



REGIONE BASILICATA

COMUNE DI GENZANO DI L. (PZ)



Progetto per la costruzione e l'esercizio di un impianto Agrivoltaico, delle opere connesse e delle infrastrutture indispensabili, denominato DERRICO, da realizzarsi in agro del Comune di Genzano di L.

Progetto Definitivo



Elaborato

RELAZIONE DI COMPATIBILITA' IDROLOGICA ED IDRAULICA - Allegato B

Tav n°

A.3.2

Data: Ottobre 2021

Scala:

Rev.	Data	Descrizione	Eseguito	Verificato	Approvato

Progettazione

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Visti

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RELAZIONE IDROLOGICA - Appendice B

Bacini Idrografici: Dati tabellari e sezioni verifica idraulica

HEC-RAS Plan: Plan 05 Profile: PF 1

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 2	Reach 2	1110	PF 1	8.77	418.00	419.18	419.18	419.47	0.013996	2.41	3.64	6.14	1.00
River 2	Reach 2	1063	PF 1	8.77	410.04	410.62	411.27	416.85	0.776586	11.06	0.79	2.74	6.56
River 2	Reach 2	1002	PF 1	8.77	404.42	404.93	405.08	405.43	0.066572	3.13	2.80	10.99	1.98
River 2	Reach 2	950	PF 1	8.77	399.11	399.47	399.70	400.37	0.155529	4.19	2.09	10.04	2.93
River 2	Reach 2	890	PF 1	8.77	394.63	395.08	395.20	395.45	0.046486	2.69	3.26	12.74	1.69
River 2	Reach 2	823	PF 1	8.77	391.23	391.60	391.71	391.94	0.056247	2.56	3.43	16.13	1.77
River 2	Reach 2	737	PF 1	8.77	386.79	387.39	387.58	387.84	0.040647	2.95	2.98	8.78	1.62
River 2	Reach 2	630	PF 1	8.77	382.79	383.09	383.14	383.28	0.042771	1.94	4.52	26.27	1.49
River 2	Reach 2	490	PF 1	8.77	376.34	377.22	377.38	377.76	0.035962	3.25	2.70	6.08	1.56
River 2	Reach 2	405	PF 1	8.77	373.10	373.76	373.95	374.21	0.047555	2.99	2.93	9.52	1.72
River 2	Reach 2	331	PF 1	8.77	370.41	370.94	371.04	371.24	0.033036	2.43	3.61	12.28	1.43
River 2	Reach 2	179	PF 1	8.77	366.28	366.89	366.92	367.08	0.022612	1.92	4.56	16.50	1.17
River 2	Reach 2	170		Bridge									
River 2	Reach 2	166	PF 1	8.77	365.55	366.12	366.14	366.32	0.018736	1.99	4.41	13.21	1.10
River 2	Reach 2	94	PF 1	8.77	363.22	363.60	363.72	364.02	0.063227	2.88	3.04	13.06	1.91
