

ANNEXE C
Résultats de simulation HEC-RAS
État futur

aménagement propo 2-modifie Plan: Plan 05
 Petite Décharge simulation état futur

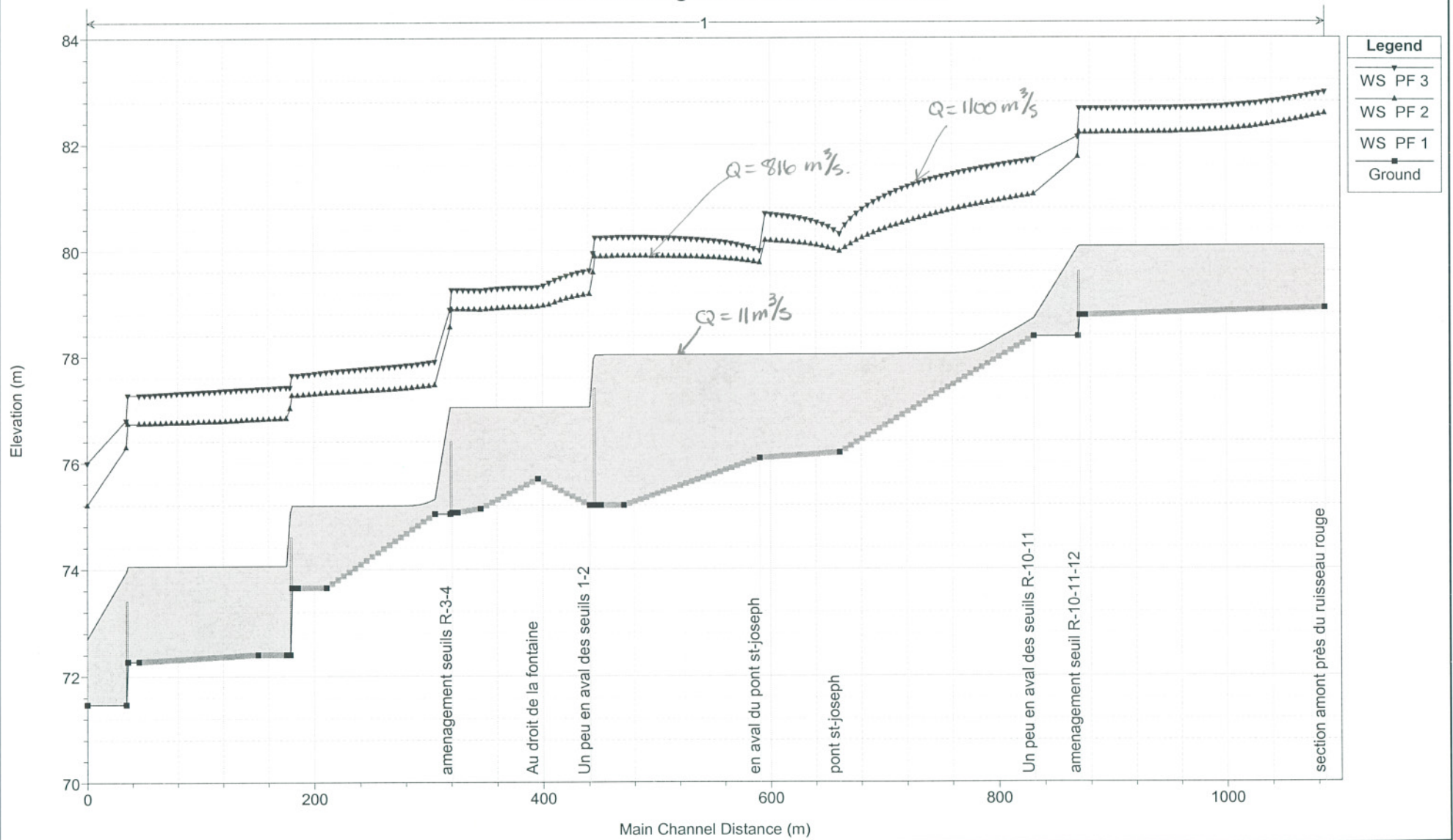


TABLEAU C-1

RÉSULTATS DE SIMULATION - ÉTAT FUTUR -

HEC-RAS Plan: Plan 05 River: PD Reach: 1

Reach	River Sta	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	ROB Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)
1	10	7.00	78.90	80.08	84.26	79.43	80.09	0.34	20.85	35.32
1	10	538.00	78.90	82.56	84.26	82.13	82.98	2.96	191.79	114.33
1	10	726.00	78.90	82.97	84.26	82.51	83.45	3.18	239.01	117.50
1	9	7.00	78.77	80.08	83.95	79.07	80.08	0.09	77.20	110.09
1	9	538.00	78.77	82.21	83.95	80.72	82.35	1.69	319.52	116.12
1	9	726.00	78.77	82.67	83.95	81.02	82.86	1.96	373.48	117.00
1	8.9	Inline Weir								
1	8.8	7.00	78.37	78.71	83.55		78.78	1.22	5.75	24.50
1	8.8	538.00	78.37	81.05	83.55		81.32	2.33	231.85	114.68
1	8.8	726.00	78.37	81.71	83.55		81.99	2.37	308.31	115.94
1	8	7.00	76.18	78.04	82.00		78.04	0.12	57.07	40.56
1	8	538.00	76.18	79.98	82.00		80.72	3.82	140.95	45.85
1	8	726.00	76.18	80.31	82.00		81.41	4.65	156.41	46.54
1	7.8	11.00	76.08	78.03	81.90		78.03	0.11	97.21	80.95
1	7.8	816.00	76.08	79.77	81.90		80.35	3.39	241.12	85.01
1	7.8	1100.00	76.08	80.00	81.90		80.91	4.22	261.06	85.56
1	7	11.00	75.19	78.03	84.01		78.03	0.04	288.68	136.47
1	7	816.00	75.19	79.90	84.01		80.00	1.44	566.08	150.94
1	7	1100.00	75.19	80.26	84.01		80.42	1.77	621.04	151.26
1	6.9	11.00	75.19	78.03	84.01	75.62	78.03	0.04	288.62	136.46
1	6.9	816.00	75.19	79.89	84.01	77.40	79.99	1.45	564.65	150.93
1	6.9	1100.00	75.19	80.25	84.01	77.77	80.41	1.78	619.06	151.25
1	6.8	Inline Weir								
1	6.7	11.00	75.19	77.04	84.01		77.04	0.07	159.82	124.32
1	6.7	816.00	75.19	79.18	84.01		79.34	1.78	458.25	150.31
1	6.7	1100.00	75.19	79.63	84.01		79.85	2.09	526.16	150.71
1	6	11.00	75.69	77.04	81.82		77.04	0.10	110.73	104.85
1	6	816.00	75.69	78.94	81.82		79.25	2.46	331.73	124.06
1	6	1100.00	75.69	79.32	81.82		79.75	2.90	379.04	126.36
1	5.5	11.00	75.13	77.04	80.90		77.04	0.07	150.30	109.99
1	5.5	816.00	75.13	78.89	80.90		79.13	2.18	375.15	136.75
1	5.5	1100.00	75.13	79.26	80.90		79.60	2.59	425.76	137.11
1	5.4	11.00	75.06	77.04	80.83	75.33	77.04	0.07	166.55	131.62
1	5.4	816.00	75.06	78.89	80.83	77.35	79.09	1.96	416.89	136.83
1	5.4	1100.00	75.06	79.27	80.83	77.71	79.55	2.35	467.96	137.18
1	5.2	Inline Weir								
1	5	11.00	75.03	75.31	80.80		75.37	1.05	10.44	49.46
1	5	816.00	75.03	77.46	80.80		77.97	3.15	258.81	133.97
1	5	1100.00	75.03	77.91	80.80		78.51	3.45	319.19	135.92

