.45	114.30	188.50	188.41	138.62	1004.36	1004.27	740.22
2046-07-15	1.61	1.56	1.12	0.77	0.73	0.52	0.15	0.11	0.08	0.90	0.89	0.63	0.72	0.71	0.50	0.21	0.21	0.14	64.89	64.81	61.82	85.26	85.18	81.23	510.46	510.38	486.50
2046-07-16	1.54	1.50	1.10	0.74	0.70	0.51	0.15	0.10	0.08	0.86	0.85	0.62	0.69	0.68	0.49	0.20	0.20	0.14	64.70	64.62	61.64	85.06	84.98	81.05	510.27	510.19	486.32
2046-07-17	1.48	1.44	1.07	0.71	0.67	0.50	0.14	0.10	0.08	0.83	0.82	0.61	0.66	0.65	0.48	0.20	0.19	0.14	64.53	64.45	61.49	84.89	84.82	80.90	510.09	510.02	486.16
2046-07-18	1.43	1.39	1.05	0.69	0.64	0.49	0.14	0.09	0.07	0.80	0.79	0.59	0.63	0.63	0.47	0.19	0.18	0.13	64.38	64.31	61.35	84.74	84.67	80.76	509.95	509.88	486.02
2046-07-19	1.38	1.34	1.03	0.66	0.62	0.48	0.13	0.09	0.08	0.77	0.76	0.58	0.61	0.60	0.46	0.18	0.17	0.13	64.28	64.21	61.25	84.65	84.58	80.66	509.85	509.78	485.92
2046-07-20	1.36	1.32	1.02	0.65	0.61	0.48	0.13	0.09	0.07	0.76	0.75	0.58	0.60	0.60	0.46												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2046-08-19	0.98	0.95	0.89	0.47	0.45	0.42	0.09	0.07	0.07	0.54	0.54	0.50	0.43	0.43	0.40	0.13	0.12	0.11	29.65	29.60	25.66	40.51	40.46	35.04	225.37	225.31	194.58
2046-08-20	0.96	0.94	0.88	0.46	0.44	0.41	0.09	0.07	0.07	0.54	0.53	0.49	0.43	0.42	0.39	0.13	0.12	0.11	29.57	29.52	25.60	40.43	40.38	34.98	225.29	225.23	194.52
2046-08-21	0.95	0.93	0.87	0.46	0.44	0.41	0.09	0.07	0.07	0.53	0.52	0.49	0.42	0.42	0.39	0.13	0.12	0.11	29.50	29.45	25.55	40.36	40.31	34.92	225.21	225.16	194.47
2046-08-22	0.94	0.92	0.86	0.45	0.43	0.40	0.09	0.07	0.07	0.52	0.52	0.48	0.42	0.41	0.38	0.12	0.12	0.11	29.43	29.38	25.50	40.30	40.25	34.87	225.15	225.10	194.42
2046-08-23	0.93	0.91	0.85	0.45	0.43	0.40	0.09	0.07	0.06	0.52	0.51	0.48	0.41	0.40	0.38	0.12	0.12	0.11	29.37	29.33	25.45	40.24	40.19	34.83	225.09	225.04	194.37
2046-08-24	0.92	0.90	0.85	0.44	0.42	0.40	0.09	0.07	0.07	0.51	0.50	0.47	0.41	0.40	0.38	0.12	0.11	0.11	29.45	29.39	25.48	40.31	40.25	34.86	225.16	225.11	194.40
2046-08-25	0.91	0.89	0.84	0.44	0.42	0.39	0.09	0.07	0.06	0.51	0.50	0.47	0.40	0.40	0.37	0.12	0.11	0.11	30.21	30.11	25.90	41.07	40.98	35.28	225.92	225.83	194.82
2046-08-26	0.90	0.88	0.83	0.43	0.41	0.39	0.09	0.07	0.06	0.50	0.49	0.47	0.40	0.39	0.37	0.12	0.11	0.11	30.48	30.39	26.14	41.34	41.26	35.52	226.19	226.11	195.06
2046-08-27	0.89	0.87	0.83	0.43	0.41	0.39	0.09	0.07	0.06	0.50	0.49	0.46	0.40	0.39	0.37	0.12	0.11	0.10	29.92	29.87	25.78	40.78	40.73	35.16	225.63	225.58	194.70
2046-08-28	0.88	0.86	0.82	0.42	0.41	0.39	0.08	0.07	0.06	0.49	0.48	0.46	0.39	0.38	0.37	0.12	0.11	0.10	29.81	29.75	25.70	40.67	40.61	35.08	225.52	225.46	194.62
2046-08-29	0.87	0.86	0.82	0.42	0.40	0.38	0.08	0.07	0.06	0.49	0.48	0.46	0.39	0.38	0.36	0.12	0.11	0.10	29.71	29.66	25.64	40.58	40.52	35.01	225.43	225.37	194.56
2046-08-30	1.77	1.67	1.50	0.85	0.75	0.67	0.17	0.07	0.06	0.99	0.98	0.88	0.79	0.78	0.70	0.23	0.23	0.20	29.63	29.57	25.58	40.49	40.44	34.96	225.34	225.29	194.50
2046-08-31	3.22	3.07	2.58	1.54	1.39	1.17	0.31	0.16	0.13	1.80	1.79	1.51	1.43	1.42	1.20	0.42	0.42	0.35	29.55	29.50	25.53	40.41	40.36	34.90	225.27	225.22	194.45
2046-09-01	1.61	1.64	1.37	0.77	0.80	0.68	0.15	0.19	0.16	0.90	0.89	0.74	0.72	0.71	0.59	0.21	0.21	0.17	29.48	29.43	31.55	40.34	40.29	43.34	225.20	225.15	243.86
2046-09-02	1.54	1.50	1.27	0.74	0.70	0.59	0.15	0.10	0.09	0.86	0.85	0.72	0.69	0.68	0.57	0.20	0.20	0.16	29.42	29.37	31.51	40.28	40.23	43.29	225.13	225.08	243.82
2046-09-03	1.48	1.44	1.23	0.71	0.67	0.57	0.14	0.10	0.09	0.83	0.82	0.70	0.66	0.65	0.55	0.20	0.19	0.16	29.36	29.31	31.47	40.22	40.18	43.25	225.07	225.03	243.78
2046-09-04	1.43	1.39	1.20	0.68	0.64	0.56	0.14	0.10	0.09	0.80	0.79	0.68	0.63	0.63	0.54	0.19	0.18	0.16	29.31	29.26	31.43	40.17	40.12	43.21	225.02	224.98	243.74
2046-09-05	1.38	1.34	1.17	0.66	0.62	0.54	0.13	0.09	0.08	0.77	0.76	0.66	0.61	0.60	0.52	0.18	0.18	0.15	29.26	29.21	31.39	40.12	40.08	43.18	224.97	224.93	243.70
2046-09-06	1.33	1.30	1.14	0.64	0.60	0.53	0.13	0.09	0.08	0.74	0.74	0.64	0.59	0.58	0.51	0.18	0.17	0.15	29.34	29.29	31.49	40.21	40.16	43.27	225.06	225.01	243.80
2046-09-07	1.29	1.26	1.11	0.62	0.59	0.52	0.12	0.09	0.08	0.72	0.71	0.63	0.57	0.57	0.50	0.17	0.16	0.14	32.24	32.01	34.55	43.10	42.87	46.34	227.95	227.72	246.86
2046-09-08	1.26	1.22	1.09	0.60	0.57	0.51	0.12	0.09	0.08	0.70	0.69	0.62	0.56	0.55	0.49	0.17	0.16	0.14	35.82	35.59	38.58	46.68	46.45	50.36	231.54	231.30	250.89
2046-09-09	1.22	1.19	1.07	0.59	0.55	0.50	0.12	0.09	0.08	0.68	0.67	0.60	0.54	0.54	0.48	0.16	0.15	0.14	32.52	32.48	35.04	43.39	43.35	46.82	228.24	228.20	247.35
2046-09-10	1.19	1.16	1.05	0.57	0.54	0.49	0.11	0.08	0.08	0.66	0.66	0.59	0.53	0.52	0.47	0.16	0.15	0.13	32.02	31.90	34.40	42.88	42.76	46.19	227.74	227.62	246.71
2046-09-11	1.16	1.13	1.03	0.56	0.53	0.48	0.11	0.08	0.08	0.65	0.64	0.58	0.52	0.51	0.46	0.15	0.15	0.13	31.61	31.50	33.97	42.47	42.36	45.75	227.32	227.21	246.28
2046-09-12	1.14	1.11	1.01	0.55	0.52	0.47	0.11	0.08	0.07	0.63	0.63	0.57	0.50	0.50	0.45	0.15	0.14	0.13	31.27	31.17	33.61	42.13	42.03	45.39	226.98	226.88	245.92
2046-09-13	1.11	1.08	1.00	0.53	0.51	0.47	0.11	0.08	0.07	0.62	0.61	0.56	0.49	0.49	0.45	0.15	0.14	0.13	30.98	30.89	33.31	41.84	41.75	45.10	226.69	226.60	245.62
2046-09-14	1.09	1.06	0.98	0.52	0.50	0.46	0.10	0.08	0.07	0.61	0.60	0.55	0.48	0.48	0.44	0.14	0.14	0.13	30.74	30.65	33.06	41.60	41.51	44.84	226.45	226.36	245.37
2046-09-15	1.07	1.04	0.97	0.51	0.49	0.45	0.10	0.08	0.07	0.60	0.59	0.54	0.47	0.47	0.43	0.14	0.13	0.12	29.50	29.42	29.96	29.30	29.22	31.51	159.30	159.22	172.54
2046-09-16	1.05	1.02	0.95	0.50	0.48	0.45	0.10	0.08	0.07	0.59	0.58	0.54	0.47	0.46	0.43	0.14	0.13	0.12	29.32	29.24	29.78	29.12	29.04	31.33	159.12	159.05	172.35
2046-09-17	1.10	1.07	1.00	0.53	0.50	0.47	0.11	0.08	0.07	0.61	0.61	0.57	0.49	0.48	0.45	0.14	0.14	0.13	29.73	29.62	29.23	29.53	29.43	31.78	159.53	159.43	172.80
2046-09-18	1.59	1.52	1.56	0.76	0.69	0.71	0.15	0.08	0.08	0.89	0.88	0.90	0.71	0.70	0.72	0.21	0.20	0.21	22.99	22.76	24.74	31.79	31.56	34.29	161.79	161.56	175.32
2046-09-19	1.55	1.51	1.54	0.74	0.70	0.72	0.15	0.11	0.11	0.86	0.86	0.88	0.69	0.68	0.70	0.20	0.20	0.20	22.83	22.69	24.71	31.64	31.49	34.25	161.64	161.49	175.28
2046-09-20	1.29	1.27	1.23	0.62	0.60	0.58	0.12	0.10	0.10	0.72	0.71	0.69	0.57	0.57	0.55	0.17	0.16	0.16	21.92	21.82	23.65	30.72	30.62	33.20	160.73	160.62	174.22
2046-09-21	1.26	1.22	1.18	0.60	0.57	0.55	0.12	0.09	0.09	0.70	0.69	0.67	0.56	0.55	0.53	0.17	0.16	0.15	21.52	21.41	23.18	30.32	30.22	32.73	160.33	160.22	173.75
2046-09-22	1.22	1.19	1.15	0.59	0.56	0.54	0.12	0.09	0.08	0.68	0.67	0.65	0.54	0.54	0.52	0.16	0.15	0.15	21.59	21.47	23.25	30.39	30.27	32.80	160.39	160.27	173.83
2046-09-23	1.19	1.16	1.12	0.57	0.54	0.52	0.11	0.08	0.08	0.67	0.66	0.64	0.53	0.52	0.51	0.16	0.15	0.15	22.07	21.92	23.80	30.87	30.72	33.35	160.87	160.73	174.38
2046-09-24	1.16	1.13	1.10	0.56	0.53	0.51	0.11	0.08	0.08	0.65	0.64	0.62	0.52	0.51	0.49	0.15	0.15	0.14	23.30	23.09	25.26	32.11	31.90	34.81	162.11	161.90	175.83
2046-09-25	1.38	1.33	1.36	0.66	0.61	0.62	0.13	0.08	0.08	0.77	0.76	0.78	0.61	0.60	0.62	0.18	0.18	0.18	24.10	23.88	26.19	32.90	32.69	35.74	162.91	162.69	176.77
2046-09-26	2.61	2.46	2.61	1.25	1.10	1.17	0.25	0.10	0.10	1.45	1.44	1.54	1.16	1.15	1.22	0.34	0.34	0.36	23.19	23.05	25.14	31.99	31.85	34.69	162.00	161.85	175.72
2046-09-27	2.37	2.30	2.45	1.14	1.07	1.14	0.23	0.16	0.17	1.32	1.32	1.40	1.05	1.05	1.12	0.31	0.31	0.33	22.55	22.42	24.37	31.35	31.22	33.92	161.35	161.22	174.95
2046-09-28	1.86	1.83	1.89	0.90	0.86	0.89	0.18	0.14	0.15	1.04	1.03	1.07	0.83	0.82	0.85	0.25	0.24	0.25	25.86	25.50	28.13	34.67	34.30	37.68	164.67	164.30	178.70
2046-09-29	1.81	1.75	1.82	0.87	0.81	0.84	0.17	0.12	0.12	1.01	1.00	1.04	0.80	0.80	0.83	0.24	0.23	0.24	34.43	33.32	37.98	43.24	42.13	47.53	173.24	172.13	188.56
2046-09-30	1.81	1.76	1.83	0.87	0.81	0.85	0.17	0.12	0.12	1.01	1.00	1.05	0.81	0.80	0.84	0.24	0.23	0.24									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2046-10-29	1.72	1.67	1.83	0.83	0.78	0.85	0.16	0.11	0.13	0.96	0.95	1.05	0.76	0.76	0.83	0.23	0.22	0.25	18.86	18.79	20.73	26.77	26.71	29.48	135.83	135.77	149.91
2046-10-30	1.68	1.64	1.81	0.81	0.77	0.83	0.16	0.12	0.11	0.94	0.94	1.04	0.75	0.74	0.83	0.22	0.22	0.24	18.81	18.74	20.67	26.72	26.66	29.41	135.78	135.72	149.85
2046-10-31	1.61	1.57	1.74	0.77	0.73	0.82	0.15	0.11	0.13	0.90	0.89	0.98	0.71	0.71	0.78	0.21	0.21	0.23	18.76	18.70	20.62	26.67	26.62	29.36	135.73	135.68	149.79
2046-11-01	1.54	1.49	1.55	0.74	0.69	0.67	0.15	0.09	0.02	0.86	0.85	0.93	0.68	0.67	0.74	0.20	0.19	0.21	18.71	18.69	19.70	26.63	26.60	28.02	135.69	135.66	142.62
2046-11-02	1.49	1.43	1.57	0.71	0.66	0.72	0.14	0.09	0.10	0.83	0.82	0.90	0.66	0.66	0.72	0.20	0.19	0.21	18.67	18.63	19.62	26.59	26.55	27.94	135.65	135.61	142.54
2046-11-03	1.44	1.39	1.52	0.69	0.64	0.70	0.14	0.09	0.10	0.80	0.80	0.87	0.64	0.64	0.69	0.19	0.19	0.20	18.63	18.60	19.57	26.55	26.51	27.89	135.61	135.57	142.49
2046-11-04	1.39	1.34	1.45	0.67	0.62	0.67	0.13	0.09	0.09	0.77	0.77	0.83	0.62	0.61	0.66	0.18	0.18	0.19	18.60	18.55	19.52	26.51	26.46	27.84	135.57	135.52	142.44
2046-11-05	1.34	1.29	1.40	0.64	0.60	0.64	0.13	0.08	0.09	0.75	0.74	0.80	0.60	0.59	0.64	0.18	0.17	0.19	18.57	18.52	19.48	26.48	26.43	27.80	135.54	135.49	142.40
2046-11-06	1.30	1.25	1.34	0.62	0.57	0.61	0.12	0.07	0.08	0.73	0.72	0.77	0.58	0.57	0.61	0.17	0.16	0.18	18.54	18.49	19.44	26.45	26.40	27.76	135.51	135.46	142.36
2046-11-07	1.26	1.21	1.30	0.61	0.56	0.60	0.12	0.07	0.08	0.70	0.70	0.75	0.56	0.55	0.59	0.17	0.16	0.17	18.51	18.47	19.42	26.42	26.39	27.73	135.48	135.45	142.33
2046-11-08	1.23	1.19	1.27	0.59	0.56	0.59	0.12	0.08	0.09	0.69	0.68	0.73	0.55	0.54	0.58	0.16	0.16	0.17	18.48	18.44	19.38	26.40	26.36	27.70	135.46	135.42	142.30
2046-11-09	1.20	1.16	1.23	0.58	0.54	0.57	0.12	0.08	0.08	0.67	0.66	0.71	0.53	0.53	0.56	0.16	0.15	0.16	18.46	18.42	19.36	26.37	26.34	27.68	135.43	135.40	142.28
2046-11-10	1.25	1.22	1.34	0.60	0.58	0.63	0.12	0.10	0.11	0.70	0.70	0.76	0.55	0.56	0.61	0.16	0.17	0.19	18.43	18.40	19.33	26.35	26.31	27.64	135.41	135.37	142.25
2046-11-11	1.29	1.25	1.49	0.62	0.58	0.69	0.12	0.08	0.09	0.72	0.72	0.86	0.57	0.57	0.69	0.17	0.17	0.20	18.41	18.37	19.30	26.33	26.29	27.62	135.39	135.35	142.22
2046-11-12	1.25	1.21	1.35	0.60	0.56	0.63	0.12	0.08	0.09	0.70	0.69	0.77	0.55	0.55	0.61	0.16	0.16	0.18	18.39	18.36	19.28	26.31	26.27	27.60	135.37	135.33	142.20
2046-11-13	1.22	1.18	1.30	0.58	0.55	0.60	0.12	0.08	0.09	0.68	0.68	0.75	0.54	0.54	0.59	0.16	0.16	0.18	18.39	18.36	19.29	26.31	26.28	27.61	135.37	135.34	142.21
2046-11-14	1.19	1.15	1.26	0.57	0.53	0.58	0.11	0.08	0.08	0.66	0.66	0.72	0.53	0.52	0.57	0.16	0.15	0.17	18.40	18.39	19.34	26.31	26.31	27.66	135.37	135.37	142.26
2046-11-15	1.16	1.11	1.21	0.56	0.51	0.55	0.11	0.06	0.07	0.65	0.64	0.70	0.51	0.51	0.55	0.15	0.15	0.16	18.66	18.65	19.61	27.32	27.31	28.71	123.16	123.15	129.42
2046-11-16	1.13	1.08	1.18	0.54	0.49	0.54	0.11	0.06	0.06	0.63	0.62	0.68	0.50	0.49	0.54	0.15	0.14	0.15	18.64	18.61	19.56	27.30	27.27	28.66	123.14	123.11	129.38
2046-11-17	1.11	1.07	1.16	0.53	0.50	0.54	0.11	0.07	0.08	0.62	0.61	0.66	0.49	0.49	0.53	0.15	0.14	0.15	18.62	18.59	19.54	27.28	27.25	28.64	123.13	123.09	129.35
2046-11-18	1.09	1.04	1.12	0.52	0.48	0.51	0.10	0.06	0.06	0.61	0.60	0.64	0.48	0.47	0.51	0.14	0.14	0.15	18.61	18.57	19.51	27.27	27.23	28.61	123.11	123.07	129.32
2046-11-19	1.07	1.02	1.09	0.51	0.47	0.50	0.10	0.06	0.06	0.59	0.59	0.63	0.47	0.46	0.50	0.14	0.13	0.14	18.59	18.56	19.50	27.25	27.22	28.60	123.09	123.07	129.31
2046-11-20	1.05	1.00	1.07	0.50	0.46	0.49	0.10	0.05	0.06	0.58	0.57	0.61	0.46	0.46	0.49	0.14	0.13	0.14	18.58	18.54	19.48	27.24	27.20	28.58	123.08	123.05	129.29
2046-11-21	1.84	1.73	2.29	0.88	0.77	1.01	0.18	0.07	0.07	1.03	1.02	1.36	0.82	0.81	1.08	0.24	0.24	0.32	18.56	18.52	19.45	27.22	27.18	28.55	123.07	123.02	129.26
2046-11-22	4.33	4.04	6.43	2.08	1.79	2.87	0.42	0.12	0.24	2.42	2.41	3.82	1.92	1.92	3.04	0.57	0.57	0.90	18.55	18.50	19.43	27.21	27.16	28.53	123.05	123.00	129.24
2046-11-23	3.91	4.16	7.12	1.88	2.13	3.67	0.37	0.63	1.12	2.18	2.18	3.69	1.74	1.73	2.94	0.51	0.51	0.87	18.54	18.49	19.42	27.20	27.15	28.52	123.04	123.00	129.23
2046-11-24	2.72	2.68	4.39	1.31	1.26	2.06	0.26	0.21	0.35	1.52	1.52	2.49	1.21	1.21	1.98	0.36	0.36	0.59	18.53	18.49	19.41	27.19	27.15	28.51	123.03	122.99	129.22
2046-11-25	2.50	2.42	3.76	1.20	1.12	1.74	0.24	0.15	0.24	1.39	1.39	2.17	1.11	1.11	1.73	0.33	0.33	0.51	18.52	18.48	19.40	27.18	27.14	28.50	123.02	122.98	129.21
2046-11-26	2.45	2.36	3.56	1.18	1.08	1.63	0.23	0.14	0.21	1.37	1.36	2.06	1.09	1.08	1.64	0.32	0.32	0.49	18.50	18.47	19.39	27.16	27.13	28.49	123.01	122.97	129.20
2046-11-27	2.39	2.31	3.41	1.15	1.06	1.57	0.23	0.14	0.21	1.34	1.33	1.97	1.06	1.06	1.57	0.32	0.31	0.47	18.49	18.46	19.38	27.15	27.12	28.48	123.00	122.97	129.19
2046-11-28	2.22	2.15	3.06	1.07	1.00	1.41	0.21	0.14	0.20	1.24	1.24	1.76	0.99	0.99	1.40	0.29	0.29	0.42	18.49	18.45	19.37	27.15	27.11	28.47	122.99	122.96	129.18
2046-11-29	2.08	2.01	2.78	1.00	0.93	1.28	0.20	0.13	0.18	1.16	1.16	1.60	0.92	0.92	1.27	0.27	0.27	0.38	18.48	18.44	19.35	27.14	27.10	28.45	122.98	122.94	129.16
2046-11-30	1.96	1.90	2.54	0.94	0.88	1.18	0.19	0.13	0.16	1.09	1.09	1.46	0.87	0.87	1.17	0.26	0.26	0.35	18.47	18.44	19.35	27.13	27.10	28.45	122.97	122.94	129.16
2046-12-01	1.85	1.79	2.34	0.89	0.82	1.08	0.18	0.11	0.15	1.03	1.03	1.35	0.82	0.82	1.07	0.24	0.24	0.32	18.46	18.44	18.66	27.12	27.10	27.41	122.96	122.94	124.30
2046-12-02	1.75	1.70	2.17	0.84	0.79	1.00	0.17	0.11	0.14	0.98	0.97	1.25	0.78	0.78	1.00	0.23	0.23	0.29	18.45	18.43	18.65	27.11	27.09	27.41	122.95	122.93	124.29
2046-12-03	1.67	1.61	2.02	0.80	0.74	0.93	0.16	0.10	0.13	0.93	0.93	1.17	0.74	0.74	0.93	0.22	0.22	0.27	18.44	18.42	18.63	27.10	27.08	27.39	122.95	122.92	124.28
2046-12-04	1.59	1.54	1.90	0.77	0.71	0.88	0.15	0.10	0.12	0.89	0.88	1.09	0.71	0.70	0.87	0.21	0.21	0.26	18.44	18.40	18.62	27.10	27.06	27.37	122.94	122.91	124.26
2046-12-05	1.53	1.47	1.79	0.73	0.68	0.82	0.15	0.09	0.11	0.85	0.85	1.03	0.68	0.67	0.82	0.20	0.20	0.24	18.43	18.39	18.60	27.09	27.05	27.36	122.93	122.89	124.25
2046-12-06	1.47	1.42	1.70	0.70	0.66	0.79	0.14	0.09	0.11	0.82	0.81	0.98	0.65	0.65	0.78	0.19	0.19	0.23	18.42	18.38	18.59	27.08	27.04	27.35	122.93	122.88	124.24
2046-12-07	1.41	1.37	1.62	0.68	0.63	0.75	0.14	0.09	0.10	0.79	0.78	0.93	0.63	0.62	0.74	0.19	0.18	0.22	18.42	18.37	18.58	27.08	27.03	27.34	122.92	122.87	124.22
2046-12-08	1.37	1.32	1.55	0.66	0.61	0.72	0.13	0.09	0.10	0.76	0.76	0.89	0.61	0.60	0.71	0.18	0.18	0.21	18.41	18.36	18.58	27.07	27.02	27.33	122.91	122.87	124.22
2046-12-09	1.32	1.28	1.48	0.63	0.59	0.68	0.13	0.08	0.09	0.74	0.73	0.85	0.59	0.58	0.68	0.17	0.17	0.20	18.41	18.36	18.57	27.07	27.02	27.33	122.91	122.87	124.21
2046-12-10	1.28	1.24	1.42	0.62	0.57	0.66	0.12	0.08	0.09	0.72	0.71	0.82	0.57	0.57	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2047-01-08	1.30	1.27	1.47	0.63	0.59	0.68	0.12	0.09	0.10	0.73	0.72	0.84	0.58	0.58	0.67	0.17	0.17	0.20	13.21	13.18	13.20	19.33	19.30	19.32	81.17	81.15	81.14
2047-01-09	1.28	1.25	1.46	0.61	0.58	0.68	0.12	0.09	0.11	0.71	0.71	0.84	0.57	0.57	0.67	0.17	0.17	0.20	13.41	13.38	13.47	19.53	19.49	19.59	81.38	81.34	81.41
2047-01-10	1.24	1.21	1.40	0.60	0.56	0.65	0.12	0.08	0.09	0.69	0.69	0.80	0.55	0.55	0.64	0.16	0.16	0.19	13.30	13.28	13.34	19.42	19.39	19.45	81.26	81.24	81.27
2047-01-11	1.21	1.17	1.35	0.58	0.54	0.62	0.12	0.08	0.09	0.67	0.67	0.77	0.54	0.53	0.62	0.16	0.16	0.18	13.11	13.09	13.09	19.22	19.21	19.21	81.07	81.05	81.03
2047-01-12	1.18	1.14	1.30	0.57	0.53	0.60	0.11	0.07	0.08	0.66	0.65	0.75	0.52	0.52	0.59	0.16	0.15	0.17	13.09	13.07	13.08	19.21	19.18	19.19	81.05	81.03	81.01
2047-01-13	1.15	1.12	1.26	0.55	0.52	0.58	0.11	0.07	0.08	0.64	0.64	0.72	0.51	0.51	0.58	0.15	0.15	0.17	13.09	13.06	13.07	19.21	19.18	19.18	81.06	81.03	81.00
2047-01-14	1.13	1.09	1.23	0.54	0.51	0.57	0.11	0.08	0.08	0.63	0.63	0.70	0.50	0.50	0.56	0.15	0.15	0.17	13.09	13.06	13.06	19.21	19.18	19.17	81.06	81.03	81.00
2047-01-15	1.10	1.07	1.19	0.53	0.50	0.55	0.11	0.07	0.08	0.62	0.61	0.68	0.49	0.49	0.54	0.15	0.14	0.16	10.43	10.41	10.40	16.36	16.33	16.32	69.35	69.32	69.29
2047-01-16	1.08	1.04	1.16	0.52	0.48	0.53	0.10	0.07	0.07	0.60	0.60	0.66	0.48	0.47	0.53	0.14	0.14	0.15	10.44	10.41	10.40	16.36	16.34	16.32	69.35	69.32	69.29
2047-01-17	1.06	1.02	1.13	0.51	0.47	0.52	0.10	0.06	0.07	0.59	0.59	0.65	0.47	0.47	0.51	0.14	0.13	0.15	10.44	10.41	10.40	16.37	16.34	16.32	69.35	69.33	69.29
2047-01-18	1.04	1.01	1.10	0.50	0.46	0.51	0.10	0.06	0.07	0.58	0.58	0.63	0.46	0.46	0.50	0.14	0.13	0.15	10.44	10.42	10.40	16.37	16.34	16.33	69.35	69.33	69.29
2047-01-19	1.03	0.99	1.08	0.49	0.46	0.50	0.10	0.06	0.07	0.57	0.57	0.62	0.46	0.45	0.49	0.14	0.13	0.14	10.44	10.42	10.41	16.37	16.35	16.33	69.35	69.34	69.30
2047-01-20	1.01	0.98	1.06	0.48	0.45	0.49	0.10	0.07	0.07	0.56	0.56	0.61	0.45	0.44	0.48	0.13	0.13	0.14	10.44	10.42	10.40	16.37	16.35	16.33	69.36	69.33	69.30
2047-01-21	0.99	0.97	1.05	0.48	0.45	0.49	0.10	0.07	0.07	0.55	0.55	0.60	0.44	0.44	0.48	0.13	0.13	0.14	10.44	10.42	10.40	16.37	16.35	16.33	69.36	69.33	69.29
2047-01-22	0.98	0.96	1.03	0.47	0.45	0.48	0.09	0.07	0.07	0.55	0.54	0.59	0.43	0.43	0.47	0.13	0.13	0.14	10.44	10.42	10.40	16.37	16.34	16.33	69.36	69.33	69.29
2047-01-23	0.97	0.94	1.01	0.46	0.44	0.47	0.09	0.07	0.07	0.54	0.54	0.58	0.43	0.43	0.46	0.13	0.13	0.14	10.45	10.42	10.40	16.37	16.35	16.33	69.36	69.33	69.29
2047-01-24	0.96	0.93	1.00	0.46	0.44	0.47	0.09	0.07	0.07	0.53	0.53	0.57	0.42	0.42	0.46	0.13	0.12	0.13	10.45	10.42	10.41	16.37	16.35	16.33	69.36	69.34	69.30
2047-01-25	0.95	0.93	1.00	0.45	0.43	0.47	0.09	0.07	0.07	0.53	0.53	0.57	0.42	0.42	0.45	0.12	0.12	0.13	10.45	10.43	10.41	16.38	16.36	16.34	69.36	69.34	69.30
2047-01-26	0.93	0.91	0.98	0.45	0.43	0.46	0.09	0.07	0.07	0.52	0.52	0.56	0.42	0.41	0.44	0.12	0.12	0.13	10.45	10.43	10.42	16.38	16.36	16.34	69.36	69.34	69.31
2047-01-27	0.92	0.90	0.96	0.44	0.42	0.45	0.09	0.07	0.07	0.52	0.51	0.55	0.41	0.41	0.44	0.12	0.12	0.13	10.45	10.43	10.42	16.38	16.36	16.34	69.36	69.34	69.31
2047-01-28	0.95	0.93	1.00	0.46	0.43	0.47	0.09	0.07	0.07	0.53	0.53	0.57	0.42	0.42	0.46	0.13	0.12	0.13	10.45	10.43	10.42	16.38	16.36	16.34	69.36	69.34	69.31
2047-01-29	1.11	1.08	1.17	0.53	0.50	0.54	0.11	0.07	0.07	0.62	0.62	0.67	0.49	0.49	0.54	0.15	0.15	0.16	10.45	10.43	10.42	16.38	16.36	16.34	69.37	69.34	69.31
2047-01-30	0.97	0.95	1.03	0.46	0.45	0.49	0.09	0.08	0.08	0.54	0.54	0.58	0.43	0.43	0.47	0.13	0.13	0.14	10.45	10.42	10.41	16.38	16.35	16.34	69.37	69.34	69.30
2047-01-31	0.96	0.94	1.01	0.46	0.44	0.47	0.09	0.07	0.08	0.53	0.53	0.57	0.42	0.42	0.46	0.13	0.13	0.14	10.45	10.43	10.42	16.38	16.36	16.34	69.37	69.34	69.31
2047-02-01	0.94	0.92	0.99	0.45	0.43	0.46	0.09	0.07	0.07	0.53	0.52	0.56	0.42	0.42	0.45	0.12	0.12	0.13	10.46	10.44	10.41	16.38	16.36	16.33	69.37	69.35	69.24
2047-02-02	0.93	0.91	0.98	0.45	0.43	0.46	0.09	0.07	0.07	0.52	0.52	0.56	0.41	0.41	0.44	0.12	0.12	0.13	10.46	10.44	10.48	16.38	16.37	16.40	69.37	69.35	69.31
2047-02-03	0.92	0.90	0.96	0.44	0.42	0.45	0.09	0.07	0.07	0.51	0.51	0.55	0.41	0.41	0.44	0.12	0.12	0.13	10.46	10.44	10.57	16.39	16.37	16.49	69.37	69.35	69.40
2047-02-04	0.91	0.89	0.95	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.51	0.54	0.41	0.40	0.43	0.12	0.12	0.13	10.46	10.44	10.43	16.39	16.37	16.35	69.37	69.35	69.25
2047-02-05	0.90	0.88	0.93	0.43	0.41	0.44	0.09	0.06	0.07	0.50	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.12	10.46	10.44	10.41	16.39	16.37	16.33	69.37	69.36	69.24
2047-02-06	0.89	0.87	0.92	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.53	0.40	0.39	0.42	0.12	0.12	0.12	10.46	10.44	10.41	16.39	16.37	16.33	69.37	69.36	69.24
2047-02-07	0.89	0.86	0.91	0.43	0.40	0.43	0.08	0.06	0.07	0.49	0.49	0.52	0.39	0.39	0.41	0.12	0.11	0.12	10.46	10.44	10.41	16.39	16.37	16.33	69.38	69.36	69.24
2047-02-08	0.88	0.85	0.90	0.42	0.40	0.42	0.08	0.06	0.06	0.49	0.49	0.51	0.39	0.39	0.41	0.12	0.11	0.12	10.46	10.44	10.41	16.39	16.37	16.33	69.38	69.36	69.24
2047-02-09	0.87	0.85	0.89	0.42	0.40	0.42	0.08	0.06	0.07	0.49	0.48	0.51	0.39	0.38	0.40	0.11	0.11	0.12	10.46	10.44	10.41	16.39	16.37	16.33	69.38	69.36	69.24
2047-02-10	0.86	0.84	0.89	0.41	0.40	0.41	0.08	0.06	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.46	10.44	10.41	16.39	16.37	16.33	69.38	69.35	69.24
2047-02-11	0.86	0.84	0.88	0.41	0.39	0.41	0.08	0.06	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.47	10.44	10.41	16.39	16.37	16.33	69.38	69.36	69.24
2047-02-12	0.85	0.83	0.89	0.41	0.39	0.42	0.08	0.06	0.07	0.47	0.47	0.51	0.38	0.38	0.40	0.11	0.11	0.12	10.47	10.44	10.41	16.39	16.37	16.33	69.38	69.36	69.24
2047-02-13	0.84	0.83	0.96	0.41	0.39	0.45	0.08	0.06	0.07	0.47	0.47	0.55	0.37	0.37	0.44	0.11	0.11	0.13	10.47	10.45	10.49	16.40	16.37	16.41	69.38	69.36	69.32
2047-02-14	0.84	0.82	0.90	0.40	0.38	0.42	0.08	0.06	0.07	0.47	0.46	0.51	0.37	0.37	0.40	0.11	0.11	0.12	10.47	10.45	10.60	16.40	16.38	16.52	69.38	69.36	69.43
2047-02-15	0.83	0.81	0.88	0.40	0.38	0.41	0.08	0.06	0.06	0.46	0.46	0.50	0.37	0.37	0.40	0.11	0.11	0.12	10.49	10.47	10.45	15.38	15.36	15.34	65.48	65.46	65.36
2047-02-16	0.83	0.81	0.87	0.40	0.38	0.41	0.08	0.06	0.06	0.46	0.46	0.50	0.37	0.36	0.40	0.11	0.11	0.12	10.49	10.47	10.43	15.39	15.36	15.32	65.48	65.46	65.34
2047-02-17	0.82	0.81	0.87	0.39	0.38	0.41	0.08	0.06	0.07	0.46	0.46	0.49	0.37	0.36	0.39	0.11	0.11	0.12	10.49	10.47	10.43	15.39	15.36	15.32	65.48	65.46	65.34
2047-02-18	0.82	0.80	0.86	0.39	0.38	0.40	0.08	0.06	0.07	0.46	0.45	0.49	0.36	0.36	0.39	0.11	0.11	0.11	10.49	10.47	10.43	15.39	15.37	15.32	65.49	65.46	65.34
2047-02-19	0.81	0.80	0.85	0.39	0.38	0.40	0.08	0.06	0.07	0.45	0.45	0.48	0.36	0.36	0.39	0.11	0.11	0.11	10.49	10.47	10.43	15.39	15.37	15.32	65.49	65.46	65.34