River 2	Reach 2	70		Culvert									
River 2	Reach 2	56	PF 1	8.77	362.36	363.30	363.30	363.53	0.014930	2.11	4.15	9.42	1.02
River 2	Reach 2	13	PF 1	8.77	362.03	362.31	362.36	362.46	0.046487	1.75	5.02	36.20	1.50
River 1	Reach 1	1293	PF 1	4.18	360.76	361.28	361.28	361.36	0.019404	1.26	3.32	20.24	0.99
River 1	Reach 1	1212	PF 1	4.18	359.51	359.86	359.86	359.96	0.018577	1.43	2.92	14.23	1.01
River 1	Reach 1	1136	PF 1	4.18	358.40	358.70	358.70	358.77	0.021626	1.17	3.57	26.41	1.02
River 1	Reach 1	1050	PF 1	4.18	357.44	357.60	357.60	357.66	0.022503	1.05	3.99	36.07	1.01
River 1	Reach 1	952	PF 1	4.18	355.79	356.09	356.09	356.16	0.020821	1.23	3.41	22.90	1.02
River 1	Reach 1	850	PF 1	4.18	354.21	354.44	354.44	354.53	0.019341	1.32	3.17	18.15	1.01
River 1	Reach 1	772	PF 1	4.18	352.64	353.27	353.27	353.44	0.016014	1.84	2.27	6.67	1.01
River 1	Reach 1	686	PF 1	4.18	351.11	351.70	351.72	351.89	0.020625	1.94	2.16	7.19	1.13
River 1	Reach 1	624	PF 1	4.18	349.78	350.24	350.28	350.41	0.027102	1.85	2.26	9.98	1.24
River 1	Reach 1	588	PF 1	4.18	349.33	349.69	349.69	349.80	0.018309	1.45	2.88	13.64	1.01
River 1	Reach 1	539	PF 1	4.18	347.85	348.42	348.48	348.67	0.029328	2.21	1.89	6.68	1.33
River 1	Reach 1	472	PF 1	4.18	347.04	347.30	347.30	347.36	0.022092	1.12	3.75	30.33	1.01
River 1	Reach 1	417	PF 1	4.18	345.96	346.26	346.26	346.32	0.021934	1.06	3.93	34.09	1.00
River 1	Reach 1	361	PF 1	4.18	345.18	345.36	345.36	345.42	0.022624	1.06	3.95	35.35	1.01
River 1	Reach 1	293	PF 1	4.18	343.76	344.40	344.40	344.46	0.021613	1.14	3.65	27.93	1.01
River 1	Reach 1	244	PF 1	4.18	343.46	343.75	343.75	343.85	0.018315	1.40	2.98	14.82	1.00
River 1	Reach 1	180	PF 1	4.18	342.19	342.49	342.51	342.58	0.031647	1.36	3.08	24.44	1.22
River 1	Reach 1	140	PF 1	4.18	341.54	341.78	341.78	341.86	0.020322	1.21	3.47	23.50	1.00
River 1	Reach 1	81	PF 1	4.18	340.09	340.54	340.54	340.63	0.021053	1.40	2.99	16.60	1.05
River 1	Reach 1	17	PF 1	4.18	336.99	337.73	337.95	338.41	0.062885	3.65	1.14	3.10	1.92