TABLEAU C-1 (suite)

HEC-RAS Plan: Plan 05 River: PD Reach: 1 (Continued)

Reach	River Sta	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	ROB Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)
1	4	11.00	73.65	75.19	79.75		75.19	0.14	80.26	97.77
1	4	816.00	73.65	77.31	79.75		77.66	2.63	310.27	111.30
1	4	1100.00	73.65	77.71	79.75		78.20	3.10	355.26	112.18
1	3.6	11.00	73.65	75.19	79.75	74.12	75.19	0.14	80.26	97.77
1	3.6	816.00	73.65	77.27	79.75	76.26	77.63	2.67	305.70	111.21
1	3.6	1100.00	73.65	77.65	79.75	76.66	78.16	3.16	348.26	112.05
1	3.5	Inline Weir								
1	3.4	11.00	72.40	74.05	79.34		74.06	0.15	72.83	70.92
1	3.4	816.00	72.40	76.83	79.34		77.16	2.51	324.76	94.84
1	3.4	1100.00	72.40	77.43	79.34		77.85	2.89	381.13	95.46
1	3	11.00	72.40	74.05	79.34		74.06	0.15	72.83	70.92
1	3	816.00	72.40	76.81	79.34		77.14	2.53	322.54	94.81
1	3	1100.00	72.40	77.40	79.34		77.83	2.91	378.43	95.43
1	2	11.00	72.27	74.05	78.57	72.57	74.05	0.10	105.07	77.61
1	2	816.00	72.27	76.74	78.57	74.94	77.07	2.54	321.87	82.31
1	2	1100.00	72.27	77.27	78.57	75.42	77.73	3.01	366.13	82.90
1	1.5	Inline Weir								
1	1	11.00	71.47	72.70	78.40	71.81	72.70	0.22	48.90	55.56
1	1	816.00	71.47	75.20	78.40	74.42	75.83	3.50	233.09	77.56
1	1	1100.00	71.47	76.00	78.40	74.92	76.71	3.72	295.58	78.64

TABLEAU C-2

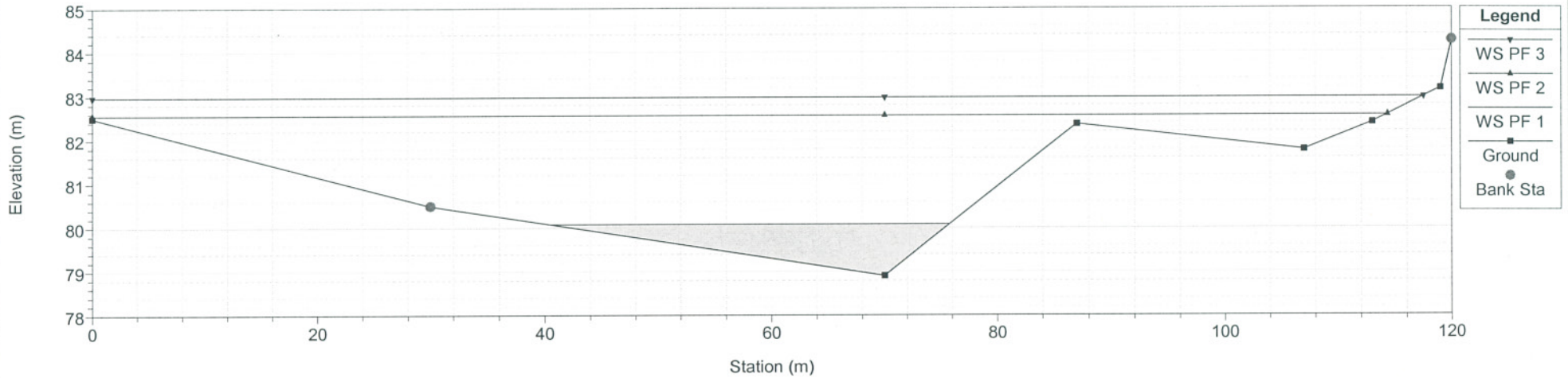
RÉSULTATS DE SIMULATION AU DROIT DES SEUILS

HEC-RAS Plan: Plan 05 River: PD Reach: 1

Reach	River Sta	E.G. Elev (m)	W.S. Elev (m)	Q Total (m3/s)	Q Weir (m3/s)	Total Gate Flow (m3/s)
1	8.9	80.08	80.08	7.00	7.00	
1	8.9	82.35	82.21	538.00	538.00	
1	8.9	82.86	82.67	726.00	726.00	
1	6.8	78.03	78.03	11.00	11.00	
1	6.8	79.99	79.89	816.00	816.00	
1	6.8	80.41	80.25	1100.00	1100.00	
1	5.2	77.04	77.04	11.00	11.00	
1	5.2	79.09	78.89	816.00	816.00	
1	5.2	79.55	79.27	1100.00	1100.00	
1	3.5	75.19	75.19	11.00	11.00	
1	3.5	77.63	77.27	816.00	816.00	
1	3.5	78.16	77.65	1100.00	1100.00	
1	1.5	74.05	74.05	11.00	11.00	
1	1.5	77.07	76.74	816.00	816.00	
1	1.5	77.73	77.27	1100.00	1100.00	

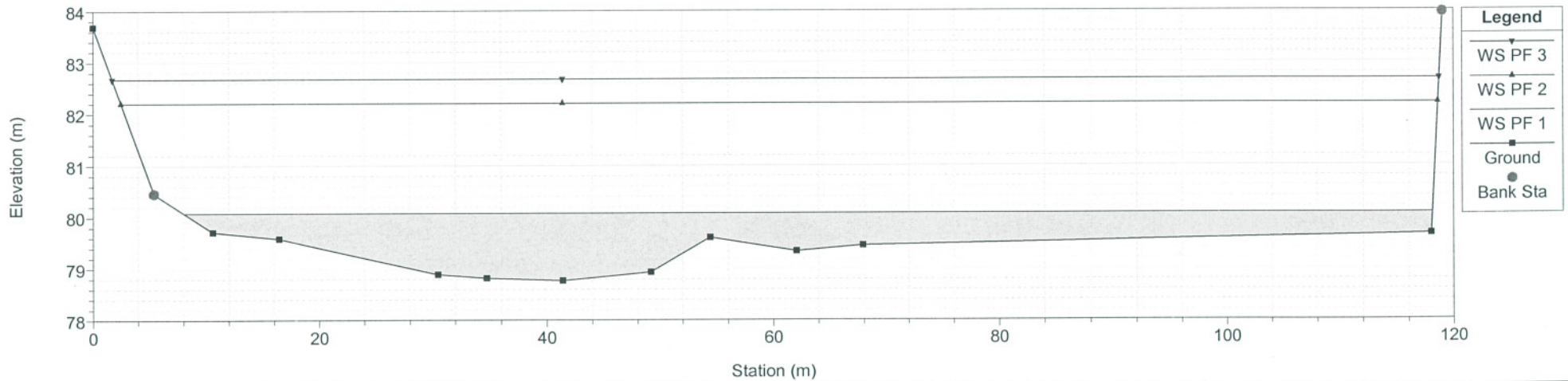
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 10 section amont près du ruisseau rouge Petite Décharge simulation état futur



