NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

CALCULATIONS

Name of work MISSION CR. KELOWNA HIGH WATER LEVELS

Made M.J.O. Date May 31/83

Checked ..... Date .....

LEVELS TAKEN MAY 31 - JUNE 1/'83

ELEVATIONS COMPUTED BY S. BRIDGEMAN AUG. '83

File P 79-23

MON ELEV.	MONUMENT	ELEV. DIFF. IN FEET	REMARKS
1131.10	Mon. # 5	5.66 -	1125.44
1132.37	" 6	4.23	1128.14 Could possibly be PI-4 ! (1134.95)
1133.39	" 7	4.11	1129.28
1136.09	PI 5	3.87	1132.22
1137.51	PI 6	3.78	1133.73
1142.62	Mon # 16	4.99	1137.63 ℄ Mission Farms Gate
1145.04	" 23	4.37	1140.67
1144.79	" 24	2.95	1141.84
1142.33	" 25	4.45	1142.93
1147.32	PI 9 ?	3.05	1144.27 Identification of this mon. was poor.
1147.71	Mon. # 26	2.94	1144.77
1150.33	PI 12	4.35	1145.98
1150.88	Mon. # 27	3.98	1146.90
1153.42	" 28	4.08	1149.34 ℄ Dyke closure at end of Golf course
1167.48	PI 15	5.05	1162.43 ℄ Golf course
1163.53	PI 14	4.68 -	1152.85 ℄ Golf course
		5.71	℄ N/E Abutment Lakeshore Bridge H.W.L

Taken June 1/'83

These El. differences taken June 1/'83.

* ELEVATIONS IN FEET *

LOCATIONS OF HIGH WATER LEVELS ON PAGE 1 & 2 ARE TAKEN AT XS (MON) AND PI STATIONS ESTABLISHED IN 1980 (SEE DWGS. A5215-1-1-1, A5215-1-1-2, A5215-1-1-3)

CALCULATIONS

Name of work MISSION CREEK Made M.J.O Date May 31/'83

HIGH WATER LEVELS Checked Date

MON. ELEV.	MONUMENT	ELEV. DIFF. IN FEET	REMARKS
1178.89	PI 17	4.17	1174.72
1182.11	✓ 18	3.54	1178.57
1188.99	✓ 19	3.67	1185.32
1174.96	Mon. # 38	3.68	1171.28 @ Entrance Benvoulin overflow CMP.
1177.70	✓ 39	4.85	1172.85
1187.33	✓ 41	5.09	1182.24
1192.01	✓ 42	4.23	1187.78
1194.84	✓ 43	3.98	@ Gate 1190.86
1198.36	✓ 44	4.68	1193.68 near Sarwa Southgate.
1202.18	✓ 45	5.59	1196.59
1204.68	✓ 46	5.29	1199.39
1208.24	✓ 47	5.16	1203.08
1213.34	✓ 48	7.73	1205.61
1257.25	885	5.29	1251.96 El. 1257.25 @ Gate near Ziprick Rd. - Dyke entrance
1251.16	884	5.47	1245.69
1242.82	883	4.76	(30+00) opp. Footbridge 1238.06
1237.76	882	6.64	1231.12
1231.47	880.	7.49	1223.98
1228.16	879	10.49	1217.67

These El. differences taken May 31/'83.

CALCULATIONS

Name of work MISSION CR. Made M.J.O Date June 1/83
HIGH WATER LEVELS + Checked Date
LEVELRUN MON. # 885 TO S.E. KELOWNA BRIDGE

Sta.	ELEVATION IN FEET	LOCATION
MON. 885	1257.25	At Gate on Dyke of Ziprick Rd.
	1256.06	H.W.L. @ MON. 885
M-1	1260.81	H.W.L. opposite Kiniski Rd.
M-2	1269.31	H.W.L. @ Gertsmar Rd.
M-3	1272.29	H.W.L. 350' o/s of Gertsmar Rd. @ 2° Power P
M-4	1278.18	H.W.L. 1000' o/s of Gertsmar Rd. @ 4th Power Po
TBM-M4	1287.47	Spike in 4th P. Pole - 1000' o/s of Gertsmar Rd.
M-5	1285.46	H.W.L. 1670' past Gertsmar Rd.
M-6	1291.89	H.W.L opposite Creek st. 2370' o/s of Gertsmo
TBM-M7	1309.36	Paintmark (orange) on top of W. end of concrete fence footing, 100' o/s of W.K. Power Substatio
TBM-M8	1329.87.	Paintmark (orange) on top of cemented Rock-wall along stairways to property.
M-7	1310.04	H.W.L. opposite Rutland Water - Pumpstation #5
M-8	1316.59	H.W.L. (see sketch for approx. location)
TBM-M9	1340.04	Paintmark (orange) on top of large Rock on top of Bank about 300' o/s of badly eroded-area (Gravel bank) in 90° Curve of creek-below Whitman property.
M-9	1329.31	H.W.L (see sketch for approx. location)
M-10	1333.09	H.W.L. (" " " " ")
M-11	1350.64	H.W.L. on o/s side of S.E. Kelowna Bridge
BM.	1363.40	MON. # 74 HA 588 on top of s/w, o/s end-bridge abutment, (S.E. Kel. Bridge) El. 415.563 M. = 1363.395 Ft.