Tabella 1: DATI TABELLARI Q_{30 anni} - river 1 e 2

RELAZIONE IDROLOGICA - Appendice B

Bacini Idrografici: Dati tabellari e sezioni verifica idraulica

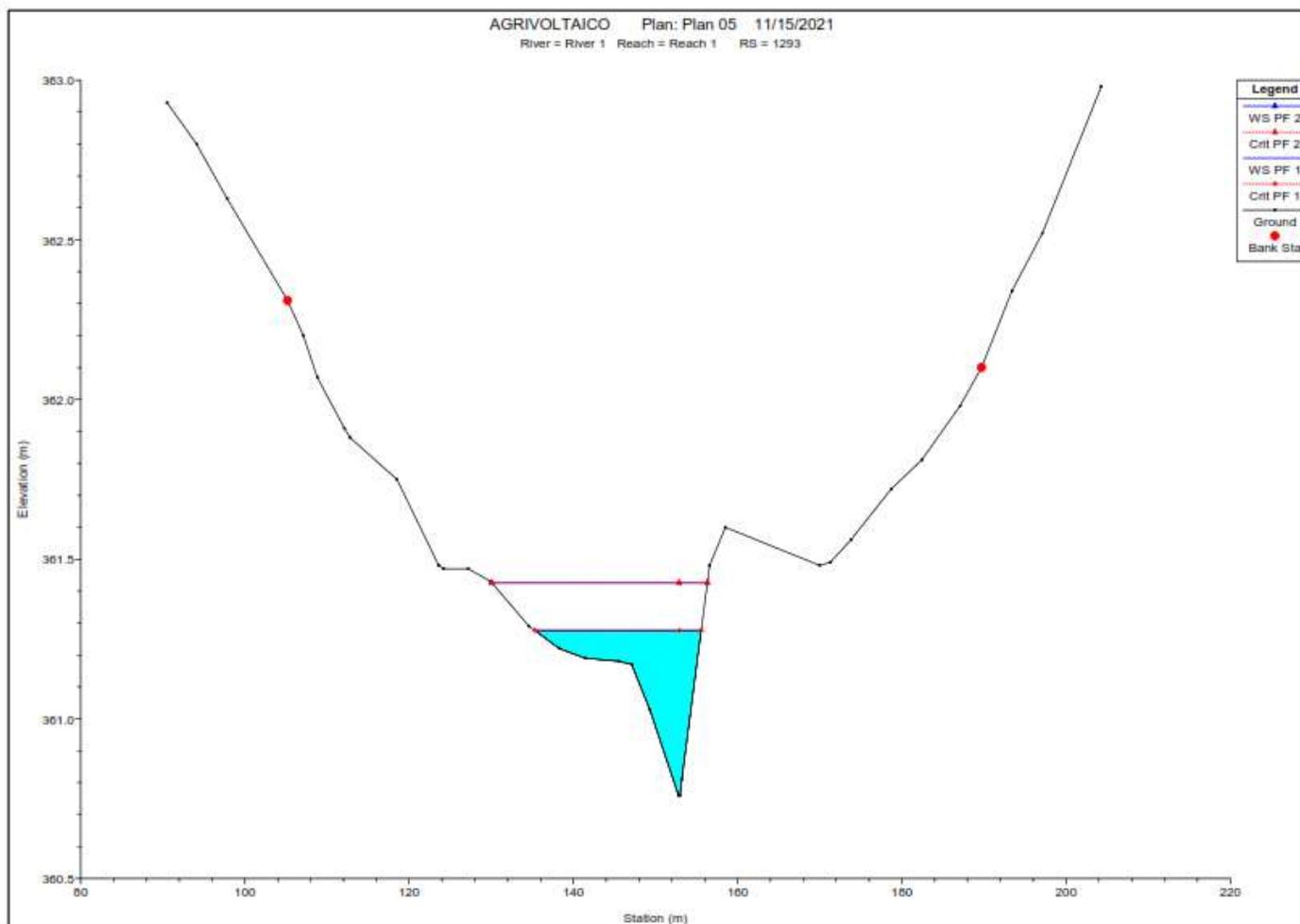
HEC-RAS Plan: Plan 05 Profile: PF 2

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 2	Reach 2	1110	PF 2	21.73	418.00	419.71	419.71	420.12	0.012511	2.85	7.64	9.28	1.00
River 2	Reach 2	1063	PF 2	21.73	410.04	410.93	411.81	417.75	0.478034	11.56	1.88	4.22	5.53
River 2	Reach 2	1002	PF 2	21.73	404.42	405.11	405.38	406.02	0.081644	4.23	5.13	14.92	2.31
River 2	Reach 2	950	PF 2	21.73	399.11	399.67	400.00	400.93	0.119551	4.98	4.36	13.23	2.77
River 2	Reach 2	890	PF 2	21.73	394.63	395.26	395.48	395.96	0.058005	3.70	5.88	16.27	1.96
River 2	Reach 2	823	PF 2	21.73	391.23	391.78	391.94	392.29	0.050003	3.13	6.93	22.01	1.78
River 2	Reach 2	737	PF 2	21.73	386.79	387.71	387.84	388.13	0.046080	2.85	7.63	26.19	1.68
River 2	Reach 2	630	PF 2	21.73	382.79	383.23	383.31	383.53	0.039301	2.41	9.01	35.43	1.53
River 2	Reach 2	490	PF 2	21.73	376.34	377.62	377.88	378.32	0.034680	3.70	5.87	10.68	1.59
River 2	Reach 2	405	PF 2	21.73	373.10	374.00	374.12	374.35	0.061454	2.60	8.35	40.82	1.84
River 2	Reach 2	331	PF 2	21.73	370.41	371.26	371.29	371.43	0.026312	1.85	11.71	50.41	1.23
River 2	Reach 2	179	PF 2	21.73	366.28	367.10	367.19	367.42	0.026143	2.50	8.69	23.58	1.32
River 2	Reach 2	170		Bridge									
River 2	Reach 2	166	PF 2	21.73	365.55	366.38	366.46	366.73	0.019780	2.61	8.33	17.26	1.20
River 2	Reach 2	94	PF 2	21.73	363.22	363.80	364.01	364.48	0.053352	3.66	5.94	15.68	1.90
River 2	Reach 2	70		Culvert									
River 2	Reach 2	56	PF 2	21.73	362.36	363.63	363.63	363.77	0.017102	1.67	13.00	47.21	1.02
River 2	Reach 2	13	PF 2	21.73	362.03	362.42	362.49	362.65	0.044423	2.10	10.33	54.59	1.54