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2047-03-20	0.98	0.96	6.08	0.47	0.45	2.80	0.09	0.07	0.38	0.55	0.54	3.50	0.44	0.43	2.79	0.13	0.13	0.83	15.20	15.15	38.66	22.04	22.00	55.84	87.44	87.39	219.88
2047-03-21	0.97	0.94	6.06	0.46	0.44	2.76	0.09	0.07	0.33	0.54	0.54	3.52	0.43	0.43	2.80	0.13	0.13	0.83	15.13	15.09	38.39	21.98	21.93	55.57	87.37	87.33	219.62
2047-03-22	0.95	0.93	6.51	0.46	0.44	2.96	0.09	0.07	0.34	0.53	0.53	3.80	0.42	0.42	3.02	0.13	0.12	0.90	15.07	15.03	37.91	21.92	21.88	55.09	87.31	87.27	219.14
2047-03-23	0.94	0.92	6.14	0.45	0.43	2.82	0.09	0.07	0.37	0.53	0.52	3.55	0.42	0.42	2.83	0.12	0.12	0.84	15.01	14.97	37.41	21.86	21.82	54.59	87.25	87.21	218.63
2047-03-24	0.93	0.91	5.19	0.45	0.43	2.40	0.09	0.07	0.34	0.52	0.52	2.99	0.41	0.41	2.38	0.12	0.12	0.71	14.96	14.92	36.99	21.81	21.77	54.17	87.20	87.16	218.21
2047-03-25	0.93	0.91	4.97	0.44	0.42	2.28	0.09	0.07	0.30	0.52	0.51	2.88	0.41	0.41	2.30	0.12	0.12	0.68	14.92	14.88	36.65	21.77	21.72	53.82	87.16	87.12	217.87
2047-03-26	0.92	0.90	5.37	0.44	0.42	2.46	0.09	0.07	0.31	0.51	0.51	3.13	0.41	0.41	2.49	0.12	0.12	0.75	14.87	14.84	36.36	21.72	21.68	53.54	87.11	87.08	217.59
2047-03-27	0.91	0.89	5.83	0.44	0.42	2.67	0.09	0.07	0.33	0.51	0.51	3.39	0.41	0.40	2.70	0.12	0.12	0.81	14.84	14.80	36.26	21.68	21.65	53.44	87.07	87.04	217.48
2047-03-28	0.99	0.97	7.17	0.48	0.46	3.27	0.10	0.08	0.38	0.55	0.55	4.20	0.44	0.44	3.35	0.13	0.13	1.00	14.81	14.78	36.58	21.66	21.63	53.76	87.05	87.02	217.80
2047-03-29	1.31	1.27	13.22	0.63	0.58	5.96	0.13	0.08	0.60	0.73	0.73	7.79	0.58	0.58	6.20	0.17	0.17	1.85	14.81	14.79	37.21	21.66	21.64	54.39	87.05	87.03	218.44
2047-03-30	1.05	1.04	17.64	0.50	0.49	8.38	0.10	0.09	1.55	0.59	0.59	9.91	0.47	0.47	7.90	0.14	0.14	2.35	14.85	14.82	37.69	21.69	21.67	54.87	87.08	87.06	218.91
2047-03-31	1.02	1.00	14.77	0.49	0.47	7.04	0.10	0.08	1.33	0.57	0.57	8.27	0.45	0.45	6.59	0.13	0.13	1.95	14.95	14.93	38.31	21.79	21.78	55.49	87.19	87.17	219.53
2047-04-01	1.00	0.98	13.56	0.48	0.46	6.04	0.10	0.07	1.48	0.56	0.56	8.06	0.45	0.44	6.42	0.13	0.13	1.91	15.32	15.28	35.10	22.16	22.13	50.06	87.55	87.52	192.95
2047-04-02	0.99	0.97	12.82	0.48	0.46	6.02	0.09	0.08	1.00	0.55	0.55	7.30	0.44	0.44	5.82	0.13	0.13	1.74	15.81	15.77	36.70	22.66	22.62	51.66	88.05	88.01	194.55
2047-04-03	0.98	0.95	11.66	0.47	0.45	5.44	0.09	0.07	0.85	0.54	0.54	6.68	0.43	0.43	5.32	0.13	0.13	1.59	15.93	15.90	37.31	22.78	22.75	52.27	88.17	88.14	195.16
2047-04-04	0.96	0.94	12.75	0.46	0.44	5.89	0.09	0.07	0.82	0.54	0.54	7.36	0.43	0.43	5.87	0.13	0.13	1.76	16.24	16.19	38.03	23.09	23.04	53.00	88.48	88.43	195.88
2047-04-05	0.95	0.93	13.61	0.46	0.44	6.34	0.09	0.07	0.97	0.53	0.53	7.79	0.42	0.42	6.21	0.13	0.12	1.85	17.21	17.12	39.98	24.06	23.97	54.94	89.45	89.36	197.83
2047-04-06	0.94	0.92	11.08	0.45	0.43	5.19	0.09	0.07	0.84	0.52	0.52	6.32	0.42	0.42	5.04	0.12	0.12	1.51	17.94	17.82	41.86	24.78	24.67	56.83	90.18	90.06	199.71
2047-04-07	0.93	0.91	9.40	0.45	0.43	4.34	0.09	0.07	0.61	0.52	0.52	5.42	0.41	0.41	4.32	0.12	0.12	1.29	17.89	17.82	41.93	24.74	24.67	56.89	90.13	90.06	199.77
2047-04-08	0.92	0.90	8.63	0.44	0.42	3.97	0.09	0.07	0.54	0.51	0.51	4.99	0.41	0.41	3.98	0.12	0.12	1.19	17.36	17.26	39.40	24.21	24.11	54.37	89.60	89.50	197.25
2047-04-09	0.91	0.89	10.16	0.44	0.42	5.46	0.09	0.07	1.99	0.51	0.50	5.09	0.40	0.40	4.06	0.12	0.12	1.25	17.01	16.91	37.47	23.86	23.76	52.43	89.25	89.15	195.32
2047-04-10	1.01	0.99	9.19	0.48	0.46	3.90	0.10	0.08	0.00	0.56	0.56	5.62	0.45	0.45	4.47	0.13	0.14	1.30	16.79	16.70	37.06	23.64	23.54	52.02	89.03	88.94	194.91
2047-04-11	1.66	1.61	11.06	0.80	0.75	4.70	0.16	0.11	0.00	0.93	0.94	6.80	0.74	0.75	5.42	0.22	0.23	1.60	16.60	16.52	36.99	23.45	23.36	51.95	88.84	88.75	194.84
2047-04-12	1.78	1.77	13.34	0.86	0.84	6.81	0.17	0.15	1.99	1.00	1.01	7.01	0.79	0.81	5.59	0.23	0.25	1.67	16.36	16.29	36.53	23.21	23.14	51.49	88.60	88.53	194.38
2047-04-13	1.47	1.45	10.88	0.70	0.69	4.62	0.14	0.13	0.00	0.82	0.82	6.69	0.65	0.66	5.33	0.19	0.20	1.58	16.16	16.09	37.18	23.01	22.94	52.14	88.40	88.33	195.03
2047-04-14	1.73	1.70	11.35	0.83	0.80	5.20	0.17	0.14	0.66	0.96	0.97	6.58	0.77	0.78	5.24	0.23	0.24	1.55	15.99	15.92	37.13	22.84	22.77	52.10	88.23	88.16	194.98
2047-04-15	1.51	1.48	10.17	0.72	0.70	4.67	0.14	0.12	0.60	0.84	0.84	5.89	0.67	0.67	4.69	0.20	0.20	1.39	36.81	36.74	81.68	50.46	50.40	111.51	218.88	218.82	479.53
2047-04-16	1.45	1.41	8.92	0.70	0.66	4.12	0.14	0.10	0.58	0.81	0.81	5.14	0.64	0.64	4.09	0.19	0.19	1.22	36.68	36.61	80.70	50.33	50.27	110.53	218.75	218.69	478.54
2047-04-17	1.45	1.42	8.19	0.70	0.66	3.75	0.14	0.11	0.48	0.81	0.81	4.75	0.64	0.65	3.78	0.19	0.19	1.12	36.56	36.50	79.71	50.21	50.15	109.54	218.63	218.57	477.56
2047-04-18	1.48	1.45	7.64	0.71	0.68	3.50	0.14	0.11	0.45	0.82	0.83	4.43	0.66	0.66	3.53	0.19	0.20	1.05	36.45	36.40	79.23	50.11	50.05	109.06	218.53	218.47	477.08
2047-04-19	1.48	1.45	7.63	0.71	0.68	3.48	0.14	0.11	0.41	0.82	0.83	4.44	0.66	0.66	3.54	0.19	0.20	1.05	36.57	36.51	79.23	50.23	50.16	109.07	218.65	218.59	477.08
2047-04-20	1.66	1.60	8.37	0.80	0.73	3.82	0.16	0.10	0.46	0.93	0.92	4.87	0.74	0.74	3.88	0.22	0.22	1.15	37.36	37.29	80.26	51.01	50.94	110.09	219.43	219.36	478.11
2047-04-21	2.21	2.13	8.32	1.06	0.99	3.84	0.21	0.14	0.53	1.23	1.24	4.80	0.98	0.99	3.82	0.29	0.30	1.14	37.37	37.31	80.89	51.02	50.96	110.73	219.44	219.38	478.74
2047-04-22	2.25	2.19	7.62	1.08	1.02	3.50	0.22	0.16	0.45	1.25	1.26	4.42	1.00	1.01	3.52	0.30	0.30	1.05	37.04	36.97	80.02	50.69	50.62	109.85	219.11	219.04	477.86
2047-04-23	4.20	3.99	8.45	2.02	1.81	3.83	0.40	0.20	0.42	2.34	2.36	4.94	1.87	1.88	3.94	0.55	0.57	1.17	36.87	36.81	79.51	50.53	50.46	109.34	218.95	218.88	477.36
2047-04-24	6.82	6.72	10.30	3.27	3.18	4.75	0.65	0.56	0.65	3.80	3.82	5.94	3.03	3.05	4.73	0.90	0.92	1.40	36.73	36.67	79.02	50.39	50.32	108.85	218.81	218.74	476.87
2047-04-25	8.34	8.17	9.80	4.00	3.83	4.52	0.80	0.62	0.63	4.65	4.67	5.65	3.71	3.72	4.50	1.10	1.12	1.34	36.78	36.72	78.70	50.44	50.38	108.53	218.86	218.80	476.55
2047-04-26	9.71	9.68	9.90	4.66	4.63	4.52	0.93	0.90	0.54	5.42	5.43	5.76	4.31	4.33	4.59	1.28	1.30	1.36	37.15	37.11	78.51	50.81	50.76	108.34	219.23	219.18	476.35
2047-04-27	9.17	9.24	9.27	4.40	4.47	4.31	0.88	0.94	0.65	5.12	5.12	5.31	4.07	4.08	4.23	1.21	1.22	1.26	37.95	37.89	78.30	51.60	51.54	108.13	220.02	219.96	476.15
2047-04-28	7.78	7.55	7.30	3.73	3.51	3.38	0.75	0.52	0.49	4.34	4.34	4.19	3.46	3.46	3.34	1.02	1.03	0.99	38.76	38.67	78.27	52.41	52.32	108.11	220.83	220.74	476.12
2047-04-29	6.99	6.76	6.24	3.35	3.13	2.88	0.67	0.45	0.39	3.90	3.90	3.60	3.10	3.11	2.87	0.92	0.93	0.85	38.74	38.68	78.24	52.40	52.34	108.07	220.82	220.76	476.09
2047-04-30	6.70	6.45	5.69	3.21	2.96	2.61	0.64	0.39	0.34	3.74	3.74	3.29	2.97	2.98	2.62	0.88	0.89	0.78	38.27	38.17	77.99	51.92	51.83	107.82	220.34	220.25	475.84
2047-05-01	6.21	6.00	5.02	2.98	2.77	2.31	0.60	0.38	0.32	3.47	3.47	2.90	2.76	2.76	2.31	0.82	0.83	0.69	37.93	37.83							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2047-05-30	7.67	7.35	1.62	3.68	3.36	0.75	0.74	0.41	0.11	4.28	4.26	0.92	3.41	3.40	0.73	1.01	1.00	0.21	113.84	113.71	67.64	146.86	146.73	86.89	727.82	727.69	425.59
2047-05-31	7.76	7.43	1.55	3.72	3.40	0.72	0.74	0.42	0.10	4.33	4.31	0.88	3.45	3.43	0.70	1.02	1.02	0.20	114.26	114.09	67.88	147.27	147.10	87.13	728.23	728.06	425.82
2047-06-01	9.35	8.88	1.64	4.49	4.02	0.76	0.90	0.43	0.10	5.21	5.20	0.94	4.15	4.14	0.75	1.23	1.22	0.22	114.43	114.27	84.88	147.44	147.29	109.22	728.40	728.24	537.44
2047-06-02	13.48	12.96	2.05	6.47	5.95	0.93	1.29	0.78	0.11	7.52	7.50	1.18	5.99	5.97	0.94	1.78	1.77	0.28	113.87	113.75	84.49	146.89	146.76	108.82	727.84	727.72	537.05
2047-06-03	13.14	13.87	1.93	6.31	7.04	0.89	1.26	1.99	0.13	7.33	7.33	1.10	5.83	5.84	0.87	1.73	1.74	0.26	113.42	113.31	84.15	146.43	146.32	108.49	727.39	727.28	536.71
2047-06-04	12.01	10.86	1.81	5.77	4.62	0.84	1.15	0.00	0.12	6.70	6.68	1.03	5.34	5.32	0.82	1.58	1.57	0.24	113.05	112.95	83.87	146.06	145.96	108.21	727.02	726.92	536.43
2047-06-05	18.64	17.88	2.49	8.95	8.19	1.13	1.79	1.03	0.12	10.40	10.38	1.46	8.28	8.26	1.16	2.45	2.44	0.34	112.74	112.64	83.63	145.75	145.66	107.96	726.71	726.61	536.19
2047-06-06	22.51	22.34	4.53	10.80	10.64	2.05	2.16	1.99	0.22	12.56	12.54	2.65	10.00	9.99	2.11	2.96	2.97	0.62	112.48	112.39	83.42	145.49	145.40	107.76	726.45	726.36	535.98
2047-06-07	14.96	15.52	3.42	7.18	7.74	1.61	1.43	1.99	0.27	8.35	8.34	1.93	6.65	6.64	1.54	1.97	1.98	0.45	112.25	112.17	83.25	145.27	145.18	107.58	726.22	726.14	535.80
2047-06-08	11.40	10.69	3.01	5.47	4.77	1.39	1.09	0.39	0.19	6.36	6.34	1.73	5.06	5.05	1.38	1.50	1.49	0.40	112.06	111.98	83.09	145.07	145.00	107.43	726.03	725.95	535.65
2047-06-09	9.38	8.92	2.73	4.50	4.04	1.26	0.90	0.44	0.18	5.24	5.22	1.57	4.17	4.15	1.25	1.24	1.23	0.37	111.89	111.82	82.96	144.90	144.83	107.29	725.86	725.79	535.52
2047-06-10	7.87	7.62	2.50	3.78	3.53	1.16	0.75	0.51	0.16	4.39	4.38	1.43	3.49	3.48	1.14	1.04	1.03	0.33	111.74	111.67	82.84	144.76	144.69	107.17	725.72	725.65	535.40
2047-06-11	7.06	6.81	2.31	3.39	3.14	1.07	0.68	0.43	0.15	3.94	3.92	1.32	3.13	3.12	1.05	0.93	0.92	0.31	111.63	111.56	82.73	144.65	144.58	107.07	725.60	725.54	535.29
2047-06-12	6.53	6.28	2.14	3.13	2.88	0.99	0.63	0.37	0.14	3.64	3.63	1.23	2.90	2.89	0.98	0.86	0.85	0.28	111.53	111.47	82.64	144.55	144.48	106.97	725.50	725.44	535.20
2047-06-13	6.22	5.97	2.00	2.99	2.73	0.93	0.60	0.34	0.13	3.47	3.46	1.15	2.76	2.75	0.91	0.82	0.81	0.27	111.44	111.38	82.55	144.45	144.39	106.89	725.41	725.35	535.11
2047-06-14	6.02	5.78	1.89	2.89	2.65	0.87	0.58	0.34	0.12	3.36	3.35	1.08	2.67	2.66	0.86	0.79	0.79	0.25	111.36	111.30	82.48	144.37	144.32	106.81	725.33	725.27	535.04
2047-06-15	5.40	5.20	1.78	2.59	2.39	0.83	0.52	0.32	0.12	3.01	3.00	1.02	2.40	2.39	0.81	0.71	0.71	0.24	140.22	140.17	103.75	173.62	173.57	128.37	950.63	950.58	701.10
2047-06-16	5.89	5.61	1.86	2.83	2.55	0.85	0.56	0.29	0.11	3.29	3.27	1.07	2.62	2.61	0.85	0.78	0.77	0.25	140.15	140.09	103.68	173.54	173.49	128.30	950.55	950.50	701.04
2047-06-17	6.47	6.33	1.94	3.11	2.97	0.89	0.62	0.48	0.12	3.61	3.60	1.11	2.88	2.87	0.88	0.85	0.85	0.26	140.07	140.02	103.63	173.47	173.42	128.25	950.48	950.43	700.98
2047-06-18	5.63	5.43	1.83	2.70	2.50	0.85	0.54	0.34	0.12	3.14	3.13	1.05	2.50	2.49	0.83	0.74	0.74	0.24	140.01	139.96	103.58	173.41	173.36	128.19	950.42	950.37	700.93
2047-06-19	5.31	5.10	1.73	2.55	2.34	0.80	0.51	0.30	0.12	2.96	2.95	0.99	2.36	2.35	0.79	0.70	0.69	0.23	162.67	161.19	116.62	196.07	194.59	141.24	973.08	971.60	713.97
2047-06-20	4.89	4.71	1.65	2.35	2.17	0.76	0.47	0.29	0.11	2.73	2.72	0.94	2.17	2.16	0.75	0.64	0.64	0.22	218.44	216.27	148.72	251.84	249.67	173.33	1028.85	1026.68	746.07
2047-06-21	4.28	4.13	1.57	2.05	1.91	0.73	0.41	0.26	0.10	2.39	2.38	0.90	1.90	1.89	0.71	0.56	0.56	0.21	173.93	173.69	126.25	207.33	207.09	150.87	984.34	984.10	723.60
2047-06-22	4.38	4.20	1.55	2.10	1.92	0.72	0.42	0.23	0.10	2.45	2.43	0.88	1.95	1.94	0.70	0.58	0.57	0.20	160.42	160.99	119.42	193.82	194.39	144.04	970.83	971.40	716.77
2047-06-23	6.54	6.15	1.86	3.14	2.75	0.85	0.63	0.24	0.10	3.65	3.63	1.08	2.90	2.89	0.86	0.86	0.85	0.25	153.94	153.24	113.81	187.34	186.64	138.43	964.35	963.65	711.16
2047-06-24	7.51	7.48	2.43	3.60	3.58	1.11	0.72	0.69	0.13	4.19	4.18	1.41	3.34	3.33	1.12	0.99	0.98	0.33	151.78	151.24	112.21	185.18	184.64	136.82	962.19	961.65	709.56
2047-06-25	5.67	5.51	1.97	2.72	2.57	0.92	0.54	0.39	0.15	3.16	3.15	1.12	2.52	2.51	0.89	0.75	0.74	0.26	150.17	150.03	111.07	183.57	183.43	135.69	960.58	960.44	708.43
2047-06-26	9.33	8.74	3.36	4.48	3.89	1.50	0.89	0.30	0.12	5.21	5.19	1.99	4.14	4.13	1.58	1.23	1.22	0.46	147.79	147.56	109.46	181.19	180.96	134.08	958.20	957.97	706.82
2047-06-27	14.56	14.85	6.14	6.99	7.28	2.84	1.40	1.69	0.40	8.12	8.10	3.53	6.46	6.45	2.81	1.92	1.91	0.83	146.15	145.95	108.35	179.55	179.35	132.97	956.56	956.36	705.70
2047-06-28	9.12	8.98	3.97	4.38	4.24	1.88	0.87	0.74	0.33	5.09	5.08	2.23	4.05	4.04	1.78	1.20	1.20	0.52	144.96	144.78	107.51	178.36	178.18	132.13	955.37	955.19	704.86
2047-06-29	7.14	6.93	3.42	3.43	3.21	1.58	0.68	0.47	0.22	3.99	3.97	1.97	3.17	3.16	1.57	0.94	0.94	0.46	144.06	143.90	106.85	177.46	177.30	131.47	954.47	954.31	704.21
2047-06-30	5.88	5.69	3.06	2.82	2.63	1.41	0.56	0.37	0.19	3.28	3.27	1.76	2.61	2.60	1.40	0.77	0.77	0.41	143.37	143.23	106.33	176.76	176.62	130.95	953.77	953.63	703.68
2047-07-01	4.98	4.82	2.77	2.39	2.23	1.28	0.48	0.31	0.18	2.78	2.77	1.59	2.21	2.20	1.27	0.66	0.65	0.37	142.81	142.68	135.75	176.21	176.08	167.60	953.22	953.09	708.40
2047-07-02	4.62	4.44	2.69	2.22	2.04	1.23	0.44	0.27	0.16	2.58	2.56	1.55	2.05	2.04	1.23	0.61	0.60	0.36	142.36	142.25	135.40	175.76	175.65	167.25	952.77	952.65	708.05
2047-07-03	4.70	4.50	2.81	2.25	2.06	1.29	0.45	0.25	0.16	2.62	2.61	1.62	2.09	2.08	1.29	0.62	0.61	0.38	141.99	141.89	135.11	175.39	175.29	166.95	952.40	952.29	707.75
2047-07-04	4.42	4.26	2.77	2.12	1.96	1.27	0.42	0.26	0.17	2.47	2.46	1.59	1.96	1.95	1.27	0.58	0.58	0.37	141.68	141.59	134.86	175.08	174.98	166.70	952.09	951.99	707.51
2047-07-05	3.86	3.73	2.53	1.85	1.72	1.17	0.37	0.24	0.16	2.15	2.14	1.45	1.71	1.70	1.16	0.51	0.50	0.34	141.54	141.45	134.73	174.94	174.84	166.57	951.95	951.85	707.37
2047-07-06	3.42	3.30	2.33	1.64	1.53	1.08	0.33	0.21	0.15	1.91	1.90	1.34	1.52	1.51	1.06	0.45	0.44	0.31	141.41	141.32	134.61	174.81	174.72	166.45	951.82	951.73	707.25
2047-07-07	3.07	2.97	2.17	1.47	1.37	1.00	0.29	0.19	0.14	1.71	1.70	1.24	1.36	1.35	0.99	0.40	0.40	0.29	141.19	141.11	134.43	174.59	174.51	166.27	951.60	951.51	707.07
2047-07-08	2.79	2.69	2.02	1.34	1.24	0.93	0.27	0.17	0.13	1.55	1.54	1.16	1.24	1.23	0.92	0.37	0.36	0.27	142.37	142.21	135.60	175.77	175.61	167.44	952.78	952.61	708.24
2047-07-09	2.55	2.47	1.90	1.23	1.14	0.88	0.24	0.16	0.12	1.42	1.41	1.09	1.13	1.13	0.86	0.34	0.33	0.25	144.99	144.75	138.19	178.39	178.15	170.04	955.40	955.16	710.84
2047-07-10	2.36	2.28	1.79	1.13	1.05	0.83	0.23	0.15	0.12	1.32	1.31	1.03	1.05	1.04	0.81	0.31	0.30	0.24	142.90	142.82							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2047-08-09	1.48	1.43	1.32	0.71	0.66	0.61	0.14	0.10	0.09	0.82	0.81	0.75	0.66	0.65	0.60	0.19	0.19	0.17	56.80	56.70	48.73	75.55	75.44	64.88	451.64	451.54	388.93
2047-08-10	1.42	1.38	1.28	0.68	0.64	0.60	0.14	0.09	0.09	0.79	0.78	0.73	0.63	0.62	0.58	0.19	0.18	0.17	56.50	56.41	48.54	75.25	75.16	64.69	451.35	451.25	388.73
2047-08-11	1.37	1.33	1.24	0.66	0.62	0.58	0.13	0.09	0.09	0.77	0.76	0.71	0.61	0.60	0.56	0.18	0.17	0.16	56.25	56.17	48.37	75.00	74.91	64.52	451.10	451.01	388.57
2047-08-12	1.33	1.29	1.21	0.64	0.60	0.56	0.13	0.09	0.08	0.74	0.73	0.69	0.59	0.58	0.54	0.17	0.17	0.16	56.04	55.96	48.22	74.78	74.70	64.38	450.88	450.80	388.42
2047-08-13	1.29	1.25	1.18	0.62	0.58	0.55	0.12	0.09	0.08	0.72	0.71	0.67	0.57	0.56	0.53	0.17	0.16	0.15	55.85	55.77	48.09	74.60	74.52	64.25	450.69	450.62	388.29
2047-08-14	1.86	1.76	1.55	0.89	0.80	0.70	0.18	0.09	0.08	1.04	1.03	0.90	0.82	0.82	0.71	0.24	0.24	0.21	55.69	55.62	47.98	74.44	74.36	64.13	450.53	450.46	388.18
2047-08-15	3.01	2.86	2.40	1.44	1.30	1.09	0.29	0.14	0.12	1.68	1.67	1.40	1.34	1.33	1.11	0.40	0.39	0.33	30.02	29.95	25.88	40.94	40.87	35.29	225.79	225.72	194.56
2047-08-16	1.94	1.92	1.66	0.93	0.91	0.79	0.19	0.17	0.15	1.08	1.07	0.93	0.86	0.85	0.74	0.26	0.25	0.21	29.90	29.83	25.79	40.81	40.75	35.20	225.66	225.60	194.47
2047-08-17	1.83	1.77	1.55	0.88	0.82	0.72	0.18	0.12	0.10	1.02	1.01	0.88	0.81	0.81	0.70	0.24	0.23	0.20	29.78	29.72	25.71	40.70	40.64	35.12	225.55	225.49	194.39
2047-08-18	1.74	1.68	1.49	0.83	0.78	0.69	0.17	0.11	0.10	0.97	0.96	0.85	0.77	0.76	0.67	0.23	0.22	0.20	29.69	29.63	25.64	40.60	40.55	35.05	225.45	225.40	194.31
2047-08-19	1.74	1.69	1.47	0.84	0.78	0.68	0.17	0.11	0.10	0.97	0.96	0.84	0.77	0.77	0.67	0.23	0.22	0.19	29.60	29.54	25.57	40.51	40.46	34.98	225.37	225.31	194.25
2047-08-20	1.75	1.69	1.46	0.84	0.78	0.68	0.17	0.11	0.10	0.97	0.97	0.83	0.78	0.77	0.66	0.23	0.22	0.19	29.52	29.46	25.51	40.43	40.38	34.92	225.29	225.23	194.19
2047-08-21	1.67	1.62	1.41	0.80	0.75	0.65	0.16	0.11	0.10	0.93	0.92	0.80	0.74	0.73	0.64	0.22	0.21	0.18	29.44	29.39	25.46	40.36	40.31	34.87	225.21	225.16	194.13
2047-08-22	1.60	1.55	1.36	0.77	0.72	0.63	0.15	0.11	0.10	0.89	0.88	0.77	0.71	0.70	0.61	0.21	0.20	0.18	29.38	29.33	25.41	40.30	40.25	34.82	225.15	225.10	194.08
2047-08-23	1.59	1.53	1.33	0.76	0.71	0.62	0.15	0.10	0.09	0.88	0.88	0.76	0.70	0.70	0.60	0.21	0.20	0.17	29.32	29.27	25.36	40.24	40.19	34.77	225.09	225.04	194.04
2047-08-24	1.57	1.52	1.32	0.75	0.71	0.61	0.15	0.10	0.09	0.87	0.87	0.75	0.70	0.69	0.59	0.21	0.20	0.17	29.39	29.34	25.39	40.31	40.25	34.80	225.16	225.11	194.07
2047-08-25	1.50	1.46	1.27	0.72	0.68	0.59	0.14	0.10	0.09	0.84	0.83	0.72	0.67	0.66	0.57	0.20	0.19	0.17	30.16	30.06	25.81	41.07	40.98	35.22	225.92	225.83	194.48
2047-08-26	1.45	1.41	1.24	0.69	0.65	0.58	0.14	0.10	0.09	0.81	0.80	0.70	0.64	0.64	0.56	0.19	0.18	0.16	30.42	30.34	26.05	41.34	41.26	35.45	226.19	226.11	194.72
2047-08-27	1.40	1.36	1.20	0.67	0.63	0.56	0.13	0.09	0.09	0.78	0.77	0.68	0.62	0.61	0.54	0.18	0.18	0.16	29.86	29.81	25.69	40.78	40.73	35.10	225.63	225.58	194.36
2047-08-28	1.37	1.33	1.17	0.66	0.62	0.55	0.13	0.09	0.08	0.77	0.76	0.66	0.61	0.60	0.53	0.18	0.17	0.15	29.76	29.70	25.61	40.67	40.61	35.02	225.52	225.46	194.28
2047-08-29	1.35	1.31	1.15	0.65	0.61	0.54	0.13	0.09	0.08	0.75	0.74	0.65	0.60	0.59	0.52	0.18	0.17	0.15	29.66	29.60	25.55	40.58	40.52	34.95	225.43	225.37	194.22
2047-08-30	1.31	1.27	1.12	0.63	0.59	0.52	0.13	0.09	0.08	0.73	0.72	0.63	0.58	0.57	0.50	0.17	0.17	0.15	29.57	29.52	25.49	40.49	40.44	34.90	225.34	225.29	194.16
2047-08-31	1.27	1.23	1.10	0.61	0.57	0.51	0.12	0.09	0.08	0.71	0.70	0.62	0.56	0.56	0.49	0.17	0.16	0.14	29.50	29.45	25.44	40.41	40.36	34.84	225.27	225.22	194.11
2047-09-01	1.23	1.20	1.08	0.59	0.56	0.50	0.12	0.09	0.08	0.69	0.68	0.61	0.55	0.54	0.48	0.16	0.16	0.14	29.43	29.38	25.41	40.34	40.29	34.81	225.20	225.15	194.05
2047-09-02	1.20	1.17	1.06	0.58	0.55	0.49	0.12	0.08	0.08	0.67	0.66	0.60	0.53	0.53	0.47	0.16	0.15	0.14	29.36	29.31	25.37	40.28	40.23	34.77	225.13	225.08	194.00
2047-09-03	1.17	1.14	1.04	0.56	0.53	0.48	0.11	0.08	0.08	0.65	0.65	0.58	0.52	0.51	0.46	0.15	0.15	0.13	29.30	29.26	25.34	40.22	40.18	34.74	225.07	225.03	193.97
2047-09-04	1.14	1.12	1.02	0.55	0.52	0.48	0.11	0.08	0.08	0.64	0.63	0.57	0.51	0.50	0.46	0.15	0.14	0.13	29.25	29.21	25.31	40.17	40.12	34.71	225.02	224.98	193.94
2047-09-05	1.23	1.19	1.16	0.59	0.55	0.53	0.12	0.08	0.07	0.69	0.68	0.66	0.55	0.54	0.52	0.16	0.16	0.15	29.20	29.16	25.28	40.12	40.08	34.68	224.97	224.93	193.91
2047-09-06	1.50	1.45	1.58	0.72	0.67	0.72	0.14	0.09	0.09	0.84	0.83	0.91	0.67	0.66	0.73	0.20	0.19	0.21	29.29	29.24	25.35	40.21	40.16	34.75	225.06	225.01	194.00
2047-09-07	1.27	1.24	1.21	0.61	0.58	0.57	0.12	0.10	0.10	0.71	0.70	0.68	0.56	0.56	0.54	0.17	0.16	0.16	32.18	31.95	34.70	43.10	42.87	46.62	227.95	227.72	248.38
2047-09-08	1.23	1.20	1.16	0.59	0.56	0.54	0.12	0.09	0.08	0.69	0.68	0.66	0.55	0.54	0.52	0.16	0.16	0.15	35.77	35.53	38.76	46.68	46.45	50.68	231.54	231.30	252.44
2047-09-09	1.20	1.17	1.13	0.58	0.55	0.53	0.12	0.08	0.08	0.67	0.66	0.64	0.53	0.53	0.51	0.16	0.15	0.15	32.47	32.43	35.20	43.39	43.35	47.11	228.24	228.20	248.88
2047-09-10	1.24	1.21	1.18	0.60	0.56	0.55	0.12	0.08	0.08	0.69	0.68	0.67	0.55	0.54	0.53	0.16	0.16	0.15	31.97	31.85	34.55	42.88	42.76	46.47	227.74	227.61	248.23
2047-09-11	1.28	1.24	1.25	0.61	0.58	0.58	0.12	0.09	0.09	0.71	0.70	0.71	0.57	0.56	0.56	0.17	0.16	0.16	31.55	31.44	34.11	42.47	42.36	46.03	227.32	227.21	247.79
2047-09-12	1.24	1.21	1.19	0.60	0.56	0.56	0.12	0.09	0.09	0.69	0.68	0.67	0.55	0.54	0.53	0.16	0.16	0.15	31.21	31.11	33.75	42.13	42.03	45.67	226.98	226.88	247.43
2047-09-13	1.21	1.18	1.16	0.58	0.55	0.54	0.12	0.09	0.08	0.67	0.67	0.66	0.54	0.53	0.52	0.16	0.15	0.15	30.93	30.83	33.45	41.84	41.75	45.37	226.69	226.60	247.13
2047-09-14	1.18	1.15	1.13	0.57	0.54	0.53	0.11	0.08	0.08	0.66	0.65	0.64	0.52	0.52	0.51	0.16	0.15	0.15	30.68	30.60	33.20	41.60	41.51	45.11	226.45	226.36	246.88
2047-09-15	1.15	1.12	1.11	0.55	0.52	0.52	0.11	0.08	0.08	0.64	0.63	0.62	0.51	0.50	0.50	0.15	0.15	0.14	20.45	20.37	22.04	29.30	29.22	31.70	159.30	159.22	173.60
2047-09-16	1.12	1.10	1.08	0.54	0.51	0.51	0.11	0.08	0.08	0.63	0.62	0.61	0.50	0.49	0.49	0.15	0.14	0.14	20.27	20.19	21.85	29.12	29.04	31.51	159.12	159.05	173.41
2047-09-17	1.10	1.08	1.06	0.53	0.50	0.50	0.11	0.08	0.08	0.61	0.61	0.60	0.49	0.48	0.48	0.15	0.14	0.14	20.68	20.57	22.30	29.53	29.43	31.97	159.53	159.43	173.86
2047-09-18	1.08	1.05	1.04	0.52	0.49	0.49	0.10	0.08	0.08	0.60	0.59	0.59	0.48	0.47	0.47	0.14	0.14	0.13	22.94	22.71	24.84	31.79	31.56	34.50	161.79	161.56	176.40
2047-09-19	1.06	1.04	1.02	0.51	0.48	0.48	0.10	0.08	0.08	0.59	0.58	0.58	0.47	0.46	0.46	0.14	0.13	0.13	22.78	22.64	24.81	31.64	31.49	34.47	161.64	161.49	176.37
2047-09-20	1.04	1.02	1.01	0.50	0.48	0.47	0.10	0.08	0.07	0.58	0.57	0.57	0.46	0.46	0.45	0.14	0.13	0.13									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2047-10-19	3.76	3.52	5.22	1.80	1.57	2.31	0.36	0.13	0.15	2.10	2.08	3.11	1.67	1.66	2.48	0.49	0.49	0.73	19.48	19.31	21.47	27.44	27.27	30.30	136.50	136.33	151.25
2047-10-20	6.52	6.68	9.53	3.13	3.29	4.05	0.62	0.79	0.00	3.64	3.63	5.86	2.89	2.89	4.67	0.86	0.86	1.38	19.36	19.26	21.33	27.32	27.22	30.16	136.38	136.28	151.10
2047-10-21	4.17	4.12	6.53	2.00	1.95	3.07	0.40	0.34	0.52	2.33	2.32	3.69	1.85	1.85	2.94	0.55	0.54	0.87	19.26	19.19	21.20	27.22	27.15	30.03	136.28	136.21	150.98
2047-10-22	3.67	3.54	5.31	1.76	1.63	2.46	0.35	0.22	0.35	2.05	2.03	3.05	1.63	1.62	2.42	0.48	0.47	0.71	19.16	19.10	21.09	27.12	27.07	29.92	136.18	136.13	150.87
2047-10-23	3.27	3.15	4.50	1.57	1.45	2.07	0.31	0.19	0.29	1.82	1.81	2.58	1.45	1.44	2.05	0.43	0.42	0.60	19.07	19.02	20.99	27.04	26.98	29.82	136.10	136.04	150.77
2047-10-24	2.95	2.84	3.89	1.41	1.30	1.79	0.28	0.17	0.24	1.64	1.63	2.24	1.31	1.30	1.78	0.39	0.38	0.52	19.00	18.95	20.91	26.96	26.91	29.73	136.02	135.97	150.68
2047-10-25	2.69	2.59	3.43	1.29	1.19	1.58	0.26	0.16	0.21	1.50	1.49	1.97	1.19	1.18	1.57	0.35	0.34	0.46	18.93	18.88	20.83	26.89	26.84	29.66	135.95	135.90	150.60
2047-10-26	2.47	2.38	3.07	1.19	1.09	1.41	0.24	0.15	0.19	1.38	1.37	1.76	1.10	1.09	1.40	0.33	0.32	0.41	18.93	18.88	20.86	26.90	26.84	29.69	135.96	135.90	150.64
2047-10-27	2.29	2.20	2.78	1.10	1.02	1.28	0.22	0.14	0.17	1.28	1.26	1.60	1.02	1.01	1.27	0.30	0.29	0.37	18.94	18.89	20.93	26.90	26.85	29.76	135.96	135.91	150.71
2047-10-28	2.17	2.10	2.63	1.04	0.96	1.21	0.21	0.13	0.16	1.21	1.20	1.51	0.97	0.96	1.20	0.29	0.28	0.35	18.87	18.82	20.87	26.83	26.78	29.70	135.89	135.84	150.65
2047-10-29	2.42	2.33	3.12	1.16	1.07	1.43	0.23	0.14	0.18	1.35	1.35	1.81	1.08	1.07	1.44	0.32	0.32	0.43	18.81	18.75	20.78	26.77	26.71	29.61	135.83	135.77	150.55
2047-10-30	4.90	4.59	6.70	2.35	2.04	2.96	0.47	0.15	0.20	2.74	2.73	4.00	2.18	2.17	3.18	0.65	0.64	0.94	18.76	18.70	20.71	26.72	26.66	29.54	135.78	135.72	150.49
2047-10-31	6.63	6.32	9.32	3.18	2.87	4.25	0.64	0.33	0.51	3.70	3.69	5.42	2.94	2.94	4.32	0.87	0.87	1.28	18.71	18.66	20.66	26.67	26.62	29.49	135.73	135.68	150.43
2047-11-01	4.76	4.65	6.84	2.28	2.18	3.20	0.46	0.35	0.51	2.65	2.64	3.90	2.11	2.10	3.11	0.63	0.62	0.92	18.67	18.64	19.73	26.63	26.60	28.13	135.69	135.66	143.18
2047-11-02	4.25	4.12	5.37	2.04	1.91	2.28	0.41	0.28	0.00	2.37	2.37	3.30	1.89	1.89	2.63	0.56	0.57	0.78	18.63	18.59	19.65	26.59	26.55	28.05	135.65	135.61	143.10
2047-11-03	4.33	4.16	5.68	2.08	1.91	2.65	0.42	0.25	0.41	2.42	2.42	3.24	1.92	1.93	2.58	0.57	0.58	0.76	18.59	18.55	19.61	26.55	26.51	28.00	135.61	135.57	143.05
2047-11-04	4.74	4.54	5.60	2.27	2.08	2.39	0.45	0.26	0.01	2.64	2.64	3.44	2.10	2.11	2.74	0.62	0.63	0.81	18.55	18.50	19.55	26.51	26.46	27.95	135.57	135.52	142.99
2047-11-05	4.77	4.31	5.71	2.29	1.83	2.62	0.46	0.00	0.33	2.66	2.64	3.31	2.12	2.10	2.64	0.63	0.61	0.78	18.52	18.47	19.51	26.48	26.43	27.91	135.54	135.49	142.96
2047-11-06	4.70	4.25	5.16	2.26	1.81	2.19	0.45	0.00	0.00	2.62	2.61	3.17	2.09	2.08	2.53	0.62	0.61	0.75	18.49	18.44	19.47	26.45	26.40	27.87	135.51	135.46	142.92
2047-11-07	4.52	4.29	4.91	2.17	1.94	2.08	0.43	0.20	0.00	2.52	2.52	3.02	2.01	2.01	2.40	0.60	0.60	0.71	18.46	18.42	19.45	26.42	26.39	27.84	135.48	135.45	142.89
2047-11-08	4.08	3.94	4.35	1.96	1.82	1.85	0.39	0.25	0.00	2.28	2.27	2.67	1.81	1.81	2.13	0.54	0.54	0.63	18.44	18.40	19.41	26.40	26.36	27.81	135.46	135.42	142.86
2047-11-09	3.60	3.46	3.75	1.73	1.59	1.59	0.34	0.21	0.00	2.01	2.00	2.30	1.60	1.59	1.83	0.47	0.47	0.54	18.41	18.38	19.39	26.37	26.34	27.79	135.43	135.40	142.83
2047-11-10	3.21	3.08	3.30	1.54	1.41	1.40	0.31	0.17	0.00	1.79	1.78	2.02	1.43	1.42	1.61	0.42	0.41	0.47	18.39	18.35	19.35	26.35	26.31	27.75	135.41	135.37	142.80
2047-11-11	2.90	2.78	2.94	1.39	1.27	1.25	0.28	0.16	0.00	1.62	1.61	1.80	1.29	1.28	1.43	0.38	0.37	0.42	18.37	18.33	19.33	26.33	26.29	27.73	135.39	135.35	142.77
2047-11-12	2.65	2.54	2.78	1.27	1.16	1.25	0.25	0.14	0.13	1.48	1.47	1.63	1.18	1.17	1.29	0.35	0.34	0.38	18.35	18.31	19.31	26.31	26.27	27.71	135.37	135.33	142.75
2047-11-13	2.44	2.35	2.58	1.17	1.08	1.19	0.23	0.15	0.16	1.36	1.35	1.49	1.08	1.08	1.18	0.32	0.32	0.35	18.34	18.32	19.32	26.31	26.28	27.71	135.37	135.34	142.76
2047-11-14	2.26	2.18	2.38	1.09	1.01	1.10	0.22	0.14	0.15	1.26	1.26	1.37	1.00	1.00	1.09	0.30	0.30	0.32	18.35	18.35	19.36	26.31	26.31	27.76	135.37	135.37	142.81
2047-11-15	2.11	2.04	2.21	1.01	0.95	1.02	0.20	0.14	0.15	1.18	1.17	1.27	0.94	0.94	1.01	0.28	0.28	0.30	18.62	18.60	19.64	27.32	27.30	28.82	123.16	123.15	129.92
2047-11-16	1.98	1.91	2.05	0.95	0.88	0.95	0.19	0.12	0.13	1.10	1.10	1.18	0.88	0.87	0.94	0.26	0.26	0.28	18.60	18.57	19.59	27.30	27.27	28.78	123.14	123.11	129.88
2047-11-17	2.00	1.92	2.09	0.96	0.88	0.96	0.19	0.12	0.12	1.11	1.11	1.21	0.89	0.88	0.96	0.26	0.26	0.28	18.58	18.55	19.57	27.28	27.25	28.75	123.13	123.09	129.85
2047-11-18	2.03	1.97	2.18	0.97	0.91	1.01	0.19	0.13	0.15	1.13	1.13	1.26	0.90	0.90	1.00	0.27	0.27	0.30	18.56	18.53	19.54	27.27	27.23	28.72	123.11	123.07	129.83
2047-11-19	2.34	2.24	2.72	1.12	1.02	1.23	0.22	0.12	0.14	1.30	1.30	1.59	1.04	1.04	1.27	0.31	0.31	0.38	18.55	18.52	19.53	27.25	27.22	28.71	123.09	123.07	129.82
2047-11-20	3.09	2.94	4.15	1.49	1.33	1.86	0.30	0.14	0.16	1.73	1.72	2.45	1.37	1.37	1.96	0.41	0.41	0.58	18.53	18.50	19.51	27.24	27.20	28.69	123.08	123.05	129.79
2047-11-21	2.66	2.58	3.42	1.27	1.20	1.59	0.25	0.18	0.24	1.48	1.48	1.96	1.18	1.18	1.56	0.35	0.35	0.46	18.52	18.47	19.47	27.22	27.18	28.66	123.07	123.02	129.76
2047-11-22	2.44	2.36	3.04	1.17	1.09	1.41	0.23	0.15	0.19	1.36	1.36	1.75	1.09	1.08	1.40	0.32	0.32	0.41	18.51	18.46	19.46	27.21	27.16	28.64	123.05	123.00	129.74
2047-11-23	2.27	2.19	2.76	1.09	1.01	1.27	0.22	0.14	0.18	1.26	1.26	1.59	1.01	1.00	1.26	0.30	0.30	0.37	18.49	18.45	19.45	27.20	27.15	28.63	123.04	123.00	129.73
2047-11-24	2.11	2.04	2.52	1.01	0.94	1.16	0.20	0.13	0.16	1.18	1.17	1.45	0.94	0.94	1.16	0.28	0.28	0.34	18.48	18.44	19.43	27.19	27.15	28.62	123.03	122.99	129.72
2047-11-25	1.98	1.92	2.32	0.95	0.89	1.07	0.19	0.12	0.15	1.11	1.10	1.34	0.88	0.88	1.07	0.26	0.26	0.32	18.47	18.44	19.43	27.18	27.14	28.61	123.02	122.98	129.71
2047-11-26	1.87	1.80	2.15	0.90	0.83	0.99	0.18	0.11	0.13	1.04	1.04	1.24	0.83	0.83	0.99	0.25	0.24	0.29	18.46	18.43	19.41	27.16	27.13	28.60	123.01	122.97	129.70
2047-11-27	1.77	1.71	2.01	0.85	0.79	0.92	0.17	0.10	0.12	0.99	0.98	1.16	0.79	0.78	0.92	0.23	0.23	0.27	18.45	18.42	19.40	27.15	27.12	28.59	123.00	122.97	129.69
2047-11-28	1.69	1.63	1.89	0.81	0.75	0.87	0.16	0.10	0.12	0.94	0.93	1.09	0.75	0.74	0.87	0.22	0.22	0.25	18.44	18.41	19.39	27.15	27.11	28.57	122.99	122.96	129.68
2047-11-29	1.62	1.57	1.82	0.78	0.72	0.84	0.16	0.10	0.11	0.91	0.90	1.05	0.72	0.72	0.84	0.21	0.21	0.25	18.43	18.40	19.38	27.14	27.10	28.56	122.98	122.94	129.67
2047-11-30	1.65	1.59	1.91	0.79	0.73	0.88	0.16	0.10	0.11	0.92	0.91	1.11	0.73	0.73	0.88	0.22	0.22	0.26									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2047-12-29	0.97	0.94	0.99	0.47	0.44	0.46	0.09	0.06	0.07	0.54	0.54	0.56	0.43	0.43	0.45	0.13	0.12	0.13	13.09	13.07	13.20	19.22	19.20	19.41	81.07	81.05	81.99
2047-12-30	0.96	0.93	0.97	0.46	0.43	0.45	0.09	0.06	0.07	0.53	0.53	0.55	0.43	0.42	0.44	0.13	0.12	0.13	13.08	13.05	13.18	19.21	19.19	19.39	81.06	81.04	81.98
2047-12-31	0.95	0.92	0.96	0.45	0.43	0.45	0.09	0.06	0.07	0.53	0.52	0.55	0.42	0.42	0.44	0.12	0.12	0.13	13.08	13.06	13.19	19.21	19.19	19.40	81.06	81.04	81.98
2048-01-01	0.93	0.91	0.95	0.45	0.42	0.44	0.09	0.06	0.06	0.52	0.52	0.54	0.42	0.41	0.43	0.12	0.12	0.13	13.08	13.06	13.05	19.22	19.20	19.18	81.06	81.05	81.00
2048-01-02	0.92	0.90	0.93	0.44	0.42	0.43	0.09	0.06	0.07	0.52	0.51	0.53	0.41	0.41	0.42	0.12	0.12	0.12	13.08	13.06	13.04	19.22	19.19	19.17	81.07	81.04	81.00
2048-01-03	0.91	0.89	0.92	0.44	0.41	0.43	0.09	0.06	0.07	0.51	0.51	0.53	0.41	0.40	0.42	0.12	0.12	0.12	13.08	13.06	13.04	19.22	19.19	19.18	81.07	81.04	81.00
2048-01-04	0.90	0.88	0.91	0.43	0.41	0.42	0.09	0.06	0.06	0.50	0.50	0.52	0.40	0.40	0.41	0.12	0.12	0.12	13.08	13.06	13.04	19.22	19.19	19.18	81.07	81.04	81.00
2048-01-05	0.90	0.87	0.90	0.43	0.41	0.42	0.09	0.06	0.06	0.50	0.50	0.51	0.40	0.39	0.41	0.12	0.11	0.12	13.09	13.06	13.04	19.22	19.19	19.18	81.07	81.04	81.00
2048-01-06	0.89	0.87	0.89	0.43	0.40	0.42	0.09	0.06	0.06	0.49	0.49	0.51	0.39	0.39	0.40	0.12	0.11	0.12	13.09	13.06	13.05	19.22	19.20	19.18	81.07	81.05	81.00
2048-01-07	0.88	0.86	0.89	0.42	0.40	0.41	0.08	0.06	0.07	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.12	13.09	13.07	13.05	19.22	19.20	19.18	81.07	81.05	81.01
2048-01-08	0.89	0.87	0.90	0.43	0.41	0.42	0.09	0.06	0.07	0.50	0.49	0.51	0.39	0.39	0.41	0.12	0.12	0.12	13.19	13.16	13.18	19.33	19.30	19.32	81.17	81.14	81.14
2048-01-09	0.99	0.96	1.04	0.48	0.45	0.48	0.10	0.07	0.07	0.55	0.55	0.60	0.44	0.44	0.47	0.13	0.13	0.14	13.39	13.36	13.45	19.53	19.49	19.59	81.38	81.34	81.41
2048-01-10	0.92	0.91	0.96	0.44	0.43	0.45	0.09	0.07	0.08	0.51	0.51	0.54	0.41	0.41	0.43	0.12	0.12	0.13	13.28	13.26	13.32	19.42	19.39	19.45	81.26	81.24	81.28
2048-01-11	0.91	0.88	0.93	0.43	0.41	0.44	0.09	0.07	0.07	0.51	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.12	13.09	13.07	13.08	19.22	19.21	19.21	81.07	81.05	81.03
2048-01-12	0.90	0.87	0.92	0.43	0.41	0.43	0.09	0.06	0.06	0.50	0.50	0.52	0.40	0.39	0.42	0.12	0.12	0.12	13.07	13.05	13.06	19.21	19.18	19.19	81.05	81.03	81.01
2048-01-13	0.89	0.86	0.90	0.43	0.40	0.42	0.09	0.06	0.06	0.50	0.49	0.51	0.39	0.39	0.41	0.12	0.11	0.12	13.07	13.04	13.05	19.21	19.18	19.18	81.06	81.03	81.00
2048-01-14	0.88	0.85	0.89	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.51	0.39	0.39	0.40	0.12	0.11	0.12	13.07	13.04	13.04	19.21	19.18	19.17	81.06	81.03	81.00
2048-01-15	0.87	0.85	0.89	0.42	0.39	0.41	0.08	0.06	0.06	0.49	0.48	0.50	0.39	0.38	0.40	0.11	0.11	0.12	10.42	10.39	10.39	16.36	16.33	16.32	69.35	69.32	69.29
2048-01-16	0.87	0.84	0.88	0.42	0.39	0.41	0.08	0.06	0.06	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.42	10.40	10.38	16.36	16.34	16.32	69.35	69.32	69.29
2048-01-17	0.86	0.84	0.87	0.41	0.39	0.41	0.08	0.06	0.06	0.48	0.48	0.50	0.38	0.38	0.39	0.11	0.11	0.12	10.43	10.40	10.39	16.37	16.34	16.32	69.35	69.33	69.29
2048-01-18	0.85	0.83	0.86	0.41	0.39	0.40	0.08	0.06	0.07	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.11	10.43	10.40	10.39	16.37	16.34	16.33	69.35	69.33	69.29
2048-01-19	0.85	0.83	0.86	0.41	0.39	0.40	0.08	0.07	0.07	0.47	0.47	0.49	0.38	0.37	0.39	0.11	0.11	0.12	10.43	10.41	10.40	16.37	16.35	16.33	69.35	69.34	69.30
2048-01-20	0.84	0.82	0.85	0.40	0.39	0.40	0.08	0.06	0.06	0.47	0.47	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.43	10.41	10.39	16.37	16.35	16.33	69.36	69.33	69.29
2048-01-21	0.83	0.82	0.84	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.43	10.41	10.39	16.37	16.35	16.33	69.36	69.33	69.29
2048-01-22	0.83	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.38	0.11	0.11	0.11	10.43	10.40	10.39	16.37	16.34	16.33	69.36	69.33	69.29
2048-01-23	0.82	0.80	0.83	0.40	0.37	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.37	0.11	0.11	0.11	10.43	10.41	10.39	16.37	16.35	16.33	69.36	69.33	69.29
2048-01-24	0.82	0.80	0.82	0.39	0.38	0.39	0.08	0.06	0.06	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.43	10.41	10.40	16.37	16.35	16.33	69.36	69.34	69.30
2048-01-25	0.81	0.80	0.82	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.44	10.42	10.40	16.38	16.36	16.34	69.36	69.34	69.30
2048-01-26	0.81	0.80	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	10.44	10.42	10.40	16.38	16.36	16.34	69.36	69.34	69.31
2048-01-27	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.11	0.11	10.44	10.42	10.40	16.38	16.36	16.34	69.36	69.34	69.31
2048-01-28	0.80	0.79	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.35	0.36	0.11	0.10	0.11	10.44	10.42	10.40	16.38	16.36	16.34	69.36	69.34	69.31
2048-01-29	0.80	0.78	0.80	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.11	10.44	10.42	10.40	16.38	16.36	16.34	69.37	69.34	69.30
2048-01-30	0.79	0.77	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.44	10.41	10.40	16.38	16.35	16.34	69.37	69.34	69.30
2048-01-31	0.79	0.78	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.44	10.42	10.40	16.38	16.36	16.34	69.37	69.34	69.31
2048-02-01	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.44	10.42	10.51	16.38	16.36	16.50	69.37	69.35	70.02
2048-02-02	0.79	0.78	0.83	0.38	0.37	0.39	0.08	0.06	0.06	0.44	0.44	0.47	0.35	0.35	0.38	0.10	0.10	0.11	10.44	10.43	10.58	16.38	16.37	16.57	69.37	69.35	70.09
2048-02-03	0.80	0.78	0.91	0.38	0.37	0.43	0.08	0.06	0.07	0.44	0.44	0.51	0.35	0.35	0.41	0.10	0.10	0.12	10.45	10.43	10.67	16.39	16.37	16.67	69.37	69.35	70.19
2048-02-04	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.07	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.45	10.43	10.52	16.39	16.37	16.52	69.37	69.35	70.04
2048-02-05	0.80	0.78	0.80	0.38	0.37	0.38	0.08	0.06	0.07	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.11	10.45	10.43	10.51	16.39	16.37	16.50	69.37	69.36	70.02
2048-02-06	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.11	10.45	10.43	10.50	16.39	16.37	16.50	69.37	69.36	70.02
2048-02-07	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.11	10.45	10.43	10.50	16.39	16.37	16.50	69.38	69.36	70.02
2048-02-08	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.50	16.39	16.37	16.50	69.38	69.36	70.02
2048-02-09	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.45	10.43	10.50	16.39	16.37	16.50	69.38	69.36	70.02