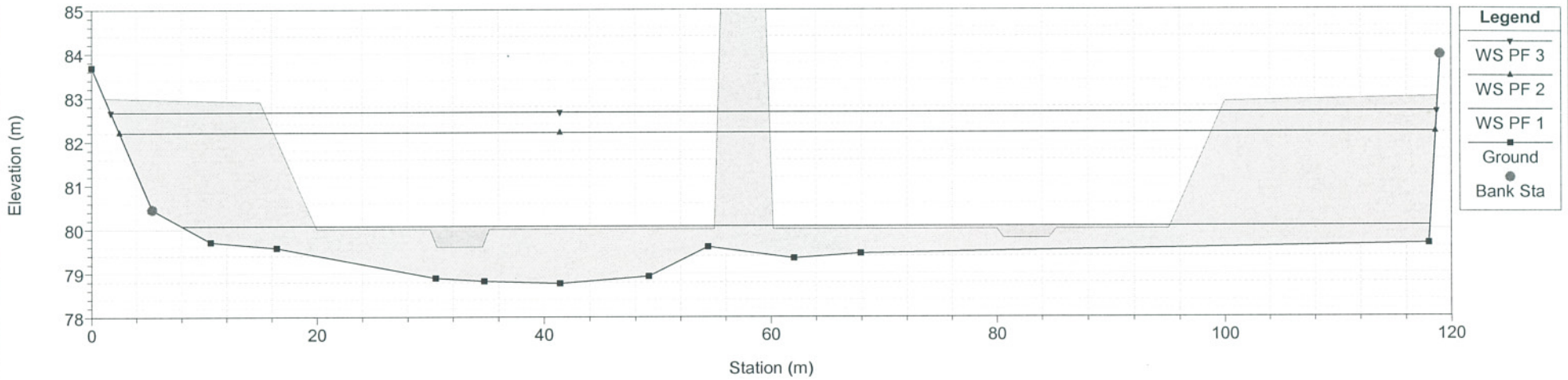
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 9 Un peu en amont des seuils R-10-11 Petite Décharge simulation état futur



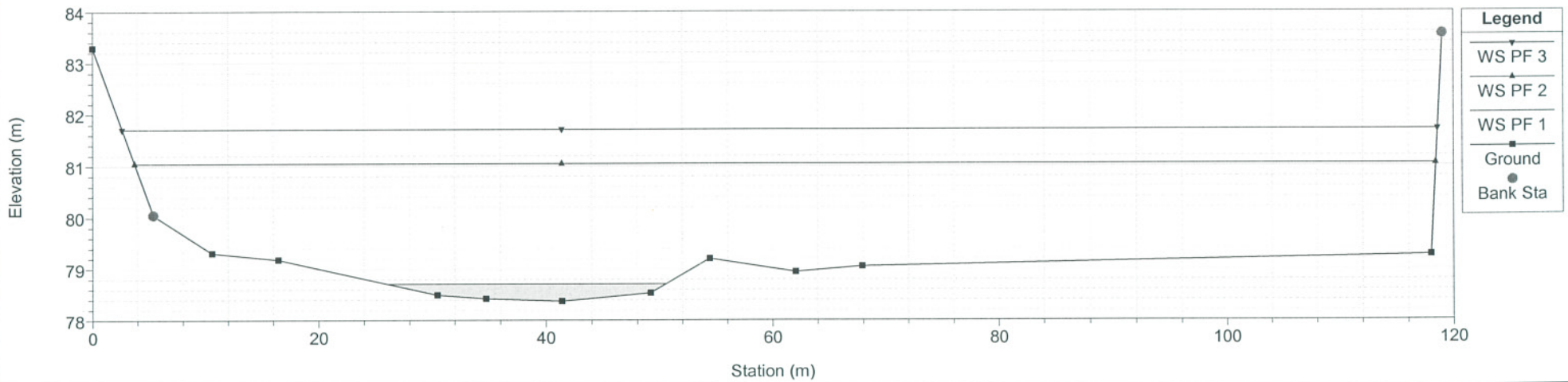
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 8.9 amenagement seuil R-10-11-12 Petite Décharge simulation état futur



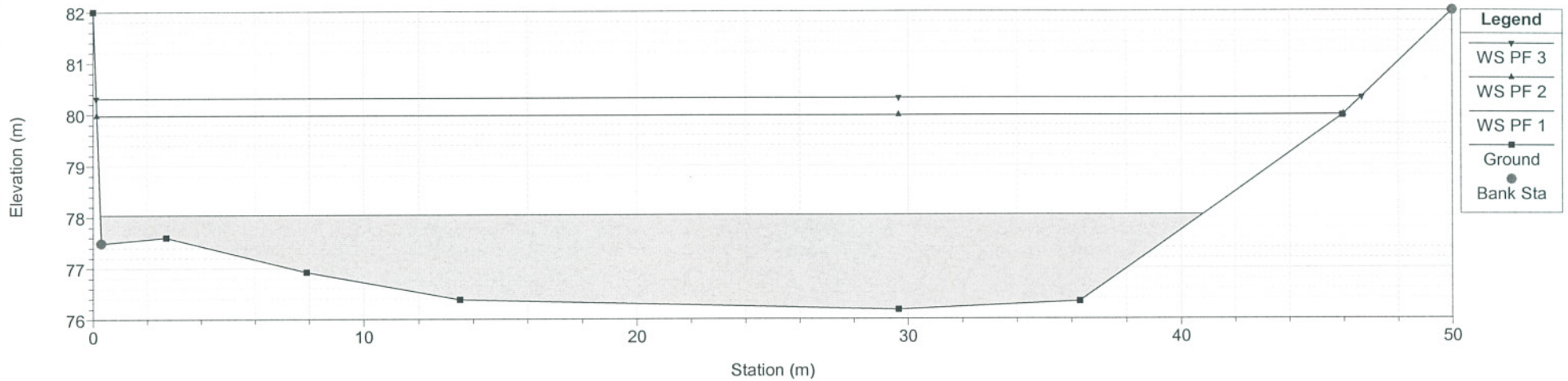
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 8.8 Un peu en aval des seuils R-10-11 Petite Décharge simulation état futur