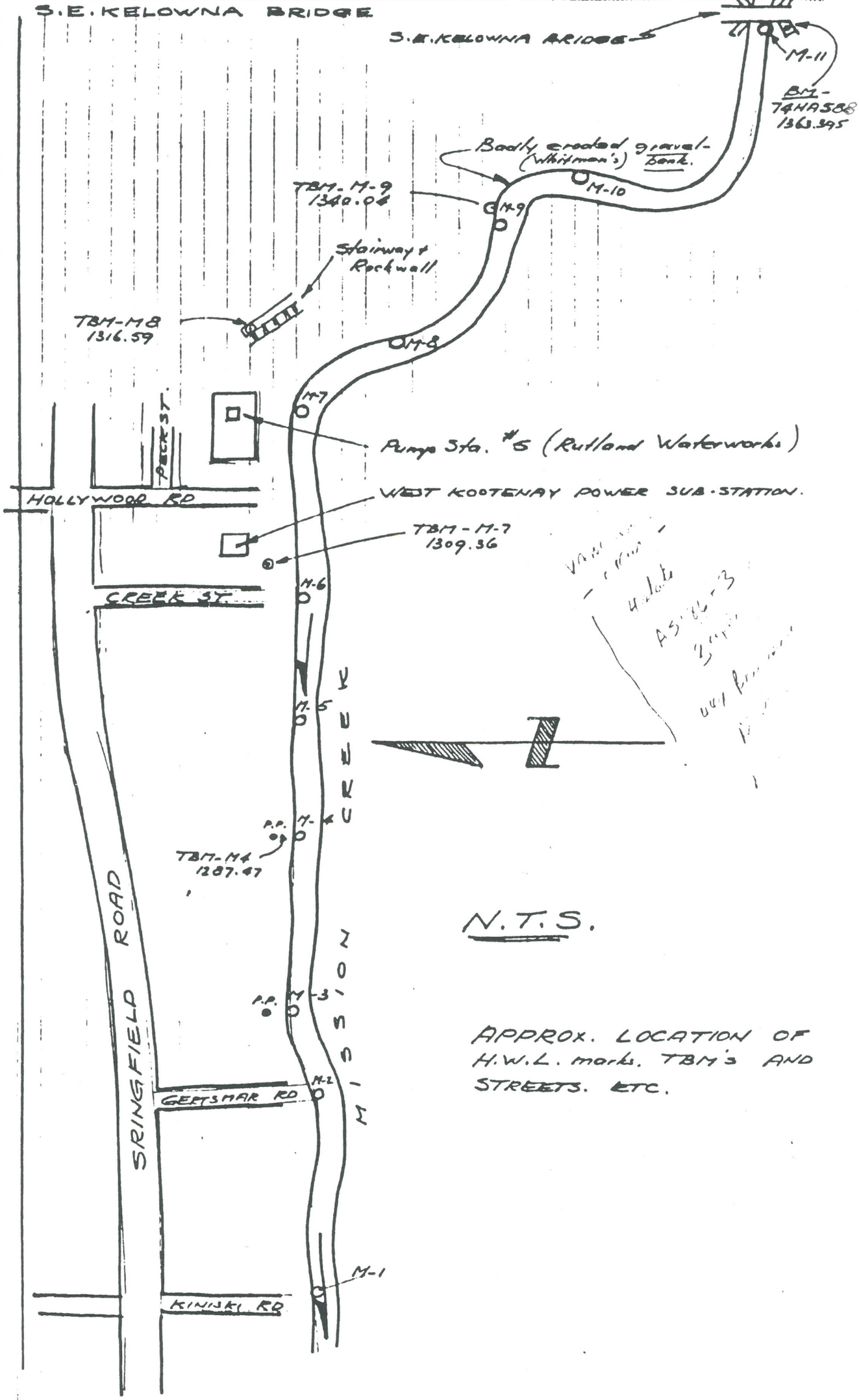
CALCULATIONS

Sheet No. 4 of 4

Name of work MISSION CR. KELOWNA Made M.J.O Date June 1/83

H.W.L. + LEVELRUN, MON# 885 to Checked Date

S.E. KELOWNA BRIDGE



N.T.S.

APPROX. LOCATION OF H.W.L. marks. TBM's AND STREETS. ETC.