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2048-03-09	1.00	0.98	1.83	0.48	0.46	0.84	0.10	0.07	0.12	0.56	0.56	1.05	0.45	0.44	0.84	0.13	0.13	0.25	10.71	10.68	25.34	15.62	15.59	37.43	65.72	65.69	160.91
2048-03-10	0.99	0.97	1.81	0.47	0.45	0.84	0.09	0.07	0.12	0.55	0.55	1.04	0.44	0.44	0.83	0.13	0.13	0.25	10.69	10.67	25.32	15.60	15.57	37.41	65.70	65.67	160.90
2048-03-11	0.97	0.95	1.91	0.47	0.45	0.88	0.09	0.07	0.12	0.54	0.54	1.10	0.43	0.43	0.88	0.13	0.13	0.26	10.68	10.65	25.48	15.58	15.55	37.57	65.68	65.65	161.05
2048-03-12	1.02	0.99	2.82	0.49	0.46	1.27	0.10	0.07	0.13	0.57	0.57	1.66	0.45	0.45	1.32	0.13	0.13	0.39	10.74	10.71	26.79	15.65	15.62	38.88	65.75	65.72	162.37
2048-03-13	1.74	1.66	4.85	0.83	0.76	2.19	0.17	0.09	0.23	0.97	0.97	2.86	0.77	0.78	2.28	0.23	0.23	0.69	11.88	11.80	29.41	16.78	16.71	41.50	66.88	66.81	164.98
2048-03-14	2.27	2.19	6.69	1.09	1.01	3.05	0.22	0.14	0.36	1.27	1.27	3.92	1.01	1.02	3.13	0.30	0.31	0.95	12.66	12.59	31.54	17.57	17.49	43.63	67.67	67.59	167.11
2048-03-15	1.71	1.71	7.12	0.82	0.82	3.31	0.16	0.17	0.49	0.95	0.96	4.11	0.76	0.77	3.28	0.23	0.24	0.99	15.65	15.66	41.43	22.51	22.52	58.34	87.90	87.91	219.52
2048-03-16	1.57	1.53	6.52	0.75	0.71	3.03	0.15	0.11	0.45	0.88	0.87	3.75	0.70	0.69	2.99	0.21	0.21	0.89	15.43	15.38	40.94	22.29	22.24	57.85	87.68	87.64	219.02
2048-03-17	1.50	1.46	5.36	0.72	0.68	2.48	0.14	0.10	0.35	0.84	0.84	3.08	0.67	0.67	2.46	0.20	0.20	0.73	15.34	15.29	39.56	22.20	22.15	56.46	87.59	87.54	217.64
2048-03-18	1.45	1.40	4.54	0.69	0.65	2.10	0.14	0.09	0.29	0.81	0.80	2.61	0.64	0.64	2.08	0.19	0.19	0.62	15.26	15.21	38.55	22.12	22.07	55.46	87.51	87.46	216.63
2048-03-19	1.40	1.35	4.12	0.67	0.63	1.90	0.13	0.09	0.25	0.78	0.78	2.38	0.62	0.62	1.90	0.18	0.18	0.56	15.19	15.14	38.07	22.05	22.00	54.98	87.44	87.39	216.15
2048-03-20	1.35	1.31	3.91	0.65	0.61	1.80	0.13	0.09	0.24	0.75	0.75	2.26	0.60	0.60	1.80	0.18	0.18	0.54	15.12	15.08	37.84	21.98	21.94	54.75	87.37	87.33	215.93
2048-03-21	1.31	1.27	3.56	0.63	0.59	1.64	0.13	0.09	0.22	0.73	0.73	2.05	0.58	0.58	1.64	0.17	0.17	0.49	15.06	15.02	37.39	21.92	21.88	54.30	87.31	87.27	215.47
2048-03-22	1.27	1.23	3.18	0.61	0.57	1.47	0.12	0.09	0.20	0.71	0.71	1.83	0.56	0.56	1.46	0.17	0.17	0.43	15.00	14.96	36.86	21.86	21.82	53.77	87.25	87.21	214.95
2048-03-23	1.23	1.20	2.86	0.59	0.56	1.32	0.12	0.08	0.18	0.69	0.69	1.65	0.55	0.55	1.31	0.16	0.16	0.39	14.95	14.91	36.43	21.81	21.77	53.34	87.20	87.16	214.52
2048-03-24	1.20	1.17	2.61	0.58	0.54	1.20	0.12	0.08	0.17	0.67	0.67	1.50	0.53	0.53	1.20	0.16	0.16	0.35	14.91	14.87	36.08	21.77	21.73	52.99	87.16	87.12	214.17
2048-03-25	1.17	1.14	2.40	0.56	0.53	1.11	0.11	0.08	0.16	0.65	0.65	1.38	0.52	0.52	1.10	0.15	0.15	0.33	14.86	14.83	35.79	21.72	21.69	52.70	87.11	87.08	213.88
2048-03-26	1.15	1.12	2.35	0.55	0.52	1.08	0.11	0.08	0.15	0.64	0.64	1.36	0.51	0.51	1.08	0.15	0.15	0.32	14.82	14.79	35.70	21.68	21.65	52.61	87.08	87.04	213.78
2048-03-27	1.13	1.10	2.65	0.54	0.51	1.22	0.11	0.08	0.17	0.63	0.63	1.54	0.50	0.50	1.23	0.15	0.15	0.37	14.80	14.77	36.05	21.66	21.63	52.96	87.05	87.02	214.13
2048-03-28	1.13	1.11	3.33	0.54	0.52	1.53	0.11	0.09	0.21	0.63	0.63	1.94	0.50	0.50	1.55	0.15	0.15	0.47	14.80	14.78	36.75	21.66	21.64	53.65	87.05	87.03	214.83
2048-03-29	1.15	1.13	3.80	0.55	0.53	1.75	0.11	0.09	0.24	0.64	0.64	2.21	0.51	0.51	1.76	0.15	0.15	0.53	14.84	14.81	37.23	21.70	21.67	54.14	87.09	87.06	215.32
2048-03-30	1.21	1.19	4.37	0.58	0.56	2.01	0.12	0.10	0.27	0.67	0.68	2.54	0.54	0.54	2.03	0.16	0.16	0.62	14.94	14.92	37.89	21.80	21.78	54.80	87.19	87.17	215.97
2048-03-31	1.44	1.40	5.03	0.69	0.66	2.32	0.14	0.11	0.32	0.80	0.81	2.92	0.64	0.64	2.33	0.19	0.20	0.71	15.31	15.27	38.64	22.17	22.13	55.55	87.56	87.53	216.73
2048-04-01	1.75	1.71	6.05	0.84	0.80	2.79	0.17	0.13	0.38	0.98	0.99	3.52	0.78	0.79	2.81	0.23	0.24	0.85	15.80	15.76	35.42	22.66	22.62	50.06	88.05	88.01	189.54
2048-04-02	1.86	1.82	8.52	0.89	0.86	4.76	0.18	0.14	0.49	1.04	1.04	4.23	0.82	0.83	3.41	0.24	0.26	1.16	15.92	15.89	36.49	22.78	22.75	51.12	88.17	88.15	190.61
2048-04-03	2.11	2.05	7.49	1.01	0.95	3.18	0.20	0.14	0.50	1.17	1.18	4.53	0.94	0.94	3.60	0.28	0.29	1.01	16.24	16.18	38.04	23.10	23.04	52.68	88.49	88.44	192.16
2048-04-04	2.79	2.68	8.88	1.34	1.23	3.77	0.27	0.16	0.60	1.56	1.56	5.38	1.24	1.25	4.26	0.37	0.38	1.20	17.21	17.11	39.33	24.07	23.97	53.96	89.46	89.36	193.45
2048-04-05	3.32	3.20	10.26	1.60	1.48	4.46	0.32	0.20	0.78	1.85	1.86	6.20	1.48	1.48	4.93	0.44	0.45	1.46	17.94	17.82	41.20	24.80	24.68	55.83	90.19	90.07	195.32
2048-04-06	3.29	3.22	9.66	1.58	1.51	4.11	0.32	0.25	0.70	1.84	1.84	5.94	1.46	1.47	4.73	0.43	0.44	1.40	17.89	17.82	41.37	24.75	24.68	56.00	90.14	90.07	195.49
2048-04-07	2.89	2.80	8.00	1.39	1.30	3.63	0.28	0.19	0.40	1.61	1.61	4.68	1.29	1.28	3.72	0.38	0.38	1.10	17.36	17.26	38.82	24.22	24.12	53.45	89.61	89.51	192.94
2048-04-08	2.64	2.55	6.55	1.27	1.18	3.03	0.25	0.16	0.44	1.47	1.47	3.76	1.17	1.17	2.99	0.35	0.35	0.89	17.00	16.90	36.86	23.86	23.76	51.49	89.25	89.16	190.98
2048-04-09	2.49	2.40	6.20	1.19	1.11	2.84	0.24	0.15	0.36	1.39	1.38	3.59	1.10	1.10	2.86	0.33	0.33	0.85	16.79	16.69	36.46	23.65	23.55	51.09	89.04	88.94	190.58
2048-04-10	2.35	2.27	6.17	1.13	1.05	2.83	0.23	0.15	0.37	1.31	1.31	3.57	1.04	1.04	2.85	0.31	0.31	0.84	16.59	16.51	36.41	23.45	23.37	51.04	88.84	88.76	190.53
2048-04-11	2.19	2.12	5.82	1.05	0.98	2.67	0.21	0.14	0.34	1.22	1.22	3.37	0.97	0.97	2.69	0.29	0.29	0.80	16.36	16.28	35.96	23.22	23.14	50.59	88.61	88.54	190.08
2048-04-12	2.05	1.98	6.22	0.98	0.92	2.83	0.20	0.13	0.32	1.14	1.14	3.63	0.91	0.91	2.89	0.27	0.27	0.86	16.16	16.08	36.62	23.02	22.94	51.26	88.41	88.33	190.74
2048-04-13	1.92	1.86	6.11	0.92	0.86	2.80	0.18	0.12	0.35	1.07	1.07	3.54	0.85	0.85	2.82	0.25	0.25	0.84	15.98	15.91	36.56	22.84	22.77	51.20	88.23	88.16	190.68
2048-04-14	1.82	1.76	5.12	0.87	0.81	2.37	0.17	0.11	0.33	1.02	1.01	2.94	0.81	0.81	2.35	0.24	0.24	0.70	15.83	15.76	35.24	22.69	22.62	49.88	88.08	88.01	189.36
2048-04-15	1.73	1.67	4.36	0.83	0.77	2.02	0.17	0.11	0.28	0.96	0.96	2.51	0.77	0.76	2.00	0.23	0.23	0.59	15.67	15.61	34.97	22.57	22.50	49.61	87.94	87.87	189.09
2048-04-16	1.65	1.59	3.55	0.79	0.74	1.51	0.16	0.11	0.24	0.92	0.91	2.18	0.73	0.73	1.74	0.22	0.22	0.51	15.55	15.49	34.70	22.47	22.40	49.44	87.84	87.77	188.82
2048-04-17	1.57	1.53	3.23	0.76	0.71	1.37	0.15	0.10	0.22	0.88	0.87	1.99	0.70	0.70	1.58	0.21	0.21	0.47	15.44	15.39	34.43	22.37	22.30	49.17	87.74	87.67	188.55
2048-04-18	1.67	1.61	3.30	0.80	0.74	1.40	0.16	0.10	0.24	0.93	0.93	2.03	0.74	0.74	1.62	0.22	0.22	0.48	15.67	15.60	35.00	22.50	22.43	49.74	87.97	87.90	189.12
2048-04-19	2.24	2.17	4.11	1.08	1.00	1.75	0.22	0.14	0.40	1.25	1.26	2.53	1.00	1.00	2.01	0.30	0.31	0.60	17.35	17.28	38.56	24.12	24.04	53.12	89.51	89.43	192.81
2048-04-20	2.23	2.17	4.50	1.07	1.01	1.91	0.21	0.15	0.40	1.24	1.25	2.77	0.99	0.99	2.20	0.29	0.30	0.65	17.35	17.30	38.56	24.12	24.04	53.12	89.51	89.43	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2048-05-19	4.88	4.70	1.72	2.34	2.16	0.80	0.47	0.29	0.12	2.72	2.71	0.98	2.17	2.16	0.78	0.64	0.64	0.23	129.68	129.52	75.20	163.53	163.37	95.07	808.06	807.90	473.41
2048-05-20	4.42	4.26	1.63	2.12	1.96	0.76	0.42	0.26	0.11	2.46	2.45	0.93	1.96	1.95	0.74	0.58	0.58	0.21	129.10	128.96	75.08	162.94	162.80	94.95	807.47	807.33	473.29
2048-05-21	7.97	7.45	4.22	3.83	3.30	1.85	0.76	0.24	0.10	4.45	4.43	2.52	3.54	3.53	2.01	1.05	1.04	0.59	133.85	133.39	79.19	167.70	167.23	99.06	812.23	811.76	477.40
2048-05-22	13.06	12.64	9.81	6.27	5.85	4.65	1.25	0.84	0.83	7.28	7.26	5.52	5.80	5.79	4.40	1.72	1.72	1.30	141.50	141.10	87.64	175.34	174.95	107.51	819.87	819.48	485.85
2048-05-23	8.29	8.16	5.87	3.98	3.85	2.79	0.79	0.67	0.52	4.63	4.61	3.29	3.68	3.67	2.62	1.09	1.09	0.78	134.98	134.84	81.53	168.82	168.68	101.40	813.35	813.21	479.74
2048-05-24	6.60	6.40	4.81	3.17	2.97	2.22	0.63	0.43	0.31	3.68	3.67	2.76	2.93	2.92	2.20	0.87	0.86	0.65	132.91	132.69	80.01	166.75	166.53	99.88	811.28	811.06	478.22
2048-05-25	5.46	5.28	4.13	2.62	2.44	1.91	0.52	0.35	0.27	3.04	3.03	2.37	2.42	2.41	1.89	0.72	0.71	0.56	131.45	131.26	79.00	165.29	165.10	98.86	809.82	809.63	477.20
2048-05-26	4.64	4.49	3.62	2.23	2.07	1.67	0.44	0.29	0.23	2.59	2.58	2.08	2.06	2.05	1.65	0.61	0.61	0.49	130.38	130.21	78.22	164.22	164.05	98.09	808.75	808.58	476.43
2048-05-27	4.03	3.89	3.22	1.93	1.80	1.48	0.39	0.25	0.21	2.25	2.24	1.85	1.79	1.78	1.47	0.53	0.52	0.43	129.56	129.41	77.61	163.40	163.25	97.48	807.93	807.78	475.82
2048-05-28	3.62	3.50	2.90	1.74	1.61	1.34	0.35	0.22	0.19	2.02	2.01	1.66	1.61	1.60	1.32	0.48	0.47	0.39	128.93	128.79	77.13	162.77	162.63	96.99	807.30	807.16	475.33
2048-05-29	3.43	3.30	2.64	1.65	1.52	1.22	0.33	0.20	0.17	1.91	1.90	1.51	1.52	1.52	1.20	0.45	0.45	0.35	128.57	128.44	76.73	162.41	162.28	96.59	806.94	806.81	474.93
2048-05-30	3.73	3.57	2.78	1.79	1.63	1.27	0.36	0.19	0.16	2.08	2.07	1.61	1.66	1.65	1.28	0.49	0.49	0.37	128.98	128.81	76.96	162.82	162.66	96.83	807.35	807.19	475.17
2048-05-31	3.83	3.68	2.91	1.84	1.68	1.33	0.37	0.21	0.17	2.14	2.13	1.68	1.70	1.69	1.33	0.50	0.50	0.39	129.15	128.99	77.17	163.00	162.84	97.03	807.53	807.37	475.37
2048-06-01	3.40	3.28	2.65	1.63	1.52	1.23	0.33	0.21	0.17	1.89	1.88	1.52	1.51	1.50	1.21	0.45	0.44	0.35	128.60	128.47	76.26	162.44	162.31	96.26	806.97	806.84	474.81
2048-06-02	3.06	2.96	2.43	1.47	1.37	1.12	0.29	0.19	0.16	1.71	1.70	1.40	1.36	1.35	1.11	0.40	0.40	0.33	128.14	128.03	75.26	161.99	161.87	95.84	806.52	806.40	474.47
2048-06-03	2.79	2.69	2.25	1.34	1.25	1.04	0.27	0.17	0.15	1.56	1.55	1.29	1.24	1.23	1.03	0.37	0.36	0.30	127.77	127.67	74.64	161.61	161.51	95.16	806.14	806.04	474.19
2048-06-04	2.55	2.47	2.10	1.23	1.14	0.97	0.24	0.16	0.14	1.42	1.42	1.20	1.13	1.13	0.95	0.34	0.33	0.28	127.46	127.36	74.00	161.30	161.21	94.62	805.83	805.74	473.95
2048-06-05	2.36	2.28	1.96	1.13	1.05	0.91	0.23	0.15	0.13	1.32	1.31	1.12	1.05	1.04	0.89	0.31	0.30	0.26	127.20	127.11	73.91	161.04	160.95	94.11	805.57	805.48	473.74
2048-06-06	2.19	2.12	1.85	1.05	0.98	0.85	0.21	0.14	0.12	1.22	1.21	1.06	0.97	0.97	0.84	0.29	0.28	0.24	126.97	126.89	73.01	160.82	160.73	93.49	805.35	805.26	473.57
2048-06-07	2.05	1.99	1.75	0.98	0.92	0.81	0.20	0.13	0.11	1.14	1.14	1.00	0.91	0.90	0.79	0.27	0.26	0.23	126.78	126.70	72.86	160.62	160.55	93.16	805.15	805.07	473.41
2048-06-08	1.93	1.87	1.66	0.93	0.87	0.77	0.18	0.12	0.11	1.08	1.07	0.95	0.86	0.85	0.75	0.25	0.25	0.22	126.61	126.54	72.72	160.45	160.38	92.91	804.98	804.91	473.28
2048-06-09	1.82	1.77	1.58	0.88	0.82	0.73	0.17	0.12	0.11	1.02	1.01	0.90	0.81	0.80	0.72	0.24	0.23	0.21	126.46	126.39	72.60	160.31	160.24	92.82	804.84	804.77	473.16
2048-06-10	1.75	1.69	1.52	0.84	0.78	0.70	0.17	0.11	0.10	0.98	0.97	0.86	0.78	0.77	0.69	0.23	0.22	0.20	126.35	126.29	72.50	160.20	160.13	92.74	804.73	804.66	473.05
2048-06-11	1.68	1.63	1.46	0.81	0.76	0.68	0.16	0.11	0.10	0.94	0.93	0.83	0.75	0.74	0.66	0.22	0.22	0.19	126.25	126.19	72.40	160.09	160.03	92.66	804.62	804.56	472.96
2048-06-12	1.62	1.57	1.40	0.78	0.73	0.65	0.16	0.11	0.09	0.90	0.90	0.80	0.72	0.71	0.63	0.21	0.21	0.18	126.16	126.10	72.32	160.00	159.94	92.58	804.53	804.47	472.87
2048-06-13	1.56	1.52	1.35	0.75	0.71	0.63	0.15	0.11	0.09	0.87	0.86	0.77	0.69	0.69	0.61	0.21	0.20	0.18	126.08	126.02	72.24	159.92	159.87	92.50	804.45	804.40	472.80
2048-06-14	1.50	1.46	1.31	0.72	0.68	0.61	0.14	0.10	0.09	0.84	0.83	0.74	0.67	0.66	0.59	0.20	0.19	0.17	125.99	125.94	72.17	159.83	159.78	92.43	804.36	804.31	472.73
2048-06-15	1.44	1.40	1.27	0.69	0.65	0.59	0.14	0.10	0.09	0.81	0.80	0.72	0.64	0.63	0.57	0.19	0.18	0.16	125.91	125.86	72.10	159.74	159.69	92.36	804.27	804.22	472.66
2048-06-16	1.39	1.35	1.23	0.67	0.63	0.57	0.13	0.09	0.08	0.78	0.77	0.70	0.62	0.61	0.55	0.18	0.18	0.16	125.83	125.78	72.03	159.65	159.60	92.29	804.18	804.13	472.59
2048-06-17	1.35	1.31	1.20	0.65	0.61	0.56	0.13	0.09	0.08	0.75	0.74	0.68	0.60	0.59	0.54	0.18	0.17	0.15	125.75	125.70	71.96	159.56	159.51	92.22	804.09	804.04	472.52
2048-06-18	16.16	14.70	9.26	7.75	6.30	3.98	1.55	0.09	0.08	9.01	9.01	5.65	7.18	7.17	4.50	2.13	2.11	1.32	152.21	150.72	108.79	184.70	183.21	132.71	931.25	929.76	682.47
2048-06-19	52.16	50.02	29.76	25.04	22.89	13.79	5.00	2.85	1.99	29.10	29.04	17.11	23.17	23.14	13.63	6.87	6.87	4.06	207.98	205.81	140.80	240.47	238.30	164.72	987.02	984.85	714.48
2048-06-20	23.23	22.99	15.87	11.15	10.91	7.89	2.23	1.99	1.99	12.96	12.94	8.56	10.32	10.31	6.82	3.06	3.07	2.04	163.46	163.23	118.40	195.95	195.71	142.32	942.50	942.26	692.08
2048-06-21	14.46	15.06	11.71	6.94	7.54	6.12	1.39	1.99	1.99	8.07	8.06	6.00	6.42	6.43	4.78	1.90	1.92	1.43	149.95	150.53	111.59	182.44	183.01	135.51	928.99	929.56	685.27
2048-06-22	10.27	9.64	7.56	4.93	4.30	3.32	0.98	0.36	0.19	5.73	5.71	4.53	4.56	4.54	3.61	1.35	1.34	1.07	143.48	142.77	105.99	175.96	175.26	129.91	922.51	921.81	679.67
2048-06-23	8.87	8.37	6.62	4.26	3.76	3.00	0.85	0.35	0.32	4.95	4.93	3.87	3.94	3.93	3.08	1.17	1.16	0.91	141.31	140.77	104.38	173.80	173.26	128.31	920.35	919.81	678.07
2048-06-24	7.84	7.74	5.97	3.76	3.66	2.81	0.75	0.65	0.47	4.37	4.36	3.38	3.48	3.47	2.69	1.03	1.03	0.80	139.70	139.57	103.25	172.19	172.05	127.18	918.74	918.60	676.94
2048-06-25	6.30	6.10	4.92	3.03	2.83	2.27	0.60	0.41	0.32	3.52	3.50	2.83	2.80	2.79	2.25	0.83	0.82	0.66	137.32	137.09	101.65	169.81	169.58	125.57	916.36	916.13	675.33
2048-06-26	5.24	5.07	4.22	2.52	2.35	1.95	0.50	0.33	0.27	2.93	2.91	2.42	2.33	2.32	1.93	0.69	0.69	0.57	135.68	135.48	100.54	168.17	167.97	124.46	914.72	914.52	674.22
2048-06-27	4.48	4.33	3.68	2.15	2.00	1.70	0.43	0.28	0.23	2.50	2.49	2.12	1.99	1.98	1.68	0.59	0.58	0.50	134.49	134.31	99.70	166.98	166.80	123.62	913.53	913.35	673.38
2048-06-28	3.90	3.77	3.27	1.87	1.74	1.51	0.37	0.24	0.21	2.18	2.17	1.88	1.73	1.72	1.49	0.51	0.51	0.44	133.59	133.44	99.04	166.08	165.92	122.97	912.63	912.47	672.73
2048-06-29	3.45	3.34	2.94	1.66	1.54	1.35	0.33	0.21	0.19	1.93	1.92	1.69	1.53	1.53	1.34	0.45	0.45	0.39	132.90	132.76	98.52	165.38	1				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2048-07-29	1.27	1.23	1.19	0.61	0.58	0.56	0.12	0.09	0.09	0.71	0.70	0.68	0.56	0.56	0.54	0.17	0.16	0.16	54.83	54.79	52.54	73.59	73.55	70.53	449.69	449.64	431.09
2048-07-30	1.23	1.20	1.16	0.59	0.56	0.54	0.12	0.08	0.08	0.69	0.68	0.66	0.55	0.54	0.52	0.16	0.16	0.15	54.78	54.73	52.49	73.54	73.49	70.48	449.63	449.59	431.04
2048-07-31	2.26	2.12	2.14	1.08	0.95	0.95	0.22	0.08	0.08	1.26	1.25	1.26	1.00	0.99	1.00	0.30	0.29	0.29	56.38	56.23	54.07	75.14	74.99	72.05	451.24	451.08	432.62
2048-08-01	4.01	3.86	3.95	1.93	1.77	1.82	0.38	0.23	0.25	2.24	2.23	2.27	1.78	1.77	1.81	0.53	0.52	0.53	59.12	58.94	55.15	77.88	77.70	72.51	453.98	453.80	420.67
2048-08-02	2.30	2.30	2.30	1.10	1.10	1.10	0.22	0.22	0.22	1.28	1.28	1.27	1.02	1.02	1.01	0.30	0.30	0.30	56.45	56.43	52.50	75.21	75.19	69.86	451.30	451.29	418.02
2048-08-03	2.14	2.07	2.07	1.03	0.96	0.96	0.21	0.14	0.13	1.20	1.19	1.18	0.95	0.94	0.94	0.28	0.28	0.27	56.20	56.12	52.18	74.96	74.88	69.55	451.06	450.97	417.70
2048-08-04	2.51	2.40	2.29	1.21	1.09	1.05	0.24	0.13	0.13	1.40	1.39	1.33	1.12	1.11	1.06	0.33	0.32	0.31	56.78	56.65	52.55	75.54	75.41	69.92	451.63	451.50	418.07
2048-08-05	3.60	3.41	2.89	1.73	1.54	1.32	0.35	0.16	0.15	2.01	2.00	1.68	1.60	1.59	1.34	0.47	0.47	0.39	58.48	58.27	53.51	77.24	77.03	70.87	453.34	453.13	419.03
2048-08-06	3.01	2.93	2.59	1.45	1.37	1.20	0.29	0.21	0.18	1.68	1.67	1.48	1.34	1.33	1.18	0.40	0.39	0.35	57.56	57.46	52.99	76.32	76.22	70.36	452.42	452.32	418.51
2048-08-07	2.74	2.65	2.37	1.32	1.23	1.10	0.26	0.17	0.15	1.53	1.52	1.36	1.22	1.21	1.08	0.36	0.35	0.32	57.14	57.03	52.66	75.90	75.79	70.03	451.99	451.88	418.18
2048-08-08	2.52	2.43	2.20	1.21	1.12	1.01	0.24	0.16	0.14	1.40	1.39	1.26	1.12	1.11	1.00	0.33	0.32	0.29	56.78	56.68	52.38	75.54	75.44	69.75	451.64	451.54	417.90
2048-08-09	2.33	2.25	2.05	1.12	1.04	0.95	0.22	0.15	0.13	1.30	1.29	1.17	1.03	1.02	0.93	0.31	0.30	0.27	56.49	56.39	52.15	75.25	75.15	69.52	451.34	451.25	417.67
2048-08-10	2.17	2.10	1.93	1.04	0.97	0.89	0.21	0.14	0.13	1.21	1.20	1.10	0.96	0.95	0.88	0.29	0.28	0.26	56.24	56.15	51.96	75.00	74.91	69.32	451.09	451.01	417.47
2048-08-11	2.03	1.96	1.81	0.97	0.91	0.84	0.19	0.13	0.12	1.13	1.12	1.04	0.90	0.89	0.82	0.27	0.26	0.24	56.02	55.94	51.78	74.78	74.70	69.15	450.88	450.80	417.30
2048-08-12	1.91	1.85	1.72	0.92	0.86	0.80	0.18	0.12	0.11	1.07	1.06	0.98	0.85	0.84	0.78	0.25	0.24	0.23	55.84	55.76	51.63	74.60	74.52	68.99	450.69	450.61	417.15
2048-08-13	1.81	1.75	1.64	0.87	0.81	0.76	0.17	0.12	0.11	1.01	1.00	0.93	0.80	0.79	0.74	0.24	0.23	0.22	55.68	55.60	51.50	74.43	74.36	68.86	450.53	450.46	417.01
2048-08-14	1.71	1.66	1.56	0.82	0.77	0.72	0.16	0.11	0.10	0.96	0.95	0.89	0.76	0.75	0.71	0.23	0.22	0.21	55.53	55.47	51.38	74.29	74.22	68.75	450.39	450.32	416.90
2048-08-15	1.63	1.58	1.50	0.78	0.73	0.69	0.16	0.11	0.10	0.91	0.90	0.85	0.73	0.72	0.68	0.22	0.21	0.20	28.65	28.59	26.51	39.10	39.03	36.18	215.19	215.13	199.19
2048-08-16	1.56	1.52	1.44	0.75	0.70	0.67	0.15	0.10	0.10	0.87	0.86	0.82	0.69	0.69	0.65	0.21	0.20	0.19	28.54	28.48	26.42	38.99	38.92	36.08	215.08	215.02	199.10
2048-08-17	1.50	1.46	1.39	0.72	0.68	0.64	0.14	0.10	0.10	0.84	0.83	0.79	0.67	0.66	0.63	0.20	0.19	0.18	28.44	28.39	26.33	38.89	38.83	36.00	214.98	214.93	199.01
2048-08-18	1.44	1.40	1.34	0.69	0.65	0.62	0.14	0.10	0.09	0.81	0.80	0.76	0.64	0.63	0.60	0.19	0.18	0.17	28.36	28.30	26.26	38.80	38.74	35.93	214.89	214.84	198.94
2048-08-19	1.39	1.35	1.29	0.67	0.63	0.60	0.13	0.09	0.09	0.78	0.77	0.73	0.62	0.61	0.58	0.18	0.18	0.17	28.28	28.22	26.19	38.72	38.66	35.86	214.81	214.76	198.87
2048-08-20	1.35	1.31	1.26	0.65	0.61	0.58	0.13	0.09	0.09	0.75	0.74	0.71	0.60	0.59	0.57	0.18	0.17	0.16	28.20	28.15	26.13	38.65	38.59	35.80	214.74	214.69	198.81
2048-08-21	1.30	1.27	1.22	0.63	0.59	0.57	0.13	0.09	0.09	0.73	0.72	0.69	0.58	0.57	0.55	0.17	0.17	0.16	28.14	28.09	26.07	38.58	38.53	35.74	214.68	214.63	198.75
2048-08-22	1.27	1.23	1.19	0.61	0.57	0.55	0.12	0.09	0.08	0.71	0.70	0.67	0.56	0.56	0.53	0.17	0.16	0.15	28.08	28.03	26.02	38.52	38.47	35.69	214.62	214.57	198.70
2048-08-23	1.31	1.27	1.20	0.63	0.59	0.56	0.13	0.09	0.08	0.73	0.72	0.68	0.58	0.57	0.54	0.17	0.17	0.16	28.15	28.10	26.05	38.59	38.54	35.72	214.69	214.63	198.73
2048-08-24	1.80	1.72	1.44	0.86	0.78	0.66	0.17	0.09	0.09	1.00	0.99	0.83	0.80	0.79	0.66	0.24	0.23	0.19	28.91	28.81	26.43	39.35	39.26	36.10	215.45	215.35	199.11
2048-08-25	1.97	1.90	1.60	0.94	0.88	0.74	0.19	0.12	0.10	1.10	1.09	0.91	0.87	0.87	0.73	0.26	0.25	0.21	29.18	29.09	26.67	39.62	39.53	36.34	215.71	215.63	199.35
2048-08-26	1.61	1.58	1.39	0.77	0.74	0.65	0.15	0.12	0.10	0.90	0.89	0.79	0.72	0.71	0.63	0.21	0.21	0.18	28.62	28.57	26.34	39.06	39.01	36.01	215.16	215.11	199.02
2048-08-27	1.54	1.50	1.34	0.74	0.69	0.62	0.15	0.10	0.09	0.86	0.85	0.76	0.69	0.68	0.60	0.20	0.20	0.17	28.51	28.45	26.26	38.95	38.89	35.93	215.05	214.99	198.94
2048-08-28	1.48	1.44	1.29	0.71	0.67	0.60	0.14	0.10	0.09	0.83	0.82	0.73	0.66	0.65	0.58	0.20	0.19	0.17	28.42	28.36	26.19	38.86	38.80	35.86	214.95	214.90	198.87
2048-08-29	1.43	1.39	1.26	0.69	0.65	0.58	0.14	0.10	0.09	0.80	0.79	0.71	0.63	0.63	0.57	0.19	0.18	0.16	28.33	28.28	26.13	38.77	38.72	35.80	214.87	214.82	198.81
2048-08-30	1.38	1.34	1.22	0.66	0.62	0.57	0.13	0.10	0.09	0.77	0.76	0.69	0.61	0.60	0.55	0.18	0.18	0.16	28.25	28.20	26.08	38.70	38.65	35.74	214.79	214.74	198.75
2048-08-31	1.33	1.30	1.19	0.64	0.60	0.55	0.13	0.09	0.08	0.74	0.74	0.67	0.59	0.58	0.53	0.18	0.17	0.15	28.18	28.13	26.02	38.63	38.58	35.69	214.72	214.67	198.70
2048-09-01	1.29	1.26	1.16	0.62	0.59	0.54	0.12	0.09	0.08	0.72	0.71	0.66	0.57	0.57	0.52	0.17	0.16	0.15	28.12	28.07	26.01	38.56	38.51	42.46	214.66	214.61	238.31
2048-09-02	1.26	1.22	1.13	0.60	0.57	0.53	0.12	0.09	0.08	0.70	0.69	0.64	0.56	0.55	0.51	0.17	0.16	0.15	28.06	28.02	26.00	38.50	38.46	42.42	214.60	214.55	238.27
2048-09-03	1.22	1.19	1.11	0.59	0.55	0.52	0.12	0.08	0.08	0.68	0.67	0.63	0.54	0.54	0.50	0.16	0.15	0.14	28.01	27.96	26.00	38.45	38.41	42.38	214.55	214.50	238.23
2048-09-04	1.19	1.16	1.08	0.57	0.54	0.51	0.11	0.08	0.08	0.66	0.66	0.61	0.53	0.52	0.49	0.16	0.15	0.14	27.96	27.92	26.00	38.40	38.36	42.34	214.50	214.46	238.19
2048-09-05	1.25	1.21	1.14	0.60	0.56	0.53	0.12	0.08	0.08	0.70	0.69	0.65	0.55	0.55	0.52	0.16	0.16	0.15	28.05	28.00	26.00	38.49	38.44	42.43	214.59	214.54	238.29
2048-09-06	3.09	2.89	3.07	1.48	1.28	1.36	0.30	0.09	0.09	1.73	1.72	1.83	1.37	1.36	1.46	0.41	0.40	0.43	30.93	30.70	33.93	41.37	41.14	45.55	217.47	217.24	241.40
2048-09-07	5.38	5.18	5.73	2.58	2.38	2.65	0.52	0.31	0.38	3.00	2.99	3.29	2.39	2.38	2.62	0.71	0.71	0.78	34.51	34.27	38.05	44.95	44.72	49.66	221.05	220.81	245.52
2048-09-08	3.27	3.25	3.49	1.57	1.55	1.67	0.31	0.29	0.32	1.83	1.82	1.95	1.45	1.45	1.55	0.43	0.43	0.46	31.21	31.17	34.47	41.66	41.62	46.08	217.75	217.71	241.94
2048-09-09	2.95	2.85	3.03	1.42	1.32	1.40	0.28	0.18	0.20	1.65	1.64	1.74	1.31	1.30	1.39	0.39	0.38	0.41									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2048-10-08	2.85	2.58	3.02	1.37	1.09	1.40	0.27	0.00	0.20	1.59	1.58	1.74	1.27	1.26	1.38	0.38	0.37	0.41	21.36	21.06	23.44	30.32	30.02	33.33	157.55	157.25	173.86
2048-10-09	2.83	2.56	3.02	1.36	1.09	1.39	0.27	0.00	0.18	1.58	1.57	1.75	1.26	1.25	1.39	0.37	0.36	0.41	21.33	21.03	23.45	30.29	29.99	33.34	157.52	157.22	173.87
2048-10-10	2.79	2.53	3.02	1.34	1.07	1.39	0.27	0.00	0.18	1.56	1.55	1.74	1.24	1.23	1.39	0.37	0.36	0.41	21.27	20.98	23.44	30.23	29.94	33.34	157.46	157.17	173.86
2048-10-11	2.56	2.31	2.75	1.23	0.98	1.27	0.25	0.00	0.18	1.43	1.42	1.58	1.14	1.13	1.26	0.34	0.33	0.37	20.91	20.64	23.00	29.86	29.60	32.90	157.09	156.83	173.42
2048-10-12	2.36	2.17	2.51	1.13	0.94	1.16	0.23	0.03	0.16	1.32	1.31	1.44	1.05	1.04	1.15	0.31	0.30	0.34	20.60	20.39	22.64	29.56	29.35	32.53	156.79	156.58	173.06
2048-10-13	2.20	2.13	2.32	1.05	0.98	1.07	0.21	0.14	0.15	1.23	1.22	1.33	0.98	0.97	1.06	0.29	0.28	0.31	20.34	20.25	22.33	29.30	29.21	32.22	156.53	156.44	172.75
2048-10-14	2.08	2.01	2.20	1.00	0.93	1.02	0.20	0.13	0.14	1.16	1.15	1.26	0.92	0.92	1.00	0.27	0.27	0.29	20.16	20.08	22.14	29.12	29.03	32.04	156.35	156.26	172.56
2048-10-15	1.98	1.92	2.12	0.95	0.89	0.98	0.19	0.13	0.14	1.10	1.09	1.21	0.88	0.87	0.96	0.26	0.25	0.28	19.93	19.85	21.92	27.90	27.82	30.73	136.96	136.88	151.19
2048-10-16	1.87	2.05	1.99	0.90	1.08	0.92	0.18	0.36	0.13	1.04	1.03	1.14	0.83	0.82	0.91	0.25	0.24	0.27	19.75	19.94	21.73	27.73	27.92	30.54	136.79	136.98	150.99
2048-10-17	1.77	1.60	1.88	0.85	0.68	0.87	0.17	0.00	0.13	0.99	0.98	1.07	0.79	0.78	0.85	0.23	0.23	0.25	19.60	19.41	21.54	27.57	27.39	30.35	136.63	136.45	150.81
2048-10-18	1.68	1.52	1.77	0.81	0.65	0.82	0.16	0.00	0.12	0.94	0.93	1.01	0.75	0.74	0.81	0.22	0.21	0.23	19.46	19.29	21.38	27.44	27.26	30.19	136.50	136.32	150.64
2048-10-19	1.61	1.54	1.68	0.77	0.71	0.78	0.15	0.09	0.11	0.90	0.89	0.96	0.71	0.71	0.76	0.21	0.20	0.22	19.34	19.24	21.24	27.32	27.21	30.05	136.38	136.27	150.50
2048-10-20	1.54	1.49	1.60	0.74	0.69	0.74	0.15	0.09	0.11	0.86	0.85	0.91	0.68	0.68	0.73	0.20	0.20	0.21	19.24	19.17	21.11	27.21	27.15	29.92	136.27	136.21	150.38
2048-10-21	1.48	1.44	1.53	0.71	0.67	0.71	0.14	0.10	0.11	0.82	0.82	0.87	0.66	0.65	0.69	0.19	0.19	0.20	19.14	19.09	21.00	27.12	27.06	29.81	136.18	136.12	150.27
2048-10-22	1.42	1.38	1.47	0.68	0.64	0.68	0.14	0.10	0.10	0.79	0.79	0.84	0.63	0.63	0.67	0.19	0.18	0.19	19.06	19.01	20.90	27.03	26.98	29.71	136.09	136.04	150.17
2048-10-23	1.37	1.34	1.42	0.66	0.62	0.66	0.13	0.09	0.10	0.77	0.76	0.81	0.61	0.60	0.64	0.18	0.17	0.19	18.98	18.93	20.82	26.96	26.90	29.62	136.02	135.96	150.08
2048-10-24	1.33	1.29	1.37	0.64	0.60	0.64	0.13	0.09	0.10	0.74	0.73	0.78	0.59	0.58	0.62	0.18	0.17	0.18	18.91	18.86	20.74	26.89	26.84	29.54	135.95	135.90	150.00
2048-10-25	1.33	1.30	1.39	0.64	0.60	0.64	0.13	0.09	0.09	0.74	0.74	0.79	0.59	0.59	0.63	0.18	0.17	0.18	18.92	18.87	20.78	26.89	26.84	29.58	135.95	135.90	150.04
2048-10-26	1.33	1.30	1.44	0.64	0.61	0.67	0.13	0.09	0.10	0.74	0.74	0.82	0.59	0.59	0.65	0.18	0.17	0.19	18.92	18.87	20.85	26.89	26.85	29.65	135.95	135.91	150.11
2048-10-27	1.29	1.26	1.40	0.62	0.58	0.65	0.12	0.09	0.10	0.72	0.71	0.80	0.57	0.57	0.63	0.17	0.16	0.18	18.86	18.80	20.79	26.83	26.78	29.60	135.89	135.84	150.06
2048-10-28	1.26	1.21	1.34	0.60	0.55	0.62	0.12	0.07	0.08	0.70	0.69	0.76	0.56	0.55	0.61	0.17	0.15	0.17	18.80	18.73	20.70	26.77	26.70	29.51	135.83	135.76	149.96
2048-10-29	1.22	1.18	1.30	0.59	0.54	0.60	0.12	0.07	0.08	0.68	0.67	0.74	0.54	0.53	0.59	0.16	0.15	0.17	18.74	18.68	20.63	26.72	26.66	29.44	135.78	135.72	149.90
2048-10-30	1.19	1.15	1.26	0.57	0.53	0.58	0.11	0.07	0.08	0.66	0.65	0.72	0.53	0.52	0.57	0.16	0.15	0.16	18.70	18.64	20.58	26.67	26.61	29.38	135.73	135.67	149.84
2048-10-31	1.16	1.15	1.26	0.56	0.54	0.60	0.11	0.09	0.11	0.65	0.65	0.71	0.52	0.51	0.57	0.15	0.15	0.17	18.65	18.63	20.57	26.63	26.60	29.37	135.69	135.66	149.83
2048-11-01	1.14	1.10	1.20	0.55	0.51	0.56	0.11	0.08	0.08	0.63	0.62	0.68	0.50	0.50	0.54	0.15	0.14	0.16	18.61	18.56	19.67	26.58	26.54	28.09	135.64	135.60	143.28
2048-11-02	1.11	1.08	1.17	0.53	0.50	0.54	0.11	0.08	0.08	0.62	0.62	0.67	0.49	0.49	0.53	0.15	0.14	0.16	18.57	18.53	19.62	26.55	26.51	28.04	135.61	135.57	143.23
2048-11-03	1.09	1.05	1.13	0.52	0.48	0.52	0.10	0.07	0.07	0.61	0.60	0.65	0.48	0.48	0.52	0.14	0.14	0.15	18.54	18.49	19.56	26.51	26.46	27.98	135.57	135.52	143.17
2048-11-04	1.07	1.03	1.11	0.51	0.48	0.51	0.10	0.07	0.07	0.60	0.59	0.63	0.47	0.47	0.50	0.14	0.14	0.15	18.51	18.46	19.52	26.48	26.43	27.95	135.54	135.49	143.13
2048-11-05	1.05	1.01	1.08	0.50	0.47	0.50	0.10	0.06	0.07	0.59	0.58	0.62	0.47	0.46	0.49	0.14	0.13	0.14	18.48	18.43	19.48	26.45	26.40	27.90	135.51	135.46	143.09
2048-11-06	1.03	1.00	1.07	0.50	0.47	0.50	0.10	0.07	0.07	0.58	0.57	0.61	0.46	0.46	0.49	0.14	0.13	0.14	18.45	18.41	19.46	26.42	26.38	27.88	135.48	135.44	143.07
2048-11-07	1.02	0.98	1.05	0.49	0.46	0.48	0.10	0.07	0.07	0.57	0.56	0.60	0.45	0.45	0.47	0.13	0.13	0.14	18.42	18.38	19.42	26.39	26.36	27.85	135.45	135.42	143.03
2048-11-08	1.00	0.97	1.03	0.48	0.45	0.48	0.10	0.07	0.07	0.56	0.55	0.59	0.44	0.44	0.47	0.13	0.13	0.14	18.40	18.36	19.40	26.37	26.34	27.82	135.43	135.40	143.01
2048-11-09	0.98	0.96	1.01	0.47	0.44	0.47	0.09	0.07	0.07	0.55	0.55	0.58	0.44	0.43	0.46	0.13	0.13	0.13	18.37	18.34	19.37	26.35	26.31	27.79	135.41	135.37	142.98
2048-11-10	0.97	0.94	0.99	0.47	0.44	0.46	0.09	0.06	0.07	0.54	0.54	0.57	0.43	0.43	0.45	0.13	0.12	0.13	18.35	18.32	19.34	26.33	26.29	27.76	135.39	135.35	142.95
2048-11-11	0.96	0.93	0.98	0.46	0.43	0.46	0.09	0.07	0.07	0.53	0.53	0.56	0.43	0.42	0.44	0.13	0.12	0.13	18.33	18.30	19.32	26.31	26.27	27.74	135.37	135.33	142.93
2048-11-12	0.96	0.93	0.98	0.46	0.44	0.46	0.09	0.07	0.07	0.53	0.53	0.56	0.42	0.42	0.45	0.13	0.12	0.13	18.33	18.30	19.33	26.30	26.28	27.75	135.36	135.34	142.94
2048-11-13	0.96	0.96	1.02	0.46	0.46	0.49	0.09	0.09	0.09	0.54	0.54	0.58	0.43	0.43	0.46	0.13	0.13	0.14	18.34	18.33	19.38	26.31	26.30	27.80	135.37	135.36	142.99
2048-11-14	0.95	0.94	1.01	0.46	0.45	0.48	0.09	0.08	0.09	0.53	0.53	0.57	0.42	0.43	0.46	0.13	0.13	0.14	18.33	18.31	19.36	26.30	26.29	27.78	135.36	135.35	142.97
2048-11-15	0.94	0.92	0.98	0.45	0.43	0.46	0.09	0.07	0.07	0.53	0.52	0.56	0.42	0.42	0.44	0.12	0.12	0.13	17.89	17.87	18.88	26.18	26.15	27.63	116.96	116.93	123.51
2048-11-16	0.93	0.91	0.96	0.45	0.42	0.45	0.09	0.06	0.07	0.52	0.52	0.55	0.41	0.41	0.43	0.12	0.12	0.13	17.88	17.84	18.85	26.16	26.12	27.60	116.94	116.91	123.48
2048-11-17	0.92	0.89	0.94	0.44	0.41	0.44	0.09	0.06	0.06	0.51	0.51	0.54	0.41	0.40	0.43	0.12	0.12	0.12	17.86	17.83	18.83	26.14	26.11	27.57	116.93	116.89	123.46
2048-11-18	0.91	0.89	0.94	0.44	0.42	0.44	0.09	0.07	0.07	0.51	0.51	0.53	0.40	0.40	0.42	0.12	0.12	0.13	17.85	17.82	18.82	26.13	26.10	27.56	116.91	116.88	123.45
2048-11-19	0.90	0.88	0.92	0.43	0.41	0.43	0.09	0.06	0.06	0.50	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.12									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2048-12-18	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.10	12.78	12.76	12.91	18.77	18.75	18.97	78.89	78.86	79.79
2048-12-19	0.80	0.77	0.78	0.38	0.36	0.36	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	12.78	12.75	12.89	18.77	18.74	18.95	78.89	78.85	79.77
2048-12-20	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	12.78	12.75	12.89	18.77	18.74	18.95	78.89	78.86	79.77
2048-12-21	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.76	12.89	18.77	18.75	18.95	78.89	78.87	79.77
2048-12-22	0.80	0.78	0.78	0.38	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.76	12.89	18.77	18.75	18.94	78.89	78.86	79.76
2048-12-23	0.80	0.78	0.78	0.38	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.76	12.89	18.78	18.75	18.95	78.89	78.87	79.77
2048-12-24	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.77	12.89	18.78	18.76	18.95	78.89	78.87	79.77
2048-12-25	0.80	0.78	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.77	12.89	18.78	18.75	18.95	78.89	78.87	79.77
2048-12-26	0.84	0.82	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	12.85	12.82	12.96	18.83	18.81	19.01	78.95	78.92	79.83
2048-12-27	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.07	0.07	0.49	0.49	0.50	0.39	0.39	0.39	0.12	0.12	0.12	12.91	12.89	13.04	18.90	18.87	19.10	79.01	78.99	79.91
2048-12-28	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	12.80	12.78	12.91	18.79	18.77	18.96	78.90	78.88	79.78
2048-12-29	0.80	0.78	0.78	0.38	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.76	12.89	18.78	18.75	18.95	78.89	78.87	79.76
2048-12-30	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.79	12.77	12.89	18.78	18.76	18.95	78.89	78.87	79.77
2048-12-31	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.11	0.10	12.79	12.77	12.90	18.78	18.76	18.96	78.89	78.88	79.77
2049-01-01	0.80	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.79	12.77	12.75	18.78	18.76	18.73	78.90	78.87	78.79
2049-01-02	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.79	12.77	12.75	18.78	18.76	18.73	78.90	78.87	78.78
2049-01-03	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.80	12.77	12.75	18.78	18.76	18.73	78.90	78.87	78.78
2049-01-04	0.81	0.79	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.80	12.77	12.75	18.78	18.76	18.73	78.90	78.87	78.78
2049-01-05	0.81	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	12.80	12.77	12.75	18.79	18.76	18.73	78.90	78.87	78.79
2049-01-06	0.81	0.79	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.80	12.77	12.75	18.79	18.76	18.73	78.90	78.88	78.79
2049-01-07	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	12.80	12.78	12.76	18.79	18.77	18.74	78.90	78.88	78.79
2049-01-08	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.35	0.11	0.11	0.10	12.90	12.87	12.89	18.89	18.86	18.87	79.00	78.98	78.93
2049-01-09	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	13.11	13.07	13.16	19.09	19.06	19.14	79.21	79.17	79.20
2049-01-10	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	12.99	12.97	13.02	18.98	18.96	19.01	79.09	79.07	79.06
2049-01-11	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	12.80	12.78	12.78	18.79	18.77	18.76	78.90	78.89	78.81
2049-01-12	0.81	0.80	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	12.78	12.76	12.76	18.77	18.74	18.74	78.89	78.86	78.80
2049-01-13	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	12.78	12.75	12.75	18.77	18.74	18.73	78.89	78.86	78.79
2049-01-14	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	12.79	12.76	12.74	18.77	18.74	18.72	78.89	78.86	78.78
2049-01-15	0.81	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.49	10.47	16.42	16.39	16.37	69.60	69.57	69.50
2049-01-16	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.49	10.47	16.42	16.40	16.37	69.60	69.58	69.50
2049-01-17	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.49	10.47	16.42	16.40	16.37	69.60	69.58	69.50
2049-01-18	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.50	10.48	16.43	16.40	16.38	69.60	69.58	69.50
2049-01-19	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.50	10.48	16.43	16.41	16.38	69.60	69.59	69.51
2049-01-20	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.50	10.48	16.43	16.41	16.38	69.61	69.58	69.50
2049-01-21	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.50	10.48	16.43	16.41	16.38	69.61	69.58	69.50
2049-01-22	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.52	10.50	10.48	16.43	16.40	16.38	69.61	69.58	69.50
2049-01-23	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.53	10.50	10.48	16.43	16.41	16.38	69.61	69.58	69.50
2049-01-24	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.53	10.50	10.48	16.43	16.41	16.38	69.61	69.59	69.51
2049-01-25	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.53	10.51	10.49	16.43	16.42	16.39	69.61	69.59	69.51
2049-01-26	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.53	10.51	10.49	16.44	16.42	16.39	69.61	69.59	69.51
2049-01-27	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.53	10.51	10.49	16.44	16.42	16.39	69.61	69.59	69.52
2049-01-28	0.82	0.80	0.80	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.53	10.51	10.49	16.44	16.42	16.39	69.62	69.59	69.51
2049-01-29	0.82	0.81	0.80	0.39	0.38	0.38	0.08	0.06	0.06	0.46	0.46	0.45	0.37	0.36	0.36	0.11	0.11	0.11	10.53	10.51	10.49	16.44	16.42	16.39	69.62	69.59	69.51

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2049-02-27	0.83	0.82	0.82	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.46	0.37	0.37	0.37	0.11	0.11	0.11	10.47	10.45	10.42	15.39	15.37	15.33	65.49	65.47	65.35
2049-02-28	0.83	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.46	0.37	0.37	0.37	0.11	0.11	0.11	10.48	10.45	10.42	15.39	15.37	15.33	65.49	65.47	65.35
2049-03-01	0.83	0.81	0.81	0.40	0.37	0.37	0.08	0.05	0.05	0.47	0.46	0.46	0.37	0.37	0.36	0.11	0.11	0.11	10.73	10.70	26.65	15.65	15.62	39.62	65.75	65.71	171.71
2049-03-02	0.83	0.81	0.81	0.40	0.38	0.38	0.08	0.06	0.06	0.47	0.46	0.46	0.37	0.37	0.37	0.11	0.11	0.11	12.06	11.94	30.72	16.98	16.86	43.69	67.07	66.96	175.78
2049-03-03	0.83	0.82	1.03	0.40	0.38	0.47	0.08	0.06	0.06	0.47	0.46	0.59	0.37	0.37	0.47	0.11	0.11	0.14	12.78	12.68	31.79	17.70	17.60	44.75	67.79	67.70	176.84
2049-03-04	0.83	0.82	2.16	0.40	0.39	0.97	0.08	0.06	0.09	0.47	0.46	1.28	0.37	0.37	1.02	0.11	0.11	0.31	10.85	10.88	28.25	15.77	15.80	41.22	65.87	65.90	173.31
2049-03-05	0.83	0.82	3.29	0.40	0.39	1.50	0.08	0.06	0.18	0.47	0.46	1.92	0.37	0.37	1.53	0.11	0.11	0.46	10.82	10.79	27.84	15.74	15.71	40.81	65.84	65.81	172.90
2049-03-06	0.84	0.82	2.32	0.40	0.39	1.11	0.08	0.06	0.22	0.47	0.46	1.30	0.37	0.37	1.04	0.11	0.11	0.31	10.79	10.76	27.62	15.71	15.68	40.59	65.81	65.78	172.68
2049-03-07	0.86	0.84	3.49	0.41	0.40	1.58	0.08	0.07	0.17	0.48	0.48	2.06	0.38	0.38	1.64	0.11	0.11	0.49	10.77	10.74	27.44	15.69	15.66	40.41	65.79	65.75	172.50
2049-03-08	0.91	0.89	7.23	0.44	0.42	3.46	0.09	0.07	0.68	0.51	0.51	4.04	0.41	0.40	3.22	0.12	0.12	0.96	10.74	10.71	27.43	15.66	15.63	40.40	65.76	65.73	172.49
2049-03-09	0.89	0.87	6.29	0.43	0.41	3.12	0.09	0.07	0.78	0.50	0.49	3.41	0.39	0.39	2.71	0.12	0.12	0.81	10.72	10.69	27.41	15.64	15.61	40.38	65.74	65.71	172.47
2049-03-10	0.83	0.82	4.68	0.40	0.39	2.18	0.08	0.07	0.33	0.46	0.46	2.68	0.37	0.37	2.13	0.11	0.11	0.64	10.70	10.67	27.33	15.62	15.59	40.30	65.72	65.69	172.39
2049-03-11	0.83	0.81	4.17	0.40	0.38	1.92	0.08	0.06	0.26	0.46	0.46	2.41	0.37	0.37	1.92	0.11	0.11	0.57	10.68	10.65	27.29	15.60	15.57	40.25	65.70	65.67	172.34
2049-03-12	0.93	0.91	4.50	0.45	0.42	2.06	0.09	0.06	0.25	0.52	0.52	2.62	0.41	0.41	2.09	0.12	0.12	0.62	10.66	10.63	27.45	15.58	15.55	40.42	65.68	65.65	172.51
2049-03-13	1.06	1.05	4.99	0.51	0.50	2.32	0.10	0.09	0.35	0.59	0.60	2.88	0.47	0.48	2.30	0.14	0.15	0.70	10.73	10.70	28.76	15.65	15.62	41.73	65.75	65.72	173.82
2049-03-14	0.83	0.83	4.90	0.40	0.40	2.25	0.08	0.08	0.29	0.47	0.46	2.84	0.37	0.37	2.26	0.11	0.11	0.68	11.86	11.79	31.45	16.78	16.71	44.42	66.88	66.81	176.51
2049-03-15	0.81	0.80	6.02	0.39	0.38	2.72	0.08	0.06	0.28	0.45	0.45	3.54	0.36	0.36	2.82	0.11	0.11	0.84	15.36	15.28	40.78	22.20	22.12	58.81	84.46	84.38	222.96
2049-03-16	0.81	0.80	6.94	0.39	0.38	3.16	0.08	0.06	0.37	0.45	0.45	4.06	0.36	0.36	3.23	0.11	0.11	0.97	14.47	14.48	41.14	21.31	21.32	59.17	83.57	83.57	223.32
2049-03-17	0.81	0.80	5.50	0.39	0.37	2.56	0.08	0.06	0.38	0.45	0.45	3.15	0.36	0.36	2.51	0.11	0.11	0.75	14.25	14.20	40.66	21.09	21.04	58.69	83.35	83.30	222.84
2049-03-18	0.81	0.80	4.64	0.39	0.37	2.15	0.08	0.06	0.30	0.45	0.45	2.67	0.36	0.36	2.13	0.11	0.11	0.63	14.16	14.11	39.12	21.00	20.95	57.15	83.26	83.21	221.30
2049-03-19	0.81	0.80	4.02	0.39	0.37	1.86	0.08	0.06	0.26	0.45	0.45	2.32	0.36	0.36	1.84	0.11	0.11	0.55	14.08	14.03	38.00	20.92	20.87	56.04	83.18	83.13	220.19
2049-03-20	0.81	0.80	3.53	0.39	0.37	1.63	0.08	0.06	0.23	0.45	0.45	2.03	0.36	0.36	1.62	0.11	0.11	0.48	14.01	13.96	37.47	20.85	20.80	55.51	83.11	83.06	219.65
2049-03-21	0.81	0.80	3.15	0.39	0.37	1.45	0.08	0.06	0.20	0.45	0.45	1.81	0.36	0.36	1.44	0.11	0.11	0.43	13.94	13.90	37.25	20.78	20.74	55.29	83.04	82.99	219.44
2049-03-22	0.81	0.80	2.84	0.39	0.37	1.31	0.08	0.06	0.18	0.45	0.45	1.64	0.36	0.36	1.30	0.11	0.11	0.39	13.88	13.84	36.79	20.72	20.68	54.82	82.98	82.94	218.97
2049-03-23	0.82	0.80	2.59	0.39	0.37	1.20	0.08	0.06	0.17	0.45	0.45	1.49	0.36	0.36	1.19	0.11	0.11	0.35	13.83	13.78	36.21	20.66	20.62	54.25	82.92	82.88	218.39
2049-03-24	0.82	0.80	2.38	0.39	0.37	1.10	0.08	0.06	0.15	0.46	0.45	1.37	0.36	0.36	1.09	0.11	0.11	0.32	13.77	13.73	35.74	20.61	20.57	53.78	82.87	82.83	217.93
2049-03-25	0.82	0.80	2.21	0.39	0.38	1.03	0.08	0.06	0.15	0.46	0.45	1.27	0.36	0.36	1.01	0.11	0.11	0.30	13.73	13.69	35.37	20.57	20.53	53.40	82.83	82.78	217.55
2049-03-26	0.82	0.80	2.06	0.39	0.38	0.95	0.08	0.06	0.14	0.46	0.45	1.19	0.36	0.36	0.94	0.11	0.11	0.28	13.69	13.65	35.05	20.53	20.49	53.08	82.78	82.74	217.23
2049-03-27	0.82	0.80	1.93	0.39	0.38	0.89	0.08	0.06	0.13	0.46	0.45	1.11	0.36	0.36	0.88	0.11	0.11	0.26	13.65	13.61	34.95	20.49	20.45	52.98	82.74	82.71	217.13
2049-03-28	0.82	0.80	2.07	0.39	0.38	0.95	0.08	0.06	0.12	0.46	0.45	1.20	0.36	0.36	0.96	0.11	0.11	0.28	13.62	13.59	35.29	20.46	20.43	53.32	82.72	82.69	217.47
2049-03-29	0.82	0.80	2.38	0.39	0.38	1.10	0.08	0.06	0.15	0.46	0.46	1.38	0.36	0.36	1.10	0.11	0.11	0.33	13.62	13.60	35.93	20.46	20.44	53.96	82.72	82.70	218.11
2049-03-30	0.82	0.80	2.20	0.39	0.38	1.02	0.08	0.06	0.14	0.46	0.46	1.27	0.36	0.36	1.01	0.11	0.11	0.30	13.66	13.64	36.43	20.50	20.47	54.46	82.75	82.73	218.61
2049-03-31	0.82	0.80	2.06	0.39	0.38	0.95	0.08	0.06	0.14	0.46	0.46	1.18	0.36	0.36	0.94	0.11	0.11	0.28	13.76	13.74	37.05	20.60	20.58	55.08	82.85	82.84	219.23
2049-04-01	0.82	0.81	1.95	0.39	0.38	0.91	0.08	0.06	0.14	0.46	0.46	1.12	0.36	0.36	0.89	0.11	0.11	0.27	14.13	14.09	32.29	20.97	20.93	47.04	83.22	83.19	181.28
2049-04-02	0.82	0.81	1.91	0.39	0.38	0.89	0.08	0.06	0.13	0.46	0.46	1.10	0.36	0.36	0.87	0.11	0.11	0.26	14.62	14.58	33.79	21.46	21.42	48.53	83.72	83.68	182.78
2049-04-03	0.82	0.81	2.12	0.39	0.38	0.98	0.08	0.06	0.14	0.46	0.46	1.23	0.37	0.36	0.98	0.11	0.11	0.29	14.74	14.71	36.09	21.58	21.55	50.84	83.84	83.81	185.09
2049-04-04	0.82	0.81	2.76	0.39	0.38	1.27	0.08	0.06	0.17	0.46	0.46	1.61	0.37	0.36	1.29	0.11	0.11	0.39	15.05	15.00	35.02	21.89	21.84	49.77	84.15	84.10	184.02
2049-04-05	0.82	0.81	3.17	0.40	0.38	1.46	0.08	0.06	0.20	0.46	0.46	1.84	0.37	0.36	1.47	0.11	0.11	0.44	16.03	15.93	36.71	22.86	22.77	51.46	85.12	85.03	185.70
2049-04-06	0.86	0.85	4.24	0.41	0.40	1.94	0.08	0.06	0.24	0.48	0.48	2.48	0.38	0.38	1.98	0.11	0.11	0.60	16.75	16.63	38.46	23.59	23.47	53.21	85.85	85.73	187.46
2049-04-07	1.62	1.54	7.76	0.78	0.70	3.52	0.15	0.08	0.39	0.90	0.90	4.56	0.72	0.72	3.64	0.21	0.22	1.10	16.70	16.63	38.52	23.54	23.47	53.27	85.80	85.73	187.51
2049-04-08	2.43	2.36	11.72	1.17	1.10	5.65	0.23	0.16	1.17	1.36	1.37	6.54	1.08	1.10	5.21	0.32	0.34	1.57	16.17	16.07	36.33	23.01	22.91	51.07	85.27	85.17	185.32
2049-04-09	1.06	1.11	9.95	0.51	0.56	4.71	0.10	0.15	0.84	0.59	0.59	5.63	0.47	0.47	4.49	0.14	0.14	1.35	15.82	15.72	34.43	22.66	22.56	49.18	84.92	84.82	183.43
2049-04-10	1.07	1.05	10.55	0.51	0.50	4.94	0.10	0.09	0.81	0.59	0.60	6.02	0.47	0.48	4.80	0.14	0.14	1.44	15.60	15.51	34.02	22.44	22.35				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2049-05-09	6.51	6.25	4.84	3.12	2.86	2.21	0.62	0.36	0.26	3.63	3.63	2.81	2.89	2.89	2.24	0.86	0.86	0.66	31.88	31.41	16.45	43.36	42.90	23.02	167.51	167.04	94.11
2049-05-10	6.19	5.99	4.86	2.97	2.77	2.22	0.59	0.39	0.28	3.46	3.45	2.81	2.75	2.75	2.24	0.82	0.82	0.66	31.87	31.52	16.37	43.36	43.00	22.95	167.51	167.15	94.03
2049-05-11	6.09	5.85	4.20	2.93	2.68	1.94	0.58	0.34	0.27	3.40	3.39	2.41	2.71	2.70	1.92	0.80	0.80	0.57	31.89	31.63	16.30	43.37	43.12	22.88	167.52	167.26	93.97
2049-05-12	7.64	7.34	3.67	3.67	3.37	1.69	0.73	0.43	0.23	4.26	4.27	2.11	3.39	3.40	1.68	1.01	1.02	0.49	32.01	31.55	16.24	43.50	43.03	22.81	167.65	167.18	93.90
2049-05-13	9.91	9.63	3.26	4.75	4.48	1.50	0.95	0.67	0.21	5.53	5.54	1.87	4.40	4.42	1.49	1.30	1.33	0.44	33.84	33.26	16.75	45.33	44.74	23.33	169.47	168.89	94.41
2049-05-14	10.94	9.91	2.93	5.25	4.22	1.35	1.05	0.02	0.19	6.10	6.07	1.68	4.86	4.83	1.34	1.44	1.42	0.39	35.56	35.25	18.07	47.05	46.74	24.64	171.19	170.89	95.73
2049-05-15	11.43	11.09	2.66	5.49	5.15	1.23	1.10	0.76	0.17	6.38	6.36	1.53	5.08	5.06	1.21	1.51	1.50	0.36	105.38	105.19	58.27	134.97	134.78	75.21	650.72	650.53	370.53
2049-05-16	11.61	10.79	2.52	5.57	4.75	1.16	1.11	0.29	0.16	6.48	6.45	1.45	5.16	5.14	1.15	1.53	1.52	0.34	104.15	103.97	58.11	133.74	133.56	75.05	649.49	649.31	370.37
2049-05-17	11.78	11.31	2.39	5.65	5.19	1.11	1.13	0.67	0.15	6.57	6.55	1.37	5.23	5.22	1.09	1.55	1.54	0.32	103.48	103.31	58.00	133.07	132.89	74.94	648.82	648.65	370.26
2049-05-18	11.25	11.07	2.22	5.40	5.22	1.03	1.08	0.90	0.15	6.27	6.26	1.27	4.99	4.98	1.01	1.48	1.48	0.30	103.65	103.44	58.10	133.23	133.03	75.04	648.99	648.78	370.36
2049-05-19	10.28	10.01	2.07	4.93	4.66	0.96	0.99	0.71	0.14	5.74	5.72	1.18	4.57	4.55	0.94	1.35	1.35	0.27	103.60	103.42	58.19	133.18	133.00	75.13	648.94	648.76	370.45
2049-05-20	9.91	9.63	1.94	4.76	4.47	0.90	0.95	0.67	0.13	5.53	5.51	1.11	4.40	4.39	0.88	1.31	1.30	0.26	102.96	102.81	58.07	132.55	132.39	75.01	648.30	648.15	370.33
2049-05-21	9.78	9.40	1.83	4.69	4.32	0.84	0.94	0.56	0.12	5.46	5.44	1.04	4.34	4.33	0.83	1.29	1.28	0.24	102.38	102.24	57.96	131.97	131.82	74.90	647.72	647.58	370.22
2049-05-22	9.53	9.15	1.73	4.57	4.20	0.80	0.91	0.54	0.11	5.31	5.30	0.99	4.23	4.22	0.79	1.25	1.25	0.23	107.13	106.66	62.04	136.72	136.25	78.98	652.47	652.00	374.30
2049-05-23	8.70	8.39	1.65	4.18	3.87	0.76	0.83	0.52	0.11	4.86	4.84	0.94	3.87	3.85	0.75	1.15	1.14	0.22	114.77	114.37	70.42	144.36	143.96	87.36	660.11	659.72	382.68
2049-05-24	7.59	7.31	1.57	3.64	3.36	0.73	0.73	0.45	0.10	4.23	4.22	0.90	3.37	3.36	0.71	1.00	0.99	0.21	108.26	108.12	64.33	137.85	137.70	81.27	653.60	653.46	376.59
2049-05-25	6.96	6.69	1.57	3.34	3.07	0.73	0.67	0.40	0.10	3.88	3.87	0.90	3.09	3.08	0.71	0.92	0.91	0.21	106.19	105.97	62.85	135.78	135.56	79.79	651.53	651.31	375.11
2049-05-26	6.61	6.35	1.61	3.17	2.91	0.74	0.63	0.37	0.11	3.69	3.68	0.92	2.94	2.93	0.73	0.87	0.87	0.21	104.74	104.54	61.85	134.32	134.13	78.80	650.08	649.88	374.12
2049-05-27	6.40	6.14	1.63	3.07	2.81	0.75	0.61	0.35	0.11	3.57	3.56	0.93	2.84	2.83	0.74	0.84	0.84	0.22	103.66	103.50	61.09	133.25	133.08	78.04	649.01	648.84	373.36
2049-05-28	5.77	5.56	1.62	2.77	2.56	0.75	0.55	0.35	0.11	3.22	3.21	0.92	2.56	2.55	0.73	0.76	0.75	0.21	102.85	102.70	60.50	132.44	132.29	77.44	648.19	648.04	372.76
2049-05-29	4.89	4.73	1.55	2.35	2.19	0.72	0.47	0.31	0.11	2.73	2.72	0.88	2.17	2.16	0.70	0.64	0.64	0.20	102.21	102.08	60.02	131.80	131.67	76.96	647.55	647.42	372.28
2049-05-30	4.34	4.19	1.48	2.08	1.93	0.69	0.42	0.26	0.10	2.42	2.41	0.84	1.93	1.92	0.67	0.57	0.57	0.19	101.86	101.73	59.62	131.44	131.31	76.57	647.20	647.07	371.89
2049-05-31	3.95	3.81	1.42	1.90	1.75	0.66	0.38	0.24	0.10	2.21	2.19	0.81	1.76	1.75	0.64	0.52	0.51	0.19	102.27	102.10	59.86	131.85	131.69	76.80	647.61	647.44	372.12
2049-06-01	3.58	3.46	1.37	1.72	1.59	0.64	0.34	0.22	0.09	2.00	1.99	0.78	1.59	1.58	0.62	0.47	0.47	0.18	102.44	102.28	75.76	132.03	131.87	97.48	647.78	647.62	476.20
2049-06-02	3.25	3.14	1.33	1.56	1.45	0.62	0.31	0.20	0.09	1.82	1.81	0.75	1.45	1.44	0.60	0.43	0.42	0.17	101.88	101.76	75.36	131.47	131.34	97.09	647.22	647.10	475.81
2049-06-03	3.15	3.03	1.28	1.51	1.39	0.60	0.30	0.18	0.09	1.76	1.75	0.73	1.40	1.39	0.58	0.42	0.41	0.17	101.43	101.32	75.03	131.02	130.90	96.76	646.77	646.66	475.47
2049-06-04	3.03	2.92	1.25	1.46	1.34	0.58	0.29	0.18	0.09	1.69	1.68	0.71	1.35	1.34	0.56	0.40	0.39	0.16	101.06	100.96	74.75	130.65	130.54	96.48	646.40	646.30	475.19
2049-06-05	2.76	2.66	1.21	1.32	1.23	0.56	0.26	0.17	0.09	1.54	1.53	0.69	1.22	1.22	0.55	0.36	0.36	0.16	100.75	100.65	74.51	130.34	130.24	96.24	646.09	645.99	474.95
2049-06-06	2.53	2.44	1.18	1.21	1.13	0.55	0.24	0.16	0.08	1.41	1.40	0.67	1.12	1.11	0.53	0.33	0.33	0.15	100.49	100.40	74.31	130.07	129.98	96.03	645.83	645.74	474.75
2049-06-07	2.34	2.26	1.15	1.12	1.04	0.54	0.22	0.15	0.08	1.30	1.29	0.65	1.04	1.03	0.52	0.31	0.30	0.15	100.26	100.18	74.13	129.85	129.77	95.86	645.60	645.52	474.57
2049-06-08	2.17	2.10	1.12	1.04	0.97	0.52	0.21	0.14	0.08	1.21	1.20	0.64	0.97	0.96	0.50	0.29	0.28	0.14	100.07	99.99	73.98	129.66	129.58	95.70	645.41	645.33	474.42
2049-06-09	2.04	1.97	1.10	0.98	0.91	0.51	0.20	0.13	0.08	1.14	1.13	0.62	0.90	0.90	0.49	0.27	0.26	0.14	99.90	99.83	73.84	129.49	129.42	95.57	645.24	645.17	474.29
2049-06-10	1.92	1.86	1.08	0.92	0.86	0.50	0.18	0.12	0.08	1.07	1.06	0.61	0.85	0.84	0.48	0.25	0.25	0.14	99.76	99.69	73.72	129.34	129.27	95.45	645.10	645.03	474.17
2049-06-11	1.93	1.86	1.06	0.92	0.86	0.49	0.18	0.12	0.08	1.08	1.07	0.60	0.86	0.85	0.47	0.25	0.25	0.14	99.64	99.58	73.62	129.23	129.16	95.34	644.98	644.92	474.06
2049-06-12	2.34	2.24	1.11	1.12	1.02	0.52	0.22	0.12	0.08	1.31	1.30	0.63	1.04	1.03	0.50	0.31	0.30	0.14	99.54	99.48	73.53	129.13	129.07	95.25	644.88	644.82	473.97
2049-06-13	2.71	2.60	1.27	1.30	1.19	0.59	0.26	0.15	0.08	1.51	1.51	0.73	1.21	1.20	0.58	0.36	0.35	0.17	99.45	99.39	73.44	129.04	128.98	95.16	644.79	644.73	473.88
2049-06-14	2.37	2.30	1.14	1.14	1.07	0.53	0.23	0.16	0.09	1.32	1.31	0.64	1.05	1.04	0.51	0.31	0.31	0.15	99.37	99.31	73.37	128.96	128.90	95.09	644.71	644.65	473.81
2049-06-15	2.91	2.77	1.27	1.39	1.26	0.59	0.28	0.14	0.08	1.62	1.61	0.73	1.29	1.28	0.58	0.38	0.38	0.17	152.28	152.23	112.22	187.26	187.21	137.90	1003.12	1003.07	736.99
2049-06-16	7.40	6.87	3.15	3.55	3.03	1.39	0.71	0.18	0.10	4.13	4.12	1.87	3.29	3.28	1.49	0.97	0.97	0.44	152.21	152.15	112.15	187.18	187.13	137.83	1003.04	1002.99	736.92
2049-06-17	10.35	10.54	4.36	4.97	5.15	2.01	0.99	1.18	0.28	5.78	5.76	2.51	4.60	4.59	2.00	1.36	1.36	0.59	152.13	152.08	112.09	187.11	187.06	137.78	1002.97	1002.92	736.86
2049-06-18	7.13	7.04	2.78	3.42	3.33	1.32	0.68	0.60	0.25	3.98	3.97	1.56	3.17	3.16	1.24	0.94	0.94	0.36	152.07	152.02	112.04	187.05	187.00	137.73	1002.91	1002.86	736.81
2049-06-19	6.05	5.84	2.48	2.90	2.70	1.14	0.58	0.37	0.16	3.37	3.36	1.42	2.69	2.68	1.13	0.80	0.79	0.33	174.73	173.25	125.02	209.71	208.23	150.70	1025.57	1024.09	749.79
2049-06-20	5																										