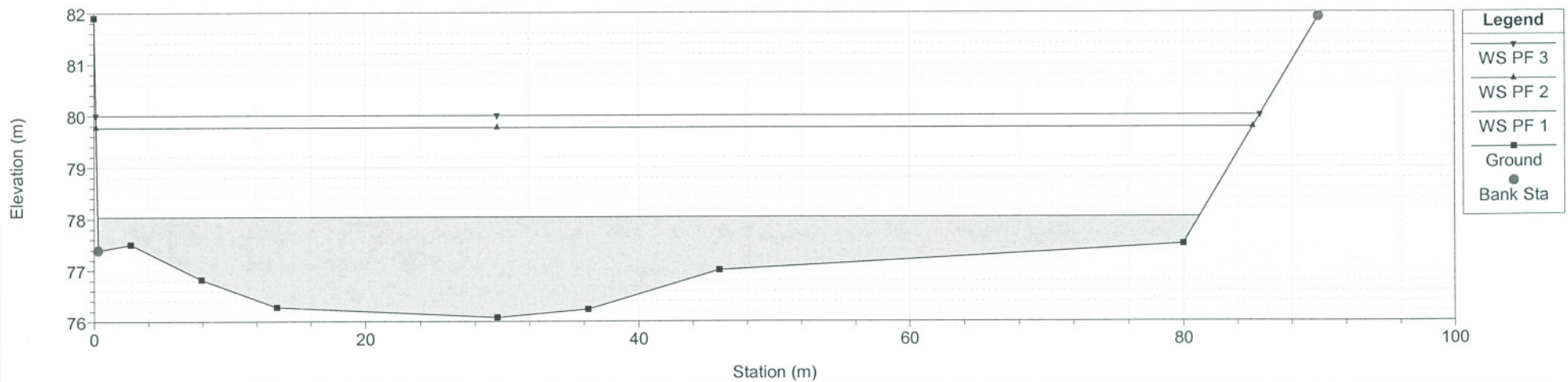
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 8 pont st-joseph Petite Décharge simulation état futur



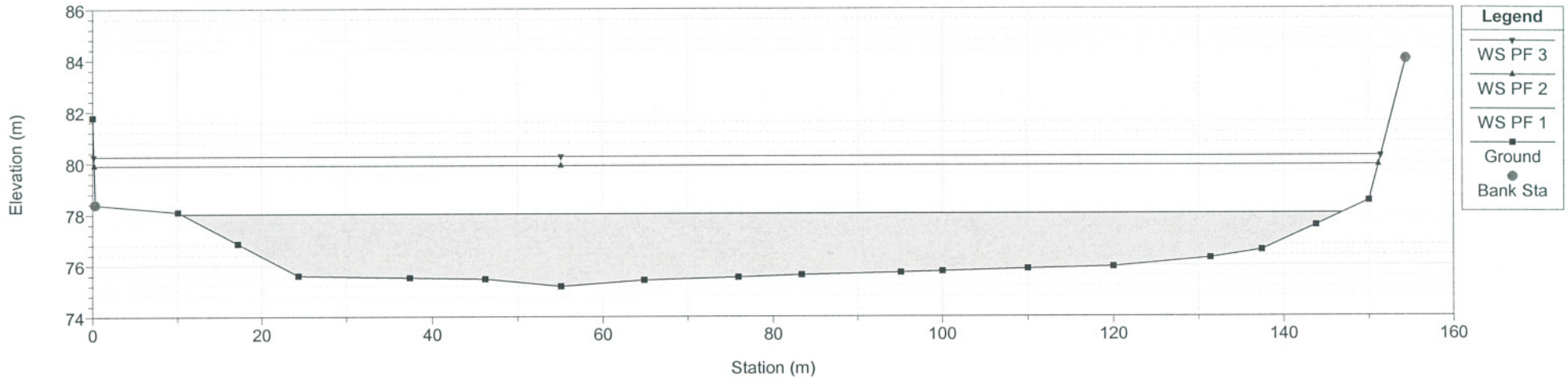
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 7.8 en aval du pont st-joseph Petite Décharge simulation état futur



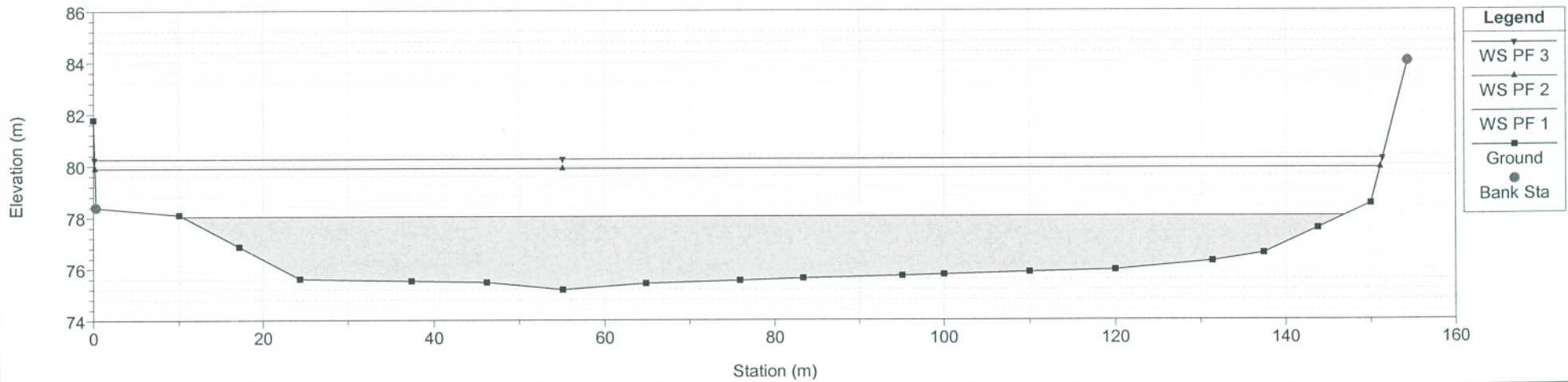
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 7 Un peu en amont des seuils R-1-2 Petite Décharge simulation état futur