River 1	Reach 1	1293	PF 2	10.97	360.76	361.43	361.43	361.56	0.017245	1.61	6.80	26.27	1.01
River 1	Reach 1	1212	PF 2	10.97	359.51	360.06	360.06	360.18	0.017758	1.50	7.31	32.19	1.01
River 1	Reach 1	1136	PF 2	10.97	358.40	358.83	358.83	358.93	0.019664	1.38	7.95	42.97	1.02
River 1	Reach 1	1050	PF 2	10.97	357.44	357.71	357.71	357.80	0.019568	1.31	8.34	48.30	1.01
River 1	Reach 1	952	PF 2	10.97	355.79	356.24	356.24	356.35	0.018686	1.46	7.49	35.60	1.02
River 1	Reach 1	850	PF 2	10.97	354.21	354.60	354.60	354.75	0.016454	1.70	6.47	22.43	1.01
River 1	Reach 1	772	PF 2	10.97	352.64	353.60	353.60	353.83	0.014695	2.14	5.13	11.38	1.02
River 1	Reach 1	686	PF 2	10.97	351.11	351.98	352.03	352.18	0.025858	1.96	5.59	21.74	1.24
River 1	Reach 1	624	PF 2	10.97	349.78	350.47	350.51	350.70	0.021663	2.15	5.11	15.24	1.18
River 1	Reach 1	588	PF 2	10.97	349.33	349.89	349.89	350.05	0.016103	1.77	6.21	19.89	1.01
River 1	Reach 1	539	PF 2	10.97	347.85	348.69	348.83	349.04	0.026246	2.62	4.19	10.65	1.33
River 1	Reach 1	472	PF 2	10.97	347.04	347.41	347.41	347.51	0.019153	1.37	7.98	42.51	1.01
River 1	Reach 1	417	PF 2	10.97	345.96	346.35	346.36	346.46	0.023875	1.48	7.41	41.68	1.12
River 1	Reach 1	361	PF 2	10.97	345.18	345.47	345.47	345.57	0.018862	1.39	7.91	41.13	1.01
River 1	Reach 1	293	PF 2	10.97	343.76	344.51	344.51	344.61	0.018723	1.38	7.92	40.89	1.00
River 1	Reach 1	244	PF 2	10.97	343.46	343.95	343.95	344.06	0.017636	1.44	7.64	35.82	0.99
River 1	Reach 1	180	PF 2	10.97	342.19	342.62	342.64	342.75	0.023382	1.65	6.66	31.44	1.14
River 1	Reach 1	140	PF 2	10.97	341.54	341.91	341.91	342.04	0.017552	1.56	7.03	28.95	1.01
River 1	Reach 1	81	PF 2	10.97	340.09	340.68	340.71	340.87	0.022307	1.93	5.68	20.30	1.17
River 1	Reach 1	17	PF 2	10.97	336.99	338.14	338.40	338.93	0.040170	3.93	2.79	4.84	1.65