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2049-07-19	1.77	1.71	1.50	0.85	0.79	0.70	0.17	0.11	0.10	0.99	0.98	0.86	0.79	0.78	0.68	0.23	0.23	0.20	70.46	70.39	67.21	92.43	92.36	88.17	559.41	559.34	533.77
2049-07-20	1.70	1.65	1.45	0.82	0.77	0.68	0.16	0.11	0.10	0.95	0.94	0.83	0.76	0.75	0.66	0.22	0.22	0.19	70.37	70.31	67.12	92.34	92.28	88.09	559.33	559.26	533.68
2049-07-21	1.63	1.58	1.40	0.78	0.73	0.65	0.16	0.11	0.09	0.91	0.90	0.79	0.72	0.71	0.63	0.21	0.21	0.18	70.26	70.20	67.02	92.23	92.17	87.98	559.21	559.15	533.58
2049-07-22	1.59	1.54	1.37	0.76	0.71	0.63	0.15	0.10	0.09	0.89	0.88	0.78	0.71	0.70	0.62	0.21	0.20	0.18	70.16	70.11	66.93	92.13	92.08	87.90	559.12	559.06	533.49
2049-07-23	1.59	1.54	1.35	0.76	0.71	0.63	0.15	0.10	0.09	0.89	0.88	0.77	0.70	0.70	0.61	0.21	0.20	0.18	70.07	70.02	66.85	92.04	91.98	87.81	559.03	558.97	533.41
2049-07-24	1.55	1.51	1.33	0.75	0.70	0.62	0.15	0.10	0.09	0.87	0.86	0.75	0.69	0.68	0.60	0.20	0.20	0.17	69.99	69.94	66.78	91.96	91.91	87.74	558.95	558.89	533.34
2049-07-25	1.49	1.45	1.28	0.72	0.67	0.60	0.14	0.10	0.09	0.83	0.82	0.73	0.66	0.65	0.58	0.20	0.19	0.17	69.92	69.87	66.71	91.89	91.84	87.68	558.87	558.82	533.27
2049-07-26	1.43	1.39	1.24	0.69	0.65	0.58	0.14	0.10	0.09	0.80	0.79	0.71	0.64	0.63	0.56	0.19	0.18	0.16	69.86	69.80	66.65	91.82	91.77	87.62	558.81	558.76	533.21
2049-07-27	1.38	1.34	1.21	0.66	0.62	0.56	0.13	0.09	0.08	0.77	0.76	0.69	0.61	0.61	0.54	0.18	0.18	0.16	69.80	69.75	66.60	91.77	91.72	87.56	558.75	558.70	533.16
2049-07-28	1.34	1.30	1.18	0.64	0.60	0.55	0.13	0.09	0.08	0.75	0.74	0.67	0.59	0.59	0.53	0.18	0.17	0.15	69.74	69.69	66.55	91.71	91.66	87.51	558.69	558.65	533.11
2049-07-29	1.30	1.26	1.15	0.62	0.59	0.53	0.12	0.09	0.08	0.72	0.72	0.65	0.58	0.57	0.52	0.17	0.16	0.15	69.77	69.72	66.57	91.74	91.69	87.53	558.72	558.67	533.12
2049-07-30	1.26	1.23	1.12	0.61	0.57	0.52	0.12	0.09	0.08	0.70	0.69	0.63	0.56	0.55	0.50	0.17	0.16	0.14	69.79	69.75	66.58	91.76	91.72	87.55	558.75	558.70	533.14
2049-07-31	1.23	1.19	1.10	0.59	0.55	0.51	0.12	0.08	0.08	0.68	0.68	0.62	0.54	0.54	0.49	0.16	0.15	0.14	69.74	69.69	66.53	91.71	91.66	87.49	558.69	558.65	533.09
2049-08-01	1.19	1.16	1.07	0.57	0.54	0.50	0.11	0.08	0.08	0.67	0.66	0.61	0.53	0.52	0.48	0.16	0.15	0.14	71.34	71.19	61.17	93.31	93.16	80.04	560.30	560.14	480.99
2049-08-02	1.17	1.13	1.05	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.60	0.52	0.51	0.47	0.15	0.15	0.14	74.08	73.90	63.28	96.05	95.87	82.14	563.03	562.86	483.09
2049-08-03	1.14	1.11	1.04	0.55	0.52	0.48	0.11	0.08	0.07	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	71.41	71.39	61.30	93.38	93.36	80.17	560.36	560.35	481.12
2049-08-04	1.12	1.09	1.02	0.54	0.51	0.47	0.11	0.08	0.07	0.62	0.61	0.57	0.50	0.49	0.46	0.15	0.14	0.13	71.17	71.08	61.07	93.14	93.05	79.93	560.12	560.03	480.89
2049-08-05	1.09	1.06	1.00	0.52	0.50	0.47	0.10	0.08	0.07	0.61	0.60	0.56	0.49	0.48	0.45	0.14	0.14	0.13	71.74	71.61	61.42	93.71	93.58	80.29	560.70	560.56	481.24
2049-08-06	1.07	1.04	0.98	0.51	0.49	0.46	0.10	0.08	0.07	0.60	0.59	0.55	0.48	0.47	0.44	0.14	0.13	0.13	73.45	73.24	62.45	95.42	95.21	81.32	562.40	562.19	482.27
2049-08-07	1.05	1.03	0.97	0.50	0.48	0.45	0.10	0.07	0.07	0.59	0.58	0.55	0.47	0.46	0.43	0.14	0.13	0.12	72.53	72.43	61.89	94.50	94.40	80.76	561.48	561.38	481.71
2049-08-08	1.03	1.01	0.96	0.50	0.47	0.45	0.10	0.07	0.07	0.58	0.57	0.54	0.46	0.45	0.43	0.14	0.13	0.12	72.10	71.99	61.62	94.07	93.96	80.48	561.06	560.95	481.43
2049-08-09	1.02	0.99	0.94	0.49	0.46	0.44	0.10	0.07	0.07	0.57	0.56	0.53	0.45	0.44	0.42	0.13	0.13	0.12	71.75	71.65	61.39	93.72	93.62	80.26	560.70	560.60	481.21
2049-08-10	1.00	0.98	0.93	0.48	0.46	0.44	0.10	0.07	0.07	0.56	0.55	0.52	0.44	0.44	0.42	0.13	0.13	0.12	71.45	71.36	61.20	93.42	93.33	80.06	560.41	560.31	481.02
2049-08-11	0.99	0.96	0.92	0.47	0.45	0.43	0.09	0.07	0.07	0.55	0.54	0.52	0.44	0.43	0.41	0.13	0.12	0.12	71.20	71.12	61.04	93.17	93.09	79.90	560.16	560.07	480.85
2049-08-12	0.97	0.95	0.91	0.47	0.44	0.42	0.09	0.07	0.07	0.54	0.53	0.51	0.43	0.42	0.41	0.13	0.12	0.12	70.99	70.90	60.89	92.96	92.87	79.75	559.94	559.86	480.71
2049-08-13	1.26	1.21	1.09	0.60	0.55	0.50	0.12	0.07	0.07	0.70	0.69	0.62	0.56	0.55	0.49	0.17	0.16	0.14	70.80	70.72	60.76	92.77	92.69	79.63	559.75	559.68	480.58
2049-08-14	1.81	1.73	1.48	0.87	0.79	0.68	0.17	0.09	0.09	1.01	1.00	0.85	0.81	0.80	0.68	0.24	0.23	0.20	70.64	70.57	60.65	92.61	92.54	79.51	559.59	559.52	480.46
2049-08-15	1.20	1.20	1.08	0.58	0.57	0.51	0.12	0.11	0.10	0.67	0.66	0.60	0.53	0.53	0.47	0.16	0.15	0.14	31.85	31.79	27.37	43.49	43.42	37.36	242.99	242.92	208.65
2049-08-16	1.23	1.20	1.06	0.59	0.56	0.50	0.12	0.08	0.08	0.69	0.68	0.60	0.55	0.54	0.48	0.16	0.16	0.14	31.73	31.66	27.28	43.37	43.30	37.27	242.86	242.80	208.56
2049-08-17	1.26	1.23	1.07	0.60	0.57	0.50	0.12	0.09	0.08	0.70	0.70	0.60	0.56	0.55	0.48	0.17	0.16	0.14	31.62	31.56	27.20	43.26	43.19	37.19	242.75	242.69	208.48
2049-08-18	1.25	1.21	1.05	0.60	0.56	0.49	0.12	0.08	0.08	0.70	0.69	0.59	0.55	0.55	0.47	0.16	0.16	0.13	31.52	31.46	27.13	43.16	43.10	37.12	242.65	242.60	208.41
2049-08-19	1.52	1.46	1.16	0.73	0.67	0.54	0.15	0.09	0.08	0.85	0.84	0.66	0.68	0.67	0.53	0.20	0.19	0.15	31.43	31.37	27.06	43.07	43.01	37.05	242.57	242.51	208.34
2049-08-20	2.00	1.92	1.55	0.96	0.88	0.71	0.19	0.11	0.09	1.12	1.11	0.89	0.89	0.88	0.71	0.26	0.26	0.21	31.35	31.30	27.00	42.99	42.93	36.99	242.49	242.43	208.28
2049-08-21	1.54	1.51	1.23	0.74	0.71	0.58	0.15	0.12	0.10	0.86	0.85	0.69	0.68	0.68	0.55	0.20	0.20	0.16	31.28	31.23	26.95	42.92	42.86	36.94	242.41	242.36	208.23
2049-08-22	1.48	1.44	1.18	0.71	0.67	0.55	0.14	0.10	0.08	0.82	0.82	0.67	0.66	0.65	0.53	0.19	0.19	0.15	31.21	31.16	26.90	42.85	42.80	36.89	242.35	242.30	208.18
2049-08-23	1.42	1.38	1.15	0.68	0.64	0.54	0.14	0.10	0.08	0.79	0.79	0.65	0.63	0.62	0.52	0.19	0.18	0.15	31.15	31.10	26.85	42.79	42.74	36.84	242.29	242.24	208.13
2049-08-24	1.37	1.34	1.13	0.66	0.62	0.53	0.13	0.09	0.08	0.77	0.76	0.64	0.61	0.60	0.51	0.18	0.17	0.15	31.22	31.17	26.88	42.86	42.81	36.87	242.36	242.31	208.16
2049-08-25	1.33	1.29	1.10	0.64	0.60	0.51	0.13	0.09	0.08	0.74	0.73	0.62	0.59	0.58	0.49	0.18	0.17	0.14	31.99	31.89	27.29	43.63	43.53	37.28	243.12	243.03	208.57
2049-08-26	1.34	1.30	1.10	0.65	0.60	0.51	0.13	0.09	0.08	0.75	0.74	0.62	0.60	0.59	0.49	0.18	0.17	0.14	32.26	32.17	27.52	43.89	43.81	37.52	243.39	243.31	208.81
2049-08-27	1.40	1.36	1.12	0.67	0.63	0.52	0.13	0.09	0.08	0.78	0.78	0.63	0.62	0.62	0.50	0.18	0.18	0.14	31.70	31.65	27.17	43.33	43.28	37.16	242.83	242.78	208.45
2049-08-28	1.45	1.41	1.13	0.70	0.65	0.53	0.14	0.10	0.08	0.81	0.80	0.64	0.64	0.64	0.51	0.19	0.18	0.15	31.59	31.53	27.09	43.23	43.17	37.09	242.72	242.66	208.37
2049-08-29	1.44	1.40	1.12	0.69	0.65	0.52	0.14	0.10	0.08	0.80	0.80	0.63	0.64	0.63	0.50	0.19	0.18	0.14	31.49	31.43	27.03	43.13	43.07	37.02	242.63	242.57	208.31
2049-08-30	1.39	1.35	1.09	0.67	0.63	0.51	0.13	0.09	0.08	0.78	0.77	0.62	0.62	0.61	0.49	0.18	0.18	0.14									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2049-09-28	1.24	1.21	1.24	0.60	0.56	0.58	0.12	0.09	0.09	0.69	0.69	0.70	0.55	0.54	0.56	0.16	0.16	0.16	26.22	25.85	29.10	35.01	34.64	38.81	167.86	167.49	185.61
2049-09-29	1.32	1.28	1.32	0.63	0.59	0.61	0.13	0.08	0.09	0.73	0.73	0.75	0.58	0.58	0.60	0.17	0.17	0.17	34.79	33.68	39.25	43.58	42.47	48.96	176.43	175.32	195.75
2049-09-30	1.92	1.83	2.02	0.92	0.83	0.92	0.18	0.09	0.10	1.07	1.06	1.18	0.85	0.84	0.94	0.25	0.25	0.28	31.67	30.90	36.22	40.46	39.69	45.93	173.31	172.54	192.73
2049-10-01	1.92	1.86	2.13	0.92	0.86	0.98	0.18	0.13	0.14	1.07	1.06	1.22	0.85	0.85	0.97	0.25	0.25	0.29	29.51	29.20	32.95	38.29	37.99	42.78	171.14	170.84	191.36
2049-10-02	1.62	1.57	1.73	0.78	0.73	0.81	0.15	0.11	0.13	0.90	0.89	0.98	0.72	0.71	0.78	0.21	0.21	0.23	27.47	27.23	30.80	36.26	36.02	40.63	169.11	168.86	189.21
2049-10-03	1.55	1.87	1.52	0.74	1.06	0.65	0.15	0.47	0.00	0.86	0.86	0.93	0.69	0.69	0.74	0.20	0.20	0.21	25.90	25.69	28.92	34.69	34.48	38.75	167.53	167.33	187.32
2049-10-04	1.49	1.34	1.45	0.71	0.57	0.62	0.14	0.00	0.00	0.83	0.82	0.89	0.66	0.65	0.71	0.20	0.19	0.20	24.70	24.53	27.45	33.49	33.32	37.28	166.34	166.17	185.85
2049-10-05	1.43	1.29	1.39	0.69	0.55	0.59	0.14	0.00	0.00	0.80	0.79	0.85	0.64	0.63	0.68	0.19	0.18	0.20	23.81	23.65	26.37	32.60	32.44	36.20	165.44	165.29	184.78
2049-10-06	1.38	1.25	1.34	0.66	0.53	0.57	0.13	0.00	0.00	0.77	0.76	0.82	0.61	0.61	0.65	0.18	0.17	0.19	23.11	22.75	25.55	31.90	31.54	35.38	164.74	164.39	183.96
2049-10-07	1.34	1.22	1.32	0.64	0.53	0.58	0.13	0.02	0.04	0.75	0.74	0.79	0.59	0.59	0.62	0.18	0.17	0.18	22.87	22.53	25.35	31.66	31.32	35.18	164.51	164.17	183.75
2049-10-08	1.29	1.26	1.34	0.62	0.59	0.62	0.12	0.09	0.09	0.72	0.71	0.76	0.57	0.57	0.60	0.17	0.16	0.17	22.64	22.32	25.16	31.43	31.11	34.99	164.28	163.96	183.57
2049-10-09	1.26	1.22	1.29	0.60	0.57	0.60	0.12	0.09	0.09	0.70	0.69	0.73	0.56	0.55	0.58	0.17	0.16	0.17	22.18	21.88	24.61	30.97	30.67	34.44	163.82	163.52	183.02
2049-10-10	1.23	1.20	1.27	0.59	0.56	0.59	0.12	0.09	0.09	0.69	0.68	0.72	0.55	0.54	0.57	0.16	0.16	0.16	22.15	21.86	24.62	30.94	30.64	34.45	163.79	163.49	183.03
2049-10-11	1.21	1.18	1.24	0.58	0.55	0.58	0.12	0.09	0.09	0.67	0.67	0.70	0.54	0.53	0.56	0.16	0.15	0.16	22.09	21.80	24.62	30.88	30.59	34.45	163.73	163.44	183.02
2049-10-12	1.18	1.15	1.21	0.57	0.54	0.56	0.11	0.08	0.09	0.66	0.65	0.68	0.52	0.52	0.54	0.16	0.15	0.16	21.73	21.46	24.17	30.51	30.25	34.00	163.36	163.10	182.58
2049-10-13	1.21	1.17	1.24	0.58	0.54	0.58	0.12	0.08	0.09	0.67	0.66	0.71	0.54	0.53	0.56	0.16	0.15	0.16	21.42	21.20	23.80	30.21	29.99	33.63	163.06	162.84	182.21
2049-10-14	1.34	1.29	1.42	0.64	0.60	0.66	0.13	0.09	0.09	0.75	0.74	0.81	0.59	0.59	0.65	0.18	0.17	0.19	21.16	21.07	23.49	29.95	29.86	33.32	162.80	162.71	181.89
2049-10-15	1.31	1.27	1.38	0.63	0.59	0.65	0.13	0.09	0.10	0.73	0.72	0.78	0.58	0.57	0.62	0.17	0.17	0.18	20.17	20.09	22.40	28.41	28.32	31.61	139.38	139.29	155.72
2049-10-16	1.27	1.24	1.33	0.61	0.58	0.62	0.12	0.09	0.09	0.71	0.70	0.76	0.56	0.56	0.60	0.17	0.16	0.17	20.01	19.93	22.27	28.25	28.17	31.48	139.22	139.14	155.59
2049-10-17	1.23	1.20	1.29	0.59	0.56	0.60	0.12	0.09	0.09	0.69	0.68	0.73	0.55	0.54	0.58	0.16	0.16	0.17	19.84	20.03	22.07	28.07	28.26	31.28	139.04	139.23	155.39
2049-10-18	1.20	1.17	1.25	0.58	0.55	0.58	0.12	0.08	0.09	0.67	0.66	0.71	0.53	0.53	0.56	0.16	0.15	0.16	19.68	19.50	21.88	27.92	27.73	31.09	138.89	138.70	155.20
2049-10-19	1.17	1.14	1.22	0.56	0.53	0.57	0.11	0.08	0.09	0.65	0.65	0.69	0.52	0.51	0.55	0.15	0.15	0.16	19.55	19.37	21.72	27.78	27.61	30.93	138.75	138.58	155.04
2049-10-20	1.15	1.12	1.19	0.55	0.52	0.55	0.11	0.08	0.09	0.64	0.63	0.67	0.51	0.50	0.53	0.15	0.14	0.15	19.43	19.32	21.57	27.66	27.56	30.78	138.63	138.53	154.89
2049-10-21	1.18	1.14	1.22	0.56	0.53	0.57	0.11	0.08	0.08	0.66	0.65	0.70	0.52	0.52	0.55	0.16	0.15	0.16	19.32	19.26	21.45	27.56	27.49	30.66	138.53	138.46	154.77
2049-10-22	1.66	1.59	1.79	0.80	0.72	0.81	0.16	0.09	0.09	0.93	0.92	1.04	0.74	0.73	0.83	0.22	0.21	0.24	19.23	19.17	21.34	27.46	27.40	30.54	138.43	138.38	154.65
2049-10-23	1.92	1.85	2.12	0.92	0.85	0.97	0.18	0.11	0.13	1.07	1.06	1.23	0.85	0.84	0.98	0.25	0.25	0.29	19.14	19.09	21.24	27.37	27.32	30.44	138.35	138.29	154.55
2049-10-24	1.60	1.56	1.82	0.77	0.73	0.85	0.15	0.12	0.13	0.89	0.88	1.04	0.71	0.70	0.82	0.21	0.20	0.24	19.06	19.01	21.15	27.30	27.25	30.36	138.27	138.22	154.47
2049-10-25	1.66	1.61	1.96	0.80	0.75	0.90	0.16	0.11	0.12	0.93	0.92	1.13	0.74	0.73	0.90	0.22	0.21	0.26	18.99	18.95	21.07	27.23	27.18	30.28	138.20	138.15	154.39
2049-10-26	1.59	1.54	1.84	0.76	0.72	0.85	0.15	0.11	0.13	0.89	0.88	1.05	0.71	0.70	0.83	0.21	0.20	0.24	19.00	18.95	21.11	27.23	27.18	30.32	138.21	138.15	154.43
2049-10-27	1.52	1.47	1.73	0.73	0.68	0.80	0.15	0.09	0.11	0.85	0.84	0.99	0.68	0.67	0.79	0.20	0.19	0.23	19.00	18.95	21.19	27.24	27.19	30.40	138.21	138.16	154.51
2049-10-28	1.47	1.42	1.65	0.70	0.66	0.76	0.14	0.09	0.11	0.82	0.81	0.94	0.65	0.64	0.75	0.19	0.18	0.22	18.94	18.89	21.14	27.17	27.12	30.35	138.14	138.09	154.46
2049-10-29	1.41	1.38	1.47	0.68	0.65	0.62	0.14	0.11	0.00	0.79	0.78	0.90	0.63	0.62	0.71	0.19	0.18	0.21	18.88	18.81	21.04	27.11	27.05	30.25	138.08	138.02	154.36
2049-10-30	1.36	1.23	1.46	0.65	0.52	0.65	0.13	0.00	0.05	0.76	0.75	0.86	0.61	0.60	0.68	0.18	0.17	0.20	18.83	18.76	20.97	27.06	27.00	30.18	138.03	137.97	154.29
2049-10-31	1.42	1.29	1.70	0.68	0.55	0.78	0.14	0.00	0.10	0.79	0.79	0.98	0.63	0.62	0.78	0.19	0.18	0.23	18.78	18.72	20.92	27.01	26.95	30.13	137.98	137.93	154.24
2049-11-01	1.50	1.41	2.28	0.72	0.63	1.04	0.14	0.05	0.12	0.84	0.83	1.32	0.67	0.66	1.05	0.20	0.19	0.31	18.73	18.71	19.98	26.97	26.94	28.74	137.94	137.91	146.81
2049-11-02	1.47	1.33	1.96	0.70	0.56	0.92	0.14	0.00	0.14	0.82	0.82	1.12	0.65	0.65	0.89	0.19	0.19	0.27	18.69	18.65	19.90	26.93	26.88	28.66	137.90	137.86	146.72
2049-11-03	1.59	1.53	2.24	0.76	0.71	1.02	0.15	0.10	0.13	0.89	0.88	1.30	0.71	0.70	1.03	0.21	0.21	0.31	18.65	18.62	19.85	26.89	26.85	28.61	137.86	137.82	146.67
2049-11-04	1.80	1.74	3.36	0.86	0.80	1.89	0.17	0.11	0.81	1.00	1.00	1.59	0.80	0.80	1.27	0.24	0.24	0.39	18.62	18.57	19.79	26.85	26.80	28.55	137.82	137.77	146.61
2049-11-05	3.14	2.96	4.08	1.51	1.32	1.73	0.30	0.11	0.00	1.75	1.75	2.51	1.40	1.39	2.00	0.41	0.41	0.59	18.59	18.54	19.75	26.82	26.77	28.51	137.79	137.74	146.57
2049-11-06	5.38	5.13	6.88	2.58	2.34	3.10	0.52	0.27	0.30	3.00	3.00	4.05	2.39	2.39	3.22	0.71	0.71	0.96	18.56	18.51	19.71	26.79	26.74	28.47	137.76	137.71	146.53
2049-11-07	3.39	3.07	4.81	1.63	1.30	2.26	0.33	0.00	0.38	1.89	1.88	2.73	1.51	1.50	2.17	0.45	0.44	0.64	18.53	18.49	19.68	26.76	26.72	28.44	137.73	137.70	146.50
2049-11-08	3.10	2.80	4.20	1.49	1.19	1.94	0.30	0.00	0.27	1.73	1.72	2.42	1.38	1.37	1.93	0.41	0.41	0.57	18.50	18.46	19.65	26.74	26.70	28.41	137.71	137.67	146.47
2049-11-09	2.83	2.56	3.72	1.36	1.09	1.72	0.27	0.00	0.23	1.58	1.57	2.14	1.26	1.25	1.71	0.37	0.37	0.50									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2049-12-08	1.22	1.18	1.47	0.58	0.55	0.68	0.12	0.08	0.10	0.68	0.68	0.84	0.54	0.54	0.67	0.16	0.16	0.20	18.34	18.29	18.58	27.07	27.02	27.44	122.91	122.87	124.70
2049-12-09	1.29	1.25	1.58	0.62	0.58	0.73	0.12	0.08	0.10	0.72	0.72	0.91	0.57	0.57	0.72	0.17	0.17	0.22	18.34	18.29	18.58	27.07	27.02	27.43	122.91	122.86	124.70
2049-12-10	1.57	1.51	1.86	0.75	0.70	0.86	0.15	0.09	0.12	0.87	0.88	1.08	0.70	0.70	0.86	0.21	0.21	0.26	18.34	18.30	18.57	27.07	27.03	27.43	122.91	122.87	124.69
2049-12-11	1.98	1.91	2.35	0.95	0.88	1.08	0.19	0.12	0.14	1.10	1.11	1.37	0.88	0.88	1.09	0.26	0.27	0.33	18.34	18.31	18.57	27.07	27.04	27.43	122.91	122.88	124.69
2049-12-12	2.17	2.09	2.64	1.04	0.96	1.21	0.21	0.13	0.15	1.21	1.21	1.54	0.96	0.97	1.22	0.29	0.29	0.37	18.34	18.31	18.57	27.07	27.04	27.43	122.91	122.88	124.69
2049-12-13	1.80	1.75	2.27	0.86	0.82	1.05	0.17	0.13	0.16	1.00	1.00	1.30	0.80	0.80	1.03	0.24	0.24	0.31	18.34	18.32	18.57	27.07	27.05	27.43	122.91	122.89	124.69
2049-12-14	1.71	1.65	2.10	0.82	0.77	0.97	0.16	0.11	0.14	0.95	0.95	1.21	0.76	0.76	0.96	0.22	0.22	0.28	18.34	18.32	18.57	27.07	27.05	27.43	122.91	122.89	124.69
2049-12-15	1.63	1.57	1.96	0.78	0.73	0.91	0.16	0.10	0.12	0.91	0.90	1.13	0.72	0.72	0.90	0.21	0.21	0.27	13.64	13.62	13.83	19.91	19.88	20.19	83.73	83.71	84.96
2049-12-16	1.56	1.51	1.85	0.75	0.70	0.85	0.15	0.10	0.12	0.87	0.86	1.06	0.69	0.69	0.85	0.21	0.20	0.25	13.72	13.69	13.99	19.98	19.96	20.35	83.81	83.78	85.11
2049-12-17	1.49	1.45	1.75	0.72	0.67	0.81	0.14	0.10	0.11	0.83	0.83	1.01	0.66	0.66	0.80	0.20	0.19	0.24	13.60	13.58	13.82	19.86	19.85	20.18	83.68	83.67	84.95
2049-12-18	1.44	1.40	1.66	0.69	0.65	0.77	0.14	0.09	0.11	0.80	0.80	0.96	0.64	0.64	0.76	0.19	0.19	0.22	13.59	13.57	13.77	19.86	19.84	20.13	83.68	83.66	84.89
2049-12-19	1.39	1.35	1.59	0.67	0.63	0.74	0.13	0.09	0.11	0.77	0.77	0.91	0.62	0.61	0.73	0.18	0.18	0.21	13.58	13.55	13.76	19.84	19.82	20.12	83.67	83.64	84.88
2049-12-20	1.34	1.30	1.52	0.64	0.61	0.70	0.13	0.09	0.10	0.75	0.75	0.87	0.60	0.59	0.69	0.18	0.18	0.21	13.58	13.54	13.74	19.84	19.81	20.10	83.67	83.63	84.86
2049-12-21	1.30	1.27	1.46	0.62	0.59	0.68	0.12	0.09	0.10	0.73	0.72	0.84	0.58	0.58	0.67	0.17	0.17	0.20	13.58	13.55	13.73	19.84	19.81	20.09	83.67	83.63	84.86
2049-12-22	1.26	1.23	1.40	0.61	0.57	0.65	0.12	0.08	0.09	0.70	0.70	0.80	0.56	0.56	0.64	0.17	0.16	0.19	13.58	13.56	13.74	19.85	19.82	20.10	83.67	83.64	84.86
2049-12-23	1.23	1.19	1.35	0.59	0.55	0.63	0.12	0.08	0.09	0.69	0.68	0.77	0.55	0.54	0.62	0.16	0.16	0.18	13.58	13.56	13.73	19.85	19.82	20.09	83.67	83.64	84.86
2049-12-24	1.20	1.16	1.31	0.57	0.54	0.61	0.11	0.08	0.09	0.67	0.66	0.75	0.53	0.53	0.60	0.16	0.16	0.18	13.58	13.56	13.73	19.85	19.82	20.09	83.67	83.65	84.86
2049-12-25	1.17	1.13	1.27	0.56	0.53	0.59	0.11	0.08	0.08	0.65	0.65	0.72	0.52	0.52	0.58	0.15	0.15	0.17	13.58	13.56	13.73	19.85	19.83	20.09	83.67	83.65	84.86
2049-12-26	1.14	1.11	1.23	0.55	0.51	0.57	0.11	0.07	0.08	0.64	0.63	0.70	0.51	0.50	0.56	0.15	0.15	0.16	13.58	13.56	13.73	19.85	19.82	20.09	83.67	83.65	84.86
2049-12-27	1.12	1.08	1.20	0.54	0.50	0.55	0.11	0.07	0.08	0.62	0.62	0.68	0.50	0.49	0.54	0.15	0.14	0.16	13.64	13.61	13.80	19.90	19.88	20.16	83.73	83.70	84.92
2049-12-28	1.09	1.06	1.16	0.53	0.49	0.54	0.10	0.07	0.08	0.61	0.61	0.67	0.49	0.48	0.53	0.14	0.14	0.15	13.70	13.68	13.88	19.97	19.95	20.24	83.79	83.77	85.01
2049-12-29	1.07	1.03	1.13	0.52	0.48	0.52	0.10	0.06	0.07	0.60	0.59	0.65	0.48	0.47	0.51	0.14	0.14	0.15	13.59	13.57	13.75	19.86	19.84	20.11	83.68	83.66	84.87
2049-12-30	1.05	1.02	1.10	0.51	0.47	0.51	0.10	0.06	0.07	0.59	0.58	0.63	0.47	0.46	0.50	0.14	0.13	0.15	13.58	13.56	13.73	19.85	19.82	20.09	83.67	83.65	84.86
2049-12-31	1.04	1.00	1.08	0.50	0.46	0.50	0.10	0.07	0.07	0.58	0.57	0.62	0.46	0.46	0.49	0.14	0.13	0.14	13.58	13.56	13.73	19.85	19.83	20.09	83.67	83.65	84.86
2050-01-01	1.02	0.99	1.06	0.49	0.46	0.49	0.10	0.07	0.07	0.57	0.56	0.61	0.45	0.45	0.48	0.13	0.13	0.14	13.58	13.57	13.55	19.85	19.83	19.82	83.67	83.66	83.62
2050-01-02	1.00	0.97	1.04	0.48	0.45	0.48	0.10	0.07	0.07	0.56	0.56	0.60	0.45	0.44	0.47	0.13	0.13	0.14	13.59	13.56	13.55	19.85	19.83	19.81	83.68	83.65	83.61
2050-01-03	0.99	0.95	1.02	0.47	0.44	0.47	0.09	0.06	0.07	0.55	0.55	0.58	0.44	0.43	0.46	0.13	0.13	0.13	13.59	13.56	13.55	19.85	19.83	19.81	83.68	83.65	83.62
2050-01-04	0.97	0.94	1.00	0.47	0.44	0.46	0.09	0.06	0.07	0.54	0.54	0.57	0.43	0.43	0.46	0.13	0.12	0.13	13.59	13.56	13.55	19.86	19.83	19.81	83.68	83.65	83.62
2050-01-05	0.96	0.94	0.99	0.46	0.44	0.46	0.09	0.07	0.07	0.54	0.53	0.57	0.43	0.42	0.45	0.13	0.12	0.13	13.59	13.56	13.55	19.86	19.83	19.81	83.68	83.65	83.62
2050-01-06	0.95	0.92	0.98	0.46	0.43	0.46	0.09	0.07	0.07	0.53	0.53	0.56	0.42	0.42	0.44	0.12	0.12	0.13	13.59	13.57	13.55	19.86	19.83	19.82	83.68	83.66	83.62
2050-01-07	0.94	0.92	0.97	0.45	0.43	0.45	0.09	0.07	0.07	0.52	0.52	0.55	0.42	0.41	0.44	0.12	0.12	0.13	13.59	13.57	13.56	19.86	19.84	19.82	83.68	83.66	83.62
2050-01-08	0.93	0.90	0.95	0.44	0.42	0.44	0.09	0.06	0.07	0.52	0.51	0.54	0.41	0.41	0.43	0.12	0.12	0.13	13.69	13.67	13.69	19.96	19.93	19.95	83.78	83.75	83.76
2050-01-09	0.92	0.89	0.94	0.44	0.42	0.44	0.09	0.06	0.07	0.51	0.51	0.53	0.41	0.40	0.42	0.12	0.12	0.12	13.90	13.86	13.96	20.16	20.13	20.23	83.99	83.95	84.03
2050-01-10	0.91	0.89	0.93	0.44	0.41	0.43	0.09	0.07	0.07	0.51	0.50	0.53	0.40	0.40	0.42	0.12	0.12	0.12	13.78	13.76	13.83	20.05	20.03	20.09	83.87	83.85	83.89
2050-01-11	0.90	0.88	0.92	0.43	0.41	0.43	0.09	0.07	0.07	0.50	0.50	0.52	0.40	0.40	0.42	0.12	0.12	0.12	13.59	13.58	13.58	19.86	19.84	19.85	83.68	83.66	83.65
2050-01-12	0.89	0.87	0.91	0.43	0.41	0.42	0.09	0.06	0.07	0.50	0.49	0.51	0.39	0.39	0.41	0.12	0.12	0.12	13.58	13.55	13.57	19.84	19.82	19.83	83.66	83.64	83.63
2050-01-13	0.88	0.86	0.90	0.42	0.40	0.42	0.08	0.06	0.07	0.49	0.49	0.51	0.39	0.39	0.41	0.12	0.11	0.12	13.58	13.55	13.56	19.84	19.81	19.82	83.67	83.64	83.62
2050-01-14	0.87	0.85	0.89	0.42	0.40	0.41	0.08	0.06	0.07	0.49	0.48	0.50	0.39	0.39	0.40	0.12	0.11	0.12	13.58	13.55	13.55	19.84	19.81	19.81	83.67	83.64	83.62
2050-01-15	0.87	0.85	0.88	0.42	0.40	0.41	0.08	0.06	0.07	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	10.50	10.47	10.47	16.42	16.39	16.39	69.60	69.57	69.55
2050-01-16	0.86	0.84	0.87	0.41	0.40	0.41	0.08	0.06	0.07	0.48	0.48	0.49	0.38	0.38	0.39	0.11	0.11	0.12	10.50	10.48	10.47	16.42	16.40	16.38	69.60	69.57	69.55
2050-01-17	0.85	0.84	0.87	0.41	0.39	0.41	0.08	0.06	0.07	0.48	0.47	0.49	0.38	0.38	0.39	0.11	0.11	0.12	10.50	10.48	10.47	16.42	16.40	16.38	69.60	69.58	69.55
2050-01-18	0.85	0.83	0.86	0.41	0.39	0.40	0.08	0.07	0.07	0.47	0.47	0.49	0.38	0.37	0.39	0.11	0.11	0.11	10.51	10.48	10.47	16.43	16.40	16.39	69.60	69.58	69.55
2050-01-19	0.84	0.82	0.85	0.40	0.39	0.40	0.08	0.06	0.07	0.47	0.47	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.51	10.49	10.48	16.43	16.41	16.39	69.60	6	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2050-02-17	1.62	1.57	2.56	0.78	0.73	1.18	0.16	0.11	0.17	0.90	0.90	1.47	0.72	0.72	1.17	0.21	0.21	0.35	10.46	10.43	10.39	15.39	15.36	15.32	65.48	65.46	65.35
2050-02-18	1.55	1.50	2.36	0.74	0.70	1.09	0.15	0.10	0.15	0.86	0.86	1.36	0.69	0.69	1.08	0.20	0.20	0.32	10.46	10.43	10.40	15.39	15.37	15.32	65.49	65.46	65.35
2050-02-19	1.51	1.46	2.23	0.72	0.68	1.03	0.14	0.10	0.14	0.84	0.84	1.28	0.67	0.67	1.02	0.20	0.20	0.30	10.46	10.43	10.40	15.39	15.37	15.32	65.49	65.46	65.35
2050-02-20	1.47	1.42	2.11	0.70	0.66	0.98	0.14	0.10	0.14	0.82	0.82	1.22	0.65	0.65	0.97	0.19	0.19	0.29	10.46	10.43	10.40	15.39	15.36	15.32	65.49	65.46	65.35
2050-02-21	1.41	1.37	1.98	0.68	0.63	0.91	0.14	0.09	0.13	0.79	0.78	1.14	0.63	0.62	0.90	0.19	0.18	0.27	10.46	10.44	10.40	15.39	15.37	15.32	65.49	65.47	65.36
2050-02-22	1.36	1.32	1.86	0.65	0.61	0.86	0.13	0.09	0.12	0.76	0.76	1.07	0.61	0.60	0.85	0.18	0.18	0.25	10.46	10.43	10.40	15.39	15.36	15.32	65.49	65.46	65.35
2050-02-23	1.32	1.28	1.76	0.63	0.60	0.82	0.13	0.09	0.12	0.74	0.73	1.01	0.59	0.58	0.81	0.17	0.17	0.24	10.46	10.44	10.40	15.39	15.37	15.33	65.49	65.47	65.36
2050-02-24	1.28	1.25	1.67	0.61	0.58	0.78	0.12	0.09	0.11	0.71	0.71	0.96	0.57	0.57	0.77	0.17	0.17	0.23	10.46	10.44	10.40	15.39	15.37	15.33	65.49	65.47	65.36
2050-02-25	1.24	1.21	1.60	0.60	0.56	0.74	0.12	0.08	0.11	0.69	0.69	0.92	0.55	0.55	0.73	0.16	0.16	0.22	10.46	10.44	10.40	15.39	15.37	15.32	65.49	65.46	65.36
2050-02-26	1.21	1.18	1.53	0.58	0.55	0.71	0.12	0.08	0.10	0.68	0.67	0.88	0.54	0.54	0.70	0.16	0.16	0.21	10.46	10.44	10.40	15.39	15.37	15.33	65.49	65.47	65.36
2050-02-27	1.18	1.15	1.46	0.57	0.53	0.68	0.11	0.08	0.10	0.66	0.66	0.84	0.52	0.52	0.67	0.16	0.15	0.20	10.46	10.44	10.40	15.39	15.37	15.33	65.49	65.47	65.36
2050-02-28	1.15	1.12	1.41	0.55	0.52	0.65	0.11	0.08	0.09	0.64	0.64	0.81	0.51	0.51	0.64	0.15	0.15	0.19	10.46	10.44	10.41	15.39	15.37	15.33	65.49	65.47	65.37
2050-03-01	1.13	1.10	1.36	0.54	0.51	0.63	0.11	0.08	0.09	0.63	0.63	0.78	0.50	0.50	0.62	0.15	0.15	0.18	10.72	10.68	27.06	15.65	15.62	40.30	65.75	65.71	174.75
2050-03-02	1.10	1.07	1.31	0.53	0.50	0.61	0.11	0.07	0.09	0.62	0.61	0.75	0.49	0.49	0.60	0.15	0.14	0.18	12.05	11.93	31.17	16.98	16.86	44.41	67.07	66.96	178.86
2050-03-03	1.08	1.05	1.27	0.52	0.49	0.59	0.10	0.07	0.08	0.60	0.60	0.73	0.48	0.48	0.58	0.14	0.14	0.17	12.76	12.67	32.27	17.70	17.60	45.51	67.79	67.70	179.96
2050-03-04	1.06	1.03	1.27	0.51	0.48	0.59	0.10	0.07	0.09	0.59	0.59	0.72	0.47	0.47	0.58	0.14	0.14	0.17	10.84	10.87	28.72	15.77	15.80	41.95	65.87	65.90	176.41
2050-03-05	1.09	1.06	1.59	0.52	0.49	0.73	0.10	0.08	0.10	0.61	0.61	0.92	0.48	0.48	0.73	0.14	0.14	0.22	10.81	10.78	28.30	15.74	15.71	41.53	65.84	65.81	175.99
2050-03-06	1.18	1.16	2.58	0.57	0.55	1.19	0.11	0.10	0.17	0.66	0.66	1.51	0.52	0.53	1.21	0.16	0.16	0.37	10.78	10.75	28.07	15.71	15.68	41.30	65.81	65.78	175.76
2050-03-07	1.14	1.12	2.74	0.55	0.53	1.28	0.11	0.09	0.21	0.63	0.64	1.58	0.51	0.51	1.26	0.15	0.15	0.39	10.76	10.73	27.90	15.69	15.66	41.13	65.79	65.76	175.59
2050-03-08	1.21	1.18	3.17	0.58	0.55	1.47	0.12	0.09	0.21	0.68	0.68	1.84	0.54	0.54	1.47	0.16	0.16	0.45	10.73	10.70	27.90	15.66	15.63	41.13	65.76	65.73	175.59
2050-03-09	1.84	1.78	4.22	0.88	0.82	1.94	0.18	0.11	0.26	1.03	1.03	2.46	0.82	0.83	1.97	0.24	0.25	0.60	10.71	10.68	27.89	15.64	15.61	41.12	65.74	65.71	175.57
2050-03-10	2.17	2.12	5.01	1.04	0.99	2.34	0.21	0.16	0.37	1.21	1.22	2.89	0.96	0.98	2.31	0.29	0.30	0.71	10.69	10.66	27.80	15.62	15.59	41.04	65.72	65.69	175.49
2050-03-11	2.15	2.10	5.28	1.03	0.99	2.45	0.21	0.16	0.36	1.20	1.21	3.06	0.95	0.96	2.44	0.28	0.29	0.74	10.67	10.64	27.76	15.60	15.57	41.00	65.70	65.67	175.45
2050-03-12	2.53	2.45	5.52	1.22	1.14	2.35	0.24	0.16	0.00	1.41	1.42	3.35	1.13	1.14	2.65	0.33	0.35	0.75	10.65	10.62	27.94	15.58	15.55	41.18	65.68	65.65	175.63
2050-03-13	4.72	4.46	11.28	2.27	2.01	4.79	0.45	0.19	0.00	2.63	2.64	6.94	2.10	2.11	5.53	0.62	0.64	1.63	10.72	10.69	29.31	15.65	15.62	42.55	65.75	65.72	177.00
2050-03-14	9.17	8.95	33.05	4.40	4.18	15.07	0.88	0.66	1.79	5.12	5.11	19.28	4.07	4.07	15.35	1.21	1.21	4.54	11.85	11.78	32.01	16.78	16.71	45.24	66.88	66.81	179.69
2050-03-15	8.90	8.83	35.88	4.27	4.20	16.39	0.85	0.78	1.99	4.97	4.96	20.88	3.95	3.95	16.63	1.17	1.17	4.95	15.35	15.27	41.46	22.20	22.12	59.85	84.46	84.38	226.94
2050-03-16	6.48	6.32	20.04	3.11	2.95	9.66	0.62	0.46	1.99	3.61	3.61	11.13	2.88	2.87	8.87	0.85	0.86	2.64	14.46	14.46	41.87	21.31	21.32	60.25	83.57	83.57	227.34
2050-03-17	5.78	5.58	15.11	2.78	2.57	7.56	0.55	0.35	1.99	3.23	3.22	8.08	2.57	2.57	6.44	0.76	0.76	1.92	14.24	14.19	41.39	21.09	21.04	59.78	83.35	83.30	226.87
2050-03-18	5.21	5.06	10.49	2.50	2.36	4.46	0.50	0.36	0.00	2.90	2.91	6.45	2.31	2.32	5.14	0.69	0.70	1.52	14.15	14.10	39.79	21.00	20.95	58.18	83.26	83.21	225.27
2050-03-19	4.72	4.55	9.44	2.27	2.09	4.28	0.45	0.28	0.46	2.63	2.63	5.53	2.10	2.09	4.41	0.62	0.62	1.31	14.07	14.02	38.64	20.92	20.87	57.03	83.18	83.13	224.12
2050-03-20	4.65	4.48	8.99	2.23	2.06	4.14	0.45	0.27	0.57	2.60	2.60	5.18	2.07	2.07	4.13	0.61	0.62	1.23	14.00	13.95	38.10	20.85	20.80	56.49	83.11	83.06	223.57
2050-03-21	4.92	4.71	8.44	2.36	2.16	3.86	0.47	0.27	0.48	2.74	2.74	4.90	2.18	2.19	3.90	0.65	0.65	1.16	13.93	13.89	37.92	20.78	20.74	56.30	83.04	82.99	223.39
2050-03-22	5.34	5.14	8.76	2.56	2.36	3.98	0.51	0.31	0.46	2.98	2.99	5.11	2.37	2.38	4.07	0.70	0.72	1.21	13.87	13.83	37.46	20.72	20.68	55.85	82.98	82.94	222.93
2050-03-23	5.26	5.05	8.81	2.53	2.32	4.07	0.50	0.30	0.57	2.94	2.93	5.07	2.34	2.34	4.04	0.69	0.70	1.20	13.81	13.77	36.86	20.67	20.62	55.25	82.92	82.88	222.33
2050-03-24	4.67	4.52	7.23	2.24	2.09	3.34	0.45	0.30	0.47	2.60	2.60	4.16	2.07	2.07	3.32	0.61	0.62	0.99	13.76	13.72	36.37	20.62	20.57	54.76	82.87	82.83	221.84
2050-03-25	4.18	4.03	6.04	2.01	1.86	2.79	0.40	0.25	0.39	2.33	2.33	3.48	1.86	1.85	2.77	0.55	0.55	0.82	13.72	13.68	35.97	20.57	20.53	54.36	82.83	82.79	221.45
2050-03-26	5.58	5.29	6.75	2.68	2.39	3.06	0.54	0.25	0.33	3.11	3.11	3.95	2.48	2.48	3.15	0.74	0.74	0.93	13.67	13.64	35.64	20.53	20.49	54.03	82.78	82.75	221.12
2050-03-27	8.11	7.76	8.73	3.89	3.54	3.93	0.78	0.43	0.39	4.52	4.54	5.14	3.60	3.62	4.09	1.07	1.09	1.21	13.63	13.60	35.54	20.49	20.45	53.93	82.74	82.71	221.02
2050-03-28	6.24	6.07	7.77	2.99	2.83	3.59	0.60	0.43	0.51	3.48	3.48	4.47	2.77	2.77	3.56	0.82	0.83	1.06	13.61	13.58	35.88	20.46	20.43	54.27	82.72	82.69	221.36
2050-03-29	5.83	5.61	6.58	2.80	2.58	3.04	0.56	0.34	0.42	3.25	3.25	3.80	2.59	2.59	3.02	0.77	0.77	0.90	13.61	13.59	36.50	20.46	20.44	54.89	82.72	82.70	221.98
2050-03-30	5.90	5.69	6.05	2.83	2.63	2.78	0.57	0.36	0.36	3.29	3.30	3.50	2.62	2.63	2.79	0.78	0.79	0.83	13.64	13.62	37.01	20.50	20.48	55.40	82.75	82.73	222.49
2050-03-31	5.39	5.22	5.45	2.59	2.41	2.51	0.52	0.34	0.34	3.01	3.01	3.15	2.39	2.40	2.51	0.71	0.72	0.75	13.75	13.73	37.62	20.60	20.58				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2050-04-29	2.36	2.13	1.07	1.13	0.91	0.50	0.23	0.00	0.08	1.32	1.31	0.61	1.05	1.04	0.49	0.31	0.31	0.14	29.58	29.52	56.38	41.08	41.02	80.81	165.23	165.17	344.65
2050-04-30	2.38	2.15	1.05	1.14	0.91	0.49	0.23	0.00	0.08	1.33	1.32	0.60	1.06	1.05	0.48	0.31	0.31	0.14	29.11	29.01	56.16	40.60	40.51	80.59	164.75	164.66	344.43
2050-05-01	2.38	2.15	1.04	1.14	0.91	0.48	0.23	0.00	0.08	1.33	1.32	0.59	1.06	1.05	0.47	0.31	0.31	0.14	28.77	28.67	17.14	40.26	40.17	23.65	164.41	164.31	93.93
2050-05-02	2.21	2.01	1.02	1.06	0.86	0.47	0.21	0.01	0.07	1.23	1.22	0.57	0.98	0.97	0.45	0.29	0.28	0.13	28.65	28.55	17.00	40.15	40.05	23.51	164.30	164.19	93.79
2050-05-03	2.13	2.05	1.00	1.02	0.95	0.47	0.20	0.13	0.07	1.19	1.18	0.56	0.94	0.94	0.45	0.28	0.27	0.13	28.91	28.82	16.89	40.41	40.31	23.39	164.55	164.46	93.67
2050-05-04	2.07	2.00	0.98	0.99	0.92	0.46	0.20	0.13	0.07	1.15	1.14	0.55	0.92	0.91	0.44	0.27	0.26	0.13	29.26	29.20	16.74	40.76	40.70	23.25	164.91	164.85	93.53
2050-05-05	1.96	1.90	0.97	0.94	0.88	0.45	0.19	0.12	0.07	1.09	1.08	0.55	0.87	0.86	0.43	0.26	0.25	0.12	29.65	29.57	16.61	41.15	41.06	23.12	165.30	165.21	93.40
2050-05-06	2.10	2.02	1.12	1.01	0.93	0.52	0.20	0.12	0.07	1.17	1.16	0.64	0.93	0.93	0.51	0.28	0.27	0.15	30.30	30.21	16.50	41.80	41.71	23.01	165.95	165.85	93.29
2050-05-07	2.23	2.15	1.53	1.07	0.99	0.70	0.21	0.13	0.09	1.24	1.23	0.88	0.99	0.98	0.70	0.29	0.29	0.20	30.86	30.78	16.40	42.36	42.28	22.91	166.51	166.42	93.19
2050-05-08	2.08	2.02	1.15	1.00	0.93	0.54	0.20	0.13	0.10	1.16	1.15	0.64	0.93	0.92	0.51	0.27	0.27	0.15	31.39	31.49	16.31	42.89	42.99	22.82	167.04	167.14	93.10
2050-05-09	2.04	1.97	1.10	0.98	0.91	0.51	0.20	0.13	0.08	1.14	1.13	0.62	0.91	0.90	0.49	0.27	0.26	0.14	31.86	31.45	16.23	43.36	42.95	22.74	167.51	167.09	93.02
2050-05-10	2.00	1.93	1.08	0.96	0.89	0.51	0.19	0.13	0.08	1.11	1.11	0.61	0.89	0.88	0.48	0.26	0.26	0.14	31.86	31.53	16.16	43.36	43.02	22.67	167.51	167.17	92.95
2050-05-11	1.88	1.82	1.06	0.90	0.85	0.49	0.18	0.12	0.08	1.05	1.04	0.60	0.84	0.83	0.47	0.25	0.24	0.14	31.88	31.61	16.10	43.37	43.11	22.61	167.52	167.26	92.89
2050-05-12	1.79	1.74	1.05	0.86	0.81	0.49	0.17	0.12	0.08	1.00	0.99	0.59	0.80	0.79	0.47	0.24	0.23	0.14	32.00	31.53	16.04	43.50	43.03	22.55	167.65	167.18	92.83
2050-05-13	1.71	1.67	1.05	0.82	0.77	0.49	0.16	0.11	0.08	0.96	0.95	0.59	0.76	0.75	0.47	0.23	0.22	0.14	33.83	33.25	16.56	45.33	44.74	23.07	169.47	168.89	93.35
2050-05-14	1.63	1.59	1.03	0.78	0.74	0.48	0.16	0.11	0.08	0.91	0.90	0.58	0.73	0.72	0.46	0.22	0.21	0.13	35.55	35.21	17.87	47.05	46.71	24.38	171.19	170.86	94.66
2050-05-15	1.56	1.52	1.01	0.75	0.70	0.47	0.15	0.10	0.07	0.87	0.86	0.57	0.69	0.69	0.45	0.21	0.20	0.13	105.37	105.18	57.59	134.97	134.78	74.35	650.72	650.53	366.32
2050-05-16	1.50	1.46	0.99	0.72	0.68	0.46	0.14	0.10	0.07	0.84	0.83	0.56	0.67	0.66	0.44	0.20	0.19	0.13	104.14	103.96	57.44	133.74	133.56	74.19	649.49	649.31	366.16
2050-05-17	1.44	1.40	0.98	0.69	0.65	0.46	0.14	0.10	0.07	0.81	0.80	0.55	0.64	0.63	0.44	0.19	0.18	0.13	103.47	103.29	57.33	133.07	132.89	74.08	648.82	648.65	366.05
2050-05-18	1.39	1.35	0.97	0.67	0.63	0.45	0.13	0.09	0.07	0.78	0.77	0.54	0.62	0.61	0.43	0.18	0.18	0.12	103.64	103.43	57.43	133.23	133.03	74.18	648.99	648.78	366.15
2050-05-19	1.35	1.31	0.95	0.65	0.61	0.44	0.13	0.09	0.07	0.75	0.74	0.54	0.60	0.59	0.43	0.18	0.17	0.12	103.58	103.40	57.52	133.18	133.00	74.28	648.94	648.76	366.25
2050-05-20	1.31	1.28	0.94	0.63	0.59	0.44	0.13	0.09	0.07	0.73	0.72	0.53	0.58	0.58	0.42	0.17	0.17	0.12	102.95	102.79	57.40	132.55	132.39	74.16	648.30	648.15	366.13
2050-05-21	1.28	1.25	0.93	0.62	0.58	0.43	0.12	0.09	0.07	0.72	0.71	0.52	0.57	0.56	0.41	0.17	0.16	0.12	102.37	102.23	57.29	131.97	131.82	74.05	647.72	647.58	366.02
2050-05-22	1.25	1.22	0.92	0.60	0.57	0.43	0.12	0.09	0.07	0.70	0.69	0.51	0.56	0.55	0.41	0.16	0.16	0.12	107.12	106.65	61.36	136.72	136.25	78.11	652.47	652.00	370.08
2050-05-23	1.22	1.18	0.90	0.58	0.55	0.42	0.12	0.08	0.07	0.68	0.67	0.51	0.54	0.53	0.40	0.16	0.15	0.11	114.76	114.36	69.72	144.36	143.96	86.47	660.11	659.72	378.44
2050-05-24	2.84	2.65	2.56	1.36	1.17	1.13	0.27	0.08	0.07	1.59	1.57	1.53	1.26	1.25	1.22	0.37	0.37	0.36	108.25	108.10	63.63	137.85	137.70	80.39	653.60	653.46	372.36
2050-05-25	7.25	6.96	7.19	3.48	3.19	3.36	0.70	0.41	0.53	4.05	4.03	4.10	3.22	3.21	3.26	0.96	0.95	0.97	106.18	105.96	62.17	135.78	135.56	78.92	651.53	651.31	370.89
2050-05-26	5.86	5.93	5.94	2.81	2.88	2.94	0.56	0.63	0.72	3.27	3.26	3.21	2.60	2.60	2.56	0.77	0.77	0.76	104.72	104.53	61.18	134.32	134.13	77.94	650.08	649.88	369.91
2050-05-27	4.35	4.25	4.01	2.09	1.98	1.88	0.42	0.31	0.30	2.43	2.42	2.27	1.93	1.92	1.81	0.57	0.57	0.53	103.65	103.48	60.43	133.25	133.08	77.19	649.01	648.84	369.15
2050-05-28	3.83	3.70	3.48	1.84	1.71	1.61	0.37	0.24	0.22	2.14	2.12	2.00	1.70	1.69	1.59	0.50	0.50	0.47	102.84	102.69	59.84	132.44	132.29	76.59	648.19	648.04	368.56
2050-05-29	3.58	3.45	3.21	1.72	1.59	1.48	0.34	0.21	0.20	1.99	1.98	1.85	1.59	1.58	1.47	0.47	0.46	0.43	102.20	102.07	59.36	131.80	131.67	76.12	647.55	647.42	368.09
2050-05-30	3.34	3.22	3.04	1.60	1.48	1.43	0.32	0.20	0.24	1.86	1.85	1.72	1.48	1.47	1.37	0.44	0.43	0.40	101.84	101.71	58.97	131.44	131.31	75.73	647.20	647.07	367.70
2050-05-31	4.09	3.89	3.82	1.97	1.76	1.72	0.39	0.19	0.17	2.28	2.27	2.24	1.82	1.81	1.78	0.54	0.53	0.52	102.26	102.09	59.21	131.85	131.69	75.96	647.61	647.44	367.93
2050-06-01	6.40	6.05	6.02	3.07	2.72	2.73	0.61	0.26	0.30	3.57	3.56	3.52	2.84	2.83	2.80	0.84	0.84	0.83	102.43	102.27	75.59	132.03	131.87	97.28	647.78	647.62	475.22
2050-06-02	5.39	5.27	4.78	2.59	2.46	2.23	0.52	0.39	0.35	3.01	3.00	2.73	2.40	2.39	2.17	0.71	0.71	0.64	101.87	101.74	75.20	131.47	131.34	96.89	647.22	647.10	474.83
2050-06-03	4.59	4.44	4.08	2.20	2.05	1.89	0.44	0.29	0.26	2.56	2.55	2.35	2.04	2.03	1.87	0.60	0.60	0.55	101.42	101.31	74.87	131.02	130.90	96.56	646.77	646.66	474.50
2050-06-04	3.99	3.85	3.58	1.91	1.78	1.65	0.38	0.25	0.23	2.22	2.21	2.06	1.77	1.76	1.64	0.53	0.52	0.48	101.05	100.94	74.59	130.65	130.54	96.28	646.40	646.30	474.22
2050-06-05	3.52	3.40	3.18	1.69	1.57	1.47	0.34	0.22	0.20	1.96	1.95	1.83	1.56	1.55	1.46	0.46	0.46	0.43	100.74	100.64	74.35	130.34	130.24	96.04	646.09	645.99	473.98
2050-06-06	3.15	3.04	2.87	1.51	1.40	1.32	0.30	0.19	0.18	1.76	1.75	1.65	1.40	1.39	1.31	0.42	0.41	0.38	100.48	100.39	74.15	130.07	129.98	95.84	645.83	645.74	473.78
2050-06-07	2.85	2.75	2.61	1.37	1.27	1.20	0.27	0.17	0.16	1.59	1.58	1.50	1.27	1.26	1.19	0.38	0.37	0.35	100.25	100.17	73.97	129.85	129.77	95.66	645.60	645.52	473.60
2050-06-08	2.61	2.52	2.40	1.25	1.16	1.11	0.25	0.16	0.15	1.46	1.44	1.38	1.16	1.15	1.09	0.34	0.34	0.32	100.06	99.98	73.82	129.66	129.58	95.51	645.41	645.33	473.45
2050-06-09	2.40	2.32	2.22	1.15	1.07	1.02	0.23	0.15	0.14	1.34	1.33	1.27	1.07	1.06	1.01	0.32	0.31	0.29	99.89	99.82	73.68	129.49	129.42	95.37	645.24	645.17	473.32
2050-06-10	2.23	2.16	2.07	1.07	0.99	0.95	0.21	0.14																			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2050-07-09	1.13	1.10	0.98	0.54	0.51	0.46	0.11	0.08	0.07	0.63	0.62	0.55	0.50	0.49	0.44	0.15	0.14	0.12	157.04	156.80	149.88	192.03	191.79	183.28	1007.89	1007.65	962.02
2050-07-10	1.11	1.08	0.97	0.53	0.50	0.45	0.11	0.08	0.07	0.62	0.61	0.54	0.49	0.48	0.43	0.15	0.14	0.12	154.94	154.86	147.84	189.93	189.85	181.23	1005.79	1005.71	959.97
2050-07-11	1.08	1.06	0.95	0.52	0.49	0.44	0.10	0.08	0.07	0.61	0.60	0.54	0.48	0.47	0.43	0.14	0.14	0.12	154.48	154.36	147.37	189.47	189.35	180.76	1005.33	1005.21	959.50
2050-07-12	1.06	1.04	0.94	0.51	0.48	0.44	0.10	0.08	0.07	0.59	0.59	0.53	0.47	0.47	0.42	0.14	0.13	0.12	154.10	153.99	147.02	189.09	188.98	180.42	1004.95	1004.84	959.16
2050-07-13	1.05	1.02	0.93	0.50	0.48	0.43	0.10	0.07	0.07	0.58	0.58	0.52	0.46	0.46	0.41	0.14	0.13	0.12	153.78	153.68	146.74	188.77	188.67	180.14	1004.63	1004.53	958.87
2050-07-14	1.03	1.00	0.92	0.49	0.47	0.43	0.10	0.07	0.07	0.57	0.57	0.52	0.46	0.45	0.41	0.14	0.13	0.12	153.51	153.42	146.49	188.50	188.41	179.89	1004.36	1004.27	958.63
2050-07-15	1.01	0.99	0.91	0.49	0.46	0.42	0.10	0.07	0.07	0.56	0.56	0.51	0.45	0.44	0.40	0.13	0.13	0.11	64.79	64.70	61.82	85.26	85.17	81.36	510.46	510.38	487.21
2050-07-16	1.00	0.98	0.90	0.48	0.46	0.42	0.10	0.07	0.07	0.56	0.55	0.50	0.44	0.44	0.40	0.13	0.12	0.11	64.59	64.51	61.64	85.06	84.98	81.18	510.27	510.19	487.03
2050-07-17	0.98	0.96	0.89	0.47	0.45	0.42	0.09	0.07	0.07	0.55	0.54	0.50	0.44	0.43	0.40	0.13	0.12	0.11	64.42	64.35	61.48	84.89	84.82	81.02	510.09	510.02	486.88
2050-07-18	0.99	0.96	0.89	0.47	0.45	0.41	0.09	0.07	0.07	0.55	0.54	0.50	0.44	0.43	0.40	0.13	0.12	0.11	64.27	64.20	61.34	84.74	84.67	80.88	509.95	509.88	486.74
2050-07-19	0.99	0.97	0.89	0.47	0.45	0.42	0.09	0.07	0.07	0.55	0.54	0.50	0.44	0.43	0.40	0.13	0.12	0.11	64.18	64.11	61.24	84.65	84.58	80.78	509.85	509.78	486.63
2050-07-20	0.98	0.95	0.88	0.47	0.45	0.41	0.09	0.07	0.07	0.54	0.54	0.49	0.43	0.43	0.39	0.13	0.12	0.11	64.09	64.03	61.15	84.56	84.50	80.69	509.77	509.70	486.54
2050-07-21	0.96	0.94	0.87	0.46	0.44	0.41	0.09	0.07	0.06	0.54	0.53	0.49	0.43	0.42	0.39	0.13	0.12	0.11	63.98	63.92	61.04	84.45	84.39	80.58	509.65	509.59	486.44
2050-07-22	0.95	0.93	0.86	0.46	0.43	0.40	0.09	0.07	0.06	0.53	0.52	0.48	0.42	0.41	0.38	0.13	0.12	0.11	63.88	63.82	60.96	84.35	84.30	80.50	509.56	509.50	486.36
2050-07-23	0.94	0.92	0.85	0.45	0.43	0.40	0.09	0.07	0.06	0.52	0.52	0.48	0.42	0.41	0.38	0.12	0.12	0.11	63.79	63.73	60.87	84.26	84.20	80.41	509.47	509.41	486.27
2050-07-24	1.15	1.11	1.08	0.55	0.51	0.50	0.11	0.07	0.06	0.64	0.63	0.62	0.51	0.50	0.49	0.15	0.14	0.14	63.71	63.66	60.80	84.18	84.13	80.34	509.39	509.33	486.20
2050-07-25	1.58	1.52	1.48	0.76	0.69	0.68	0.15	0.09	0.09	0.88	0.87	0.85	0.70	0.70	0.68	0.21	0.20	0.20	63.64	63.59	60.74	84.11	84.06	80.28	509.31	509.26	486.13
2050-07-26	1.16	1.15	1.06	0.56	0.55	0.51	0.11	0.10	0.10	0.65	0.64	0.59	0.52	0.51	0.47	0.15	0.15	0.13	63.57	63.52	60.68	84.04	83.99	80.22	509.25	509.20	486.07
2050-07-27	1.20	1.17	1.10	0.58	0.55	0.51	0.11	0.09	0.08	0.67	0.66	0.62	0.53	0.53	0.49	0.16	0.15	0.14	63.51	63.46	60.62	83.99	83.94	80.16	509.19	509.14	486.02
2050-07-28	1.16	1.13	1.05	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.59	0.52	0.51	0.47	0.15	0.15	0.13	63.46	63.41	60.58	83.93	83.88	80.12	509.13	509.09	485.97
2050-07-29	1.14	1.11	1.02	0.55	0.52	0.48	0.11	0.08	0.07	0.63	0.63	0.58	0.50	0.50	0.46	0.15	0.14	0.13	63.49	63.44	60.59	83.96	83.91	80.13	509.16	509.11	485.99
2050-07-30	1.11	1.08	1.01	0.53	0.50	0.47	0.11	0.08	0.07	0.62	0.61	0.57	0.49	0.49	0.45	0.15	0.14	0.13	63.51	63.47	60.61	83.98	83.94	80.15	509.19	509.14	486.00
2050-07-31	1.09	1.06	0.99	0.52	0.49	0.46	0.10	0.08	0.07	0.61	0.60	0.56	0.48	0.48	0.44	0.14	0.14	0.13	63.46	63.41	60.56	83.93	83.88	80.10	509.13	509.09	485.95
2050-08-01	1.07	1.04	0.97	0.51	0.49	0.45	0.10	0.07	0.07	0.60	0.59	0.55	0.47	0.47	0.44	0.14	0.13	0.12	65.06	64.91	55.68	85.53	85.38	73.23	510.74	510.58	437.67
2050-08-02	1.05	1.02	0.96	0.50	0.48	0.45	0.10	0.07	0.07	0.59	0.58	0.54	0.47	0.46	0.43	0.14	0.13	0.12	67.80	67.62	57.78	88.27	88.09	75.33	513.47	513.30	439.77
2050-08-03	1.03	1.01	0.95	0.50	0.47	0.44	0.10	0.07	0.07	0.58	0.57	0.53	0.46	0.45	0.42	0.14	0.13	0.12	65.13	65.11	55.81	85.60	85.58	73.36	510.80	510.79	437.80
2050-08-04	1.01	0.99	0.94	0.49	0.46	0.44	0.10	0.07	0.07	0.57	0.56	0.53	0.45	0.44	0.42	0.13	0.13	0.12	64.88	64.80	55.58	85.36	85.27	73.13	510.56	510.47	437.57
2050-08-05	1.00	0.98	0.93	0.48	0.46	0.43	0.10	0.07	0.07	0.56	0.55	0.52	0.44	0.44	0.41	0.13	0.13	0.12	65.46	65.33	55.93	85.93	85.80	73.48	511.14	511.00	437.92
2050-08-06	0.98	0.96	0.92	0.47	0.45	0.43	0.09	0.07	0.07	0.55	0.54	0.51	0.44	0.43	0.41	0.13	0.12	0.12	67.17	66.96	56.96	87.64	87.43	74.50	512.84	512.63	438.94
2050-08-07	0.97	0.95	0.90	0.47	0.44	0.42	0.09	0.07	0.07	0.54	0.53	0.51	0.43	0.42	0.40	0.13	0.12	0.11	66.25	66.15	56.40	86.72	86.62	73.94	511.92	511.82	438.39
2050-08-08	0.96	0.94	0.89	0.46	0.44	0.42	0.09	0.07	0.07	0.53	0.53	0.50	0.43	0.42	0.40	0.13	0.12	0.11	65.82	65.71	56.12	86.29	86.18	73.67	511.50	511.39	438.11
2050-08-09	0.95	0.92	0.89	0.45	0.43	0.41	0.09	0.07	0.07	0.53	0.52	0.50	0.42	0.41	0.39	0.12	0.12	0.11	65.47	65.36	55.90	85.94	85.84	73.45	511.14	511.04	437.89
2050-08-10	0.93	0.91	0.88	0.45	0.43	0.41	0.09	0.07	0.07	0.52	0.51	0.49	0.42	0.41	0.39	0.12	0.12	0.11	65.17	65.08	55.71	85.64	85.55	73.26	510.85	510.75	437.70
2050-08-11	0.92	0.90	0.87	0.44	0.42	0.41	0.09	0.07	0.06	0.52	0.51	0.49	0.41	0.40	0.39	0.12	0.11	0.11	64.92	64.84	55.55	85.39	85.31	73.09	510.60	510.51	437.54
2050-08-12	0.91	0.89	0.86	0.44	0.42	0.40	0.09	0.07	0.06	0.51	0.50	0.48	0.41	0.40	0.38	0.12	0.11	0.11	64.71	64.62	55.40	85.18	85.09	72.95	510.38	510.30	437.39
2050-08-13	1.04	1.01	0.92	0.50	0.47	0.43	0.10	0.07	0.06	0.58	0.57	0.52	0.46	0.45	0.41	0.14	0.13	0.12	64.52	64.44	55.27	84.99	84.91	72.82	510.19	510.12	437.26
2050-08-14	1.79	1.70	1.41	0.86	0.77	0.64	0.17	0.08	0.07	1.00	0.99	0.82	0.80	0.79	0.65	0.24	0.23	0.19	64.36	64.28	55.16	84.83	84.76	72.71	510.03	509.96	437.15
2050-08-15	2.66	2.53	2.05	1.28	1.14	0.93	0.26	0.12	0.10	1.48	1.48	1.19	1.18	1.17	0.95	0.35	0.34	0.28	29.98	29.92	25.72	40.94	40.87	35.11	225.79	225.72	193.55
2050-08-16	2.76	2.66	2.14	1.32	1.23	0.99	0.26	0.17	0.14	1.54	1.53	1.22	1.22	1.22	0.97	0.36	0.36	0.29	29.86	29.79	25.63	40.81	40.75	35.02	225.66	225.60	193.46
2050-08-17	1.86	1.84	1.48	0.89	0.87	0.70	0.18	0.16	0.13	1.04	1.03	0.82	0.83	0.82	0.65	0.25	0.24	0.19	29.75	29.69	25.55	40.70	40.64	34.94	225.55	225.49	193.38
2050-08-18	1.76	1.71	1.39	0.85	0.79	0.65	0.17	0.11	0.10	0.98	0.98	0.79	0.78	0.78	0.63	0.23	0.23	0.18	29.65	29.59	25.48	40.60	40.55	34.87	225.45	225.40	193.30
2050-08-19	1.68	1.63	1.34	0.81	0.75	0.62	0.16	0.11	0.09	0.94	0.93	0.76	0.74	0.74	0.61	0.22	0.21	0.17	29.56	29.50	25.41	40.51	40.46	34.80	225.37	225.31	193.24
2050-08-20	3.04	2.86	2.27	1.46	1.27	1.02	0.29	0.10	0.09																		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2050-09-18	1.47	1.43	1.47	0.71	0.67	0.68	0.14	0.10	0.10	0.82	0.81	0.84	0.65	0.65	0.66	0.19	0.19	0.19	23.33	23.10	25.75	32.13	31.90	35.53	164.98	164.75	183.23
2050-09-19	2.34	2.21	2.41	1.12	0.99	1.08	0.22	0.10	0.10	1.30	1.29	1.42	1.04	1.03	1.13	0.31	0.30	0.33	23.18	23.03	25.72	31.98	31.83	35.51	164.83	164.68	183.21
2050-09-20	3.97	3.78	4.27	1.91	1.71	1.95	0.38	0.19	0.23	2.22	2.21	2.49	1.76	1.76	1.98	0.52	0.52	0.59	22.27	22.16	24.62	31.07	30.96	34.40	163.92	163.81	182.10
2050-09-21	2.51	2.49	2.74	1.20	1.18	1.31	0.24	0.22	0.24	1.40	1.39	1.53	1.11	1.11	1.22	0.33	0.33	0.36	21.87	21.76	24.12	30.67	30.56	33.91	163.52	163.41	181.61
2050-09-22	2.32	2.25	2.45	1.11	1.04	1.13	0.22	0.15	0.16	1.29	1.29	1.41	1.03	1.02	1.12	0.31	0.30	0.33	21.93	21.81	24.20	30.74	30.61	33.99	163.58	163.46	181.69
2050-09-23	2.16	2.09	2.27	1.04	0.97	1.05	0.21	0.14	0.15	1.21	1.20	1.30	0.96	0.95	1.03	0.28	0.28	0.30	22.41	22.27	24.78	31.22	31.07	34.56	164.06	163.92	182.26
2050-09-24	2.02	1.96	2.11	0.97	0.91	0.98	0.19	0.13	0.14	1.13	1.12	1.21	0.90	0.89	0.96	0.27	0.26	0.28	23.65	23.44	26.31	32.45	32.24	36.09	165.30	165.09	183.79
2050-09-25	1.91	1.85	1.98	0.91	0.85	0.91	0.18	0.12	0.13	1.06	1.05	1.13	0.85	0.84	0.90	0.25	0.24	0.26	24.45	24.23	27.28	33.25	33.03	37.06	166.10	165.88	184.76
2050-09-26	1.80	1.75	1.86	0.87	0.81	0.86	0.17	0.12	0.12	1.01	1.00	1.06	0.80	0.79	0.85	0.24	0.23	0.25	23.54	23.39	26.17	32.34	32.19	35.95	165.19	165.04	183.66
2050-09-27	1.71	1.66	1.76	0.82	0.77	0.82	0.16	0.11	0.12	0.96	0.95	1.00	0.76	0.75	0.80	0.23	0.22	0.23	22.89	22.76	25.36	31.70	31.56	35.15	164.54	164.41	182.85
2050-09-28	1.63	1.58	1.67	0.78	0.74	0.78	0.16	0.11	0.11	0.91	0.90	0.95	0.73	0.72	0.76	0.22	0.21	0.22	26.21	25.84	29.28	35.01	34.64	39.07	167.86	167.49	186.77
2050-09-29	1.56	1.52	1.59	0.75	0.70	0.74	0.15	0.10	0.11	0.87	0.86	0.91	0.69	0.69	0.72	0.21	0.20	0.21	34.78	33.67	39.53	43.58	42.47	49.31	176.43	175.32	197.01
2050-09-30	1.50	1.46	1.52	0.72	0.68	0.71	0.14	0.10	0.10	0.84	0.83	0.87	0.67	0.66	0.69	0.20	0.19	0.20	31.66	30.89	36.47	40.46	39.69	46.26	173.31	172.54	193.96
2050-10-01	1.67	1.60	1.73	0.80	0.74	0.79	0.16	0.10	0.10	0.93	0.92	0.99	0.74	0.73	0.79	0.22	0.21	0.23	29.49	29.19	33.12	38.29	37.99	43.00	171.14	170.84	192.19
2050-10-02	2.06	1.97	2.25	0.99	0.90	1.03	0.20	0.11	0.12	1.15	1.14	1.31	0.91	0.91	1.04	0.27	0.27	0.31	27.46	27.21	30.93	36.26	36.02	40.81	169.11	168.86	190.00
2050-10-03	1.73	1.69	1.86	0.83	0.79	0.87	0.17	0.13	0.14	0.97	0.96	1.05	0.77	0.76	0.84	0.23	0.22	0.24	25.88	25.68	29.03	34.69	34.48	38.91	167.53	167.33	188.10
2050-10-04	1.65	1.60	1.74	0.79	0.74	0.81	0.16	0.11	0.12	0.92	0.91	0.99	0.73	0.73	0.79	0.22	0.21	0.23	24.69	24.52	27.55	33.49	33.32	37.43	166.34	166.17	186.62
2050-10-05	1.58	1.53	1.66	0.76	0.71	0.77	0.15	0.10	0.11	0.88	0.87	0.94	0.70	0.69	0.75	0.21	0.20	0.22	23.79	23.64	26.46	32.60	32.44	36.34	165.44	165.29	185.53
2050-10-06	1.51	1.47	1.58	0.73	0.68	0.73	0.15	0.10	0.11	0.84	0.84	0.90	0.67	0.66	0.72	0.20	0.19	0.21	23.09	22.74	25.64	31.90	31.54	35.52	164.74	164.39	184.71
2050-10-07	1.45	1.41	1.51	0.70	0.66	0.70	0.14	0.10	0.10	0.81	0.80	0.86	0.65	0.64	0.68	0.19	0.19	0.20	22.86	22.52	25.44	31.66	31.32	35.32	164.51	164.17	184.51
2050-10-08	1.40	1.36	1.45	0.67	0.63	0.67	0.13	0.10	0.10	0.78	0.77	0.83	0.62	0.62	0.66	0.18	0.18	0.19	22.63	22.31	25.25	31.43	31.11	35.14	164.28	163.96	184.33
2050-10-09	2.25	2.13	2.47	1.08	0.96	1.11	0.22	0.09	0.10	1.26	1.25	1.46	1.00	0.99	1.16	0.30	0.29	0.34	22.17	21.87	24.70	30.97	30.67	34.58	163.82	163.52	183.77
2050-10-10	3.84	3.64	4.45	1.84	1.65	2.03	0.37	0.18	0.24	2.14	2.13	2.59	1.70	1.70	2.06	0.51	0.50	0.61	22.14	21.84	24.71	30.94	30.64	34.59	163.79	163.49	183.78
2050-10-11	2.39	2.37	2.82	1.15	1.13	1.34	0.23	0.21	0.25	1.33	1.32	1.57	1.06	1.05	1.25	0.31	0.31	0.37	22.08	21.79	24.70	30.88	30.59	34.58	163.73	163.44	183.77
2050-10-12	2.22	2.15	2.51	1.06	0.99	1.16	0.21	0.14	0.16	1.24	1.23	1.44	0.99	0.98	1.14	0.29	0.29	0.34	21.71	21.45	24.25	30.51	30.25	34.14	163.36	163.10	183.33
2050-10-13	2.07	2.01	2.31	1.00	0.93	1.07	0.20	0.13	0.15	1.16	1.15	1.33	0.92	0.91	1.05	0.27	0.27	0.31	21.41	21.19	23.88	30.21	29.99	33.76	163.06	162.84	182.95
2050-10-14	1.95	1.89	2.15	0.94	0.87	1.00	0.19	0.13	0.14	1.09	1.08	1.23	0.87	0.86	0.98	0.26	0.25	0.29	21.15	21.06	23.56	29.95	29.86	33.45	162.80	162.71	182.64
2050-10-15	1.84	1.78	2.01	0.88	0.83	0.93	0.18	0.12	0.13	1.03	1.02	1.15	0.82	0.81	0.91	0.24	0.24	0.27	20.16	20.07	22.48	28.41	28.32	31.74	139.38	139.29	156.36
2050-10-16	1.74	1.69	1.89	0.84	0.78	0.88	0.17	0.11	0.13	0.97	0.97	1.08	0.77	0.77	0.86	0.23	0.22	0.25	20.00	19.92	22.34	28.25	28.17	31.60	139.22	139.14	156.22
2050-10-17	1.68	1.62	1.81	0.80	0.75	0.84	0.16	0.11	0.12	0.93	0.93	1.03	0.74	0.74	0.82	0.22	0.21	0.24	19.83	20.02	22.15	28.07	28.26	31.41	139.04	139.23	156.03
2050-10-18	1.61	1.56	1.73	0.77	0.73	0.80	0.15	0.11	0.12	0.90	0.89	0.99	0.72	0.71	0.79	0.21	0.21	0.23	19.67	19.49	21.96	27.92	27.73	31.22	138.89	138.70	155.84
2050-10-19	1.54	1.50	1.65	0.74	0.70	0.76	0.15	0.10	0.11	0.86	0.85	0.94	0.69	0.68	0.75	0.20	0.20	0.22	19.54	19.36	21.79	27.78	27.61	31.05	138.75	138.58	155.67
2050-10-20	1.48	1.44	1.57	0.71	0.67	0.73	0.14	0.10	0.11	0.83	0.82	0.90	0.66	0.65	0.71	0.20	0.19	0.21	19.42	19.31	21.65	27.66	27.56	30.91	138.63	138.53	155.53
2050-10-21	1.43	1.39	1.51	0.69	0.65	0.70	0.14	0.10	0.10	0.80	0.79	0.86	0.63	0.63	0.68	0.19	0.18	0.20	19.31	19.24	21.52	27.56	27.49	30.78	138.53	138.46	155.40
2050-10-22	1.38	1.34	1.45	0.66	0.62	0.67	0.13	0.09	0.10	0.77	0.76	0.82	0.61	0.60	0.65	0.18	0.18	0.19	19.21	19.16	21.41	27.46	27.40	30.67	138.43	138.38	155.29
2050-10-23	1.33	1.30	1.39	0.64	0.60	0.65	0.13	0.09	0.10	0.74	0.74	0.79	0.59	0.58	0.63	0.18	0.17	0.18	19.13	19.08	21.31	27.37	27.32	30.57	138.35	138.29	155.19
2050-10-24	1.29	1.26	1.34	0.62	0.59	0.63	0.12	0.09	0.09	0.72	0.71	0.76	0.57	0.57	0.61	0.17	0.16	0.18	19.05	19.00	21.22	27.30	27.25	30.48	138.27	138.22	155.10
2050-10-25	1.26	1.22	1.30	0.60	0.57	0.61	0.12	0.09	0.09	0.70	0.69	0.74	0.56	0.55	0.59	0.17	0.16	0.17	18.98	18.93	21.13	27.23	27.18	30.39	138.20	138.15	155.02
2050-10-26	1.22	1.19	1.26	0.59	0.56	0.59	0.12	0.09	0.09	0.68	0.67	0.72	0.54	0.54	0.57	0.16	0.15	0.16	18.99	18.94	21.18	27.23	27.18	30.44	138.21	138.15	155.06
2050-10-27	1.19	1.16	1.23	0.57	0.54	0.57	0.11	0.08	0.09	0.66	0.66	0.69	0.53	0.52	0.55	0.16	0.15	0.16	18.99	18.94	21.26	27.24	27.19	30.52	138.21	138.16	155.14
2050-10-28	1.16	1.13	1.19	0.56	0.52	0.56	0.11	0.08	0.09	0.65	0.64	0.68	0.52	0.51	0.54	0.15	0.15	0.15	18.93	18.87	21.22	27.17	27.12	30.48	138.14	138.09	155.10
2050-10-29	1.27	1.23	1.54	0.61	0.57	0.65	0.12	0.08	0.00	0.71	0.70	0.94	0.56	0.56	0.75	0.17	0.16	0.22	18.87	18.80	21.12	27.11	27.05	30.38	138.08	138.02	155.00
2050-10-30	2.18	2.06	3.33	1.05	0.93	1.42	0.21	0.09	0.00	1.22	1.21	2.04	0.97	0.96	1.63	0.29	0.28	0.48									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2050-11-28	1.30	1.26	1.55	0.62	0.59	0.72	0.12	0.09	0.10	0.72	0.72	0.89	0.58	0.57	0.71	0.17	0.17	0.21	18.40	18.37	19.59	27.15	27.11	28.93	122.99	122.96	131.31
2050-11-29	1.29	1.27	1.56	0.62	0.60	0.73	0.12	0.10	0.12	0.72	0.72	0.89	0.57	0.58	0.71	0.17	0.17	0.22	18.39	18.36	19.58	27.14	27.10	28.92	122.98	122.94	131.30
2050-11-30	1.25	1.22	1.48	0.60	0.57	0.68	0.12	0.08	0.10	0.70	0.70	0.85	0.56	0.55	0.67	0.17	0.16	0.20	18.39	18.36	19.57	27.13	27.10	28.91	122.97	122.94	131.29
2050-12-01	1.22	1.18	1.41	0.59	0.54	0.65	0.12	0.08	0.09	0.68	0.68	0.81	0.54	0.54	0.65	0.16	0.16	0.19	18.38	18.36	18.68	27.12	27.10	27.57	122.96	122.94	124.97
2050-12-02	1.23	1.19	1.42	0.59	0.55	0.66	0.12	0.08	0.09	0.69	0.68	0.82	0.55	0.54	0.65	0.16	0.16	0.19	18.37	18.35	18.67	27.11	27.09	27.56	122.95	122.93	124.96
2050-12-03	1.24	1.20	1.44	0.59	0.56	0.67	0.12	0.08	0.10	0.69	0.69	0.83	0.55	0.55	0.66	0.16	0.16	0.20	18.36	18.33	18.66	27.10	27.08	27.54	122.95	122.92	124.94
2050-12-04	1.21	1.18	1.40	0.58	0.55	0.65	0.12	0.08	0.10	0.67	0.67	0.80	0.54	0.54	0.64	0.16	0.16	0.19	18.36	18.32	18.64	27.10	27.06	27.53	122.94	122.91	124.93
2050-12-05	1.18	1.15	1.35	0.57	0.53	0.62	0.11	0.08	0.09	0.66	0.65	0.77	0.52	0.52	0.61	0.16	0.15	0.18	18.35	18.31	18.62	27.09	27.05	27.51	122.93	122.89	124.91
2050-12-06	1.15	1.12	1.30	0.55	0.52	0.61	0.11	0.08	0.09	0.64	0.64	0.75	0.51	0.51	0.59	0.15	0.15	0.18	18.34	18.30	18.61	27.08	27.04	27.50	122.93	122.88	124.90
2050-12-07	1.40	1.34	1.73	0.67	0.62	0.78	0.13	0.08	0.09	0.78	0.78	1.01	0.62	0.62	0.80	0.18	0.18	0.24	18.34	18.29	18.60	27.08	27.03	27.49	122.92	122.87	124.89
2050-12-08	2.11	2.00	2.85	1.01	0.90	1.28	0.20	0.09	0.11	1.18	1.18	1.69	0.94	0.94	1.34	0.28	0.28	0.40	18.33	18.28	18.59	27.07	27.02	27.48	122.91	122.87	124.88
2050-12-09	1.50	1.49	2.06	0.72	0.70	0.97	0.14	0.13	0.17	0.84	0.84	1.16	0.67	0.67	0.92	0.20	0.20	0.27	18.32	18.28	18.59	27.07	27.02	27.48	122.91	122.86	124.88
2050-12-10	1.45	1.40	1.89	0.69	0.65	0.87	0.14	0.09	0.12	0.81	0.80	1.09	0.64	0.64	0.87	0.19	0.19	0.26	18.33	18.29	18.59	27.07	27.03	27.47	122.91	122.87	124.88
2050-12-11	1.39	1.35	1.79	0.67	0.63	0.83	0.13	0.09	0.12	0.78	0.77	1.03	0.62	0.62	0.82	0.18	0.18	0.24	18.33	18.29	18.59	27.07	27.04	27.47	122.91	122.88	124.88
2050-12-12	1.35	1.31	1.70	0.65	0.61	0.78	0.13	0.09	0.11	0.75	0.75	0.97	0.60	0.60	0.78	0.18	0.18	0.23	18.33	18.30	18.59	27.07	27.04	27.47	122.91	122.88	124.88
2050-12-13	1.31	1.27	1.61	0.63	0.59	0.75	0.13	0.09	0.11	0.73	0.73	0.93	0.58	0.58	0.74	0.17	0.17	0.22	18.33	18.31	18.59	27.07	27.05	27.47	122.91	122.89	124.88
2050-12-14	1.27	1.23	1.54	0.61	0.57	0.71	0.12	0.08	0.10	0.71	0.70	0.88	0.56	0.56	0.70	0.17	0.16	0.21	18.33	18.31	18.59	27.07	27.05	27.47	122.91	122.89	124.87
2050-12-15	1.23	1.19	1.48	0.59	0.55	0.68	0.12	0.08	0.10	0.69	0.68	0.85	0.55	0.54	0.67	0.16	0.16	0.20	13.63	13.60	13.84	19.91	19.88	20.22	83.73	83.71	85.09
2050-12-16	1.20	1.16	1.42	0.58	0.54	0.66	0.12	0.08	0.09	0.67	0.67	0.81	0.53	0.53	0.65	0.16	0.16	0.19	13.71	13.68	14.00	19.98	19.96	20.38	83.81	83.78	85.24
2050-12-17	1.17	1.13	1.36	0.56	0.52	0.63	0.11	0.07	0.08	0.65	0.65	0.78	0.52	0.52	0.62	0.15	0.15	0.18	13.58	13.57	13.83	19.86	19.85	20.21	83.68	83.67	85.08
2050-12-18	1.15	1.11	1.32	0.55	0.52	0.61	0.11	0.08	0.09	0.64	0.63	0.76	0.51	0.51	0.60	0.15	0.15	0.18	13.58	13.56	13.78	19.86	19.84	20.16	83.68	83.66	85.02
2050-12-19	1.12	1.09	1.28	0.54	0.51	0.59	0.11	0.08	0.09	0.63	0.62	0.73	0.50	0.49	0.58	0.15	0.15	0.17	13.56	13.54	13.76	19.84	19.82	20.15	83.67	83.64	85.01
2050-12-20	1.10	1.07	1.24	0.53	0.50	0.58	0.11	0.07	0.08	0.61	0.61	0.71	0.49	0.48	0.57	0.14	0.14	0.17	13.56	13.53	13.74	19.84	19.81	20.13	83.67	83.63	84.99
2050-12-21	1.08	1.05	1.21	0.52	0.49	0.56	0.10	0.07	0.08	0.60	0.60	0.69	0.48	0.47	0.55	0.14	0.14	0.16	13.56	13.53	13.74	19.84	19.81	20.12	83.67	83.63	84.99
2050-12-22	1.06	1.03	1.18	0.51	0.48	0.55	0.10	0.07	0.08	0.59	0.59	0.67	0.47	0.47	0.54	0.14	0.14	0.16	13.57	13.54	13.74	19.85	19.82	20.13	83.67	83.64	84.99
2050-12-23	1.04	1.01	1.15	0.50	0.47	0.53	0.10	0.07	0.08	0.58	0.57	0.66	0.46	0.46	0.52	0.14	0.13	0.15	13.57	13.54	13.74	19.85	19.82	20.12	83.67	83.64	84.98
2050-12-24	1.02	0.99	1.12	0.49	0.46	0.52	0.10	0.07	0.07	0.57	0.56	0.64	0.45	0.45	0.51	0.13	0.13	0.15	13.57	13.55	13.74	19.85	19.82	20.12	83.67	83.65	84.98
2050-12-25	1.00	0.97	1.09	0.48	0.45	0.51	0.10	0.07	0.07	0.56	0.56	0.63	0.45	0.44	0.50	0.13	0.13	0.15	13.57	13.55	13.74	19.85	19.83	20.12	83.67	83.65	84.98
2050-12-26	0.99	0.96	1.07	0.48	0.45	0.50	0.09	0.07	0.07	0.55	0.55	0.61	0.44	0.44	0.49	0.13	0.13	0.14	13.57	13.55	13.74	19.85	19.82	20.12	83.67	83.65	84.98
2050-12-27	0.98	0.95	1.05	0.47	0.44	0.49	0.09	0.07	0.07	0.54	0.54	0.60	0.43	0.43	0.48	0.13	0.13	0.14	13.63	13.60	13.80	19.90	19.88	20.18	83.73	83.70	85.05
2050-12-28	0.96	0.94	1.03	0.46	0.44	0.48	0.09	0.07	0.07	0.54	0.53	0.59	0.43	0.42	0.47	0.13	0.12	0.14	13.69	13.67	13.89	19.97	19.95	20.27	83.79	83.77	85.13
2050-12-29	0.95	0.92	1.01	0.46	0.43	0.47	0.09	0.06	0.07	0.53	0.53	0.58	0.42	0.42	0.46	0.13	0.12	0.13	13.58	13.56	13.75	19.86	19.84	20.13	83.68	83.66	85.00
2050-12-30	0.94	0.91	1.00	0.45	0.42	0.46	0.09	0.06	0.07	0.52	0.52	0.57	0.42	0.41	0.45	0.12	0.12	0.13	13.57	13.54	13.73	19.85	19.82	20.12	83.67	83.65	84.98
2050-12-31	0.93	0.90	0.98	0.45	0.42	0.45	0.09	0.06	0.06	0.52	0.51	0.56	0.41	0.41	0.44	0.12	0.12	0.13	13.57	13.55	13.74	19.85	19.83	20.12	83.67	83.65	84.98
2051-01-01	0.92	0.89	0.96	0.44	0.41	0.44	0.09	0.06	0.06	0.51	0.51	0.55	0.41	0.40	0.44	0.12	0.12	0.13	13.57	13.55	13.54	19.85	19.83	19.82	83.67	83.66	83.65
2051-01-02	0.91	0.88	0.95	0.44	0.40	0.44	0.09	0.06	0.06	0.51	0.50	0.54	0.40	0.40	0.43	0.12	0.11	0.12	13.57	13.55	13.54	19.85	19.83	19.82	83.68	83.65	83.65
2051-01-03	0.90	0.87	0.94	0.43	0.40	0.43	0.09	0.06	0.06	0.50	0.50	0.53	0.40	0.39	0.42	0.12	0.11	0.12	13.58	13.55	13.54	19.85	19.83	19.82	83.68	83.65	83.65
2051-01-04	0.89	0.87	0.93	0.43	0.40	0.43	0.09	0.06	0.06	0.50	0.49	0.53	0.40	0.39	0.42	0.12	0.11	0.12	13.58	13.55	13.54	19.86	19.83	19.82	83.68	83.65	83.65
2051-01-05	0.88	0.86	0.92	0.42	0.40	0.43	0.08	0.06	0.07	0.49	0.49	0.52	0.39	0.39	0.42	0.12	0.11	0.12	13.58	13.55	13.54	19.86	19.83	19.82	83.68	83.65	83.65
2051-01-06	0.87	0.85	0.91	0.42	0.40	0.43	0.08	0.06	0.07	0.49	0.49	0.52	0.39	0.39	0.41	0.12	0.11	0.12	13.58	13.55	13.54	19.86	19.83	19.82	83.68	83.66	83.65
2051-01-07	0.87	0.85	0.90	0.42	0.40	0.42	0.08	0.06	0.07	0.48	0.48	0.51	0.39	0.38	0.41	0.11	0.11	0.12	13.58	13.56	13.55	19.86	19.84	19.83	83.68	83.66	83.66
2051-01-08	0.86	0.84	0.89	0.41	0.39	0.41	0.08	0.06	0.06	0.48	0.48	0.50	0.38	0.38	0.40	0.11	0.11	0.12	13.68	13.65	13.68	19.96	19.93	19.96	83.78	83.75	83.79
2051-01-09	0.85	0.83	0.88	0.41	0.39	0.41	0.08	0.06	0.06	0.48	0.47	0.50	0.38	0.38	0.40	0.11	0.11	0.12	13.89	13.85	13.96	20.16	20.13	20.24	83.99	83	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2051-02-07	0.80	0.78	0.82	0.38	0.37	0.38	0.08	0.06	0.06	0.44	0.44	0.46	0.35	0.35	0.37	0.11	0.10	0.11	10.52	10.50	10.47	16.45	16.43	16.39	69.63	69.61	69.52
2051-02-08	0.80	0.78	0.82	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.35	0.35	0.37	0.11	0.10	0.11	10.52	10.50	10.47	16.45	16.43	16.39	69.63	69.61	69.52
2051-02-09	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.35	0.35	0.37	0.11	0.10	0.11	10.52	10.50	10.47	16.45	16.43	16.39	69.63	69.61	69.52
2051-02-10	0.87	0.85	0.94	0.42	0.40	0.43	0.08	0.06	0.06	0.49	0.48	0.54	0.39	0.39	0.43	0.11	0.11	0.13	10.52	10.50	10.47	16.45	16.43	16.39	69.63	69.60	69.52
2051-02-11	1.00	0.98	1.27	0.48	0.46	0.59	0.10	0.08	0.09	0.56	0.56	0.73	0.44	0.44	0.58	0.13	0.13	0.18	10.52	10.50	10.47	16.45	16.43	16.39	69.63	69.61	69.52
2051-02-12	0.89	0.88	1.17	0.43	0.42	0.55	0.09	0.07	0.09	0.50	0.50	0.66	0.40	0.39	0.53	0.12	0.12	0.16	10.52	10.50	10.47	16.45	16.43	16.39	69.63	69.61	69.52
2051-02-13	0.80	0.80	1.11	0.39	0.38	0.53	0.08	0.07	0.10	0.45	0.45	0.63	0.36	0.36	0.50	0.11	0.11	0.15	10.52	10.50	10.56	16.45	16.43	16.49	69.63	69.61	69.62
2051-02-14	1.01	0.98	1.35	0.48	0.45	0.62	0.10	0.06	0.09	0.56	0.56	0.78	0.45	0.45	0.62	0.13	0.13	0.19	10.52	10.50	10.69	16.45	16.44	16.62	69.63	69.61	69.74
2051-02-15	1.33	1.29	1.89	0.64	0.60	0.87	0.13	0.09	0.12	0.74	0.75	1.10	0.59	0.60	0.88	0.18	0.18	0.27	10.44	10.42	10.41	15.38	15.36	15.34	65.48	65.46	65.40
2051-02-16	0.98	0.98	1.47	0.47	0.47	0.70	0.09	0.10	0.14	0.55	0.55	0.82	0.43	0.44	0.66	0.13	0.13	0.20	10.44	10.42	10.38	15.39	15.36	15.32	65.48	65.46	65.37
2051-02-17	0.91	0.89	1.45	0.43	0.42	0.67	0.09	0.07	0.10	0.51	0.50	0.83	0.40	0.40	0.66	0.12	0.12	0.20	10.44	10.42	10.38	15.39	15.36	15.32	65.48	65.46	65.38
2051-02-18	0.90	0.88	1.54	0.43	0.41	0.71	0.09	0.07	0.10	0.50	0.50	0.89	0.40	0.40	0.71	0.12	0.12	0.21	10.44	10.42	10.38	15.39	15.37	15.32	65.49	65.46	65.38
2051-02-19	0.89	0.87	1.54	0.43	0.41	0.72	0.09	0.07	0.11	0.50	0.50	0.88	0.40	0.39	0.70	0.12	0.12	0.21	10.44	10.42	10.38	15.39	15.37	15.32	65.49	65.46	65.38
2051-02-20	0.88	0.86	1.47	0.42	0.41	0.69	0.08	0.07	0.10	0.49	0.49	0.84	0.39	0.39	0.67	0.12	0.12	0.20	10.45	10.42	10.38	15.39	15.36	15.32	65.49	65.46	65.38
2051-02-21	0.87	0.86	1.42	0.42	0.40	0.66	0.08	0.07	0.10	0.49	0.49	0.81	0.39	0.39	0.65	0.12	0.11	0.19	10.45	10.42	10.39	15.39	15.37	15.33	65.49	65.47	65.38
2051-02-22	0.87	0.85	1.37	0.42	0.40	0.64	0.08	0.07	0.10	0.48	0.48	0.78	0.39	0.38	0.62	0.11	0.11	0.18	10.45	10.42	10.39	15.39	15.36	15.32	65.49	65.46	65.38
2051-02-23	0.86	0.84	1.32	0.41	0.39	0.61	0.08	0.06	0.09	0.48	0.48	0.76	0.38	0.38	0.60	0.11	0.11	0.18	10.45	10.43	10.39	15.39	15.37	15.33	65.49	65.47	65.38
2051-02-24	0.85	0.84	1.28	0.41	0.39	0.59	0.08	0.06	0.09	0.48	0.47	0.73	0.38	0.38	0.58	0.11	0.11	0.17	10.45	10.43	10.39	15.39	15.37	15.33	65.49	65.47	65.38
2051-02-25	0.85	0.83	1.24	0.41	0.39	0.58	0.08	0.06	0.09	0.47	0.47	0.71	0.38	0.37	0.57	0.11	0.11	0.17	10.45	10.42	10.39	15.39	15.37	15.33	65.49	65.46	65.38
2051-02-26	0.84	0.83	1.26	0.41	0.39	0.59	0.08	0.07	0.09	0.47	0.47	0.72	0.38	0.37	0.58	0.11	0.11	0.17	10.45	10.43	10.39	15.39	15.37	15.33	65.49	65.47	65.39
2051-02-27	0.87	0.86	1.34	0.42	0.41	0.63	0.08	0.07	0.10	0.49	0.49	0.76	0.39	0.39	0.61	0.12	0.12	0.18	10.45	10.43	10.39	15.39	15.37	15.33	65.49	65.47	65.39
2051-02-28	0.90	0.88	1.33	0.43	0.41	0.62	0.09	0.07	0.09	0.50	0.50	0.76	0.40	0.40	0.61	0.12	0.12	0.18	10.45	10.43	10.40	15.39	15.37	15.34	65.49	65.47	65.39
2051-03-01	0.85	0.84	1.32	0.41	0.40	0.61	0.08	0.07	0.09	0.48	0.47	0.76	0.38	0.38	0.60	0.11	0.11	0.18	10.71	10.67	27.25	15.65	15.62	40.63	65.75	65.71	176.23
2051-03-02	0.85	0.83	1.42	0.41	0.39	0.66	0.08	0.06	0.09	0.47	0.47	0.82	0.38	0.37	0.65	0.11	0.11	0.19	12.03	11.92	31.39	16.98	16.86	44.77	67.07	66.96	180.38
2051-03-03	0.84	0.83	2.08	0.40	0.39	0.96	0.08	0.07	0.13	0.47	0.47	1.21	0.37	0.37	0.97	0.11	0.11	0.29	12.75	12.66	32.51	17.70	17.60	45.89	67.79	67.70	181.50
2051-03-04	0.89	0.87	2.97	0.43	0.41	1.36	0.09	0.07	0.17	0.50	0.50	1.74	0.40	0.40	1.38	0.12	0.12	0.42	10.83	10.86	28.94	15.77	15.80	42.32	65.87	65.90	177.93
2051-03-05	1.16	1.14	4.28	0.56	0.53	1.95	0.11	0.08	0.23	0.65	0.65	2.51	0.52	0.52	2.00	0.15	0.16	0.61	10.80	10.76	28.51	15.74	15.71	41.89	65.84	65.81	177.50
2051-03-06	1.31	1.26	6.76	0.63	0.58	3.13	0.13	0.08	0.45	0.73	0.73	3.89	0.58	0.58	3.10	0.17	0.17	0.93	10.77	10.74	28.28	15.71	15.68	41.66	65.81	65.78	177.27
2051-03-07	1.15	1.13	7.65	0.55	0.53	3.57	0.11	0.09	0.56	0.64	0.64	4.37	0.51	0.51	3.49	0.15	0.15	1.04	10.74	10.71	28.11	15.69	15.66	41.49	65.79	65.76	177.10
2051-03-08	1.00	0.98	6.71	0.48	0.46	3.11	0.10	0.08	0.46	0.56	0.56	3.86	0.44	0.44	3.08	0.13	0.13	0.93	10.72	10.69	28.11	15.66	15.63	41.49	65.76	65.73	177.10
2051-03-09	0.99	0.96	6.43	0.47	0.45	2.96	0.09	0.07	0.40	0.55	0.55	3.72	0.44	0.44	2.97	0.13	0.13	0.89	10.70	10.67	28.10	15.64	15.61	41.48	65.74	65.71	177.09
2051-03-10	0.98	0.96	7.29	0.47	0.45	3.31	0.09	0.07	0.37	0.55	0.55	4.27	0.44	0.44	3.40	0.13	0.13	1.01	10.68	10.65	28.02	15.62	15.59	41.40	65.72	65.69	177.00
2051-03-11	1.01	0.98	8.80	0.48	0.46	4.04	0.10	0.07	0.53	0.56	0.56	5.10	0.45	0.45	4.06	0.13	0.13	1.21	10.66	10.63	27.98	15.60	15.57	41.36	65.70	65.67	176.96
2051-03-12	1.18	1.15	9.13	0.57	0.54	4.19	0.11	0.08	0.55	0.66	0.66	5.30	0.52	0.53	4.23	0.16	0.16	1.27	10.64	10.61	28.16	15.58	15.55	41.54	65.68	65.65	177.15
2051-03-13	1.17	1.15	9.34	0.56	0.54	4.31	0.11	0.09	0.59	0.66	0.66	5.40	0.52	0.52	4.31	0.15	0.16	1.29	10.71	10.67	29.56	15.65	15.62	42.94	65.75	65.72	178.54
2051-03-14	1.08	1.06	8.37	0.52	0.50	3.86	0.10	0.08	0.53	0.60	0.60	4.83	0.48	0.48	3.85	0.14	0.14	1.15	11.84	11.76	32.26	16.78	16.71	45.64	66.88	66.81	181.24
2051-03-15	1.06	1.03	7.23	0.51	0.48	3.34	0.10	0.08	0.47	0.59	0.59	4.17	0.47	0.47	3.32	0.14	0.14	0.99	15.33	15.26	41.79	22.20	22.12	60.37	84.46	84.38	228.88
2051-03-16	1.04	1.02	6.31	0.50	0.48	2.92	0.10	0.08	0.42	0.58	0.58	3.64	0.46	0.46	2.90	0.14	0.14	0.87	14.44	14.45	42.20	21.31	21.32	60.78	83.57	83.57	229.30
2051-03-17	1.02	1.00	5.37	0.49	0.47	2.49	0.10	0.07	0.36	0.57	0.57	3.09	0.45	0.45	2.47	0.13	0.13	0.74	14.23	14.18	41.73	21.09	21.04	60.31	83.35	83.30	228.83
2051-03-18	1.01	0.98	4.55	0.48	0.46	2.10	0.10	0.07	0.30	0.56	0.56	2.62	0.45	0.45	2.09	0.13	0.13	0.62	14.14	14.08	40.10	21.00	20.95	58.68	83.26	83.21	227.20
2051-03-19	0.99	0.97	3.97	0.48	0.45	1.84	0.10	0.07	0.26	0.55	0.55	2.29	0.44	0.44	1.82	0.13	0.13	0.54	14.06	14.01	38.93	20.92	20.87	57.51	83.18	83.13	226.03
2051-03-20	0.98	0.96	3.84	0.47	0.45	1.77	0.09	0.07	0.24	0.55	0.54	2.22	0.43	0.43	1.77	0.13	0.13	0.53	13.98	13.93	38.38	20.85	20.80	56.96	83.11	83.06	225.48
2051-03-21	1.02	1.00	4.35	0.49	0.47	2.08	0.10	0.08	0.40	0.57	0.57	2.44	0.45	0.45	1.94	0.13	0.13	0.58	13.92	13.87	38.21	20.78	20.74	56.79	83.04	82	