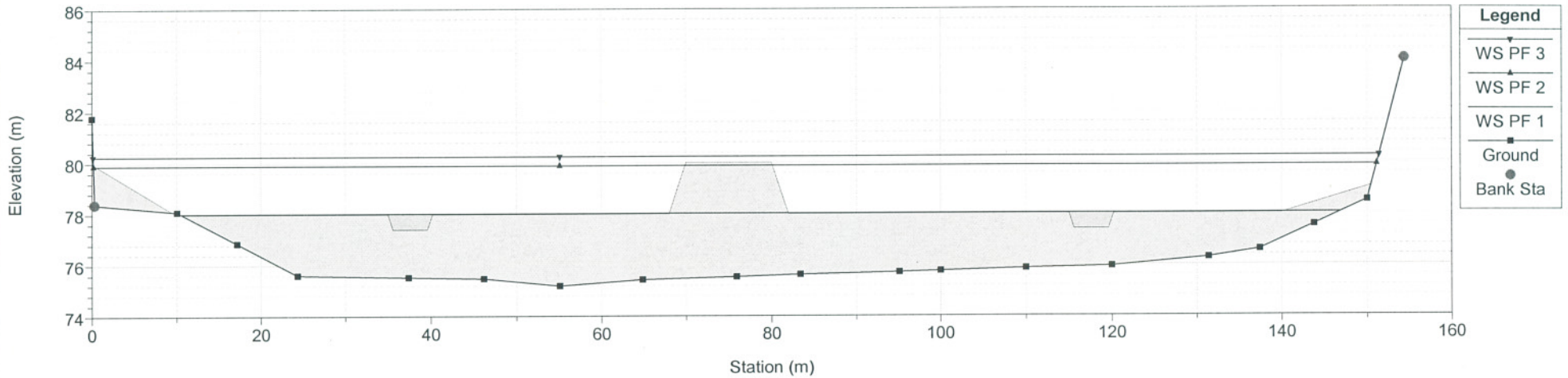
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 6.9 Un peu en amont des seuils R-1-2 Petite Décharge simulation état futur



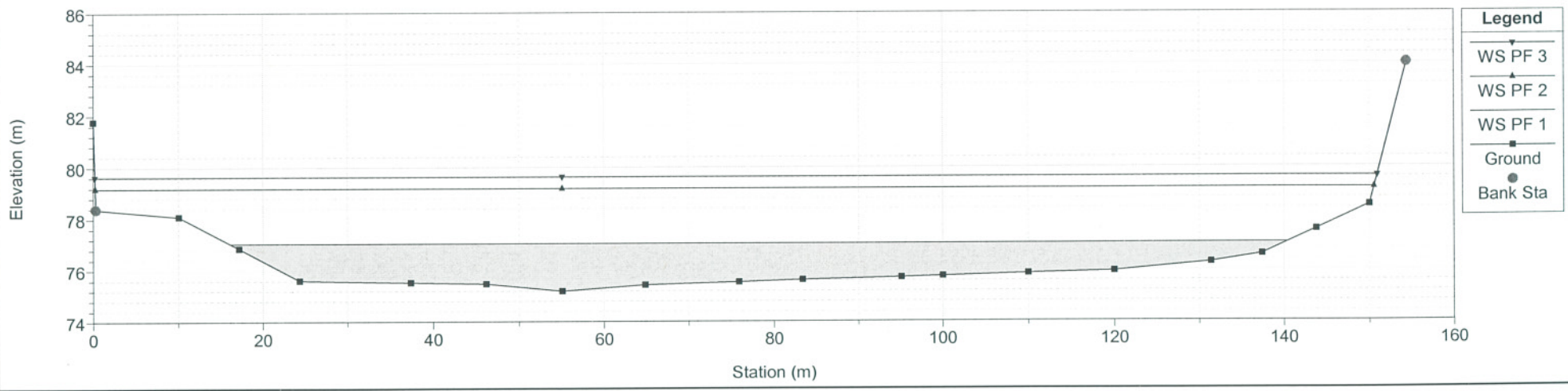
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 6.8 amenagement seuil R1-2 Petite Décharge simulation état futur



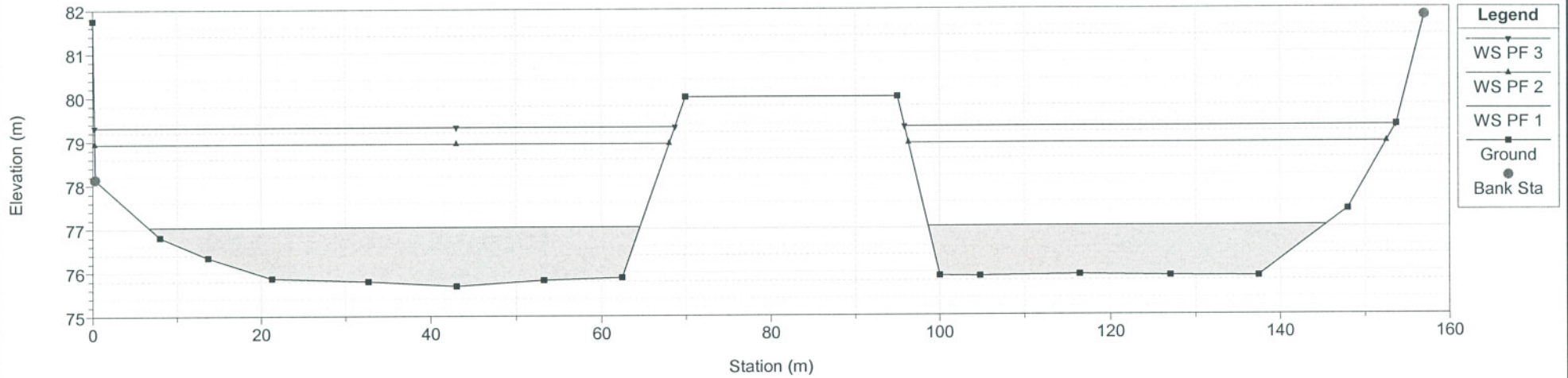
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 6.7 Un peu en aval des seuils 1-2 Petite Décharge simulation état futur



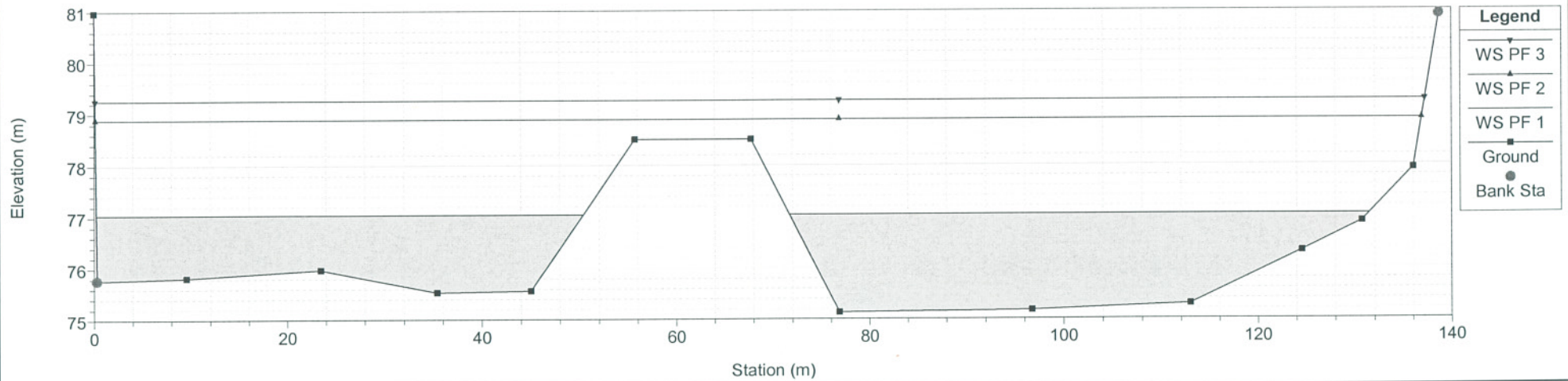
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 6 Au droit de la fontaine Petite Décharge simulation état futur