Tabella 2: DATI TABELLARI Q_{200 anni} - river 1 e 2

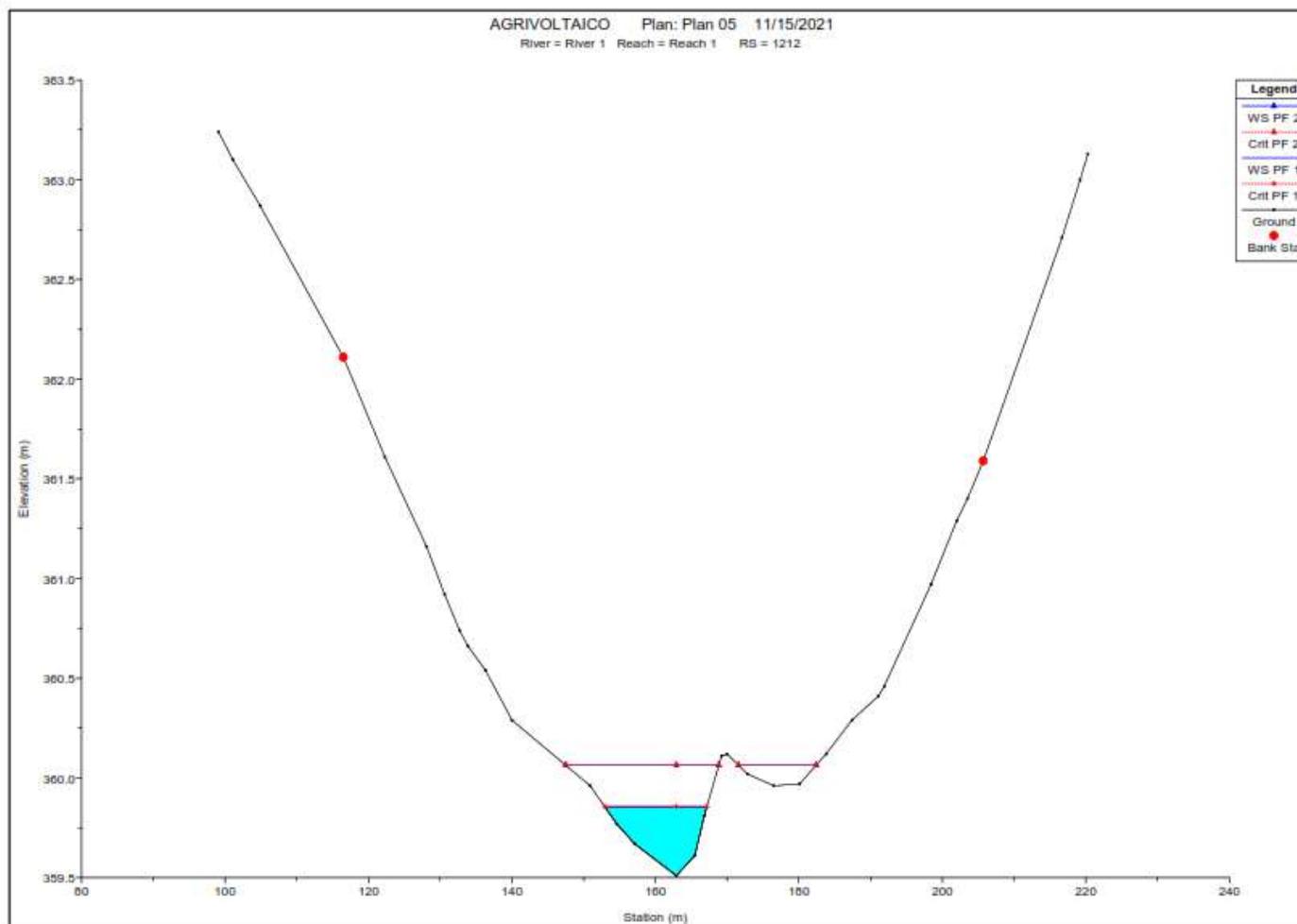
RELAZIONE IDROLOGICA - Appendice B

Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



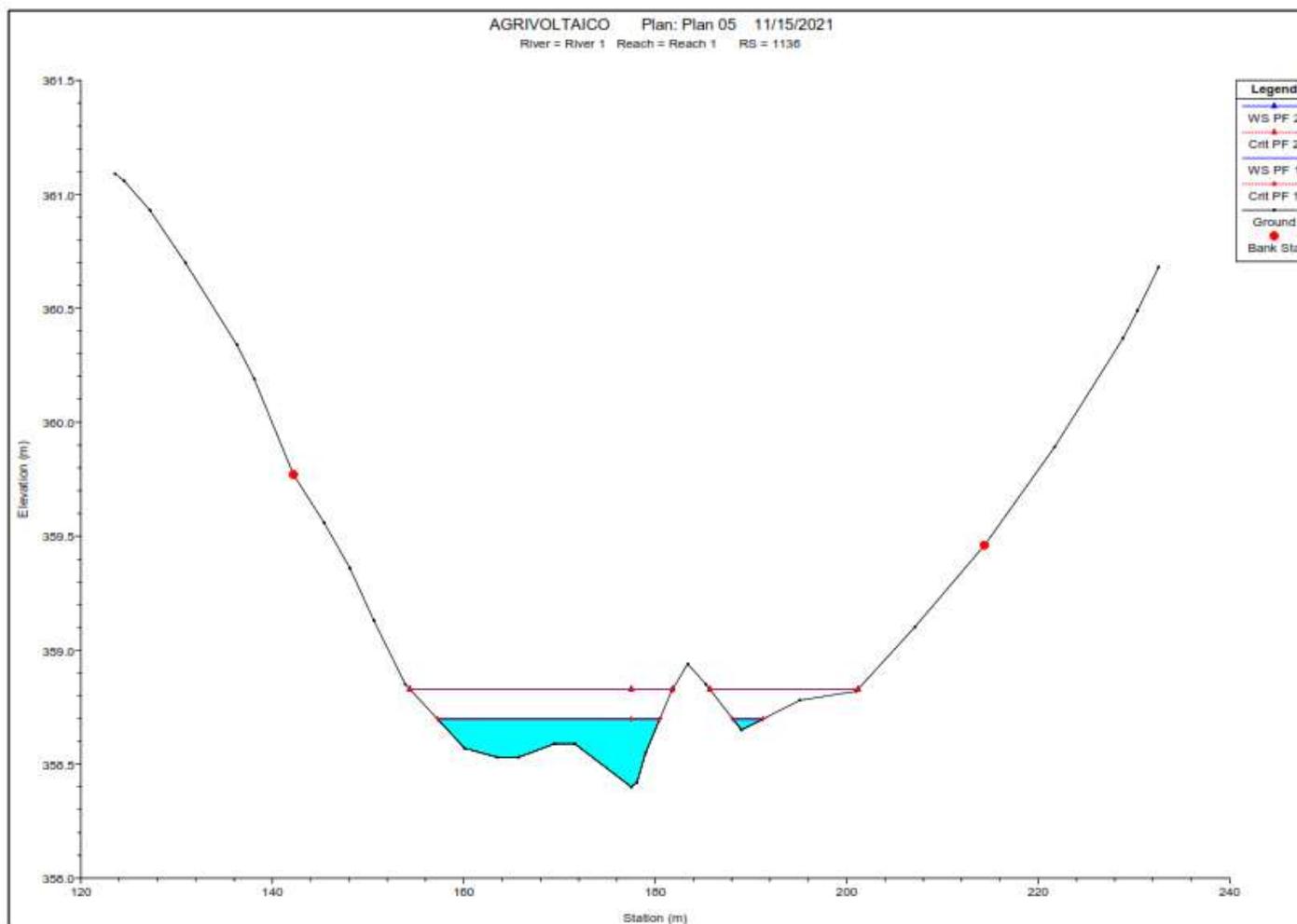