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2051-04-19	5.60	5.07	1.77	2.69	2.15	0.82	0.54	0.00	0.12	3.13	3.12	1.02	2.49	2.48	0.81	0.74	0.73	0.24	32.98	32.92	69.78	45.35	45.29	96.12	195.66	195.60	416.26
2051-04-20	5.97	5.58	1.68	2.87	2.47	0.78	0.57	0.18	0.11	3.33	3.32	0.97	2.65	2.65	0.77	0.79	0.79	0.23	33.77	33.70	70.74	46.13	46.06	97.08	196.44	196.37	417.23
2051-04-21	6.20	5.81	1.60	2.98	2.59	0.74	0.59	0.21	0.11	3.46	3.45	0.92	2.75	2.75	0.73	0.82	0.81	0.22	33.77	33.71	71.40	46.14	46.08	97.74	196.45	196.39	417.88
2051-04-22	6.69	6.39	1.53	3.21	2.91	0.71	0.64	0.34	0.10	3.73	3.72	0.88	2.97	2.96	0.70	0.88	0.88	0.21	33.44	33.37	70.48	45.81	45.74	96.82	196.12	196.05	416.97
2051-04-23	7.20	7.27	1.49	3.46	3.53	0.69	0.69	0.76	0.10	4.02	4.01	0.86	3.20	3.20	0.68	0.95	0.95	0.20	33.28	33.21	69.87	45.65	45.58	96.21	195.96	195.89	416.35
2051-04-24	6.96	6.29	1.46	3.34	2.67	0.68	0.67	0.00	0.10	3.88	3.87	0.84	3.09	3.08	0.67	0.92	0.91	0.20	33.14	33.08	69.38	45.51	45.44	95.72	195.82	195.75	415.87
2051-04-25	7.32	6.92	1.70	3.51	3.11	0.78	0.70	0.30	0.10	4.08	4.07	0.98	3.25	3.24	0.78	0.96	0.96	0.23	33.19	33.13	69.03	45.56	45.50	95.37	195.87	195.81	415.52
2051-04-26	8.27	7.97	2.73	3.97	3.67	1.23	0.79	0.49	0.12	4.61	4.60	1.61	3.67	3.67	1.28	1.09	1.09	0.38	33.56	33.52	68.74	45.93	45.88	95.08	196.24	196.19	415.23
2051-04-27	7.57	7.30	2.20	3.63	3.36	1.03	0.73	0.46	0.17	4.22	4.22	1.25	3.36	3.36	1.00	1.00	1.00	0.30	34.35	34.29	68.45	46.72	46.66	94.79	197.03	196.97	414.94
2051-04-28	6.36	6.15	2.03	3.05	2.84	0.94	0.61	0.39	0.13	3.55	3.54	1.17	2.83	2.82	0.93	0.84	0.84	0.28	35.16	35.07	68.37	47.53	47.44	94.71	197.84	197.75	414.85
2051-04-29	5.33	5.16	1.91	2.56	2.38	0.88	0.51	0.34	0.13	2.98	2.97	1.10	2.37	2.37	0.87	0.70	0.70	0.26	35.15	35.09	68.29	47.52	47.46	94.63	197.83	197.77	414.78
2051-04-30	4.63	4.47	1.80	2.22	2.06	0.83	0.44	0.29	0.12	2.58	2.58	1.04	2.06	2.05	0.82	0.61	0.61	0.24	34.67	34.58	68.07	47.04	46.95	94.41	197.35	197.26	414.56
2051-05-01	4.21	4.05	1.71	2.02	1.87	0.79	0.40	0.25	0.11	2.35	2.34	0.98	1.87	1.86	0.78	0.55	0.55	0.23	34.33	34.24	20.07	46.70	46.60	27.00	197.01	196.91	111.21
2051-05-02	3.96	3.81	1.63	1.90	1.75	0.75	0.38	0.23	0.11	2.21	2.20	0.93	1.76	1.75	0.74	0.52	0.51	0.21	34.22	34.12	19.93	46.59	46.48	26.86	196.90	196.79	111.08
2051-05-03	3.83	3.68	1.55	1.84	1.69	0.72	0.37	0.22	0.10	2.14	2.13	0.88	1.70	1.69	0.70	0.50	0.50	0.20	34.48	34.38	19.81	46.84	46.75	26.74	197.15	197.06	110.96
2051-05-04	3.83	3.67	1.49	1.84	1.68	0.69	0.37	0.21	0.10	2.13	2.12	0.85	1.70	1.69	0.67	0.50	0.50	0.20	34.83	34.77	19.67	47.20	47.14	26.60	197.51	197.45	110.82
2051-05-05	3.94	3.77	1.43	1.89	1.72	0.67	0.38	0.21	0.10	2.20	2.19	0.81	1.75	1.74	0.65	0.52	0.51	0.19	35.22	35.13	19.55	47.59	47.50	26.48	197.90	197.81	110.70
2051-05-06	3.90	3.75	1.38	1.87	1.72	0.64	0.37	0.22	0.10	2.18	2.17	0.78	1.73	1.73	0.62	0.51	0.51	0.18	35.87	35.78	19.44	48.24	48.14	26.37	198.55	198.45	110.59
2051-05-07	3.66	3.52	1.33	1.76	1.62	0.62	0.35	0.21	0.09	2.04	2.03	0.76	1.62	1.62	0.60	0.48	0.48	0.17	36.43	36.35	19.35	48.80	48.71	26.28	199.11	199.02	110.50
2051-05-08	3.78	3.62	1.35	1.81	1.65	0.62	0.36	0.20	0.09	2.11	2.10	0.77	1.68	1.67	0.61	0.50	0.49	0.18	36.96	37.06	19.26	49.33	49.43	26.19	199.64	199.74	110.41
2051-05-09	3.78	3.63	1.37	1.82	1.67	0.64	0.36	0.21	0.10	2.11	2.10	0.78	1.68	1.67	0.62	0.50	0.49	0.18	37.43	37.02	19.18	49.80	49.38	26.11	200.11	199.69	110.33
2051-05-10	3.36	3.25	1.32	1.61	1.50	0.61	0.32	0.21	0.09	1.87	1.86	0.75	1.49	1.48	0.60	0.44	0.44	0.17	37.43	37.09	19.11	49.80	49.46	26.04	200.11	199.77	110.26
2051-05-11	3.36	3.23	1.46	1.61	1.48	0.67	0.32	0.19	0.09	1.88	1.87	0.84	1.49	1.49	0.67	0.44	0.44	0.19	37.44	37.18	19.05	49.81	49.55	25.98	200.12	199.86	110.20
2051-05-12	3.81	3.64	2.49	1.83	1.66	1.12	0.37	0.20	0.11	2.13	2.12	1.46	1.69	1.69	1.16	0.50	0.50	0.34	37.57	37.10	18.99	49.94	49.47	25.92	200.25	199.78	110.14
2051-05-13	3.83	3.68	2.50	1.84	1.69	1.16	0.37	0.22	0.16	2.13	2.12	1.44	1.70	1.69	1.14	0.50	0.50	0.34	39.40	38.81	19.51	51.76	51.18	26.44	202.07	201.49	110.66
2051-05-14	3.39	3.28	2.03	1.63	1.51	0.95	0.33	0.21	0.15	1.89	1.88	1.15	1.51	1.50	0.92	0.45	0.44	0.27	41.12	40.78	20.81	53.48	53.15	27.74	203.79	203.46	111.95
2051-05-15	3.05	2.95	1.89	1.46	1.36	0.88	0.29	0.19	0.12	1.70	1.69	1.08	1.35	1.35	0.86	0.40	0.40	0.25	117.32	117.13	63.70	150.38	150.20	82.22	731.34	731.15	407.73
2051-05-16	2.77	2.68	1.79	1.33	1.24	0.83	0.27	0.17	0.12	1.55	1.54	1.02	1.23	1.22	0.81	0.36	0.36	0.24	116.09	115.91	63.54	149.16	148.98	82.07	730.11	729.93	407.58
2051-05-17	2.54	2.46	1.69	1.22	1.14	0.78	0.24	0.16	0.11	1.42	1.41	0.97	1.13	1.12	0.77	0.33	0.33	0.22	115.42	115.24	63.43	148.48	148.31	81.96	729.44	729.27	407.47
2051-05-18	2.52	2.43	1.63	1.21	1.12	0.75	0.24	0.15	0.11	1.41	1.40	0.93	1.12	1.11	0.74	0.33	0.33	0.21	115.59	115.38	63.53	148.65	148.45	82.06	729.61	729.40	407.57
2051-05-19	2.49	2.40	1.57	1.20	1.11	0.73	0.24	0.15	0.11	1.39	1.38	0.90	1.11	1.10	0.71	0.33	0.32	0.21	115.53	115.35	63.63	148.60	148.42	82.15	729.56	729.38	407.67
2051-05-20	2.42	2.34	1.54	1.16	1.08	0.71	0.23	0.15	0.10	1.35	1.34	0.88	1.08	1.07	0.70	0.32	0.31	0.20	114.90	114.74	63.51	147.97	147.81	82.04	728.92	728.77	407.55
2051-05-21	3.01	2.87	2.08	1.45	1.30	0.94	0.29	0.15	0.11	1.68	1.67	1.21	1.34	1.33	0.96	0.40	0.39	0.28	114.32	114.18	63.41	147.38	147.24	81.93	728.34	728.20	407.44
2051-05-22	4.36	4.12	3.34	2.09	1.86	1.50	0.42	0.18	0.15	2.43	2.42	1.96	1.94	1.93	1.56	0.57	0.57	0.46	119.07	118.60	67.43	152.13	151.66	85.96	733.09	732.62	411.47
2051-05-23	4.01	3.87	2.83	1.92	1.79	1.32	0.38	0.25	0.20	2.24	2.23	1.62	1.78	1.77	1.29	0.53	0.52	0.38	126.71	126.31	75.71	159.77	159.38	94.24	740.73	740.34	419.75
2051-05-24	3.85	3.71	2.78	1.85	1.71	1.28	0.37	0.23	0.18	2.15	2.14	1.59	1.71	1.70	1.27	0.51	0.50	0.37	120.20	120.05	69.67	153.26	153.12	88.19	734.22	734.08	413.70
2051-05-25	3.42	3.30	2.54	1.64	1.52	1.17	0.33	0.21	0.16	1.91	1.90	1.45	1.52	1.51	1.16	0.45	0.44	0.34	118.13	117.91	68.23	151.19	150.97	86.75	732.15	731.93	412.26
2051-05-26	3.07	2.97	2.34	1.47	1.37	1.08	0.29	0.19	0.15	1.71	1.70	1.34	1.36	1.35	1.07	0.40	0.40	0.31	116.67	116.48	67.26	149.74	149.55	85.79	730.70	730.50	411.30
2051-05-27	2.79	2.69	2.17	1.34	1.24	1.00	0.27	0.17	0.14	1.55	1.54	1.24	1.24	1.23	0.99	0.37	0.36	0.29	115.60	115.43	66.52	148.67	148.50	85.05	729.63	729.46	410.56
2051-05-28	2.55	2.47	2.03	1.23	1.14	0.94	0.24	0.16	0.13	1.42	1.41	1.16	1.13	1.13	0.92	0.34	0.33	0.27	114.79	114.64	65.94	147.85	147.70	84.46	728.81	728.66	409.97
2051-05-29	2.96	2.82	2.41	1.42	1.28	1.10	0.28	0.15	0.12	1.65	1.64	1.40	1.31	1.30	1.11	0.39	0.38	0.33	114.15	114.02	65.47	147.22	147.08	83.99	728.17	728.04	409.50
2051-05-30	3.61	3.44	3.29	1.73	1.57	1.49	0.35	0.18	0.17	2.01	2.00	1.92	1.60	1.60	1.53	0.48	0.47	0.45	113.79	113.66	65.08	146.86	146.73	83.61	727.82	727.69	409.12
2051-05-31	2.99	2.90	2.62	1.44	1.35	1.22	0.29	0.20	0.19	1.67	1.66</																