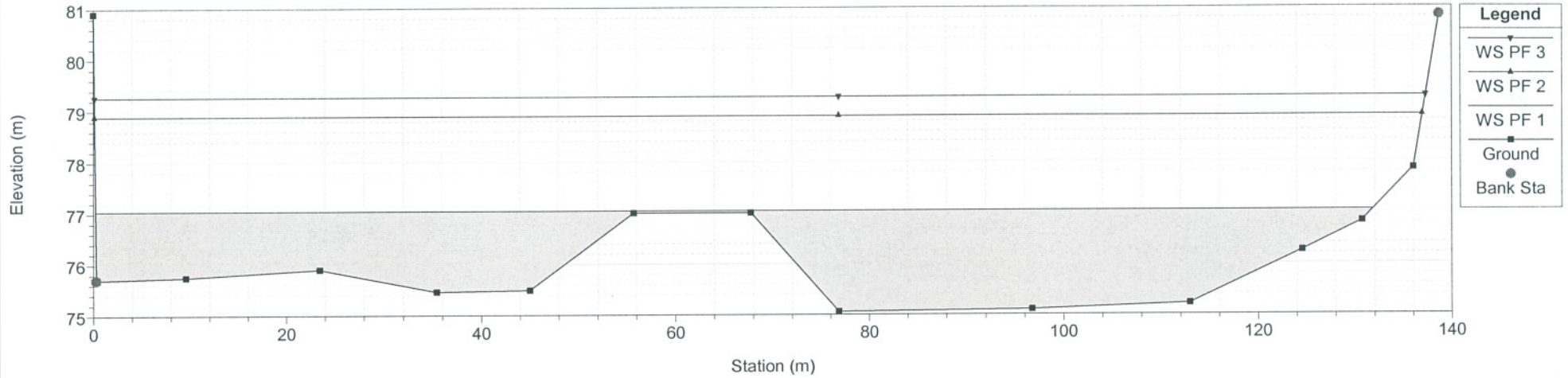
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 5.5 Un peu en amont des seuils R-3-4 Petite Décharge simulation état futur



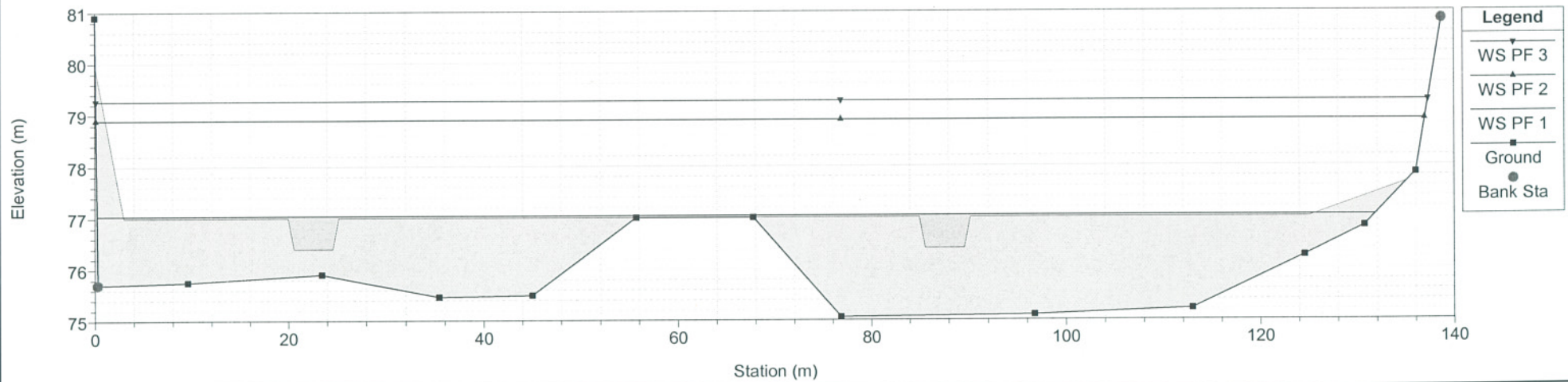
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 5.4 Un peu en amont des seuils R-3-4 Petite Décharge simulation état futur



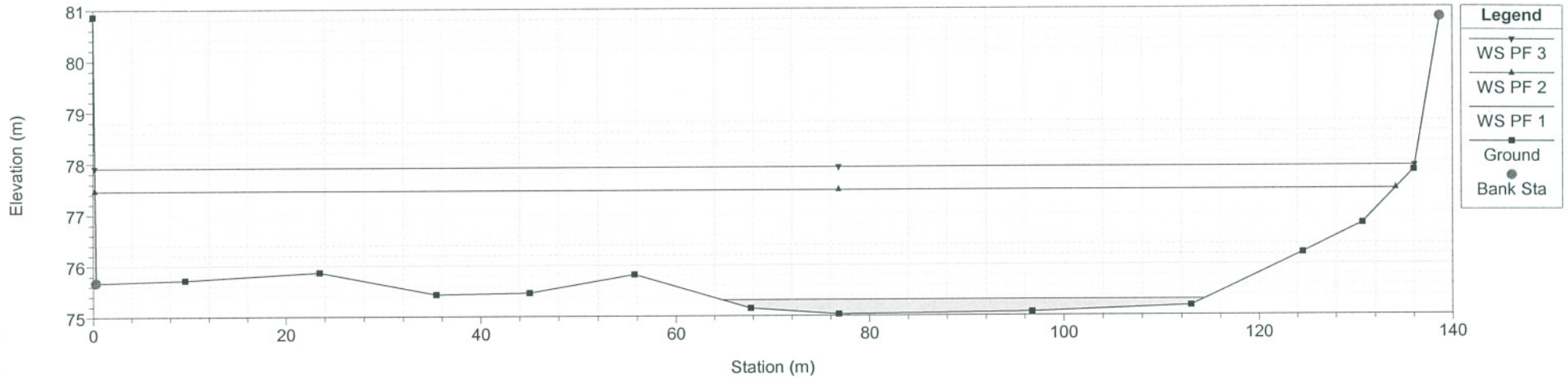
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 5.2 aménagement seuils R-3-4 Petite Décharge simulation état futur



