

**Table 5 – Regulatory Flood Levels for 1:100 Year Flood Event (Revision 004/2011, October 11, 2011)**

Reach	Chainage	Min Ch El	Scenario 1 - 1:100 yr flow on Blueberry Creek				Scenario 2 - 1:2 yr flow on Blueberry Creek				Scenario with Max WL	Final RFL**
			Flow	CWSEL	EGL	Sc. 1 RFL*	Flow	CWSEL	EGL	Sc. 2 RFL*		
	m	m	m <sup>3</sup> /s	m	m	m	m <sup>3</sup> /s	m	m	m		m
Blueberry Cr - Reach 2	425		Railway Bridge									
	440	133.54	16.02	135.18	135.25	135.25	4.99	136.19	136.19	136.19	2	136.19
	455		Hwy 7 Box Culvert									
	470	133.48	16.02	135.73	135.77	135.77	4.99	136.20	136.20	136.20	2	136.20
	670	133.95	16.02	135.82	135.83	135.82	4.99	136.20	136.20	136.20	2	136.20
	970	134.22	16.02	135.89	135.89	135.89	4.99	136.20	136.20	136.20	2	136.20
	1250	134.9	16.02	136.04	136.07	136.07	4.99	136.21	136.21	136.21	2	136.21
	1430	134.9	16.02	136.27	136.28	136.27	4.99	136.22	136.22	136.22	1	136.27
	1550	134.9	16.02	136.35	136.42	136.42	4.99	136.23	136.24	136.23	1	136.42
	1565		Hwy 511 Box Culvert									
	1580	134.95	16.02	136.4	136.46	136.46	4.99	136.24	136.25	136.24	1	136.46
	1750	135.44	16.02	136.77	136.99	136.99	4.99	136.18	136.43	136.43	1	136.99
	1940	135.9	16.02	137.32	137.34	137.32	4.99	136.90	136.91	136.90	1	137.32
	2122	136.48	16.02	137.44	137.46	137.44	4.99	137.09	137.10	137.09	1	137.44
2264	136.64	16.02	137.55	137.57	137.55	4.99	137.21	137.22	137.21	1	137.55	
2340	136.85	16.02	137.67	137.81	137.81	4.99	137.33	137.47	137.47	1	137.81	
Blueberry Cr - Reach 1	2540	136.85	10.60	138.07	138.07	138.07	3.12	137.72	137.72	137.72	1	138.07
	3190	136.85	10.60	138.07	138.07	138.07	3.12	137.73	137.73	137.73	1	138.07
West Trib	300	136.22	5.32	138.07	138.07	138.07	1.50	137.71	137.71	137.71	1	138.07
	440	136.69	5.32	138.05	138.09	138.09	1.50	137.71	137.72	137.71	1	138.09
	455		Hwy 511 Box Culvert									
	470	136.61	5.32	138.08	138.11	138.11	1.50	137.72	137.72	137.72	1	138.11
	760	136.88	5.32	138.14	138.15	138.14	1.50	137.74	137.74	137.74	1	138.14
	1180	137.05	5.32	138.18	138.18	138.18	1.50	137.79	137.80	137.79	1	138.18

\*Refer to the section on 'Regulatory Flood Levels' for information on how these values were computed

\*\*The final Regulatory Flood Level (RFL) is the maximum of the two scenarios

**Notation:**

Min Ch El – Minimum Channel Elevation

EGL – Energy Grade Level

CWSEL – Computed Water Surface Elevation

RFL – Regulatory Flood Level