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2051-06-29	1.12	1.09	0.99	0.54	0.51	0.46	0.11	0.08	0.07	0.63	0.62	0.56	0.50	0.49	0.44	0.15	0.14	0.13	156.10	155.94	114.16	191.10	190.94	139.60	1006.96	1006.80	732.65
2051-06-30	1.10	1.07	0.98	0.53	0.50	0.46	0.11	0.08	0.07	0.61	0.61	0.55	0.49	0.48	0.44	0.14	0.14	0.12	155.40	155.26	113.64	190.40	190.26	139.09	1006.26	1006.12	732.14
2051-07-01	1.08	1.05	0.96	0.52	0.49	0.45	0.10	0.08	0.07	0.60	0.59	0.54	0.48	0.47	0.43	0.14	0.14	0.12	154.85	154.72	146.68	189.85	189.72	179.93	1005.71	1005.58	954.91
2051-07-02	1.06	1.03	0.95	0.51	0.48	0.44	0.10	0.07	0.07	0.59	0.58	0.54	0.47	0.46	0.43	0.14	0.13	0.12	154.40	154.28	146.33	189.40	189.28	179.58	1005.26	1005.14	954.57
2051-07-03	1.09	1.06	0.97	0.52	0.49	0.45	0.10	0.07	0.07	0.61	0.60	0.55	0.48	0.48	0.43	0.14	0.14	0.12	154.03	153.92	146.04	189.03	188.92	179.29	1004.89	1004.78	954.28
2051-07-04	1.13	1.11	1.02	0.54	0.52	0.48	0.11	0.08	0.07	0.63	0.62	0.58	0.50	0.50	0.46	0.15	0.14	0.13	153.72	153.62	145.80	188.72	188.62	179.05	1004.58	1004.48	954.03
2051-07-05	1.09	1.07	0.98	0.52	0.50	0.46	0.10	0.08	0.07	0.61	0.60	0.55	0.48	0.48	0.44	0.14	0.14	0.12	153.58	153.48	145.66	188.58	188.48	178.91	1004.44	1004.34	953.89
2051-07-06	1.10	1.08	0.98	0.53	0.50	0.46	0.11	0.08	0.07	0.62	0.61	0.55	0.49	0.48	0.44	0.15	0.14	0.13	153.45	153.36	145.54	188.45	188.36	178.79	1004.31	1004.22	953.77
2051-07-07	1.12	1.09	0.99	0.54	0.51	0.46	0.11	0.08	0.08	0.62	0.62	0.56	0.50	0.49	0.44	0.15	0.14	0.13	153.23	153.14	145.36	188.23	188.14	178.61	1004.09	1004.00	953.60
2051-07-08	1.09	1.07	0.97	0.52	0.50	0.45	0.10	0.08	0.07	0.61	0.60	0.55	0.49	0.48	0.44	0.14	0.14	0.12	154.41	154.24	146.53	189.41	189.24	179.78	1005.27	1005.10	954.76
2051-07-09	1.07	1.05	0.96	0.51	0.49	0.45	0.10	0.08	0.07	0.60	0.59	0.54	0.48	0.47	0.43	0.14	0.13	0.12	157.03	156.79	149.12	192.03	191.79	182.37	1007.89	1007.65	957.35
2051-07-10	1.05	1.03	0.95	0.51	0.48	0.44	0.10	0.08	0.07	0.59	0.58	0.53	0.47	0.46	0.42	0.14	0.13	0.12	154.93	154.85	147.10	189.93	189.85	180.35	1005.79	1005.71	955.33
2051-07-11	1.03	1.01	0.93	0.50	0.47	0.44	0.10	0.07	0.07	0.58	0.57	0.53	0.46	0.45	0.42	0.14	0.13	0.12	154.47	154.35	146.64	189.47	189.35	179.88	1005.33	1005.21	954.87
2051-07-12	1.24	1.20	1.16	0.60	0.55	0.53	0.12	0.07	0.07	0.69	0.69	0.66	0.55	0.54	0.53	0.16	0.16	0.15	154.09	153.98	146.30	189.09	188.98	179.55	1004.95	1004.84	954.53
2051-07-13	1.76	1.68	1.62	0.84	0.77	0.74	0.17	0.09	0.09	0.98	0.97	0.94	0.78	0.77	0.75	0.23	0.23	0.22	153.77	153.67	146.02	188.77	188.67	179.26	1004.63	1004.53	954.25
2051-07-14	1.25	1.24	1.15	0.60	0.59	0.55	0.12	0.11	0.11	0.70	0.69	0.63	0.55	0.55	0.50	0.16	0.16	0.14	153.50	153.41	145.77	188.50	188.41	179.02	1004.36	1004.27	954.01
2051-07-15	1.22	1.18	1.10	0.58	0.55	0.51	0.12	0.08	0.08	0.68	0.67	0.62	0.54	0.53	0.49	0.16	0.15	0.14	64.78	64.69	61.51	85.26	85.17	80.96	510.46	510.38	484.87
2051-07-16	1.18	1.15	1.07	0.57	0.54	0.50	0.11	0.08	0.08	0.66	0.65	0.61	0.53	0.52	0.48	0.16	0.15	0.14	64.58	64.50	61.33	85.06	84.98	80.79	510.27	510.19	484.69
2051-07-17	1.16	1.13	1.05	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.60	0.51	0.51	0.47	0.15	0.15	0.14	64.41	64.33	61.17	84.89	84.82	80.63	510.09	510.02	484.53
2051-07-18	1.18	1.14	1.07	0.57	0.53	0.50	0.11	0.08	0.08	0.66	0.65	0.60	0.52	0.52	0.48	0.16	0.15	0.14	64.26	64.19	61.04	84.74	84.67	80.49	509.95	509.88	484.40
2051-07-19	1.19	1.16	1.08	0.57	0.54	0.51	0.11	0.09	0.08	0.67	0.66	0.61	0.53	0.52	0.48	0.16	0.15	0.14	64.17	64.10	60.93	84.65	84.58	80.39	509.85	509.78	484.29
2051-07-20	1.17	1.13	1.06	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.60	0.52	0.51	0.47	0.15	0.15	0.14	64.08	64.02	60.84	84.56	84.50	80.30	509.77	509.70	484.20
2051-07-21	1.14	1.11	1.04	0.55	0.52	0.48	0.11	0.08	0.07	0.64	0.63	0.59	0.51	0.50	0.47	0.15	0.14	0.13	63.97	63.90	60.74	84.45	84.39	80.20	509.65	509.59	484.10
2051-07-22	1.15	1.12	1.04	0.55	0.52	0.49	0.11	0.08	0.07	0.64	0.64	0.59	0.51	0.50	0.47	0.15	0.15	0.13	63.87	63.81	60.65	84.35	84.30	80.11	509.56	509.50	484.01
2051-07-23	1.17	1.14	1.06	0.56	0.53	0.49	0.11	0.08	0.08	0.65	0.64	0.60	0.52	0.51	0.47	0.15	0.15	0.14	63.78	63.72	60.57	84.26	84.20	80.03	509.47	509.41	483.93
2051-07-24	1.14	1.11	1.03	0.55	0.52	0.48	0.11	0.08	0.07	0.64	0.63	0.58	0.51	0.50	0.46	0.15	0.14	0.13	63.70	63.64	60.50	84.18	84.13	79.96	509.39	509.33	483.86
2051-07-25	1.11	1.09	1.02	0.54	0.51	0.47	0.11	0.08	0.07	0.62	0.61	0.57	0.50	0.49	0.45	0.15	0.14	0.13	63.63	63.57	60.44	84.11	84.06	79.89	509.31	509.26	483.79
2051-07-26	1.33	1.28	1.24	0.64	0.59	0.57	0.13	0.08	0.07	0.74	0.73	0.71	0.59	0.58	0.56	0.18	0.17	0.16	63.56	63.51	60.38	84.04	83.99	79.83	509.25	509.20	483.73
2051-07-27	2.00	1.91	1.82	0.96	0.87	0.83	0.19	0.10	0.10	1.12	1.11	1.06	0.89	0.88	0.84	0.26	0.26	0.25	63.50	63.45	60.32	83.99	83.94	79.78	509.19	509.14	483.68
2051-07-28	1.44	1.42	1.32	0.69	0.68	0.63	0.14	0.12	0.12	0.80	0.79	0.73	0.64	0.63	0.58	0.19	0.18	0.17	63.45	63.40	60.28	83.93	83.88	79.73	509.13	509.09	483.63
2051-07-29	1.40	1.36	1.25	0.67	0.63	0.58	0.13	0.09	0.09	0.78	0.77	0.71	0.62	0.61	0.56	0.18	0.18	0.16	63.48	63.43	60.29	83.96	83.91	79.75	509.16	509.11	483.65
2051-07-30	1.36	1.32	1.21	0.65	0.62	0.57	0.13	0.09	0.09	0.76	0.75	0.69	0.60	0.60	0.55	0.18	0.17	0.16	63.50	63.46	60.30	83.98	83.94	79.76	509.19	509.14	483.66
2051-07-31	1.32	1.28	1.18	0.63	0.59	0.55	0.13	0.09	0.08	0.73	0.73	0.67	0.59	0.58	0.53	0.17	0.17	0.15	63.45	63.40	60.25	83.93	83.88	79.71	509.13	509.09	483.61
2051-08-01	1.28	1.24	1.15	0.61	0.58	0.54	0.12	0.09	0.08	0.71	0.70	0.65	0.57	0.56	0.52	0.17	0.16	0.15	65.05	64.90	55.43	85.53	85.38	72.91	510.74	510.58	435.73
2051-08-02	1.24	1.21	1.13	0.60	0.56	0.52	0.12	0.09	0.08	0.69	0.68	0.64	0.55	0.54	0.51	0.16	0.16	0.15	67.79	67.61	57.51	88.27	88.09	74.99	513.47	513.30	437.82
2051-08-03	1.21	1.18	1.10	0.58	0.55	0.51	0.12	0.08	0.08	0.67	0.67	0.62	0.54	0.53	0.49	0.16	0.15	0.14	65.12	65.10	55.55	85.60	85.58	73.03	510.80	510.79	435.86
2051-08-04	1.18	1.15	1.08	0.57	0.54	0.50	0.11	0.08	0.08	0.66	0.65	0.61	0.52	0.52	0.48	0.16	0.15	0.14	64.87	64.78	55.32	85.36	85.27	72.80	510.56	510.47	435.63
2051-08-05	1.15	1.12	1.06	0.55	0.52	0.49	0.11	0.08	0.08	0.64	0.63	0.60	0.51	0.50	0.47	0.15	0.15	0.14	65.45	65.32	55.67	85.93	85.80	73.15	511.14	511.00	435.97
2051-08-06	1.13	1.10	1.04	0.54	0.51	0.48	0.11	0.08	0.07	0.63	0.62	0.59	0.50	0.49	0.46	0.15	0.14	0.13	67.16	66.95	56.68	87.64	87.43	74.16	512.84	512.63	436.99
2051-08-07	1.46	1.40	1.24	0.70	0.64	0.57	0.14	0.08	0.07	0.81	0.81	0.71	0.65	0.64	0.56	0.19	0.19	0.16	66.24	66.14	56.13	86.72	86.62	73.61	511.92	511.82	436.43
2051-08-08	2.21	2.10	1.77	1.06	0.95	0.81	0.21	0.11	0.10	1.23	1.22	1.02	0.98	0.97	0.81	0.29	0.29	0.24	65.81	65.70	55.86	86.29	86.18	73.34	511.50	511.39	436.16
2051-08-09	1.48	1.47	1.29	0.71	0.70	0.61	0.14	0.13	0.11	0.83	0.82	0.72	0.66	0.65	0.57	0.20	0.19	0.17	65.46	65.35	55.64	85.94	85.84	73.12	511.14	511.04	435.94
2051-08-10																											

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2051-09-08	1.13	1.10	1.06	0.54	0.52	0.49	0.11	0.08	0.08	0.63	0.62	0.60	0.50	0.50	0.47	0.15	0.14	0.14	35.72	35.48	39.30	46.68	46.45	51.46	231.54	231.30	256.33
2051-09-09	1.13	1.10	1.06	0.54	0.51	0.49	0.11	0.08	0.08	0.63	0.62	0.60	0.50	0.50	0.47	0.15	0.14	0.14	32.42	32.38	35.67	43.39	43.35	47.83	228.24	228.20	252.70
2051-09-10	1.14	1.11	1.07	0.55	0.52	0.50	0.11	0.08	0.08	0.63	0.63	0.60	0.50	0.50	0.48	0.15	0.14	0.14	31.92	31.80	35.01	42.88	42.76	47.17	227.74	227.61	252.04
2051-09-11	2.03	1.92	2.04	0.98	0.86	0.91	0.19	0.08	0.08	1.13	1.13	1.20	0.90	0.89	0.96	0.27	0.26	0.28	31.50	31.39	34.56	42.47	42.36	46.72	227.32	227.21	251.59
2051-09-12	3.08	2.93	3.20	1.48	1.33	1.46	0.30	0.15	0.17	1.72	1.71	1.86	1.37	1.36	1.48	0.41	0.40	0.44	31.16	31.06	34.19	42.13	42.03	46.35	226.98	226.88	251.22
2051-09-13	1.84	1.84	1.92	0.89	0.88	0.92	0.18	0.17	0.19	1.03	1.02	1.06	0.82	0.81	0.84	0.24	0.24	0.25	30.88	30.78	33.89	41.84	41.75	46.04	226.69	226.60	250.91
2051-09-14	1.75	1.70	1.76	0.84	0.79	0.81	0.17	0.11	0.12	0.98	0.97	1.00	0.78	0.77	0.80	0.23	0.22	0.23	30.63	30.55	33.63	41.60	41.51	45.78	226.45	226.36	250.65
2051-09-15	1.66	1.61	1.67	0.80	0.75	0.77	0.16	0.11	0.11	0.93	0.92	0.95	0.74	0.73	0.76	0.22	0.21	0.22	20.83	20.75	22.77	29.64	29.56	32.54	162.49	162.41	179.78
2051-09-16	1.59	1.54	1.59	0.76	0.72	0.74	0.15	0.11	0.11	0.89	0.88	0.91	0.71	0.70	0.72	0.21	0.20	0.21	20.65	20.57	22.58	29.46	29.39	32.35	162.31	162.24	179.59
2051-09-17	1.81	1.74	1.83	0.87	0.80	0.84	0.17	0.10	0.10	1.01	1.00	1.06	0.81	0.80	0.84	0.24	0.23	0.24	21.06	20.96	23.05	29.88	29.77	32.82	162.72	162.62	180.06
2051-09-18	2.35	2.24	2.46	1.13	1.02	1.12	0.23	0.12	0.13	1.31	1.30	1.43	1.04	1.04	1.14	0.31	0.30	0.33	23.32	23.09	25.65	32.13	31.90	35.42	164.98	164.75	182.66
2051-09-19	2.13	2.07	2.29	1.02	0.96	1.06	0.20	0.14	0.15	1.19	1.18	1.31	0.95	0.94	1.04	0.28	0.27	0.31	23.17	23.02	25.63	31.98	31.83	35.39	164.83	164.68	182.63
2051-09-20	2.23	2.15	2.51	1.07	0.99	1.15	0.21	0.14	0.15	1.24	1.24	1.45	0.99	0.98	1.15	0.29	0.29	0.34	22.25	22.15	24.53	31.07	30.96	34.29	163.92	163.81	181.53
2051-09-21	2.16	2.09	2.37	1.04	0.96	1.09	0.21	0.13	0.15	1.20	1.20	1.36	0.96	0.95	1.08	0.28	0.28	0.32	21.85	21.75	24.04	30.67	30.56	33.81	163.52	163.41	181.04
2051-09-22	2.08	2.01	2.26	1.00	0.93	1.04	0.20	0.13	0.15	1.16	1.15	1.30	0.92	0.92	1.03	0.27	0.27	0.30	21.92	21.80	24.11	30.74	30.61	33.88	163.58	163.46	181.12
2051-09-23	1.96	1.90	2.11	0.94	0.88	0.98	0.19	0.13	0.14	1.09	1.08	1.20	0.87	0.86	0.96	0.26	0.25	0.28	22.40	22.25	24.69	31.22	31.07	34.46	164.06	163.92	181.69
2051-09-24	1.85	1.79	1.97	0.89	0.83	0.91	0.18	0.12	0.13	1.03	1.02	1.13	0.82	0.81	0.90	0.24	0.24	0.26	23.64	23.43	26.21	32.45	32.24	35.98	165.30	165.09	183.21
2051-09-25	1.75	1.70	1.86	0.84	0.79	0.86	0.17	0.11	0.12	0.98	0.97	1.06	0.78	0.77	0.84	0.23	0.22	0.25	24.43	24.22	27.18	33.25	33.03	36.94	166.10	165.88	184.18
2051-09-26	1.67	1.62	1.76	0.80	0.75	0.81	0.16	0.11	0.12	0.93	0.92	1.00	0.74	0.73	0.80	0.22	0.21	0.23	23.52	23.38	26.07	32.34	32.19	35.84	165.19	165.04	183.08
2051-09-27	1.59	1.55	1.67	0.76	0.72	0.77	0.15	0.11	0.11	0.89	0.88	0.95	0.71	0.70	0.76	0.21	0.20	0.22	22.88	22.75	25.27	31.70	31.56	35.04	164.54	164.41	182.27
2051-09-28	1.53	1.48	1.59	0.73	0.69	0.74	0.15	0.10	0.11	0.85	0.84	0.91	0.68	0.67	0.72	0.20	0.19	0.21	26.20	25.83	29.18	35.01	34.64	38.95	167.86	167.49	186.18
2051-09-29	1.48	1.43	1.53	0.71	0.67	0.71	0.14	0.10	0.10	0.82	0.82	0.87	0.66	0.65	0.69	0.19	0.19	0.20	34.77	33.66	39.39	43.58	42.47	49.16	176.43	175.32	196.39
2051-09-30	1.46	1.41	1.51	0.70	0.66	0.70	0.14	0.10	0.10	0.81	0.80	0.86	0.65	0.64	0.68	0.19	0.19	0.20	31.65	30.88	36.34	40.46	39.69	46.11	173.31	172.54	193.35
2051-10-01	1.54	1.49	1.62	0.74	0.69	0.75	0.15	0.10	0.10	0.86	0.85	0.93	0.69	0.68	0.74	0.20	0.20	0.21	29.48	29.18	33.07	38.29	37.99	42.97	171.14	170.84	192.17
2051-10-02	1.59	1.54	1.69	0.76	0.72	0.78	0.15	0.10	0.11	0.89	0.88	0.97	0.71	0.70	0.77	0.21	0.20	0.23	27.44	27.20	30.89	36.26	36.02	40.79	169.11	168.86	190.00
2051-10-03	1.53	1.48	1.62	0.73	0.69	0.75	0.15	0.10	0.11	0.85	0.84	0.92	0.68	0.67	0.73	0.20	0.19	0.21	25.87	25.67	29.00	34.69	34.48	38.90	167.53	167.33	188.10
2051-10-04	1.57	1.52	1.70	0.75	0.70	0.78	0.15	0.10	0.11	0.88	0.87	0.98	0.70	0.69	0.78	0.21	0.20	0.23	24.68	24.50	27.52	33.49	33.32	37.42	166.34	166.17	186.62
2051-10-05	1.61	1.56	1.78	0.77	0.72	0.83	0.15	0.11	0.12	0.90	0.89	1.02	0.71	0.71	0.81	0.21	0.21	0.24	23.78	23.63	26.44	32.60	32.44	36.34	165.44	165.29	185.54
2051-10-06	1.55	1.51	1.71	0.75	0.70	0.79	0.15	0.10	0.12	0.87	0.86	0.98	0.69	0.68	0.78	0.20	0.20	0.23	23.08	22.73	25.62	31.90	31.54	35.52	164.74	164.39	184.72
2051-10-07	1.57	1.52	1.79	0.75	0.70	0.83	0.15	0.10	0.11	0.88	0.87	1.03	0.70	0.69	0.82	0.21	0.20	0.24	22.85	22.51	25.42	31.66	31.32	35.32	164.51	164.17	184.52
2051-10-08	3.27	3.06	4.75	1.57	1.36	2.09	0.31	0.11	0.12	1.82	1.81	2.84	1.45	1.44	2.26	0.43	0.42	0.67	22.62	22.30	25.25	31.43	31.11	35.14	164.28	163.96	184.35
2051-10-09	5.96	5.69	9.35	2.86	2.60	4.34	0.57	0.31	0.64	3.32	3.31	5.36	2.65	2.64	4.27	0.78	0.78	1.27	22.15	21.86	24.69	30.97	30.67	34.59	163.82	163.52	183.79
2051-10-10	3.88	3.83	5.98	1.86	1.81	2.83	0.37	0.32	0.50	2.17	2.16	3.37	1.73	1.72	2.68	0.51	0.51	0.79	22.12	21.83	24.70	30.94	30.64	34.60	163.79	163.49	183.80
2051-10-11	3.44	3.32	4.90	1.65	1.53	2.27	0.33	0.21	0.32	1.92	1.91	2.82	1.53	1.52	2.24	0.45	0.44	0.66	22.07	21.78	24.69	30.88	30.59	34.59	163.73	163.44	183.79
2051-10-12	3.09	2.98	4.20	1.48	1.37	1.94	0.30	0.19	0.27	1.72	1.71	2.41	1.37	1.36	1.92	0.41	0.40	0.57	21.70	21.44	24.24	30.51	30.25	34.14	163.36	163.10	183.34
2051-10-13	2.85	2.74	3.95	1.37	1.26	1.81	0.27	0.17	0.23	1.59	1.58	2.28	1.27	1.26	1.81	0.38	0.37	0.53	21.39	21.18	23.87	30.21	29.99	33.77	163.06	162.84	182.97
2051-10-14	3.64	3.45	5.61	1.75	1.56	2.51	0.35	0.16	0.22	2.03	2.02	3.31	1.62	1.61	2.63	0.48	0.47	0.78	21.13	21.04	23.55	29.95	29.86	33.45	162.80	162.71	182.65
2051-10-15	6.03	5.69	9.83	2.90	2.55	4.89	0.58	0.23	1.24	3.37	3.36	5.29	2.68	2.68	4.22	0.79	0.80	1.26	20.15	20.06	22.47	28.41	28.32	31.74	139.38	139.29	156.37
2051-10-16	5.23	5.85	7.49	2.51	3.13	3.30	0.50	1.12	0.20	2.92	2.92	4.48	2.32	2.33	3.56	0.69	0.70	1.05	19.99	19.91	22.34	28.25	28.17	31.61	139.22	139.14	156.24
2051-10-17	4.90	4.57	6.63	2.35	2.02	2.82	0.47	0.14	0.00	2.74	2.72	4.07	2.18	2.17	3.24	0.65	0.64	0.96	19.81	20.00	22.14	28.07	28.26	31.42	139.04	139.23	156.05
2051-10-18	4.47	4.22	6.05	2.15	1.89	2.66	0.43	0.18	0.16	2.50	2.48	3.62	1.99	1.98	2.88	0.59	0.58	0.85	19.66	19.47	21.95	27.92	27.73	31.22	138.89	138.70	155.86
2051-10-19	3.93	3.80	5.27	1.89	1.75	2.44	0.38	0.24	0.34	2.19	2.18	3.03	1.75	1.74	2.41	0.52	0.51	0.71	19.52	19.35	21.78	27.78	27.61	31.06	138.75	138.58	155.69
2051-10-20	4.15	3.97	5.74	1.99	1.81	2.61	0.40	0.22	0.29	2.31	2.30	3.35	1.84	1.83	2.67	0.55	0.54	0.79									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2051-11-18	3.61	3.48	3.89	1.74	1.60	1.79	0.35	0.21	0.24	2.02	2.01	2.24	1.61	1.60	1.79	0.48	0.47	0.53	18.51	18.48	19.79	27.27	27.23	29.16	123.11	123.07	131.82
2051-11-19	3.23	3.11	3.43	1.55	1.43	1.58	0.31	0.19	0.21	1.80	1.79	1.98	1.43	1.43	1.57	0.43	0.42	0.46	18.50	18.47	19.78	27.25	27.22	29.16	123.09	123.07	131.81
2051-11-20	2.91	2.81	3.08	1.40	1.29	1.42	0.28	0.17	0.19	1.63	1.62	1.77	1.29	1.29	1.41	0.38	0.38	0.42	18.48	18.45	19.75	27.24	27.20	29.13	123.08	123.05	131.79
2051-11-21	2.66	2.57	2.80	1.28	1.18	1.29	0.26	0.16	0.18	1.48	1.48	1.61	1.18	1.18	1.29	0.35	0.35	0.38	18.47	18.42	19.72	27.22	27.18	29.10	123.07	123.02	131.75
2051-11-22	2.45	2.37	2.57	1.18	1.09	1.19	0.23	0.15	0.17	1.37	1.36	1.48	1.09	1.09	1.18	0.32	0.32	0.35	18.46	18.41	19.70	27.21	27.16	29.08	123.05	123.00	131.73
2051-11-23	2.27	2.19	2.36	1.09	1.01	1.09	0.22	0.14	0.15	1.27	1.26	1.36	1.01	1.00	1.08	0.30	0.30	0.32	18.44	18.40	19.69	27.20	27.15	29.07	123.04	123.00	131.72
2051-11-24	2.12	2.04	2.18	1.02	0.94	1.01	0.20	0.13	0.14	1.18	1.18	1.26	0.94	0.94	1.00	0.28	0.28	0.30	18.43	18.39	19.68	27.19	27.15	29.05	123.03	122.99	131.71
2051-11-25	1.99	1.92	2.05	0.95	0.89	0.95	0.19	0.12	0.13	1.11	1.10	1.18	0.88	0.88	0.94	0.26	0.26	0.28	18.42	18.39	19.67	27.18	27.14	29.04	123.02	122.98	131.70
2051-11-26	1.87	1.81	1.92	0.90	0.84	0.89	0.18	0.12	0.13	1.05	1.04	1.10	0.83	0.83	0.88	0.25	0.25	0.26	18.41	18.38	19.66	27.16	27.13	29.03	123.01	122.97	131.69
2051-11-27	1.77	1.72	1.82	0.85	0.80	0.84	0.17	0.12	0.12	0.99	0.99	1.04	0.79	0.79	0.83	0.23	0.23	0.25	18.40	18.37	19.65	27.15	27.12	29.02	123.00	122.97	131.68
2051-11-28	1.69	1.63	1.71	0.81	0.75	0.79	0.16	0.10	0.11	0.94	0.94	0.98	0.75	0.75	0.78	0.22	0.22	0.23	18.39	18.36	19.63	27.15	27.11	29.01	122.99	122.96	131.67
2051-11-29	1.61	1.56	1.63	0.77	0.72	0.75	0.15	0.10	0.11	0.90	0.89	0.94	0.72	0.71	0.75	0.21	0.21	0.22	18.38	18.35	19.62	27.14	27.10	28.99	122.98	122.94	131.65
2051-11-30	1.54	1.49	1.55	0.74	0.69	0.72	0.15	0.09	0.10	0.86	0.85	0.89	0.69	0.68	0.71	0.20	0.20	0.21	18.37	18.35	19.61	27.13	27.10	28.99	122.97	122.94	131.65
2051-12-01	1.48	1.43	1.49	0.71	0.66	0.69	0.14	0.09	0.09	0.83	0.82	0.85	0.66	0.65	0.68	0.20	0.19	0.20	18.37	18.34	18.70	27.12	27.10	27.61	122.96	122.94	125.16
2051-12-02	1.43	1.38	1.43	0.68	0.64	0.66	0.14	0.09	0.09	0.80	0.79	0.82	0.63	0.63	0.65	0.19	0.19	0.19	18.36	18.34	18.69	27.11	27.09	27.60	122.95	122.93	125.15
2051-12-03	1.39	1.34	1.40	0.67	0.62	0.64	0.13	0.08	0.09	0.78	0.77	0.80	0.62	0.61	0.64	0.18	0.18	0.19	18.35	18.32	18.67	27.10	27.08	27.58	122.95	122.92	125.13
2051-12-04	1.36	1.32	1.38	0.65	0.61	0.64	0.13	0.09	0.09	0.76	0.76	0.79	0.61	0.60	0.63	0.18	0.18	0.19	18.34	18.31	18.66	27.10	27.06	27.57	122.94	122.91	125.11
2051-12-05	1.32	1.28	1.33	0.63	0.59	0.61	0.13	0.08	0.09	0.74	0.73	0.76	0.59	0.58	0.61	0.17	0.17	0.18	18.34	18.30	18.64	27.09	27.05	27.55	122.93	122.89	125.10
2051-12-06	1.28	1.23	1.28	0.61	0.56	0.58	0.12	0.07	0.07	0.71	0.71	0.73	0.57	0.56	0.58	0.17	0.16	0.17	18.33	18.29	18.63	27.08	27.04	27.54	122.93	122.88	125.09
2051-12-07	1.24	1.19	1.23	0.60	0.54	0.56	0.12	0.07	0.07	0.69	0.68	0.71	0.55	0.54	0.56	0.16	0.16	0.16	18.32	18.28	18.62	27.08	27.03	27.53	122.92	122.87	125.08
2051-12-08	1.21	1.15	1.19	0.58	0.52	0.54	0.12	0.06	0.06	0.68	0.66	0.69	0.54	0.53	0.55	0.16	0.15	0.15	18.32	18.27	18.61	27.07	27.02	27.52	122.91	122.87	125.07
2051-12-09	1.18	1.12	1.16	0.57	0.51	0.53	0.11	0.06	0.06	0.66	0.65	0.67	0.52	0.51	0.53	0.16	0.15	0.15	18.31	18.27	18.61	27.07	27.02	27.52	122.91	122.86	125.06
2051-12-10	1.15	1.10	1.13	0.55	0.50	0.52	0.11	0.06	0.06	0.64	0.63	0.65	0.51	0.50	0.52	0.15	0.14	0.15	18.31	18.27	18.60	27.07	27.03	27.51	122.91	122.87	125.06
2051-12-11	1.13	1.08	1.11	0.54	0.50	0.51	0.11	0.06	0.07	0.63	0.62	0.64	0.50	0.49	0.51	0.15	0.14	0.15	18.31	18.28	18.60	27.07	27.04	27.51	122.91	122.88	125.06
2051-12-12	1.10	1.06	1.09	0.53	0.49	0.50	0.11	0.06	0.06	0.62	0.61	0.62	0.49	0.48	0.50	0.15	0.14	0.14	18.32	18.29	18.60	27.07	27.04	27.51	122.91	122.88	125.06
2051-12-13	1.08	1.04	1.07	0.52	0.48	0.49	0.10	0.06	0.06	0.60	0.60	0.61	0.48	0.47	0.49	0.14	0.14	0.14	18.32	18.29	18.60	27.07	27.05	27.51	122.91	122.89	125.06
2051-12-14	1.06	1.02	1.04	0.51	0.47	0.48	0.10	0.06	0.06	0.59	0.58	0.60	0.47	0.46	0.47	0.14	0.13	0.14	18.32	18.30	18.60	27.07	27.05	27.51	122.91	122.89	125.06
2051-12-15	1.04	1.00	1.02	0.50	0.46	0.47	0.10	0.06	0.06	0.58	0.57	0.59	0.46	0.46	0.47	0.14	0.13	0.13	13.09	13.06	13.31	19.27	19.25	19.61	81.12	81.10	82.56
2051-12-16	1.03	0.99	1.01	0.49	0.45	0.46	0.10	0.06	0.06	0.57	0.57	0.58	0.46	0.45	0.46	0.14	0.13	0.13	13.16	13.14	13.47	19.35	19.32	19.77	81.20	81.17	82.72
2051-12-17	1.01	0.97	0.99	0.48	0.44	0.45	0.10	0.06	0.06	0.56	0.56	0.57	0.45	0.44	0.45	0.13	0.13	0.13	13.04	13.03	13.30	19.23	19.21	19.60	81.07	81.06	82.55
2051-12-18	0.99	0.95	0.97	0.48	0.43	0.44	0.10	0.05	0.05	0.55	0.55	0.56	0.44	0.43	0.44	0.13	0.12	0.13	13.04	13.02	13.25	19.22	19.20	19.54	81.07	81.05	82.49
2051-12-19	0.98	0.95	0.96	0.47	0.44	0.44	0.09	0.06	0.06	0.55	0.54	0.55	0.44	0.43	0.44	0.13	0.12	0.13	13.02	13.00	13.23	19.21	19.19	19.53	81.06	81.03	82.48
2051-12-20	0.97	0.94	0.96	0.46	0.44	0.45	0.09	0.07	0.07	0.54	0.54	0.54	0.43	0.43	0.43	0.13	0.12	0.13	13.02	12.99	13.21	19.21	19.17	19.51	81.06	81.02	82.46
2051-12-21	0.95	0.93	0.95	0.46	0.43	0.44	0.09	0.07	0.07	0.53	0.53	0.54	0.42	0.42	0.43	0.13	0.12	0.13	13.02	12.99	13.21	19.21	19.18	19.51	81.06	81.02	82.46
2051-12-22	0.94	0.92	0.94	0.45	0.43	0.44	0.09	0.07	0.07	0.53	0.52	0.53	0.42	0.42	0.42	0.12	0.12	0.12	13.02	13.00	13.21	19.21	19.19	19.51	81.06	81.03	82.46
2051-12-23	0.93	0.91	0.92	0.45	0.42	0.43	0.09	0.07	0.07	0.52	0.52	0.52	0.41	0.41	0.42	0.12	0.12	0.12	13.03	13.00	13.21	19.21	19.19	19.50	81.06	81.03	82.45
2051-12-24	0.92	0.90	0.91	0.44	0.42	0.42	0.09	0.06	0.06	0.51	0.51	0.52	0.41	0.41	0.41	0.12	0.12	0.12	13.03	13.00	13.20	19.21	19.19	19.50	81.06	81.04	82.45
2051-12-25	0.91	0.89	0.90	0.44	0.41	0.42	0.09	0.06	0.06	0.51	0.50	0.51	0.40	0.40	0.41	0.12	0.12	0.12	13.03	13.01	13.20	19.21	19.19	19.50	81.06	81.04	82.45
2051-12-26	0.90	0.87	0.88	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.50	0.50	0.40	0.40	0.40	0.12	0.11	0.12	13.03	13.00	13.20	19.22	19.19	19.50	81.06	81.04	82.45
2051-12-27	0.89	0.87	0.88	0.43	0.40	0.41	0.09	0.06	0.06	0.50	0.49	0.50	0.40	0.39	0.40	0.12	0.11	0.12	13.08	13.06	13.27	19.27	19.24	19.56	81.12	81.09	82.51
2051-12-28	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.06	0.06	0.49	0.49	0.50	0.39	0.39	0.40	0.12	0.11	0.12	13.15	13.13	13.36	19.33	19.31	19.65	81.18	81.16	82.60
2051-12-29	0.88	0.86	0.87	0.42	0.40	0.41	0.08	0.06	0.07	0.49	0.49	0.49	0.39	0.39	0.39	0.12	0.11	0.12	13.04	13.02	13.22	19.22	19.20	19.51	81.07	81.05	82.46
2051-12-30	0.87	0.85	0.86	0.42	0.40	0.40	0.08	0.06	0.06	0.49	0.48	0.49	0.39	0.38	0.39	0.11	0.11	0.11	13.03	1							