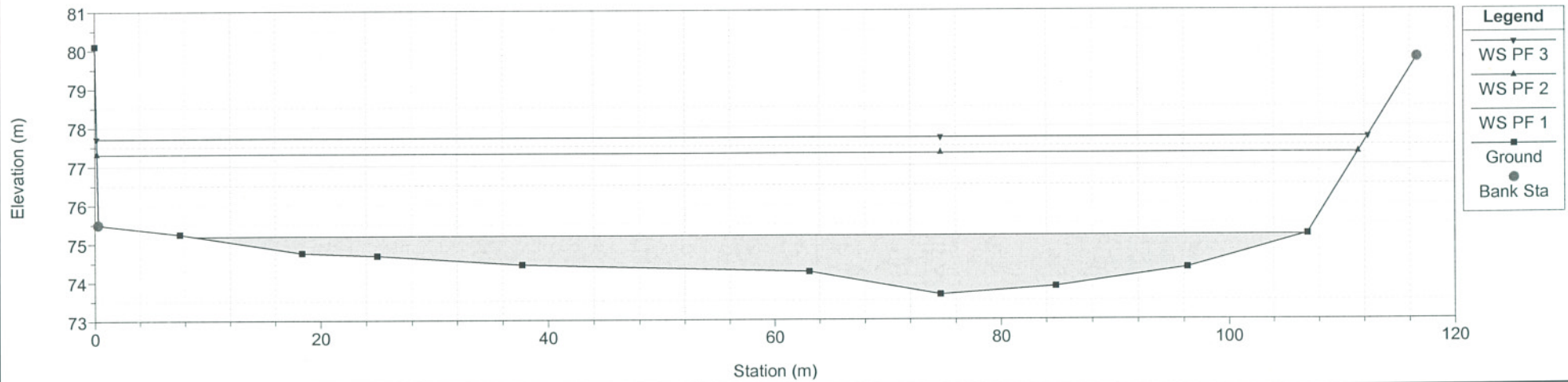
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 5 Un peu en aval des seuils 3-4 Petite Décharge simulation état futur



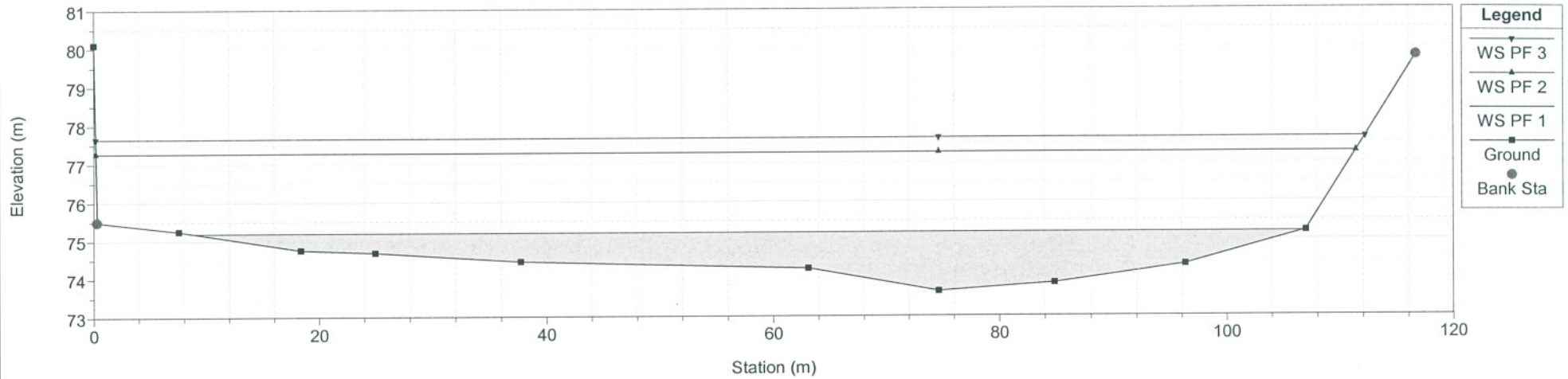
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 4 en amont des seuils R-5-6-7 Petite Décharge simulation état futur



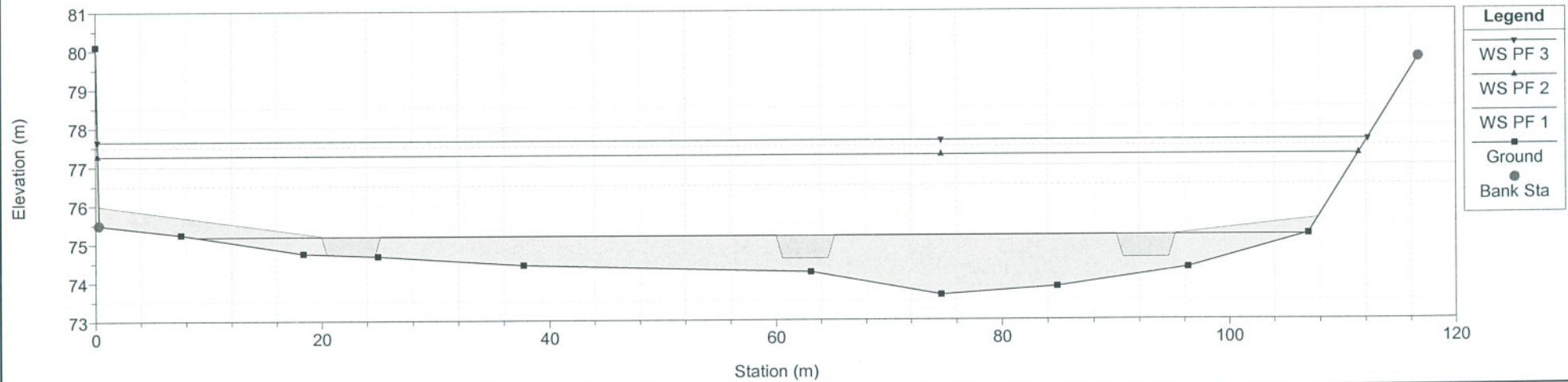
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 3.6 en amont des seuils R-5-6-7 Petite Décharge simulation état futur



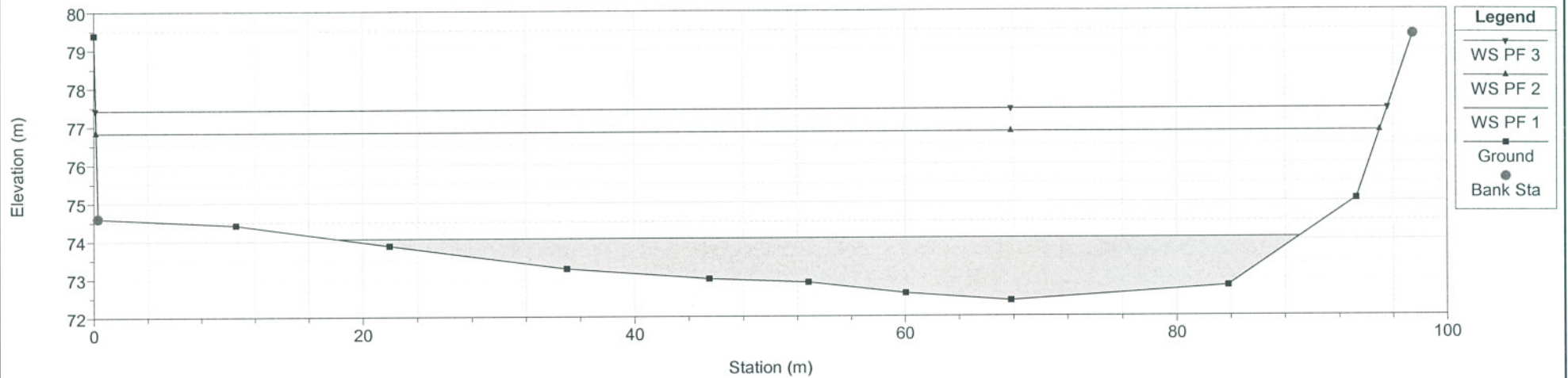
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 3.5 aménagement seuil R-5-6-7 Petite Décharge simulation état futur