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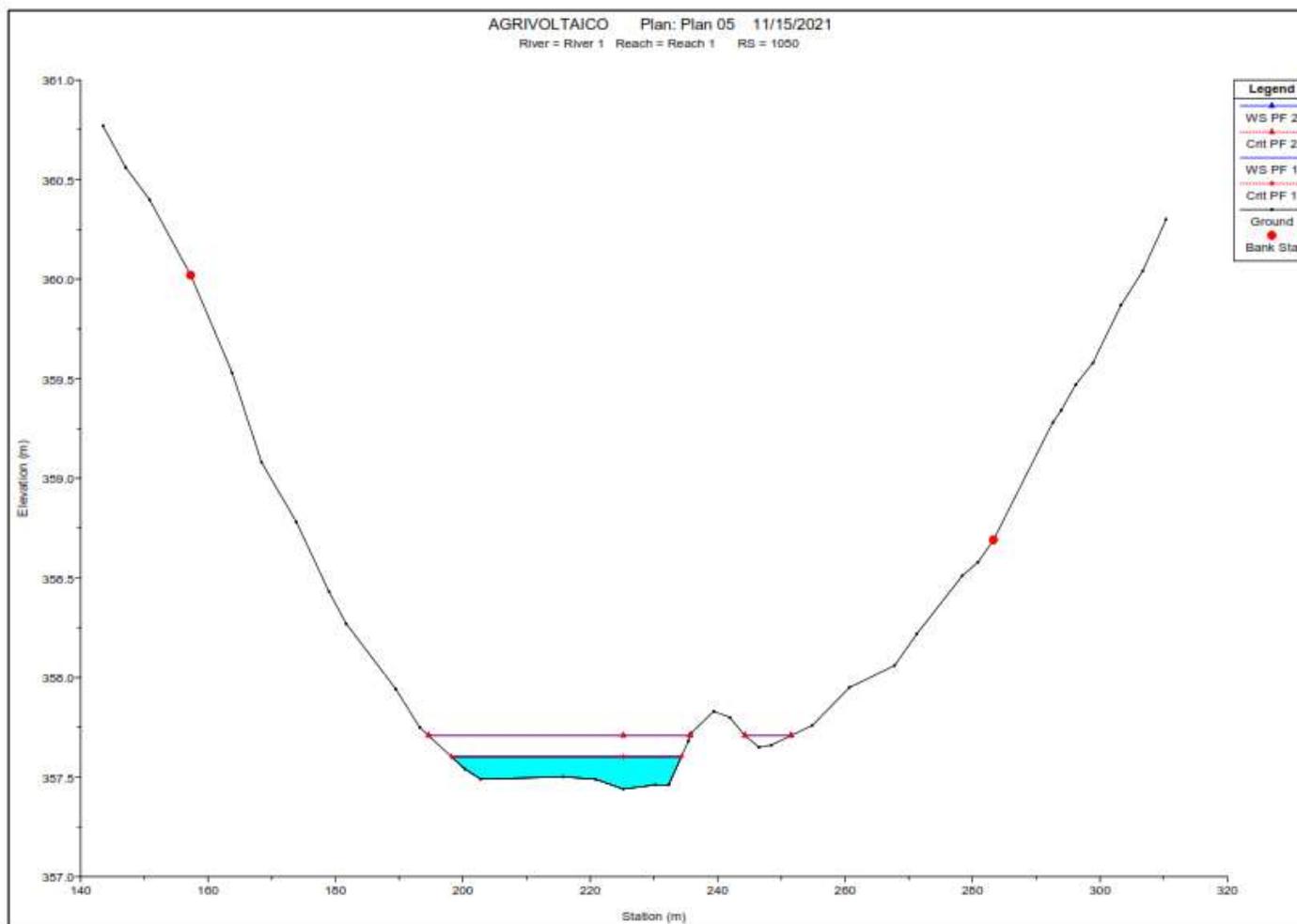
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