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2052-01-28	0.80	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.39	10.37	10.36	16.38	16.36	16.35	69.36	69.34	69.37
2052-01-29	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.39	10.37	10.36	16.38	16.36	16.35	69.37	69.34	69.36
2052-01-30	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.39	10.36	10.36	16.38	16.35	16.35	69.37	69.34	69.36
2052-01-31	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.39	10.37	10.36	16.38	16.36	16.35	69.37	69.34	69.37
2052-02-01	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.39	10.37	10.48	16.38	16.36	16.55	69.37	69.35	70.23
2052-02-02	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.57	16.38	16.36	16.64	69.37	69.35	70.32
2052-02-03	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.69	16.39	16.37	16.76	69.37	69.35	70.44
2052-02-04	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.52	16.39	16.37	16.58	69.37	69.35	70.27
2052-02-05	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.52	16.39	16.37	16.59	69.37	69.35	70.27
2052-02-06	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.49	16.39	16.37	16.56	69.37	69.36	70.24
2052-02-07	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.48	16.39	16.37	16.55	69.38	69.36	70.23
2052-02-08	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.05	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	10.40	10.38	10.48	16.39	16.37	16.54	69.38	69.36	70.23
2052-02-09	0.81	0.79	0.82	0.39	0.37	0.38	0.08	0.05	0.06	0.45	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	10.40	10.38	10.48	16.39	16.37	16.54	69.38	69.36	70.23
2052-02-10	0.82	0.80	0.88	0.39	0.37	0.41	0.08	0.06	0.06	0.45	0.45	0.50	0.36	0.36	0.40	0.11	0.11	0.12	10.40	10.38	10.48	16.39	16.37	16.54	69.38	69.35	70.22
2052-02-11	0.82	0.80	0.84	0.39	0.38	0.40	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	10.40	10.38	10.48	16.39	16.37	16.55	69.38	69.36	70.23
2052-02-12	0.82	0.80	0.80	0.39	0.38	0.38	0.08	0.06	0.07	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.41	10.38	10.48	16.39	16.37	16.55	69.38	69.36	70.23
2052-02-13	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.41	10.38	10.58	16.40	16.37	16.64	69.38	69.36	70.32
2052-02-14	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.41	10.39	10.71	16.40	16.38	16.78	69.38	69.36	70.46
2052-02-15	0.83	0.82	0.82	0.40	0.38	0.39	0.08	0.06	0.06	0.47	0.46	0.47	0.37	0.37	0.37	0.11	0.11	0.11	10.43	10.41	10.52	15.38	15.36	15.54	65.48	65.46	66.30
2052-02-16	0.95	0.92	1.16	0.45	0.43	0.53	0.09	0.07	0.07	0.53	0.53	0.67	0.42	0.42	0.54	0.12	0.12	0.16	10.43	10.41	10.50	15.39	15.36	15.52	65.48	65.46	66.27
2052-02-17	1.03	1.00	1.59	0.49	0.47	0.73	0.10	0.07	0.10	0.57	0.57	0.92	0.46	0.45	0.73	0.14	0.13	0.22	10.43	10.41	10.50	15.39	15.36	15.52	65.48	65.46	66.27
2052-02-18	0.82	0.82	1.11	0.40	0.39	0.54	0.08	0.08	0.12	0.46	0.46	0.61	0.37	0.37	0.49	0.11	0.11	0.15	10.43	10.41	10.50	15.39	15.37	15.52	65.49	65.46	66.27
2052-02-19	0.80	0.79	0.91	0.39	0.37	0.43	0.08	0.06	0.08	0.45	0.45	0.51	0.36	0.36	0.41	0.11	0.10	0.12	10.43	10.41	10.50	15.39	15.37	15.52	65.49	65.46	66.27
2052-02-20	0.80	0.79	0.90	0.39	0.37	0.42	0.08	0.06	0.07	0.45	0.45	0.51	0.36	0.36	0.41	0.11	0.11	0.12	10.43	10.41	10.50	15.39	15.36	15.52	65.49	65.46	66.27
2052-02-21	0.81	0.79	0.91	0.39	0.37	0.42	0.08	0.06	0.07	0.45	0.45	0.51	0.36	0.36	0.41	0.11	0.11	0.12	10.44	10.41	10.50	15.39	15.37	15.52	65.49	65.47	66.28
2052-02-22	0.81	0.79	0.90	0.39	0.37	0.42	0.08	0.06	0.07	0.45	0.45	0.51	0.36	0.36	0.40	0.11	0.11	0.12	10.44	10.41	10.50	15.39	15.36	15.52	65.49	65.46	66.27
2052-02-23	0.81	0.79	0.89	0.39	0.37	0.42	0.08	0.06	0.07	0.45	0.45	0.50	0.36	0.36	0.40	0.11	0.11	0.12	10.44	10.41	10.51	15.39	15.37	15.52	65.49	65.47	66.28
2052-02-24	0.81	0.79	0.88	0.39	0.37	0.41	0.08	0.06	0.07	0.45	0.45	0.50	0.36	0.36	0.40	0.11	0.10	0.12	10.44	10.42	10.51	15.39	15.37	15.53	65.49	65.47	66.28
2052-02-25	0.81	0.79	0.87	0.39	0.37	0.41	0.08	0.06	0.06	0.45	0.45	0.49	0.36	0.36	0.39	0.11	0.10	0.12	10.44	10.41	10.50	15.39	15.37	15.52	65.49	65.46	66.28
2052-02-26	0.81	0.79	0.86	0.39	0.37	0.40	0.08	0.06	0.06	0.45	0.45	0.49	0.36	0.36	0.39	0.11	0.10	0.11	10.44	10.42	10.51	15.39	15.37	15.53	65.49	65.47	66.28
2052-02-27	0.81	0.79	0.85	0.39	0.37	0.40	0.08	0.06	0.06	0.45	0.45	0.48	0.36	0.36	0.39	0.11	0.11	0.11	10.44	10.42	10.51	15.39	15.37	15.53	65.49	65.47	66.28
2052-02-28	0.81	0.79	0.84	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.48	0.36	0.36	0.38	0.11	0.10	0.11	10.44	10.42	10.51	15.39	15.37	15.53	65.49	65.47	66.29
2052-02-29	0.81	0.79	0.84	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.48	0.36	0.36	0.38	0.11	0.11	0.11	10.70	10.66	11.25	15.65	15.62	16.27	65.75	65.71	67.02
2052-03-01	0.81	0.80	0.83	0.39	0.37	0.39	0.08	0.06	0.06	0.45	0.45	0.47	0.36	0.36	0.38	0.11	0.11	0.11	12.02	11.91	29.34	16.98	16.86	42.42	67.08	66.96	174.69
2052-03-02	0.81	0.80	1.34	0.39	0.37	0.61	0.08	0.06	0.07	0.45	0.45	0.78	0.36	0.36	0.62	0.11	0.11	0.18	12.74	12.65	31.20	17.70	17.60	44.28	67.80	67.70	176.56
2052-03-03	0.81	0.80	2.36	0.39	0.38	1.07	0.08	0.06	0.11	0.45	0.45	1.39	0.36	0.36	1.11	0.11	0.11	0.33	10.82	10.85	27.63	15.77	15.80	40.71	65.87	65.90	172.98
2052-03-04	0.81	0.80	1.69	0.39	0.38	0.82	0.08	0.06	0.18	0.45	0.45	0.94	0.36	0.36	0.75	0.11	0.11	0.23	10.79	10.75	27.30	15.74	15.71	40.38	65.84	65.81	172.65
2052-03-05	0.82	0.80	1.32	0.39	0.38	0.62	0.08	0.06	0.11	0.45	0.45	0.75	0.36	0.36	0.60	0.11	0.11	0.18	10.76	10.73	27.14	15.71	15.68	40.23	65.81	65.78	172.50
2052-03-06	0.82	0.80	1.27	0.39	0.38	0.59	0.08	0.06	0.09	0.46	0.45	0.73	0.36	0.36	0.58	0.11	0.11	0.17	10.73	10.70	27.04	15.69	15.66	40.12	65.79	65.76	172.40
2052-03-07	0.82	0.80	1.23	0.39	0.37	0.57	0.08	0.06	0.09	0.46	0.45	0.70	0.36	0.36	0.56	0.11	0.11	0.17	10.71	10.68	27.09	15.66	15.63	40.17	65.76	65.73	172.44
2052-03-08	0.82	0.80	1.20	0.39	0.38	0.56	0.08	0.06	0.09	0.46	0.45	0.68	0.36	0.36	0.55	0.11	0.11	0.16	10.69	10.66	27.12	15.64	15.61	40.20	65.74	65.71	172.47
2052-03-09	0.82	0.80	1.17	0.39	0.37	0.54	0.08	0.06	0.08	0.46	0.45	0.67	0.36	0.36	0.53	0.11	0.11	0.16	10.67	10.64	27.07	15.62	15.59	40.15	65.72	65.69	172.42
2052-03-10	0.82	0.80	1.16	0.39	0.37	0.54	0.08	0.06	0.08	0.46	0.45	0.66	0.36	0.36	0.53	0.11	0.11	0.16	10.65	10.62	27.06	15.60	15.57	40.14	65.70	65.67	172

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2052-04-08	1.80	1.75	11.60	0.86	0.82	5.35	0.17	0.13	0.73	1.00	1.00	6.69	0.80	0.80	5.33	0.24	0.24	1.58	16.96	16.86	36.20	23.86	23.76	50.67	89.25	89.16	187.66
2052-04-09	1.71	1.66	8.81	0.82	0.77	3.79	0.16	0.11	0.08	0.95	0.95	5.37	0.76	0.76	4.28	0.22	0.22	1.27	16.74	16.64	35.80	23.65	23.55	50.27	89.04	88.94	187.27
2052-04-10	1.63	1.58	8.00	0.78	0.73	3.69	0.16	0.11	0.51	0.91	0.91	4.61	0.72	0.72	3.67	0.21	0.21	1.09	16.55	16.46	35.73	23.45	23.37	50.20	88.84	88.76	187.19
2052-04-11	1.60	1.56	8.38	0.77	0.73	3.81	0.15	0.11	0.43	0.89	0.89	4.90	0.71	0.71	3.90	0.21	0.21	1.16	16.31	16.24	35.29	23.22	23.14	49.76	88.61	88.54	186.75
2052-04-12	1.62	1.57	9.06	0.78	0.73	4.20	0.16	0.10	0.61	0.90	0.90	5.21	0.72	0.72	4.15	0.21	0.21	1.23	16.11	16.04	35.98	23.02	22.94	50.45	88.41	88.33	187.45
2052-04-13	1.67	1.63	7.93	0.80	0.76	3.65	0.16	0.12	0.48	0.93	0.94	4.58	0.74	0.75	3.65	0.22	0.23	1.08	15.93	15.86	35.94	22.84	22.77	50.41	88.23	88.16	187.41
2052-04-14	1.67	1.64	6.96	0.80	0.77	3.20	0.16	0.13	0.43	0.93	0.94	4.02	0.74	0.75	3.20	0.22	0.23	0.95	15.78	15.71	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-15	1.59	1.55	6.10	0.77	0.72	2.81	0.15	0.11	0.38	0.89	0.89	3.52	0.71	0.71	2.80	0.21	0.21	0.83	15.62	15.56	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-16	1.55	1.51	5.46	0.74	0.70	2.51	0.15	0.11	0.33	0.86	0.86	3.16	0.69	0.69	2.52	0.20	0.21	0.75	15.50	15.44	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-17	1.67	1.62	5.21	0.80	0.75	2.39	0.16	0.11	0.30	0.93	0.93	3.02	0.74	0.74	2.41	0.22	0.22	0.71	15.40	15.34	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-18	1.86	1.82	4.91	0.89	0.85	2.25	0.18	0.14	0.29	1.04	1.05	2.85	0.83	0.84	2.27	0.25	0.26	0.67	15.30	15.24	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-19	1.80	1.76	4.71	0.87	0.83	2.16	0.17	0.13	0.27	1.01	1.01	2.73	0.80	0.81	2.18	0.24	0.24	0.65	15.20	15.14	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-20	1.92	1.86	4.66	0.92	0.86	2.13	0.18	0.12	0.27	1.07	1.07	2.70	0.85	0.86	2.15	0.25	0.26	0.64	15.10	15.04	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-21	2.07	2.02	4.34	0.99	0.94	2.00	0.20	0.15	0.26	1.16	1.16	2.51	0.92	0.93	2.00	0.27	0.28	0.59	15.00	14.94	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-22	2.15	2.10	3.91	1.03	0.98	1.80	0.21	0.15	0.24	1.20	1.21	2.26	0.96	0.96	1.80	0.28	0.29	0.53	14.90	14.84	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-23	2.52	2.44	4.23	1.21	1.13	1.92	0.24	0.16	0.22	1.41	1.41	2.46	1.12	1.13	1.96	0.33	0.34	0.58	14.80	14.74	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-24	2.90	2.79	4.61	1.39	1.29	2.10	0.28	0.17	0.25	1.62	1.62	2.69	1.29	1.29	2.14	0.38	0.39	0.64	14.70	14.64	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-25	2.88	2.77	4.98	1.38	1.28	2.27	0.28	0.17	0.26	1.61	1.60	2.90	1.28	1.28	2.31	0.38	0.38	0.69	14.60	14.54	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-26	3.34	3.21	7.61	1.60	1.47	3.40	0.32	0.19	0.29	1.86	1.86	4.50	1.48	1.48	3.59	0.44	0.44	1.07	14.50	14.44	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-27	3.66	3.50	10.49	1.76	1.60	4.88	0.35	0.19	0.73	2.04	2.04	6.01	1.63	1.62	4.79	0.48	0.48	1.42	14.40	14.34	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-28	3.79	3.64	8.91	1.82	1.67	4.17	0.36	0.22	0.67	2.11	2.11	5.07	1.68	1.68	4.04	0.50	0.50	1.20	14.30	14.24	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-29	3.72	3.59	6.94	1.78	1.66	3.22	0.36	0.23	0.47	2.07	2.08	3.98	1.65	1.65	3.17	0.49	0.50	0.94	14.20	14.14	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-04-30	3.49	3.38	5.65	1.67	1.57	2.62	0.33	0.23	0.37	1.94	1.95	3.25	1.55	1.55	2.59	0.46	0.47	0.77	14.10	14.04	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-01	3.31	3.19	4.75	1.59	1.47	2.20	0.32	0.20	0.31	1.85	1.84	2.73	1.47	1.47	2.18	0.44	0.44	0.65	14.00	13.94	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-02	3.34	3.23	4.09	1.60	1.50	1.89	0.32	0.22	0.26	1.86	1.86	2.35	1.48	1.48	1.87	0.44	0.44	0.55	13.90	13.84	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-03	3.91	3.75	3.58	1.87	1.72	1.66	0.37	0.22	0.23	2.18	2.18	2.06	1.73	1.74	1.64	0.51	0.52	0.48	13.80	13.74	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-04	6.16	5.86	3.19	2.96	2.66	1.47	0.59	0.29	0.20	3.44	3.45	1.83	2.74	2.75	1.46	0.81	0.83	0.43	13.70	13.64	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-05	7.88	7.73	2.88	3.78	3.64	1.33	0.76	0.61	0.19	4.40	4.41	1.66	3.50	3.52	1.32	1.04	1.06	0.39	13.60	13.54	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-06	8.23	7.98	2.94	3.95	3.70	1.35	0.79	0.54	0.17	4.59	4.60	1.70	3.66	3.66	1.35	1.08	1.10	0.40	13.50	13.44	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-07	7.85	7.61	2.99	3.77	3.53	1.37	0.75	0.51	0.18	4.38	4.37	1.72	3.49	3.48	1.37	1.03	1.04	0.40	13.40	13.34	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-08	7.53	7.24	2.72	3.61	3.33	1.26	0.72	0.43	0.17	4.20	4.19	1.56	3.34	3.34	1.24	0.99	0.99	0.36	13.30	13.24	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-09	8.02	7.74	2.49	3.85	3.57	1.15	0.77	0.49	0.16	4.47	4.48	1.43	3.56	3.57	1.14	1.06	1.07	0.33	13.20	13.14	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-10	10.22	9.77	2.70	4.91	4.45	1.23	0.98	0.52	0.15	5.70	5.71	1.56	4.54	4.55	1.24	1.35	1.36	0.36	13.10	13.04	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-11	12.17	11.93	2.93	5.84	5.60	1.34	1.17	0.93	0.17	6.79	6.79	1.70	5.41	5.42	1.35	1.60	1.62	0.40	13.00	12.94	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-12	10.18	9.92	2.66	4.89	4.63	1.23	0.98	0.71	0.17	5.68	5.68	1.52	4.52	4.53	1.21	1.34	1.36	0.36	12.90	12.84	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-13	8.43	8.18	2.44	4.05	3.80	1.13	0.81	0.56	0.16	4.70	4.70	1.40	3.74	3.75	1.11	1.11	1.12	0.33	12.80	12.74	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-14	6.84	6.65	2.25	3.29	3.09	1.04	0.66	0.46	0.15	3.82	3.81	1.29	3.04	3.04	1.03	0.90	0.90	0.30	12.70	12.64	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-15	6.95	6.65	2.92	3.33	3.04	1.32	0.67	0.37	0.14	3.87	3.87	1.71	3.08	3.08	1.36	0.91	0.91	0.40	12.60	12.54	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-16	7.17	6.96	4.49	3.44	3.23	2.04	0.69	0.48	0.23	4.00	3.99	2.62	3.18	3.18	2.09	0.94	0.94	0.62	12.50	12.44	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-17	6.70	6.05	3.33	3.21	2.57	1.56	0.64	0.00	0.25	3.74	3.72	1.89	2.97	2.96	1.50	0.88	0.87	0.44	12.40	12.34	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-18	6.94	6.28	2.96	3.33	2.67	1.36	0.67	0.00	0.19	3.87	3.86	1.70	3.08	3.07	1.35	0.91	0.90	0.40	12.30	12.24	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-19	7.25	6.55	2.68	3.48	2.78	1.24	0.69	0.00	0.17	4.04	4.02	1.54	3.22	3.20	1.23	0.95	0.94	0.36	12.20	12.14	34.63	22.69	22.62	49.10	88.08	88.01	186.09
2052-05-20	7.30	7.76	2.46	3.50	3.97	1.14	0.70	0.16	0.16	4.07	4.08	1.41	3.24	3.25	1.12	0.96	0.98	0.33	12.10	12.04	34.63	22.69	22.6				

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2052-06-18	2.88	2.78	1.50	1.38	1.28	0.69	0.28	0.18	0.10	1.60	1.59	0.85	1.28	1.27	0.68	0.38	0.37	0.20	162.62	161.14	114.07	196.08	194.59	138.22	973.09	971.60	699.06
2052-06-19	2.63	2.54	1.44	1.26	1.17	0.67	0.25	0.16	0.10	1.47	1.46	0.82	1.17	1.16	0.65	0.35	0.34	0.19	218.39	216.22	145.07	251.85	249.68	169.22	1028.86	1026.69	730.07
2052-06-20	2.42	2.34	1.39	1.16	1.08	0.64	0.23	0.15	0.09	1.35	1.34	0.79	1.07	1.07	0.63	0.32	0.31	0.18	173.87	173.64	123.42	207.33	207.09	147.57	984.34	984.10	708.41
2052-06-21	2.25	2.17	1.34	1.08	1.00	0.62	0.22	0.14	0.09	1.25	1.24	0.76	1.00	0.99	0.61	0.30	0.29	0.17	160.37	160.94	116.93	193.82	194.39	141.07	970.83	971.40	701.92
2052-06-22	2.10	2.03	1.30	1.01	0.94	0.60	0.20	0.13	0.09	1.17	1.16	0.74	0.93	0.92	0.59	0.28	0.27	0.17	153.89	153.18	111.48	187.34	186.64	135.63	964.35	963.65	696.47
2052-06-23	1.97	1.91	1.26	0.94	0.88	0.58	0.19	0.13	0.09	1.10	1.09	0.71	0.87	0.87	0.57	0.26	0.25	0.16	151.72	151.18	109.84	185.18	184.64	133.99	962.19	961.65	694.84
2052-06-24	1.86	1.80	1.22	0.89	0.83	0.57	0.18	0.12	0.08	1.04	1.03	0.69	0.82	0.82	0.55	0.24	0.24	0.16	150.12	149.98	108.74	183.57	183.43	132.89	960.58	960.44	693.74
2052-06-25	1.76	1.70	1.19	0.84	0.79	0.55	0.17	0.11	0.08	0.98	0.97	0.67	0.78	0.77	0.53	0.23	0.23	0.15	147.73	147.50	107.18	181.19	180.96	131.33	958.20	957.97	692.18
2052-06-26	1.67	1.62	1.16	0.80	0.75	0.54	0.16	0.11	0.08	0.93	0.93	0.66	0.74	0.74	0.52	0.22	0.21	0.15	146.09	145.89	106.10	179.55	179.35	130.25	956.56	956.36	691.10
2052-06-27	1.60	1.55	1.13	0.77	0.72	0.52	0.15	0.10	0.08	0.89	0.88	0.64	0.71	0.70	0.51	0.21	0.20	0.15	144.90	144.73	105.28	178.36	178.18	129.43	955.37	955.19	690.28
2052-06-28	1.53	1.49	1.11	0.74	0.69	0.51	0.15	0.10	0.08	0.85	0.85	0.63	0.68	0.67	0.50	0.20	0.20	0.14	144.01	143.85	104.64	177.46	177.30	128.79	954.47	954.31	689.64
2052-06-29	1.47	1.43	1.08	0.71	0.66	0.50	0.14	0.10	0.08	0.82	0.81	0.61	0.65	0.65	0.49	0.19	0.19	0.14	143.31	143.17	104.13	176.76	176.62	128.28	953.77	953.63	689.13
2052-06-30	1.42	1.38	1.06	0.68	0.64	0.49	0.14	0.09	0.07	0.79	0.78	0.60	0.63	0.62	0.48	0.19	0.18	0.14	142.76	142.63	103.72	176.21	176.08	127.87	953.22	953.09	688.71
2052-07-01	1.37	1.33	1.04	0.66	0.62	0.48	0.13	0.09	0.07	0.76	0.76	0.59	0.61	0.60	0.47	0.18	0.17	0.13	142.31	142.19	134.85	175.76	175.65	166.63	952.77	952.65	904.79
2052-07-02	1.33	1.29	1.02	0.64	0.60	0.48	0.13	0.09	0.07	0.74	0.73	0.58	0.59	0.58	0.46	0.17	0.17	0.13	141.94	141.83	134.56	175.39	175.28	166.34	952.40	952.29	904.50
2052-07-03	1.29	1.25	1.00	0.62	0.58	0.47	0.12	0.09	0.07	0.72	0.71	0.57	0.57	0.56	0.45	0.17	0.16	0.13	141.63	141.53	134.32	175.08	174.98	166.10	952.09	951.99	904.26
2052-07-04	1.25	1.21	0.99	0.60	0.57	0.46	0.12	0.09	0.07	0.70	0.69	0.56	0.55	0.55	0.44	0.16	0.16	0.13	141.49	141.39	134.18	174.94	174.84	165.96	951.95	951.85	904.12
2052-07-05	1.22	1.18	0.97	0.58	0.55	0.45	0.12	0.08	0.07	0.68	0.67	0.55	0.54	0.53	0.44	0.16	0.15	0.12	141.35	141.27	134.05	174.81	174.72	165.84	951.82	951.73	904.00
2052-07-06	1.19	1.15	0.96	0.57	0.54	0.45	0.11	0.08	0.07	0.66	0.65	0.54	0.53	0.52	0.43	0.16	0.15	0.12	141.13	141.05	133.88	174.59	174.51	165.66	951.60	951.51	903.82
2052-07-07	1.16	1.13	0.95	0.56	0.52	0.44	0.11	0.08	0.07	0.65	0.64	0.53	0.51	0.51	0.42	0.15	0.15	0.12	142.32	142.15	135.03	175.77	175.60	166.81	952.78	952.61	904.97
2052-07-08	1.13	1.10	0.93	0.54	0.51	0.44	0.11	0.08	0.07	0.63	0.62	0.53	0.50	0.49	0.42	0.15	0.14	0.12	144.93	144.70	137.59	178.39	178.15	169.37	955.40	955.16	907.53
2052-07-09	2.05	1.93	1.81	0.98	0.86	0.81	0.20	0.08	0.07	1.14	1.13	1.07	0.91	0.90	0.85	0.27	0.26	0.25	142.84	142.76	135.59	176.29	176.21	167.37	953.30	953.22	905.53
2052-07-10	3.58	3.44	3.29	1.72	1.58	1.52	0.34	0.20	0.21	2.00	1.99	1.89	1.59	1.58	1.50	0.47	0.47	0.44	142.37	142.26	135.13	175.83	175.71	166.92	952.84	952.72	905.08
2052-07-11	2.01	2.02	1.75	0.97	0.97	0.85	0.19	0.20	0.19	1.12	1.11	0.96	0.89	0.89	0.76	0.26	0.26	0.22	141.99	141.89	134.80	175.45	175.34	166.58	952.46	952.35	904.74
2052-07-12	1.89	1.83	1.59	0.91	0.85	0.74	0.18	0.12	0.11	1.06	1.05	0.91	0.84	0.83	0.72	0.25	0.24	0.21	141.68	141.58	134.52	175.13	175.03	166.31	952.14	952.04	904.46
2052-07-13	1.79	1.74	1.52	0.86	0.80	0.71	0.17	0.11	0.10	1.00	0.99	0.87	0.80	0.79	0.69	0.24	0.23	0.20	141.41	141.32	134.28	174.86	174.77	166.07	951.87	951.78	904.23
2052-07-14	1.70	1.65	1.46	0.82	0.76	0.68	0.16	0.11	0.10	0.95	0.94	0.83	0.76	0.75	0.66	0.22	0.22	0.19	141.18	141.09	134.08	174.63	174.55	165.86	951.64	951.56	904.02
2052-07-15	1.63	1.58	1.41	0.78	0.73	0.65	0.16	0.11	0.09	0.91	0.90	0.80	0.72	0.71	0.64	0.21	0.21	0.18	55.87	55.79	53.05	74.67	74.59	70.91	450.77	450.69	428.20
2052-07-16	1.56	1.51	1.36	0.75	0.70	0.63	0.15	0.10	0.09	0.87	0.86	0.77	0.69	0.68	0.61	0.20	0.20	0.18	55.70	55.62	52.89	74.50	74.42	70.75	450.59	450.52	428.05
2052-07-17	1.49	1.45	1.31	0.72	0.67	0.61	0.14	0.10	0.09	0.83	0.82	0.75	0.66	0.66	0.59	0.20	0.19	0.17	55.55	55.48	52.76	74.35	74.28	70.62	450.44	450.38	427.91
2052-07-18	1.44	1.39	1.27	0.69	0.65	0.59	0.14	0.10	0.09	0.80	0.79	0.72	0.64	0.63	0.57	0.19	0.18	0.17	55.45	55.38	52.65	74.26	74.19	70.51	450.35	450.28	427.80
2052-07-19	1.39	1.35	1.24	0.67	0.63	0.58	0.13	0.09	0.09	0.77	0.77	0.70	0.62	0.61	0.56	0.18	0.18	0.16	55.37	55.30	52.56	74.17	74.11	70.42	450.26	450.20	427.71
2052-07-20	1.34	1.30	1.20	0.64	0.61	0.56	0.13	0.09	0.08	0.75	0.74	0.68	0.60	0.59	0.54	0.18	0.17	0.16	55.26	55.19	52.46	74.06	73.99	70.32	450.15	450.09	427.61
2052-07-21	1.30	1.26	1.17	0.62	0.59	0.54	0.12	0.09	0.08	0.72	0.72	0.66	0.58	0.57	0.53	0.17	0.16	0.15	55.16	55.10	52.38	73.96	73.90	70.24	450.05	450.00	427.53
2052-07-22	1.26	1.23	1.14	0.61	0.57	0.53	0.12	0.09	0.08	0.70	0.70	0.65	0.56	0.55	0.51	0.17	0.16	0.15	55.07	55.01	52.29	73.87	73.81	70.15	449.97	449.91	427.45
2052-07-23	1.23	1.19	1.12	0.59	0.56	0.52	0.12	0.08	0.08	0.68	0.68	0.63	0.55	0.54	0.50	0.16	0.15	0.14	54.99	54.93	52.22	73.79	73.73	70.08	449.89	449.83	427.38
2052-07-24	1.20	1.16	1.09	0.57	0.54	0.51	0.11	0.08	0.08	0.67	0.66	0.62	0.53	0.52	0.49	0.16	0.15	0.14	54.92	54.86	52.16	73.72	73.66	70.02	449.81	449.76	427.31
2052-07-25	1.17	1.14	1.07	0.56	0.53	0.50	0.11	0.08	0.08	0.65	0.64	0.60	0.52	0.51	0.48	0.15	0.15	0.14	54.85	54.80	52.10	73.65	73.60	69.96	449.75	449.70	427.25
2052-07-26	1.14	1.11	1.05	0.55	0.52	0.49	0.11	0.08	0.07	0.64	0.63	0.59	0.51	0.50	0.47	0.15	0.14	0.13	54.79	54.74	52.05	73.59	73.54	69.91	449.69	449.64	427.20
2052-07-27	1.12	1.09	1.03	0.54	0.51	0.48	0.11	0.08	0.07	0.62	0.61	0.58	0.50	0.49	0.46	0.15	0.14	0.13	54.74	54.69	52.00	73.54	73.49	69.86	449.63	449.59	427.15
2052-07-28	1.09	1.06	1.01	0.52	0.50	0.47	0.10	0.08	0.07	0.61	0.60	0.57	0.49	0.48	0.45	0.14	0.14	0.13	54.77	54.72	52.01	73.57	73.52	69.87	449.66	449.61	427.16
2052-07-29	1.07	1.05	1.00	0.51	0.49	0.46	0.10	0.08	0.07	0.60	0.59	0.56	0.48	0.47	0.45	0.14	0.13	0.13	54.79	54.74	52.03	73.59	73.55	69.89	449.69	449.64	427.18
2052-07-30																											

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2052-08-28	0.84	0.82	0.79	0.40	0.39	0.37	0.08	0.06	0.06	0.47	0.46	0.44	0.37	0.37	0.35	0.11	0.10	0.10	29.60	29.54	26.97	40.57	40.52	37.00	225.42	225.37	206.07
2052-08-29	0.83	0.82	0.79	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.46	0.44	0.37	0.36	0.35	0.11	0.10	0.10	29.52	29.46	26.91	40.49	40.43	36.94	225.34	225.29	206.01
2052-08-30	0.83	0.81	0.78	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	29.44	29.39	26.85	40.41	40.36	36.89	225.26	225.21	205.95
2052-08-31	0.82	0.81	0.78	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	29.37	29.32	26.80	40.34	40.29	36.84	225.19	225.14	205.90
2052-09-01	0.82	0.80	0.78	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.43	0.36	0.36	0.34	0.11	0.10	0.10	29.31	29.26	26.75	40.28	40.23	36.79	225.13	225.08	205.85
2052-09-02	0.81	0.80	0.78	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.43	0.36	0.35	0.35	0.11	0.10	0.10	29.25	29.20	26.70	40.22	40.17	36.74	225.07	225.02	205.80
2052-09-03	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.19	29.15	26.65	40.17	40.12	36.69	225.02	224.97	205.75
2052-09-04	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.15	29.10	26.60	40.12	40.07	36.64	224.97	224.92	205.70
2052-09-05	0.80	0.79	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	29.23	29.18	26.55	40.20	40.15	36.59	225.06	225.01	205.65
2052-09-06	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	32.12	31.89	35.46	43.09	42.86	47.74	227.94	227.71	254.65
2052-09-07	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	35.69	35.46	39.61	46.67	46.43	51.90	231.52	231.28	258.80
2052-09-08	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	32.40	32.36	36.00	43.37	43.33	48.28	228.22	228.18	255.18
2052-09-09	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	31.90	31.78	35.33	42.87	42.75	47.61	227.72	227.60	254.52
2052-09-10	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	31.49	31.38	34.88	42.46	42.35	47.16	227.31	227.20	254.06
2052-09-11	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.45	0.36	0.35	0.36	0.11	0.10	0.10	31.15	31.05	34.51	42.12	42.02	46.79	226.97	226.87	253.69
2052-09-12	0.83	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.46	0.37	0.36	0.37	0.11	0.10	0.11	30.86	30.77	34.20	41.84	41.74	46.48	226.69	226.59	253.38
2052-09-13	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	30.62	30.53	33.93	41.59	41.51	46.22	226.44	226.36	253.12
2052-09-14	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	30.41	30.33	33.71	41.38	41.30	45.99	226.24	226.16	252.90
2052-09-15	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	20.21	20.13	22.30	29.11	29.04	32.27	159.12	159.04	177.78
2052-09-16	0.80	0.79	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	20.62	20.51	22.77	29.53	29.42	32.73	159.53	159.42	178.24
2052-09-17	0.94	0.91	0.93	0.45	0.42	0.43	0.09	0.06	0.06	0.52	0.51	0.53	0.42	0.41	0.42	0.12	0.12	0.12	22.87	22.64	25.35	31.77	31.54	35.32	161.77	161.55	180.83
2052-09-18	1.10	1.07	1.11	0.53	0.50	0.52	0.11	0.07	0.08	0.61	0.61	0.63	0.49	0.48	0.50	0.15	0.14	0.15	22.72	22.57	25.32	31.62	31.47	35.29	161.62	161.48	180.80
2052-09-19	0.82	0.82	0.83	0.39	0.39	0.40	0.08	0.08	0.08	0.46	0.45	0.45	0.36	0.36	0.36	0.11	0.10	0.10	21.81	21.70	24.23	30.71	30.61	34.20	160.71	160.61	179.71
2052-09-20	0.91	0.88	0.98	0.44	0.41	0.45	0.09	0.06	0.06	0.51	0.50	0.56	0.40	0.40	0.44	0.12	0.11	0.13	21.41	21.30	23.74	30.31	30.21	33.71	160.32	160.21	179.22
2052-09-21	1.05	1.02	1.24	0.50	0.48	0.57	0.10	0.07	0.08	0.59	0.58	0.71	0.47	0.46	0.56	0.14	0.13	0.16	21.48	21.35	23.81	30.38	30.26	33.78	160.38	160.26	179.29
2052-09-22	0.85	0.84	0.89	0.41	0.40	0.43	0.08	0.08	0.09	0.47	0.47	0.49	0.38	0.37	0.39	0.11	0.11	0.11	21.95	21.81	24.38	30.86	30.71	34.35	160.86	160.71	179.86
2052-09-23	0.84	0.83	0.87	0.40	0.39	0.41	0.08	0.07	0.07	0.47	0.46	0.49	0.37	0.37	0.39	0.11	0.10	0.11	23.18	22.97	25.88	32.08	31.87	35.85	162.09	161.88	181.36
2052-09-24	0.84	0.82	0.86	0.40	0.39	0.40	0.08	0.07	0.07	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.10	0.11	23.97	23.76	26.84	32.88	32.66	36.81	162.88	162.66	182.32
2052-09-25	0.83	0.82	0.85	0.40	0.38	0.40	0.08	0.07	0.07	0.46	0.46	0.48	0.37	0.36	0.38	0.11	0.10	0.11	23.07	22.92	25.75	31.97	31.83	35.72	161.97	161.83	181.23
2052-09-26	0.83	0.81	0.85	0.40	0.38	0.40	0.08	0.07	0.07	0.46	0.45	0.47	0.37	0.36	0.38	0.11	0.10	0.11	22.43	22.30	24.95	31.33	31.20	34.92	161.34	161.20	180.43
2052-09-27	0.82	0.81	0.84	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	25.74	25.37	28.84	34.64	34.28	38.81	164.65	164.28	184.32
2052-09-28	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.45	0.47	0.36	0.36	0.37	0.11	0.10	0.11	34.29	33.18	39.01	43.19	42.09	48.97	173.19	172.09	194.49
2052-09-29	0.81	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.45	0.45	0.46	0.36	0.35	0.37	0.11	0.10	0.10	31.17	30.41	35.97	40.07	39.31	45.93	170.08	169.31	191.44
2052-09-30	0.97	0.94	1.03	0.47	0.44	0.47	0.09	0.06	0.07	0.54	0.53	0.59	0.43	0.42	0.47	0.13	0.12	0.13	29.01	28.71	32.42	37.92	37.61	42.39	167.92	167.62	187.90
2052-10-01	1.19	1.15	1.52	0.57	0.53	0.69	0.11	0.08	0.08	0.66	0.66	0.88	0.53	0.52	0.70	0.16	0.15	0.20	26.98	26.74	30.15	35.88	35.64	40.07	165.88	165.64	184.88
2052-10-02	0.88	0.88	1.24	0.42	0.42	0.59	0.08	0.08	0.11	0.49	0.48	0.69	0.39	0.38	0.55	0.12	0.11	0.16	25.41	25.21	28.28	34.32	34.12	38.20	164.32	164.12	183.01
2052-10-03	0.87	0.85	1.03	0.42	0.40	0.49	0.08	0.07	0.09	0.48	0.48	0.57	0.39	0.38	0.45	0.11	0.11	0.13	24.23	24.05	26.82	33.13	32.96	36.74	163.13	162.96	181.55
2052-10-04	0.86	0.85	1.00	0.41	0.40	0.47	0.08	0.07	0.08	0.48	0.47	0.56	0.38	0.38	0.45	0.11	0.11	0.13	23.33	23.18	25.75	32.24	32.08	35.67	162.24	162.08	180.48
2052-10-05	0.86	0.78	0.99	0.41	0.33	0.46	0.08	0.00	0.07	0.48	0.47	0.56	0.38	0.38	0.44	0.11	0.11	0.13	22.64	22.28	24.94	31.54	31.19	34.86	161.54	161.19	179.67
2052-10-06	0.86	0.78	0.98	0.41	0.33	0.46	0.08	0.00	0.08	0.48	0.47	0.55	0.38	0.38	0.44	0.11	0.11	0.13	22.40	22.06	24.75	31.30	30.97	34.67	161.31	160.97	179.48
2052-10-07	0.86	0.80	0.97	0.41	0.35	0.45	0.08	0.02	0.07	0.48	0.47	0.54	0.38	0.37	0.43	0.11	0.11	0.12	22.17	21.85	24.58	31.08	30.75	34.50	161.08	160.76	179.31
2052-10-08	0.85	0.83	0.95	0.41	0.39	0.45	0.08	0.07	0.07	0.47	0.47	0.54	0.38	0.37	0.43	0.11	0.11	0.12	21.71	21.42	24.03	30.61	30.32	33.95	160.62	160.32	178.76
2052-10-09	0.84	0.83	0.94	0.40	0.39	0.44	0.08	0.06	0.07	0.47	0.46	0.53	0.37	0.37	0.												

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2052-11-07	1.45	1.38	1.62	0.69	0.63	0.74	0.14	0.08	0.09	0.81	0.80	0.93	0.64	0.63	0.74	0.19	0.18	0.21	18.38	18.34	19.64	26.39	26.36	28.22	135.45	135.42	144.96
2052-11-08	1.40	1.35	1.56	0.67	0.62	0.72	0.13	0.08	0.10	0.78	0.77	0.90	0.62	0.61	0.71	0.18	0.18	0.21	18.36	18.32	19.62	26.37	26.34	28.20	135.43	135.40	144.93
2052-11-09	1.35	1.30	1.49	0.65	0.60	0.69	0.13	0.08	0.10	0.75	0.75	0.86	0.60	0.59	0.68	0.18	0.17	0.20	18.33	18.30	19.58	26.35	26.31	28.16	135.41	135.37	144.90
2052-11-10	1.31	1.27	1.44	0.63	0.59	0.67	0.13	0.09	0.10	0.73	0.73	0.83	0.58	0.58	0.66	0.17	0.17	0.19	18.31	18.28	19.56	26.33	26.29	28.13	135.39	135.35	144.87
2052-11-11	1.27	1.23	1.39	0.61	0.57	0.64	0.12	0.08	0.09	0.71	0.70	0.79	0.56	0.56	0.63	0.17	0.17	0.19	18.29	18.26	19.53	26.31	26.27	28.11	135.37	135.33	144.85
2052-11-12	1.23	1.20	1.34	0.59	0.56	0.62	0.12	0.09	0.09	0.69	0.69	0.77	0.55	0.55	0.61	0.16	0.16	0.18	18.29	18.26	19.54	26.30	26.28	28.12	135.36	135.34	144.86
2052-11-13	1.20	1.17	1.30	0.58	0.54	0.60	0.12	0.08	0.09	0.67	0.67	0.74	0.53	0.53	0.59	0.16	0.16	0.17	18.30	18.29	19.59	26.31	26.30	28.17	135.37	135.36	144.91
2052-11-14	1.17	1.14	1.30	0.56	0.53	0.60	0.11	0.08	0.09	0.65	0.65	0.74	0.52	0.52	0.59	0.15	0.15	0.18	18.29	18.27	19.58	26.30	26.29	28.15	135.36	135.35	144.89
2052-11-15	1.15	1.11	1.29	0.55	0.52	0.60	0.11	0.08	0.09	0.64	0.64	0.74	0.51	0.51	0.59	0.15	0.15	0.17	18.54	18.51	19.82	27.30	27.27	29.20	123.14	123.11	131.79
2052-11-16	1.12	1.09	1.26	0.54	0.51	0.58	0.11	0.08	0.09	0.63	0.62	0.72	0.50	0.50	0.57	0.15	0.15	0.17	18.53	18.49	19.79	27.28	27.25	29.17	123.12	123.09	131.76
2052-11-17	1.10	1.07	1.22	0.53	0.50	0.57	0.11	0.07	0.08	0.61	0.61	0.70	0.49	0.48	0.56	0.14	0.14	0.16	18.51	18.47	19.78	27.27	27.23	29.15	123.11	123.07	131.74
2052-11-18	1.08	1.04	1.19	0.52	0.48	0.55	0.10	0.07	0.08	0.60	0.60	0.68	0.48	0.47	0.54	0.14	0.14	0.16	18.49	18.47	19.77	27.25	27.22	29.14	123.09	123.06	131.73
2052-11-19	1.06	1.03	1.17	0.51	0.48	0.54	0.10	0.08	0.08	0.59	0.59	0.67	0.47	0.47	0.53	0.14	0.14	0.16	18.48	18.45	19.74	27.24	27.20	29.11	123.08	123.04	131.70
2052-11-20	1.07	1.04	1.19	0.51	0.48	0.55	0.10	0.07	0.08	0.60	0.59	0.68	0.47	0.47	0.54	0.14	0.14	0.16	18.47	18.42	19.71	27.22	27.18	29.08	123.06	123.02	131.67
2052-11-21	1.97	1.86	2.29	0.95	0.83	1.02	0.19	0.07	0.08	1.10	1.10	1.36	0.88	0.87	1.08	0.26	0.26	0.32	18.45	18.40	19.69	27.21	27.16	29.06	123.05	123.00	131.65
2052-11-22	4.70	4.40	5.56	2.26	1.95	2.47	0.45	0.14	0.19	2.62	2.62	3.31	2.09	2.09	2.64	0.62	0.62	0.79	18.44	18.40	19.68	27.20	27.15	29.05	123.04	123.00	131.64
2052-11-23	5.08	5.21	6.49	2.44	2.56	3.18	0.49	0.61	0.74	2.84	2.85	3.56	2.26	2.27	2.84	0.67	0.69	0.86	18.43	18.39	19.67	27.18	27.14	29.04	123.03	122.99	131.63
2052-11-24	3.31	3.27	4.29	1.59	1.55	2.01	0.32	0.27	0.34	1.85	1.85	2.43	1.47	1.47	1.94	0.44	0.44	0.58	18.42	18.38	19.66	27.17	27.14	29.03	123.02	122.98	131.62
2052-11-25	3.49	3.34	4.57	1.68	1.53	2.08	0.33	0.19	0.24	1.95	1.94	2.66	1.55	1.55	2.12	0.46	0.46	0.63	18.41	18.37	19.64	27.16	27.13	29.01	123.01	122.97	131.60
2052-11-26	3.58	3.43	4.77	1.72	1.57	2.20	0.34	0.20	0.30	2.00	1.99	2.76	1.59	1.59	2.20	0.47	0.47	0.65	18.40	18.37	19.63	27.15	27.12	29.00	123.00	122.96	131.59
2052-11-27	3.20	3.09	4.14	1.53	1.43	1.91	0.31	0.20	0.27	1.78	1.78	2.39	1.42	1.42	1.90	0.42	0.42	0.56	18.39	18.36	19.62	27.14	27.11	28.99	122.99	122.95	131.58
2052-11-28	2.89	2.79	3.64	1.39	1.29	1.68	0.28	0.18	0.23	1.61	1.61	2.10	1.28	1.28	1.67	0.38	0.38	0.50	18.38	18.35	19.60	27.14	27.10	28.98	122.98	122.94	131.57
2052-11-29	2.64	2.55	3.24	1.27	1.18	1.50	0.25	0.16	0.21	1.47	1.47	1.87	1.17	1.17	1.49	0.35	0.35	0.44	18.37	18.34	19.60	27.13	27.10	28.97	122.97	122.94	131.56
2052-11-30	2.43	2.35	2.91	1.17	1.08	1.34	0.23	0.15	0.19	1.36	1.35	1.68	1.08	1.08	1.34	0.32	0.32	0.40	18.36	18.34	19.60	27.12	27.10	28.97	122.96	122.94	131.56
2052-12-01	2.25	2.18	2.65	1.08	1.01	1.22	0.22	0.14	0.17	1.26	1.25	1.53	1.00	1.00	1.22	0.30	0.30	0.36	18.36	18.33	18.68	27.11	27.09	27.59	122.95	122.93	125.09
2052-12-02	2.10	2.03	2.43	1.01	0.94	1.12	0.20	0.13	0.16	1.17	1.17	1.40	0.93	0.93	1.11	0.28	0.28	0.33	18.35	18.32	18.66	27.10	27.07	27.57	122.95	122.92	125.07
2052-12-03	1.98	1.91	2.25	0.95	0.88	1.04	0.19	0.12	0.14	1.10	1.10	1.29	0.88	0.87	1.03	0.26	0.26	0.30	18.34	18.31	18.65	27.10	27.06	27.55	122.94	122.90	125.05
2052-12-04	1.86	1.80	2.09	0.89	0.83	0.96	0.18	0.11	0.13	1.04	1.03	1.20	0.83	0.82	0.96	0.25	0.24	0.28	18.33	18.29	18.63	27.09	27.05	27.54	122.93	122.89	125.04
2052-12-05	1.77	1.70	1.96	0.85	0.78	0.90	0.17	0.11	0.12	0.99	0.98	1.13	0.78	0.78	0.90	0.23	0.23	0.26	18.33	18.28	18.62	27.08	27.04	27.53	122.93	122.88	125.03
2052-12-06	1.68	1.62	1.84	0.81	0.75	0.85	0.16	0.10	0.12	0.94	0.93	1.06	0.75	0.74	0.84	0.22	0.22	0.25	18.32	18.27	18.61	27.08	27.03	27.51	122.92	122.87	125.02
2052-12-07	1.60	1.55	1.74	0.77	0.71	0.80	0.15	0.10	0.11	0.89	0.89	1.00	0.71	0.71	0.80	0.21	0.21	0.23	18.32	18.27	18.60	27.07	27.02	27.51	122.91	122.87	125.01
2052-12-08	1.54	1.48	1.66	0.74	0.68	0.76	0.15	0.09	0.10	0.86	0.85	0.95	0.68	0.68	0.76	0.20	0.20	0.22	18.31	18.27	18.60	27.07	27.02	27.50	122.91	122.86	125.00
2052-12-09	1.48	1.42	1.58	0.71	0.66	0.73	0.14	0.09	0.10	0.82	0.82	0.91	0.66	0.65	0.72	0.19	0.19	0.21	18.31	18.27	18.59	27.07	27.03	27.50	122.91	122.87	125.00
2052-12-10	1.42	1.37	1.51	0.68	0.63	0.70	0.14	0.09	0.10	0.79	0.79	0.87	0.63	0.63	0.69	0.19	0.18	0.20	18.31	18.28	18.59	27.07	27.04	27.50	122.91	122.88	125.00
2052-12-11	1.37	1.32	1.45	0.66	0.61	0.67	0.13	0.08	0.09	0.77	0.76	0.83	0.61	0.60	0.66	0.18	0.18	0.19	18.31	18.28	18.59	27.07	27.04	27.50	122.91	122.88	125.00
2052-12-12	1.33	1.28	1.39	0.64	0.59	0.64	0.13	0.08	0.09	0.74	0.74	0.80	0.59	0.59	0.64	0.17	0.17	0.19	18.32	18.29	18.59	27.07	27.05	27.50	122.91	122.89	125.00
2052-12-13	1.29	1.24	1.35	0.62	0.57	0.62	0.12	0.08	0.09	0.72	0.71	0.77	0.57	0.57	0.61	0.17	0.17	0.18	18.32	18.30	18.59	27.07	27.05	27.50	122.91	122.89	125.00
2052-12-14	1.25	1.21	1.30	0.60	0.56	0.60	0.12	0.08	0.08	0.70	0.69	0.75	0.56	0.55	0.59	0.16	0.16	0.17	18.38	18.36	18.70	27.14	27.11	27.60	122.98	122.96	125.10
2052-12-15	1.22	1.18	1.27	0.58	0.55	0.59	0.12	0.08	0.09	0.68	0.68	0.72	0.54	0.54	0.58	0.16	0.16	0.17	13.16	13.14	13.47	19.35	19.32	19.77	81.20	81.17	82.69
2052-12-16	1.19	1.15	1.23	0.57	0.53	0.57	0.11	0.08	0.08	0.66	0.66	0.70	0.53	0.52	0.56	0.16	0.15	0.16	13.04	13.03	13.30	19.23	19.21	19.59	81.07	81.06	82.51
2052-12-17	1.16	1.13	1.20	0.56	0.52	0.56	0.11	0.08	0.08	0.65	0.64	0.68	0.51	0.51	0.54	0.15	0.15	0.16	13.04	13.02	13.24	19.22	19.20	19.53	81.07	81.05	82.45
2052-12-18	1.13	1.10	1.17	0.54	0.51	0.54	0.11	0.08	0.08	0.63	0.63	0.67	0.50	0.50	0.53	0.15	0.15	0.16	13.02	13.00	13.23	19.21	19.19	19.52	81.06	81.03	82.44
2052-12-19	1.11	1.08	1.13	0.53	0.50	0.53	0.11	0.07	0.08	0.62	0.61	0.65	0.49	0.49	0.52	0.15	0.14	0.15	13.02								