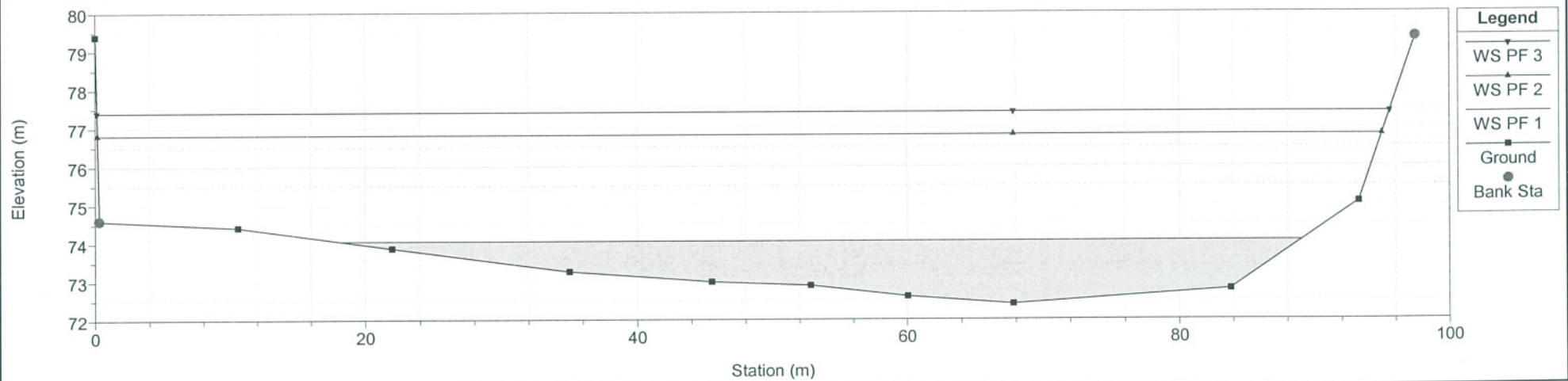
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 3.4 Un peu en aval des seuils R-5-6-7 Petite Décharge simulation état futur



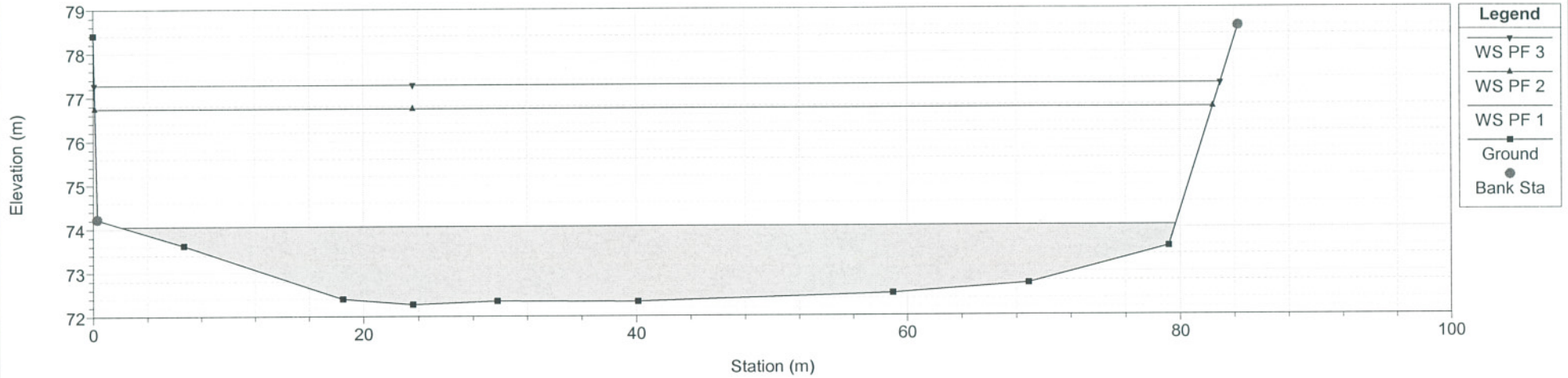
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 3 Un peu en aval des seuils R-5-6-7 Petite Décharge simulation état futur



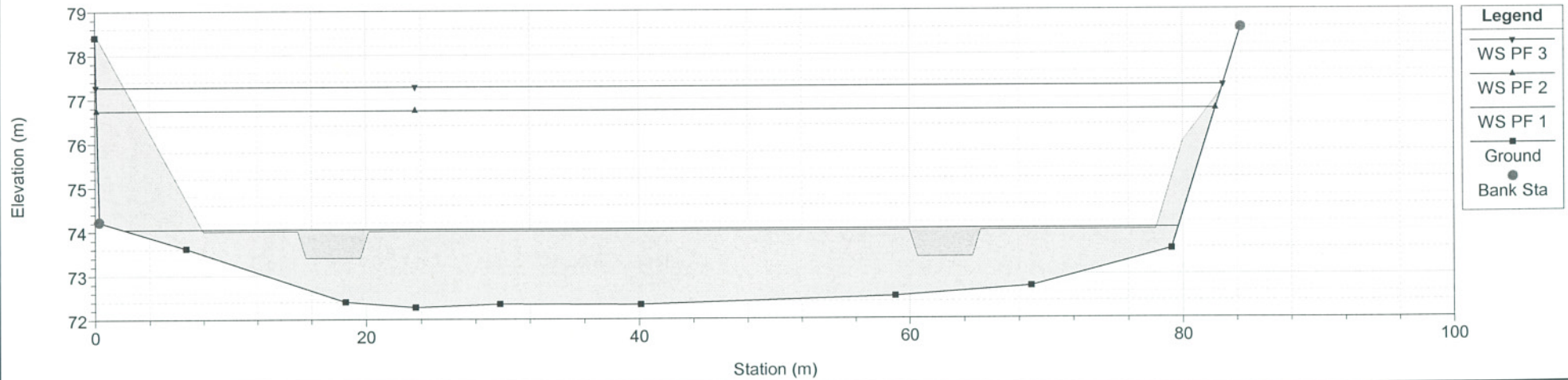
amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 2 un peu en amont des seuils R-8-9 Petite Décharge simulation état futur



amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 1.5 Petite Décharge simulation état futur



amenagement propo 2-modifie Plan: Plan 05

River = PD Reach = 1 RS = 1 section aval Petite Décharge simulation état futur