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2053-01-17	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.36	0.11	0.11	0.11	10.38	10.35	10.34	16.37	16.34	16.33	69.35	69.33	69.32
2053-01-18	0.80	0.79	0.80	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.11	10.38	10.36	10.34	16.37	16.34	16.33	69.35	69.33	69.32
2053-01-19	0.80	0.79	0.80	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.35	0.36	0.11	0.10	0.11	10.38	10.36	10.35	16.37	16.35	16.34	69.35	69.34	69.32
2053-01-20	0.80	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.11	0.10	0.11	10.38	10.36	10.35	16.37	16.35	16.33	69.36	69.33	69.32
2053-01-21	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.38	10.36	10.35	16.37	16.35	16.33	69.36	69.33	69.32
2053-01-22	0.79	0.78	0.79	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.38	10.36	10.34	16.37	16.35	16.33	69.36	69.33	69.32
2053-01-23	0.79	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.38	10.36	10.34	16.37	16.35	16.33	69.36	69.33	69.32
2053-01-24	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.39	10.36	10.35	16.38	16.35	16.34	69.36	69.34	69.32
2053-01-25	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.39	10.37	10.36	16.38	16.36	16.34	69.36	69.34	69.33
2053-01-26	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.39	10.37	10.36	16.38	16.36	16.34	69.36	69.34	69.33
2053-01-27	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.39	10.37	10.36	16.38	16.36	16.35	69.36	69.34	69.33
2053-01-28	0.98	0.94	0.99	0.47	0.44	0.45	0.09	0.06	0.06	0.54	0.54	0.57	0.43	0.43	0.45	0.13	0.13	0.13	10.39	10.37	10.36	16.38	16.36	16.35	69.37	69.34	69.33
2053-01-29	1.19	1.15	1.25	0.57	0.53	0.57	0.11	0.07	0.07	0.66	0.66	0.72	0.53	0.53	0.58	0.16	0.16	0.17	10.39	10.37	10.36	16.38	16.36	16.34	69.37	69.34	69.33
2053-01-30	0.83	0.84	0.87	0.40	0.40	0.42	0.08	0.08	0.09	0.47	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.39	10.36	10.35	16.38	16.35	16.34	69.37	69.34	69.33
2053-01-31	0.83	0.81	0.84	0.40	0.38	0.39	0.08	0.06	0.07	0.46	0.46	0.48	0.37	0.37	0.38	0.11	0.11	0.11	10.39	10.37	10.36	16.38	16.36	16.35	69.37	69.34	69.33
2053-02-01	0.82	0.81	0.83	0.40	0.38	0.39	0.08	0.06	0.06	0.46	0.46	0.47	0.37	0.36	0.38	0.11	0.11	0.11	10.40	10.37	10.37	16.38	16.36	16.36	69.37	69.35	69.37
2053-02-02	0.82	0.80	0.83	0.39	0.38	0.39	0.08	0.06	0.07	0.46	0.46	0.47	0.36	0.36	0.37	0.11	0.11	0.11	10.40	10.38	10.46	16.39	16.37	16.45	69.37	69.35	69.46
2053-02-03	0.81	0.79	0.82	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	10.40	10.38	10.59	16.39	16.37	16.58	69.37	69.35	69.59
2053-02-04	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	10.40	10.38	10.41	16.39	16.37	16.40	69.37	69.35	69.41
2053-02-05	0.81	0.79	0.81	0.39	0.37	0.38	0.08	0.06	0.06	0.45	0.45	0.46	0.36	0.36	0.37	0.11	0.10	0.11	10.40	10.38	10.43	16.39	16.37	16.42	69.37	69.36	69.42
2053-02-06	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.36	0.35	0.36	0.11	0.10	0.11	10.40	10.38	10.38	16.39	16.37	16.37	69.38	69.36	69.38
2053-02-07	0.80	0.78	0.81	0.38	0.37	0.38	0.08	0.06	0.06	0.45	0.44	0.46	0.35	0.35	0.36	0.11	0.10	0.11	10.40	10.38	10.36	16.39	16.37	16.35	69.38	69.36	69.36
2053-02-08	0.79	0.78	0.80	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.11	10.40	10.38	10.36	16.39	16.37	16.35	69.38	69.36	69.36
2053-02-09	0.79	0.77	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.40	10.38	10.36	16.39	16.37	16.35	69.38	69.36	69.36
2053-02-10	0.79	0.77	0.79	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.45	0.35	0.35	0.36	0.10	0.10	0.10	10.40	10.38	10.36	16.39	16.37	16.35	69.38	69.35	69.36
2053-02-11	0.79	0.77	0.78	0.38	0.36	0.37	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.41	10.38	10.36	16.39	16.37	16.35	69.38	69.36	69.36
2053-02-12	0.80	0.77	0.78	0.38	0.36	0.36	0.08	0.05	0.05	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.41	10.38	10.36	16.40	16.37	16.35	69.38	69.36	69.36
2053-02-13	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.44	0.44	0.44	0.35	0.35	0.35	0.10	0.10	0.10	10.41	10.38	10.47	16.40	16.37	16.46	69.38	69.36	69.47
2053-02-14	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.41	10.39	10.61	16.40	16.38	16.60	69.38	69.36	69.61
2053-02-15	0.80	0.78	0.78	0.38	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.35	0.35	0.35	0.11	0.10	0.10	10.43	10.41	10.41	15.39	15.36	15.36	65.48	65.46	65.48
2053-02-16	0.80	0.78	0.78	0.38	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.43	10.41	10.38	15.39	15.36	15.33	65.48	65.46	65.45
2053-02-17	0.80	0.78	0.78	0.38	0.37	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.43	10.41	10.38	15.39	15.36	15.34	65.49	65.46	65.46
2053-02-18	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.43	10.41	10.38	15.39	15.37	15.34	65.49	65.46	65.46
2053-02-19	0.80	0.78	0.78	0.38	0.36	0.36	0.08	0.05	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.43	10.41	10.38	15.39	15.37	15.34	65.49	65.46	65.46
2053-02-20	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.05	0.05	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.43	10.41	10.38	15.39	15.37	15.34	65.49	65.46	65.46
2053-02-21	0.80	0.78	0.78	0.39	0.36	0.36	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.44	10.41	10.38	15.39	15.37	15.34	65.49	65.47	65.46
2053-02-22	0.80	0.78	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.44	10.41	10.38	15.39	15.36	15.34	65.49	65.46	65.46
2053-02-23	0.81	0.78	0.78	0.39	0.37	0.36	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	10.44	10.41	10.39	15.39	15.37	15.34	65.49	65.47	65.46
2053-02-24	0.81	0.79	0.78	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	10.44	10.42	10.39	15.39	15.37	15.35	65.49	65.47	65.46
2053-02-25	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.35	0.11	0.11	0.10	10.44	10.41	10.39	15.39	15.37	15.34	65.49	65.47	65.46
2053-02-26	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.35	0.11	0.10	0.10	10.44	10.42	10.39	15.39	15.37	15.35	65.49	65.47	65.47
2053-02-27	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.44	10.42	10.39	15.39	15.37	15.35	65.49	65.47	65.47
2053-02-28	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.45	0.45	0.36	0.36	0.36	0.11	0.11	0.10	10.44	10.42	10.39	15.39	15.37	15.35	65.49	65.47	65.47
2053-03-01	0.81	0.79																									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2053-03-29	0.83	0.81	3.58	0.40	0.38	1.65	0.08	0.06	0.22	0.46	0.46	2.07	0.37	0.37	1.65	0.11	0.11	0.49	14.75	14.73	40.95	21.66	21.63	60.16	87.05	87.03	242.01
2053-03-30	0.83	0.82	3.46	0.40	0.38	1.60	0.08	0.06	0.22	0.46	0.46	2.00	0.37	0.37	1.59	0.11	0.11	0.48	14.79	14.76	41.48	21.69	21.67	60.69	87.08	87.06	242.54
2053-03-31	0.83	0.81	3.09	0.40	0.38	1.43	0.08	0.06	0.20	0.46	0.46	1.78	0.37	0.37	1.42	0.11	0.11	0.42	14.89	14.87	42.08	21.79	21.78	61.29	87.18	87.17	243.15
2053-04-01	0.83	0.81	2.80	0.40	0.38	1.29	0.08	0.06	0.18	0.46	0.46	1.61	0.37	0.37	1.28	0.11	0.11	0.38	15.26	15.22	34.80	22.16	22.13	49.64	87.55	87.52	190.22
2053-04-02	0.83	0.81	2.56	0.40	0.38	1.18	0.08	0.06	0.16	0.46	0.46	1.47	0.37	0.37	1.17	0.11	0.11	0.35	15.75	15.71	36.28	22.66	22.62	51.12	88.05	88.01	191.70
2053-04-03	0.83	0.81	2.42	0.40	0.38	1.11	0.08	0.06	0.15	0.46	0.46	1.39	0.37	0.37	1.11	0.11	0.11	0.33	15.87	15.84	36.35	22.78	22.75	51.20	88.17	88.14	191.77
2053-04-04	0.83	0.81	2.31	0.40	0.38	1.08	0.08	0.06	0.16	0.46	0.46	1.33	0.37	0.37	1.06	0.11	0.11	0.32	16.18	16.13	37.50	23.09	23.04	52.35	88.48	88.43	192.92
2053-04-05	0.83	0.81	2.14	0.40	0.38	0.99	0.08	0.06	0.14	0.46	0.46	1.23	0.37	0.37	0.98	0.11	0.11	0.29	17.15	17.06	39.47	24.06	23.96	54.31	89.45	89.36	194.89
2053-04-06	0.83	0.81	2.29	0.40	0.38	1.05	0.08	0.06	0.13	0.46	0.46	1.33	0.37	0.37	1.06	0.11	0.11	0.31	17.88	17.76	41.26	24.78	24.67	56.11	90.18	90.06	196.68
2053-04-07	0.83	0.81	2.95	0.40	0.38	1.35	0.08	0.06	0.16	0.46	0.46	1.73	0.37	0.37	1.38	0.11	0.11	0.41	17.83	17.76	41.21	24.74	24.67	56.06	90.13	90.06	196.63
2053-04-08	0.97	0.95	4.03	0.47	0.44	1.84	0.09	0.06	0.22	0.54	0.54	2.36	0.43	0.43	1.88	0.13	0.13	0.57	17.30	17.20	38.70	24.21	24.11	53.55	89.60	89.50	194.12
2053-04-09	1.20	1.19	6.16	0.58	0.56	2.81	0.12	0.10	0.33	0.67	0.68	3.62	0.53	0.54	2.89	0.16	0.17	0.88	16.95	16.85	36.81	23.85	23.76	51.66	89.25	89.15	192.23
2053-04-10	1.10	1.08	7.85	0.53	0.51	3.64	0.11	0.09	0.53	0.61	0.61	4.53	0.49	0.49	3.61	0.14	0.15	1.09	16.73	16.64	36.41	23.64	23.54	51.25	89.03	88.93	191.82
2053-04-11	1.12	1.12	8.77	0.54	0.53	4.10	0.11	0.10	0.65	0.63	0.63	5.03	0.50	0.51	4.01	0.15	0.16	1.21	16.54	16.46	36.30	23.45	23.36	51.15	88.84	88.75	191.72
2053-04-12	0.82	0.82	8.87	0.39	0.39	4.15	0.08	0.08	0.67	0.46	0.46	5.06	0.37	0.36	4.03	0.11	0.11	1.21	16.30	16.23	35.86	23.21	23.14	50.70	88.60	88.53	191.28
2053-04-13	0.96	0.93	10.21	0.46	0.43	4.78	0.09	0.06	0.77	0.53	0.53	5.83	0.43	0.42	4.65	0.13	0.13	1.39	16.10	16.03	36.55	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-14	1.28	1.25	12.23	0.61	0.58	5.80	0.12	0.09	1.06	0.71	0.72	6.90	0.57	0.57	5.50	0.17	0.17	1.65	15.93	15.86	36.53	22.84	22.77	51.37	88.23	88.16	191.95
2053-04-15	1.08	1.07	11.93	0.52	0.51	5.59	0.10	0.10	0.91	0.60	0.60	6.77	0.48	0.48	5.39	0.14	0.14	1.59	16.75	16.69	36.34	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-16	0.93	0.91	10.62	0.44	0.43	4.79	0.09	0.08	0.47	0.52	0.52	6.25	0.41	0.41	4.98	0.12	0.12	1.48	16.62	16.56	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-17	0.92	0.90	10.11	0.44	0.42	4.74	0.09	0.07	0.77	0.51	0.51	5.75	0.41	0.41	4.58	0.12	0.12	1.36	16.50	16.44	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-18	0.91	0.90	8.63	0.44	0.43	3.67	0.09	0.08	0.00	0.51	0.51	5.31	0.40	0.41	4.23	0.12	0.12	1.25	16.40	16.34	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-19	1.03	1.01	8.96	0.49	0.48	4.08	0.10	0.08	0.48	0.57	0.58	5.21	0.46	0.46	4.15	0.14	0.14	1.23	16.52	16.45	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-20	1.43	1.40	9.14	0.69	0.65	4.17	0.14	0.10	0.49	0.80	0.81	5.32	0.64	0.64	4.24	0.19	0.20	1.26	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-21	1.25	1.24	8.59	0.60	0.59	3.95	0.12	0.11	0.53	0.70	0.70	4.96	0.56	0.56	3.95	0.16	0.17	1.17	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-22	1.11	1.09	7.66	0.53	0.51	3.52	0.11	0.09	0.46	0.62	0.62	4.43	0.49	0.49	3.53	0.15	0.15	1.05	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-23	1.23	1.21	7.15	0.59	0.57	3.27	0.12	0.10	0.42	0.69	0.69	4.14	0.55	0.55	3.30	0.16	0.17	0.98	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-24	1.69	1.64	6.82	0.81	0.76	3.12	0.16	0.12	0.39	0.94	0.95	3.96	0.75	0.76	3.15	0.22	0.23	0.94	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-25	2.21	2.15	6.55	1.06	1.00	3.00	0.21	0.15	0.38	1.23	1.25	3.80	0.98	1.00	3.03	0.29	0.31	0.90	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-26	2.82	2.73	6.29	1.35	1.27	2.88	0.27	0.18	0.36	1.57	1.59	3.65	1.25	1.27	2.91	0.37	0.39	0.86	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-27	3.52	3.41	6.12	1.69	1.58	2.80	0.34	0.23	0.35	1.96	1.98	3.55	1.56	1.58	2.83	0.46	0.49	0.84	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-28	4.35	4.20	7.36	2.09	1.94	3.32	0.42	0.27	0.34	2.43	2.44	4.32	1.93	1.95	3.44	0.57	0.59	1.02	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-29	5.24	5.11	8.69	2.51	2.39	4.09	0.50	0.38	0.69	2.92	2.92	4.92	2.33	2.33	3.92	0.69	0.69	1.17	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-04-30	5.09	4.92	6.88	2.44	2.28	3.18	0.49	0.32	0.46	2.84	2.84	3.95	2.26	2.27	3.15	0.67	0.68	0.94	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-01	6.10	5.87	5.80	2.93	2.70	2.68	0.58	0.35	0.37	3.40	3.42	3.35	2.71	2.72	2.66	0.80	0.82	0.79	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-02	7.62	7.38	4.87	3.66	3.41	2.25	0.73	0.49	0.32	4.25	4.26	2.80	3.39	3.40	2.23	1.00	1.02	0.66	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-03	8.80	8.52	4.20	4.23	3.94	1.94	0.84	0.56	0.27	4.91	4.92	2.41	3.91	3.92	1.92	1.16	1.18	0.57	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-04	9.82	9.50	3.69	4.71	4.39	1.70	0.94	0.62	0.24	5.48	5.49	2.12	4.36	4.37	1.69	1.29	1.31	0.50	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-05	10.46	10.13	3.27	5.02	4.69	1.51	1.00	0.67	0.21	5.84	5.84	1.88	4.65	4.66	1.49	1.38	1.40	0.44	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-06	12.09	11.83	3.14	5.80	5.55	1.44	1.16	0.90	0.19	6.74	6.75	1.81	5.37	5.38	1.44	1.59	1.61	0.42	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-07	13.68	13.65	3.03	6.57	6.53	1.40	1.31	1.27	0.19	7.63	7.64	1.75	6.08	6.09	1.39	1.80	1.82	0.41	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-08	13.11	12.71	3.10	6.29	5.89	1.42	1.26	0.85	0.18	7.32	7.26	1.80	5.82	5.77	1.43	1.73	1.68	0.42	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-09	12.30	11.85	3.17	5.91	5.45	1.45	1.18	0.73	0.19	6.86	6.85	1.83	5.46	5.45	1.46	1.62	1.62	0.43	16.30	16.23	36.56	23.01	22.94	51.40	88.40	88.33	191.97
2053-05-10	10.78	10.50	2.87	5.17	4.89	1.33	1.03	0.75	0.19	6.01	6.00	1.65	4.79	4.78	1.31	1.42	1.42	0.38	16.30	16.23	36.56	23.01	22.94	51.40	88.4		

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2053-06-08	1.56	1.52	0.96	0.75	0.71	0.45	0.15	0.11	0.07	0.87	0.86	0.54	0.69	0.69	0.43	0.21	0.20	0.12	112.00	111.92	80.63	145.07	144.99	104.29	726.03	725.95	519.85
2053-06-09	1.51	1.47	0.94	0.72	0.68	0.44	0.14	0.10	0.07	0.84	0.83	0.53	0.67	0.66	0.42	0.20	0.19	0.12	111.83	111.76	80.50	144.90	144.83	104.16	725.86	725.79	519.72
2053-06-10	1.46	1.42	0.93	0.70	0.66	0.44	0.14	0.10	0.07	0.82	0.81	0.52	0.65	0.64	0.42	0.19	0.19	0.12	111.68	111.62	80.39	144.76	144.69	104.04	725.72	725.65	519.60
2053-06-11	1.41	1.37	0.92	0.68	0.64	0.43	0.14	0.10	0.07	0.79	0.78	0.52	0.63	0.62	0.41	0.19	0.18	0.12	111.57	111.51	80.28	144.65	144.58	103.94	725.60	725.54	519.50
2053-06-12	1.38	1.34	0.91	0.66	0.62	0.43	0.13	0.09	0.07	0.77	0.76	0.51	0.61	0.61	0.41	0.18	0.18	0.12	111.47	111.41	80.19	144.55	144.48	103.85	725.50	725.44	519.41
2053-06-13	1.36	1.32	0.90	0.65	0.62	0.42	0.13	0.09	0.07	0.76	0.75	0.51	0.60	0.60	0.40	0.18	0.17	0.11	111.38	111.32	80.11	144.45	144.39	103.77	725.41	725.35	519.33
2053-06-14	1.32	1.29	0.89	0.64	0.60	0.42	0.13	0.09	0.07	0.74	0.73	0.50	0.59	0.58	0.40	0.17	0.17	0.11	111.30	111.24	80.04	144.37	144.32	103.70	725.33	725.27	519.25
2053-06-15	1.29	1.26	0.88	0.62	0.59	0.41	0.12	0.09	0.07	0.72	0.71	0.50	0.57	0.57	0.39	0.17	0.16	0.11	140.17	140.11	100.68	173.62	173.57	124.61	950.63	950.58	680.41
2053-06-16	1.25	1.22	0.87	0.60	0.57	0.41	0.12	0.09	0.07	0.70	0.69	0.49	0.56	0.55	0.39	0.17	0.16	0.11	140.09	140.04	100.62	173.54	173.49	124.55	950.55	950.50	680.34
2053-06-17	1.22	1.19	0.86	0.59	0.55	0.40	0.12	0.08	0.06	0.68	0.67	0.48	0.54	0.53	0.38	0.16	0.15	0.11	140.02	139.97	100.56	173.47	173.42	124.49	950.48	950.43	680.29
2053-06-18	1.19	1.16	0.86	0.57	0.54	0.40	0.11	0.08	0.07	0.66	0.66	0.48	0.53	0.52	0.38	0.16	0.15	0.11	139.95	139.91	100.51	173.41	173.36	124.44	950.42	950.37	680.24
2053-06-19	1.16	1.13	0.85	0.56	0.53	0.40	0.11	0.08	0.06	0.65	0.64	0.48	0.52	0.51	0.38	0.15	0.15	0.11	162.62	161.13	113.02	196.07	194.59	136.95	973.08	971.60	692.74
2053-06-20	1.38	1.32	0.99	0.66	0.61	0.46	0.13	0.08	0.06	0.77	0.76	0.56	0.61	0.60	0.45	0.18	0.17	0.13	218.39	216.22	143.61	251.84	249.67	167.54	1028.85	1026.68	723.34
2053-06-21	2.01	1.91	1.27	0.96	0.87	0.58	0.19	0.10	0.08	1.12	1.11	0.72	0.89	0.88	0.58	0.26	0.26	0.17	173.87	173.64	122.26	207.33	207.09	146.19	984.34	984.10	701.99
2053-06-22	1.51	1.48	0.96	0.72	0.70	0.46	0.14	0.12	0.09	0.84	0.83	0.53	0.67	0.66	0.42	0.20	0.19	0.12	160.37	160.94	115.90	193.82	194.39	139.83	970.83	971.40	695.62
2053-06-23	1.50	1.46	0.93	0.72	0.68	0.44	0.14	0.10	0.07	0.84	0.83	0.52	0.67	0.66	0.41	0.20	0.19	0.12	153.89	153.18	110.51	187.34	186.64	134.44	964.35	963.65	690.23
2053-06-24	1.44	1.40	0.91	0.69	0.65	0.43	0.14	0.10	0.07	0.80	0.80	0.51	0.64	0.63	0.41	0.19	0.18	0.12	151.72	151.18	108.87	185.18	184.64	132.80	962.19	961.65	688.59
2053-06-25	1.39	1.35	0.90	0.67	0.63	0.42	0.13	0.09	0.07	0.78	0.77	0.51	0.62	0.61	0.40	0.18	0.18	0.11	150.12	149.98	107.78	183.57	183.43	131.71	960.58	960.44	687.50
2053-06-26	1.34	1.31	0.90	0.65	0.61	0.42	0.13	0.09	0.07	0.75	0.74	0.50	0.60	0.59	0.40	0.18	0.17	0.11	147.74	147.50	106.24	181.19	180.96	130.17	958.20	957.97	685.96
2053-06-27	1.42	1.38	0.91	0.68	0.64	0.42	0.14	0.09	0.07	0.79	0.79	0.51	0.63	0.62	0.40	0.19	0.18	0.12	146.09	145.89	105.17	179.55	179.35	129.10	956.56	956.36	684.90
2053-06-28	1.54	1.49	0.94	0.74	0.69	0.44	0.15	0.10	0.07	0.86	0.85	0.53	0.68	0.68	0.42	0.20	0.20	0.12	144.90	144.73	104.36	178.36	178.18	128.29	955.37	955.19	684.08
2053-06-29	1.50	1.46	0.91	0.72	0.68	0.43	0.14	0.10	0.07	0.84	0.83	0.51	0.67	0.66	0.40	0.20	0.19	0.11	144.01	143.85	103.73	177.46	177.30	127.66	954.47	954.31	683.45
2053-06-30	2.09	2.00	1.10	1.01	0.91	0.51	0.20	0.10	0.07	1.17	1.16	0.63	0.93	0.92	0.50	0.28	0.27	0.14	143.31	143.17	103.22	176.76	176.62	127.15	953.77	953.63	682.94
2053-07-01	2.80	2.67	1.49	1.34	1.22	0.68	0.27	0.14	0.09	1.56	1.55	0.86	1.24	1.24	0.68	0.37	0.36	0.20	142.76	142.63	133.89	176.21	176.08	165.37	953.22	953.09	896.30
2053-07-02	2.24	2.19	1.13	1.07	1.02	0.54	0.21	0.16	0.10	1.25	1.24	0.62	0.99	0.99	0.50	0.29	0.29	0.14	142.31	142.19	133.55	175.76	175.65	165.03	952.77	952.65	895.96
2053-07-03	2.22	2.15	1.13	1.07	0.99	0.53	0.21	0.14	0.08	1.24	1.23	0.64	0.99	0.98	0.51	0.29	0.29	0.15	141.94	141.83	133.27	175.39	175.28	164.74	952.40	952.29	895.67
2053-07-04	2.08	2.01	1.10	1.00	0.93	0.51	0.20	0.13	0.08	1.16	1.15	0.62	0.92	0.91	0.49	0.27	0.27	0.14	141.63	141.53	133.02	175.08	174.98	164.50	952.09	951.99	895.43
2053-07-05	1.97	1.90	1.08	0.94	0.88	0.50	0.19	0.12	0.07	1.10	1.09	0.61	0.87	0.87	0.48	0.26	0.25	0.14	141.49	141.39	132.88	174.94	174.84	164.35	951.95	951.85	895.29
2053-07-06	1.87	1.81	1.06	0.90	0.84	0.49	0.18	0.12	0.08	1.04	1.03	0.60	0.83	0.82	0.47	0.25	0.24	0.14	141.36	141.27	132.76	174.81	174.72	164.23	951.82	951.73	895.16
2053-07-07	1.77	1.72	1.04	0.85	0.79	0.48	0.17	0.11	0.07	0.99	0.98	0.59	0.79	0.78	0.46	0.23	0.23	0.13	141.13	141.05	132.59	174.59	174.51	164.06	951.60	951.51	894.99
2053-07-08	1.68	1.63	1.02	0.81	0.76	0.47	0.16	0.11	0.07	0.94	0.93	0.57	0.75	0.74	0.46	0.22	0.22	0.13	142.32	142.15	133.72	175.77	175.61	165.19	952.78	952.61	896.12
2053-07-09	1.71	1.65	1.04	0.82	0.76	0.49	0.16	0.10	0.07	0.96	0.95	0.59	0.76	0.75	0.47	0.23	0.22	0.13	144.94	144.70	136.25	178.39	178.15	167.72	955.40	955.16	898.65
2053-07-10	1.73	1.68	1.11	0.83	0.78	0.52	0.17	0.11	0.08	0.97	0.96	0.62	0.77	0.76	0.50	0.23	0.22	0.14	142.84	142.76	134.27	176.30	176.21	165.75	953.30	953.22	896.68
2053-07-11	1.65	1.60	1.05	0.79	0.74	0.49	0.16	0.11	0.08	0.92	0.91	0.59	0.73	0.72	0.47	0.22	0.21	0.13	142.38	142.26	133.82	175.83	175.71	165.30	952.84	952.72	896.23
2053-07-12	1.58	1.53	1.03	0.76	0.71	0.48	0.15	0.10	0.07	0.88	0.87	0.58	0.70	0.69	0.46	0.21	0.20	0.13	141.99	141.89	133.50	175.45	175.34	164.97	952.46	952.35	895.90
2053-07-13	1.51	1.47	1.01	0.73	0.68	0.47	0.14	0.10	0.07	0.84	0.83	0.57	0.67	0.66	0.45	0.20	0.19	0.13	141.68	141.58	133.22	175.13	175.03	164.69	952.14	952.04	895.62
2053-07-14	1.45	1.41	1.00	0.70	0.65	0.46	0.14	0.10	0.07	0.81	0.80	0.56	0.65	0.64	0.45	0.19	0.18	0.13	141.41	141.32	132.99	174.86	174.77	164.46	951.87	951.78	895.39
2053-07-15	1.40	1.36	0.98	0.67	0.63	0.46	0.13	0.09	0.07	0.78	0.77	0.55	0.62	0.61	0.44	0.18	0.18	0.13	56.07	55.98	52.72	74.87	74.78	70.41	450.96	450.88	424.20
2053-07-16	1.35	1.32	0.97	0.65	0.61	0.45	0.13	0.09	0.07	0.76	0.75	0.54	0.60	0.59	0.43	0.18	0.17	0.12	55.87	55.79	52.54	74.67	74.59	70.23	450.77	450.69	424.02
2053-07-17	1.31	1.27	0.95	0.63	0.59	0.44	0.13	0.09	0.07	0.73	0.72	0.54	0.58	0.57	0.43	0.17	0.17	0.12	55.70	55.62	52.39	74.50	74.42	70.08	450.59	450.52	423.87
2053-07-18	1.27	1.24	0.94	0.61	0.58	0.44	0.12	0.09	0.07	0.71	0.70	0.53	0.57	0.56	0.42	0.17	0.16	0.12	55.55	55.48	52.26	74.35	74.28	69.94	450.45	450.38	423.74
2053-07-19	1.24	1.20	0.93	0.59	0.56	0.43	0.12	0.08	0.07	0.69	0.68	0.52	0.55	0.54	0.41	0.16	0.16	0.12	55.45	55.39	52.15	74.26	74.19	69.84			

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2053-08-18	0.83	0.81	0.78	0.40	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.37	0.36	0.35	0.11	0.10	0.10	28.40	28.35	24.10	38.89	38.83	32.96	214.98	214.93	181.89
2053-08-19	0.82	0.81	0.78	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	28.32	28.26	24.03	38.80	38.74	32.90	214.90	214.84	181.82
2053-08-20	0.82	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.46	0.45	0.44	0.36	0.36	0.35	0.11	0.10	0.10	28.24	28.18	23.97	38.72	38.66	32.84	214.82	214.76	181.76
2053-08-21	0.81	0.80	0.79	0.39	0.38	0.37	0.08	0.06	0.06	0.45	0.45	0.44	0.36	0.35	0.35	0.11	0.10	0.10	28.16	28.11	23.92	38.65	38.60	32.79	214.74	214.69	181.71
2053-08-22	0.81	0.79	0.79	0.39	0.37	0.37	0.08	0.06	0.06	0.45	0.44	0.44	0.36	0.35	0.35	0.11	0.10	0.10	28.10	28.05	23.87	38.58	38.53	32.74	214.68	214.63	181.66
2053-08-23	0.96	0.93	0.89	0.46	0.43	0.41	0.09	0.06	0.06	0.54	0.53	0.50	0.43	0.42	0.40	0.13	0.12	0.11	28.04	27.99	23.83	38.52	38.47	32.69	214.62	214.57	181.62
2053-08-24	1.17	1.14	1.02	0.56	0.53	0.47	0.11	0.08	0.07	0.65	0.65	0.57	0.52	0.51	0.46	0.15	0.15	0.13	28.11	28.06	23.85	38.59	38.54	32.72	214.69	214.64	181.64
2053-08-25	1.18	1.15	1.04	0.57	0.53	0.49	0.11	0.08	0.07	0.66	0.65	0.59	0.52	0.52	0.47	0.16	0.15	0.13	28.87	28.78	24.24	39.36	39.26	33.11	215.45	215.36	182.03
2053-08-26	1.57	1.51	1.31	0.75	0.69	0.60	0.15	0.09	0.08	0.88	0.87	0.75	0.70	0.69	0.60	0.21	0.20	0.17	29.14	29.06	24.48	39.63	39.54	33.34	215.72	215.64	182.27
2053-08-27	1.03	1.03	0.90	0.49	0.50	0.43	0.10	0.10	0.09	0.57	0.57	0.49	0.46	0.45	0.39	0.14	0.13	0.11	28.58	28.53	24.13	39.07	39.02	33.00	215.16	215.11	181.92
2053-08-28	1.02	1.00	0.87	0.49	0.47	0.41	0.10	0.07	0.07	0.57	0.56	0.49	0.46	0.45	0.39	0.13	0.13	0.11	28.47	28.41	24.06	38.96	38.90	32.92	215.05	214.99	181.85
2053-08-29	1.02	1.00	0.86	0.49	0.47	0.41	0.10	0.08	0.07	0.57	0.56	0.48	0.45	0.45	0.38	0.13	0.13	0.11	28.38	28.32	24.00	38.86	38.80	32.86	214.96	214.90	181.79
2053-08-30	1.00	0.98	0.85	0.48	0.46	0.40	0.10	0.07	0.07	0.56	0.55	0.48	0.45	0.44	0.38	0.13	0.13	0.11	28.29	28.24	23.94	38.78	38.72	32.81	214.87	214.82	181.73
2053-08-31	0.99	0.97	0.85	0.47	0.45	0.40	0.09	0.07	0.07	0.55	0.54	0.47	0.44	0.43	0.38	0.13	0.12	0.11	28.22	28.16	23.89	38.70	38.65	32.76	214.80	214.74	181.68
2053-09-01	0.97	0.95	0.84	0.47	0.45	0.39	0.09	0.07	0.06	0.54	0.54	0.47	0.43	0.43	0.37	0.13	0.12	0.11	28.14	28.09	30.51	38.63	38.58	42.05	214.73	214.67	235.99
2053-09-02	0.96	0.94	0.84	0.46	0.44	0.39	0.09	0.07	0.07	0.54	0.53	0.47	0.43	0.42	0.37	0.13	0.12	0.11	28.08	28.03	30.46	38.56	38.52	42.01	214.66	214.61	235.95
2053-09-03	0.95	0.93	0.83	0.46	0.44	0.39	0.09	0.07	0.07	0.53	0.52	0.46	0.42	0.41	0.37	0.13	0.12	0.10	28.02	27.98	30.43	38.51	38.46	41.97	214.60	214.56	235.91
2053-09-04	0.94	0.92	0.82	0.45	0.43	0.39	0.09	0.07	0.07	0.52	0.52	0.46	0.42	0.41	0.37	0.12	0.12	0.10	27.97	27.92	30.39	38.45	38.41	41.94	214.55	214.51	235.87
2053-09-05	0.93	0.91	0.82	0.44	0.43	0.39	0.09	0.07	0.06	0.52	0.51	0.46	0.41	0.40	0.36	0.12	0.12	0.10	27.92	27.88	30.36	38.40	38.36	41.90	214.50	214.46	235.84
2053-09-06	0.92	0.90	0.81	0.44	0.42	0.38	0.09	0.07	0.06	0.51	0.50	0.45	0.41	0.40	0.36	0.12	0.11	0.10	28.01	27.96	30.45	38.49	38.44	42.00	214.59	214.54	235.93
2053-09-07	0.91	0.89	0.81	0.44	0.42	0.38	0.09	0.07	0.06	0.51	0.50	0.45	0.40	0.40	0.36	0.12	0.11	0.10	30.90	30.67	33.58	41.39	41.16	45.13	217.48	217.25	239.06
2053-09-08	0.90	0.88	0.80	0.43	0.41	0.38	0.09	0.07	0.06	0.50	0.49	0.45	0.40	0.39	0.36	0.12	0.11	0.10	34.49	34.25	37.69	44.97	44.73	49.24	221.07	220.83	243.17
2053-09-09	0.90	0.88	0.83	0.43	0.42	0.39	0.09	0.07	0.07	0.50	0.50	0.46	0.40	0.39	0.37	0.12	0.11	0.11	31.19	31.15	34.08	41.67	41.63	45.62	217.77	217.73	239.56
2053-09-10	0.91	0.89	0.89	0.43	0.42	0.42	0.09	0.07	0.07	0.51	0.50	0.50	0.40	0.40	0.40	0.12	0.11	0.11	30.68	30.56	33.42	41.17	41.05	44.97	217.27	217.14	238.91
2053-09-11	0.90	0.88	0.82	0.43	0.41	0.39	0.09	0.07	0.07	0.50	0.49	0.45	0.40	0.39	0.36	0.12	0.11	0.10	30.27	30.16	32.98	40.76	40.65	44.53	216.85	216.74	238.46
2053-09-12	1.54	1.46	1.51	0.74	0.66	0.68	0.15	0.07	0.06	0.86	0.85	0.88	0.68	0.67	0.70	0.20	0.20	0.20	29.93	29.83	32.62	40.41	40.31	44.17	216.51	216.41	238.10
2053-09-13	2.57	2.44	2.62	1.23	1.10	1.18	0.25	0.12	0.13	1.43	1.42	1.53	1.14	1.13	1.22	0.34	0.33	0.36	29.64	29.55	32.32	40.13	40.03	43.86	216.22	216.13	237.80
2053-09-14	1.38	1.40	1.39	0.66	0.68	0.68	0.13	0.15	0.16	0.77	0.76	0.75	0.61	0.61	0.60	0.18	0.18	0.17	29.40	29.31	32.06	39.88	39.80	43.61	215.98	215.89	237.54
2053-09-15	1.65	1.59	1.65	0.79	0.73	0.75	0.16	0.09	0.09	0.92	0.91	0.95	0.73	0.73	0.76	0.22	0.21	0.22	20.00	19.92	21.72	29.00	28.92	31.63	156.23	156.15	171.75
2053-09-16	2.44	2.32	2.48	1.17	1.05	1.12	0.23	0.12	0.12	1.36	1.35	1.45	1.08	1.08	1.15	0.32	0.32	0.34	19.82	19.75	21.54	28.82	28.75	31.45	156.05	155.98	171.57
2053-09-17	1.79	1.76	1.81	0.86	0.83	0.86	0.17	0.14	0.15	1.00	0.99	1.02	0.80	0.79	0.81	0.24	0.23	0.24	20.24	20.13	22.00	29.23	29.13	31.91	156.46	156.36	172.03
2053-09-18	1.70	1.65	1.69	0.82	0.77	0.78	0.16	0.11	0.11	0.95	0.94	0.96	0.76	0.75	0.77	0.22	0.22	0.22	22.49	22.26	24.58	31.49	31.26	34.49	158.72	158.49	174.61
2053-09-19	1.65	1.60	1.65	0.79	0.74	0.76	0.16	0.11	0.11	0.92	0.91	0.94	0.73	0.72	0.75	0.22	0.21	0.22	22.34	22.19	24.55	31.34	31.19	34.46	158.57	158.42	174.58
2053-09-20	1.80	1.73	1.85	0.86	0.80	0.85	0.17	0.11	0.11	1.00	0.99	1.06	0.80	0.79	0.85	0.24	0.23	0.25	21.43	21.32	23.46	30.43	30.32	33.37	157.66	157.55	173.49
2053-09-21	2.05	1.97	2.21	0.98	0.91	1.01	0.20	0.12	0.13	1.14	1.13	1.28	0.91	0.90	1.02	0.27	0.26	0.30	21.03	20.92	22.98	30.03	29.92	32.89	157.26	157.15	173.01
2053-09-22	1.87	1.82	1.97	0.90	0.85	0.92	0.18	0.13	0.14	1.05	1.04	1.12	0.83	0.83	0.89	0.25	0.24	0.26	21.10	20.97	23.05	30.09	29.97	32.96	157.32	157.20	173.08
2053-09-23	1.78	1.72	1.85	0.85	0.80	0.86	0.17	0.12	0.12	0.99	0.98	1.06	0.79	0.78	0.84	0.23	0.23	0.25	21.57	21.43	23.62	30.57	30.43	33.53	157.80	157.66	173.65
2053-09-24	1.69	1.64	1.75	0.81	0.76	0.81	0.16	0.11	0.12	0.94	0.93	1.00	0.75	0.74	0.80	0.22	0.22	0.23	22.81	22.60	25.13	31.81	31.60	35.04	159.04	158.83	175.16
2053-09-25	1.64	1.59	1.71	0.79	0.74	0.79	0.16	0.11	0.11	0.91	0.91	0.97	0.73	0.72	0.77	0.22	0.21	0.23	23.61	23.39	26.09	32.61	32.39	36.00	159.84	159.62	176.12
2053-09-26	1.65	1.60	1.72	0.79	0.74	0.80	0.16	0.11	0.11	0.92	0.91	0.99	0.73	0.73	0.78	0.22	0.21	0.23	22.70	22.55	25.00	31.70	31.55	34.91	158.93	158.78	175.03
2053-09-27	1.63	1.58	1.70	0.78	0.73	0.79	0.16	0.11	0.11	0.91	0.90	0.97	0.72	0.72	0.77	0.21	0.21	0.23	22.05	21.92	24.20	31.05	30.92	34.11	158.28	158.15	174.23
2053-09-28	1.56	1.51	1.62	0.75	0.70	0.75	0.15	0.10	0.11	0.87	0.86	0.92	0.69	0.68	0.73	0.21	0.20	0.21	25.37	25.00	28.09	34.37	34.00	38.00	161.60	161.23	178.12
2053-09-29	1.50	1.45	1.55	0.72	0.67	0.72	0.14	0.10	0.11	0.83	0.83	0.88	0.66	0.66	0.70	0.20	0.19	0.20									

Table 10-C.5: Projected Mean Daily Discharge (m³/s) at Flow Nodes in the Local and Regional Study Areas

Legend:	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change

Date	Alexander Creek upstream of Highway 3 (AC-1)			Alexander Creek downstream of West Alexander Creek (AC-3)			West Alexander Creek downstream of Sediment Pond (AC-6)			Grave Creek upstream of Elk River (GC-1)			Grave Creek downstream of Harmer Creek (GC-2)			Grave Creek downstream of Withdrawal Site (GC-5)			Elk River downstream of Michel Creek (EV_ER1)			Elk River at Elko Reservoir (RG_ELKORES)			Lake Koocanusa downstream of Elk River (RG_DSELK)		
	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2	A.1	B.1	B.2
2053-10-28	1.75	1.69	2.67	0.84	0.79	1.23	0.17	0.11	0.17	0.97	0.97	1.54	0.78	0.77	1.22	0.23	0.22	0.36	18.82	18.77	21.13	26.83	26.78	30.14	135.89	135.84	152.64
2053-10-29	1.69	1.53	2.55	0.81	0.65	1.17	0.16	0.00	0.16	0.95	0.94	1.46	0.75	0.74	1.16	0.22	0.22	0.34	18.76	18.70	21.03	26.77	26.71	30.04	135.83	135.77	152.54
2053-10-30	1.65	1.52	2.46	0.79	0.66	1.13	0.16	0.03	0.15	0.92	0.91	1.41	0.73	0.73	1.13	0.22	0.21	0.33	18.71	18.65	20.96	26.72	26.66	29.96	135.78	135.72	152.47
2053-10-31	1.68	1.63	2.57	0.81	0.75	1.18	0.16	0.10	0.15	0.94	0.93	1.48	0.75	0.74	1.18	0.22	0.22	0.35	18.66	18.60	20.90	26.67	26.62	29.91	135.73	135.68	152.41
2053-11-01	2.15	2.06	3.21	1.03	0.94	1.46	0.21	0.11	0.16	1.20	1.19	1.87	0.96	0.95	1.49	0.28	0.28	0.44	18.61	18.59	20.12	26.63	26.60	28.75	135.69	135.66	146.20
2053-11-02	2.58	2.33	3.53	1.24	0.99	1.61	0.25	0.00	0.20	1.44	1.44	2.05	1.15	1.14	1.64	0.34	0.34	0.49	18.57	18.53	20.02	26.59	26.55	28.65	135.65	135.61	146.11
2053-11-03	2.19	1.98	3.21	1.05	0.84	1.48	0.21	0.00	0.21	1.22	1.22	1.85	0.97	0.97	1.47	0.29	0.29	0.44	18.54	18.50	19.97	26.55	26.51	28.60	135.61	135.57	146.06
2053-11-04	2.09	1.89	2.78	1.00	0.80	1.18	0.20	0.00	0.00	1.17	1.16	1.71	0.93	0.93	1.36	0.28	0.27	0.40	18.50	18.45	19.91	26.51	26.46	28.54	135.57	135.52	146.00
2053-11-05	1.98	1.91	2.55	0.95	0.88	1.08	0.19	0.12	0.00	1.10	1.10	1.57	0.88	0.87	1.25	0.26	0.26	0.37	18.47	18.42	19.87	26.48	26.43	28.50	135.54	135.49	145.96
2053-11-06	1.87	1.80	2.33	0.90	0.83	0.99	0.18	0.11	0.00	1.04	1.03	1.43	0.83	0.82	1.14	0.25	0.24	0.33	18.44	18.39	19.82	26.45	26.40	28.45	135.51	135.46	145.91
2053-11-07	1.77	1.69	2.15	0.85	0.78	0.92	0.17	0.10	0.00	0.99	0.98	1.32	0.79	0.78	1.05	0.23	0.23	0.31	18.41	18.37	19.80	26.42	26.39	28.43	135.48	135.45	145.89
2053-11-08	1.68	1.61	2.00	0.81	0.74	0.85	0.16	0.09	0.00	0.94	0.93	1.22	0.75	0.74	0.97	0.22	0.21	0.28	18.38	18.34	19.76	26.40	26.36	28.39	135.46	135.42	145.85
2053-11-09	1.61	1.54	1.87	0.77	0.71	0.79	0.15	0.09	0.00	0.90	0.89	1.15	0.71	0.71	0.91	0.21	0.21	0.27	18.36	18.33	19.74	26.37	26.34	28.37	135.43	135.40	145.82
2053-11-10	1.54	1.48	1.76	0.74	0.68	0.75	0.15	0.09	0.00	0.86	0.85	1.08	0.68	0.68	0.86	0.20	0.20	0.25	18.34	18.30	19.70	26.35	26.31	28.33	135.41	135.37	145.79
2053-11-11	1.48	1.43	1.71	0.71	0.66	0.75	0.14	0.09	0.05	0.82	0.82	1.02	0.66	0.65	0.81	0.19	0.19	0.24	18.31	18.28	19.67	26.33	26.29	28.30	135.39	135.35	145.76
2053-11-12	1.42	1.37	1.68	0.68	0.63	0.77	0.14	0.08	0.10	0.79	0.79	0.96	0.63	0.63	0.77	0.19	0.18	0.22	18.29	18.26	19.65	26.31	26.27	28.28	135.37	135.33	145.74
2053-11-13	1.37	1.33	1.60	0.66	0.62	0.74	0.13	0.09	0.10	0.77	0.76	0.92	0.61	0.61	0.73	0.18	0.18	0.22	18.29	18.26	19.66	26.31	26.28	28.29	135.37	135.34	145.75
2053-11-14	1.35	1.31	1.57	0.65	0.61	0.73	0.13	0.09	0.10	0.75	0.75	0.90	0.60	0.60	0.72	0.18	0.18	0.21	18.30	18.29	19.71	26.31	26.31	28.34	135.37	135.37	145.80
2053-11-15	1.32	1.29	1.55	0.64	0.60	0.72	0.13	0.09	0.10	0.74	0.74	0.89	0.59	0.59	0.71	0.17	0.17	0.21	17.88	17.86	19.25	26.20	26.18	28.21	116.98	116.97	125.99
2053-11-16	1.28	1.24	1.48	0.62	0.57	0.68	0.12	0.08	0.09	0.72	0.71	0.85	0.57	0.57	0.67	0.17	0.17	0.20	17.86	17.83	19.20	26.18	26.15	28.16	116.96	116.93	125.94
2053-11-17	1.25	1.20	1.41	0.60	0.55	0.65	0.12	0.07	0.08	0.70	0.69	0.81	0.55	0.55	0.64	0.16	0.16	0.19	17.84	17.81	19.17	26.16	26.13	28.13	116.95	116.91	125.91
2053-11-18	1.21	1.17	1.36	0.58	0.54	0.63	0.12	0.07	0.08	0.68	0.67	0.78	0.54	0.53	0.62	0.16	0.15	0.18	17.82	17.79	19.16	26.14	26.11	28.12	116.93	116.89	125.89
2053-11-19	1.18	1.14	1.32	0.57	0.53	0.61	0.11	0.07	0.08	0.66	0.65	0.76	0.53	0.52	0.60	0.16	0.15	0.18	17.81	17.78	19.15	26.13	26.10	28.11	116.91	116.89	125.89
2053-11-20	1.16	1.12	1.28	0.56	0.51	0.59	0.11	0.07	0.08	0.65	0.64	0.73	0.51	0.51	0.58	0.15	0.15	0.17	17.79	17.76	19.12	26.11	26.08	28.08	116.90	116.87	125.86
2053-11-21	1.14	1.10	1.25	0.55	0.51	0.58	0.11	0.07	0.08	0.63	0.63	0.72	0.50	0.50	0.57	0.15	0.15	0.17	17.78	17.73	19.09	26.10	26.05	28.05	116.89	116.84	125.83
2053-11-22	1.12	1.09	1.24	0.54	0.51	0.58	0.11	0.08	0.09	0.62	0.62	0.71	0.50	0.49	0.56	0.15	0.14	0.17	17.77	17.72	19.07	26.09	26.04	28.03	116.87	116.82	125.80
2053-11-23	1.09	1.06	1.21	0.52	0.50	0.56	0.10	0.08	0.08	0.61	0.61	0.69	0.49	0.48	0.55	0.14	0.14	0.16	17.76	17.71	19.06	26.08	26.03	28.02	116.86	116.82	125.79
2053-11-24	1.07	1.04	1.17	0.51	0.48	0.54	0.10	0.07	0.08	0.60	0.59	0.67	0.48	0.47	0.53	0.14	0.14	0.16	17.74	17.70	19.04	26.06	26.02	28.00	116.85	116.81	125.78
2053-11-25	1.05	1.02	1.14	0.51	0.47	0.53	0.10	0.07	0.08	0.59	0.58	0.65	0.47	0.46	0.52	0.14	0.14	0.15	17.73	17.70	19.03	26.05	26.02	27.99	116.84	116.80	125.77
2053-11-26	1.03	1.01	1.12	0.50	0.47	0.52	0.10	0.07	0.08	0.58	0.57	0.64	0.46	0.46	0.51	0.14	0.13	0.15	17.72	17.69	19.02	26.04	26.01	27.98	116.83	116.79	125.76
2053-11-27	1.02	1.00	1.10	0.49	0.47	0.52	0.10	0.07	0.08	0.57	0.57	0.63	0.45	0.45	0.50	0.13	0.13	0.15	17.71	17.68	19.01	26.03	26.00	27.97	116.82	116.79	125.75
2053-11-28	1.00	0.99	1.09	0.48	0.46	0.52	0.10	0.08	0.09	0.56	0.56	0.62	0.45	0.45	0.50	0.13	0.13	0.15	17.70	17.67	19.00	26.02	25.99	27.96	116.81	116.78	125.73
2053-11-29	0.99	0.96	1.06	0.48	0.45	0.49	0.09	0.07	0.08	0.55	0.55	0.61	0.44	0.44	0.48	0.13	0.13	0.14	17.69	17.66	18.98	26.01	25.98	27.94	116.80	116.76	125.72
2053-11-30	0.98	0.95	1.04	0.47	0.45	0.49	0.09	0.07	0.08	0.54	0.54	0.59	0.43	0.43	0.47	0.13	0.13	0.14	17.68	17.66	18.98	26.00	25.98	27.94	116.79	116.76	125.71
2053-12-01	0.96	0.94	1.02	0.46	0.44	0.48	0.09	0.07	0.07	0.54	0.53	0.58	0.43	0.42	0.46	0.13	0.12	0.14	17.68	17.65	18.06	26.00	25.97	26.55	116.78	116.76	119.25
2053-12-02	0.95	0.92	1.00	0.46	0.43	0.47	0.09	0.07	0.07	0.53	0.53	0.57	0.42	0.42	0.45	0.13	0.12	0.13	17.67	17.65	18.05	25.99	25.97	26.54	116.77	116.75	119.24
2053-12-03	0.94	0.91	0.99	0.45	0.43	0.46	0.09	0.07	0.07	0.52	0.52	0.56	0.42	0.41	0.45	0.12	0.12	0.13	17.66	17.63	18.03	25.98	25.95	26.52	116.77	116.74	119.22
2053-12-04	0.93	0.90	0.96	0.45	0.41	0.44	0.09	0.06	0.06	0.52	0.51	0.55	0.41	0.41	0.44	0.12	0.12	0.13	17.65	17.62	18.01	25.97	25.94	26.51	116.76	116.73	119.21
2053-12-05	0.92	0.89	0.95	0.44	0.41	0.44	0.09	0.06	0.06	0.51	0.51	0.54	0.41	0.40	0.43	0.12	0.12	0.12	17.65	17.61	18.00	25.97	25.93	26.49	116.75	116.71	119.19
2053-12-06	0.91	0.88	0.94	0.44	0.40	0.43	0.09	0.05	0.06	0.51	0.50	0.54	0.40	0.40	0.43	0.12	0.11	0.12	17.64	17.60	17.99	25.96	25.92	26.48	116.75	116.70	119.18
2053-12-07	0.90	0.87	0.92	0.43	0.40	0.42	0.09	0.05	0.06	0.50	0.49	0.53	0.40	0.39	0.42	0.12	0.11	0.12	17.63	17.59	17.97	25.95	25.91	26.47	116.74	116.69	119.17
2053-12-08	0.89	0.86	0.91	0.43	0.40	0.42	0.09	0.05	0.06	0.50	0.49	0.52	0.40	0.39	0.41	0.12	0.11	0.12	17.63	17.58	17.97	25.95	25.90	26.46	116.73	116.69	119.16
2053-12-09	0.88	0.86	0.91	0.42	0.40	0.42	0.08	0.06	0.06	0.49	0.49	0.52	0.39	0.39	0.												

Table 10-C.6: Definitions

Flow Node Locations (refer to Figures 10.5-1 and 10.5-2)	
GC-1	Grave Creek upstream of confluence with Elk River
GC-2	Grave Creek downstream of confluence with Harmer Creek
GC-3	Grave Creek upstream of confluence with Harmer Creek
GC-4	Harmer Creek upstream of confluence with Grave Creek
GC-5	Grave Creek downstream of withdrawal location
GC-6	Grave Creek upstream of withdrawal location
GC-7	Grave Creek downstream of clean coal transfer area
GC-8	Grave Creek downstream of coal handling and preparation plant
AC-1	Alexander Creek upstream of Highway 3
AC-2	Alexander Creek mid-reach (between Highway 3 and Alexander/West Alexander confluence)
AC-3	Alexander Creek downstream of confluence with West Alexander Creek
AC-4	Alexander Creek upstream of confluence with West Alexander Creek
AC-5	West Alexander Creek upstream of confluence with Alexander Creek
AC-6	West Alexander Creek downstream of ultimate sediment pond outlet
EV-ER1	Confluence of Elk River and Michel Creek, near Sparwood
RG-ELKORES	Elk River at Elko Reservoir
RG-DSELK	Koocanusa River south of the Elk River

Land Development Scenarios	
A	No Mine Development
B	Mine Development

Climate Change Scenarios	
1	Without Climate Change
2	With Climate Change

Legend	
A.1	No mine development, without climate change
B.1	Mine development, without climate change
B.2	Mine development, with climate change