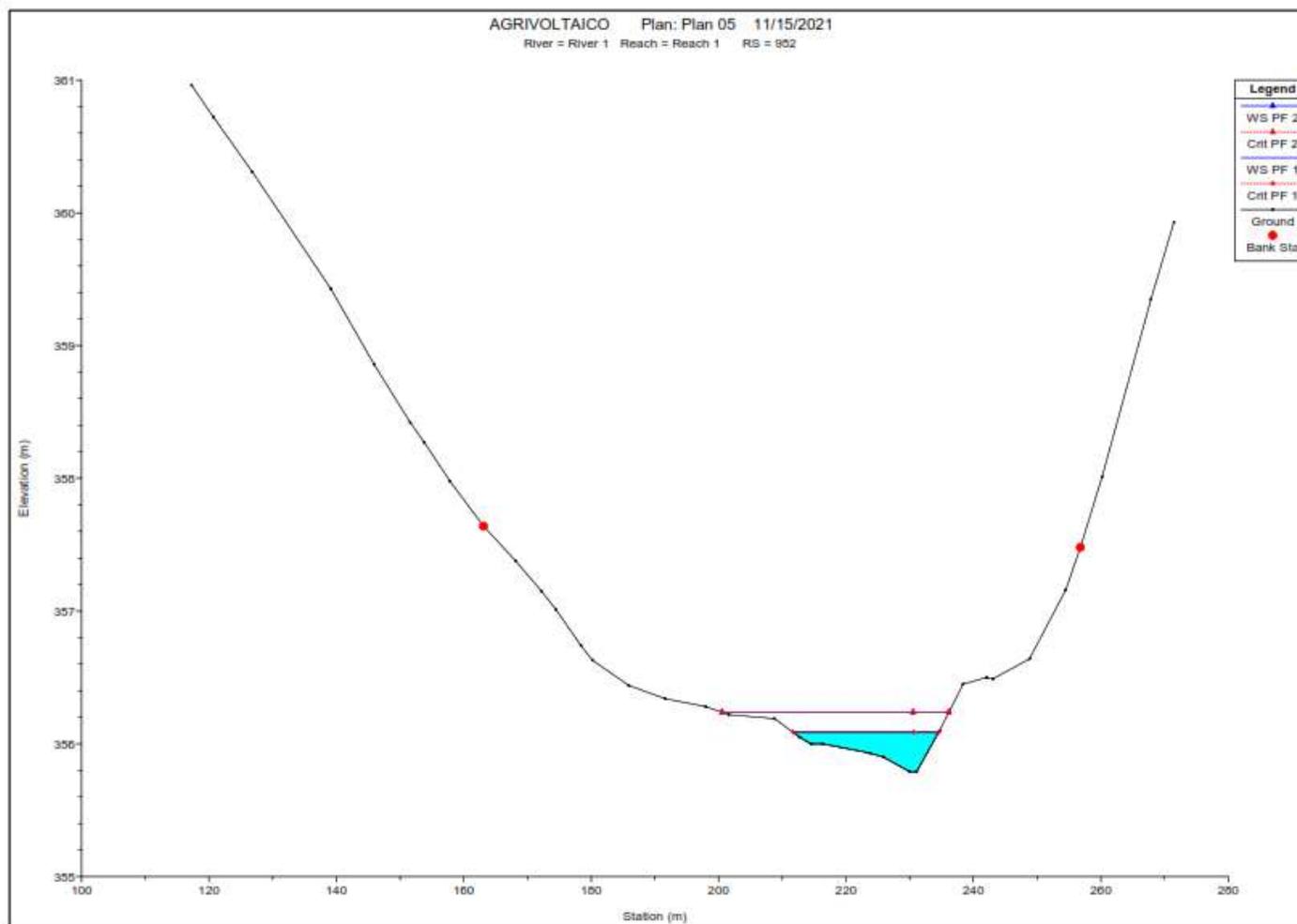
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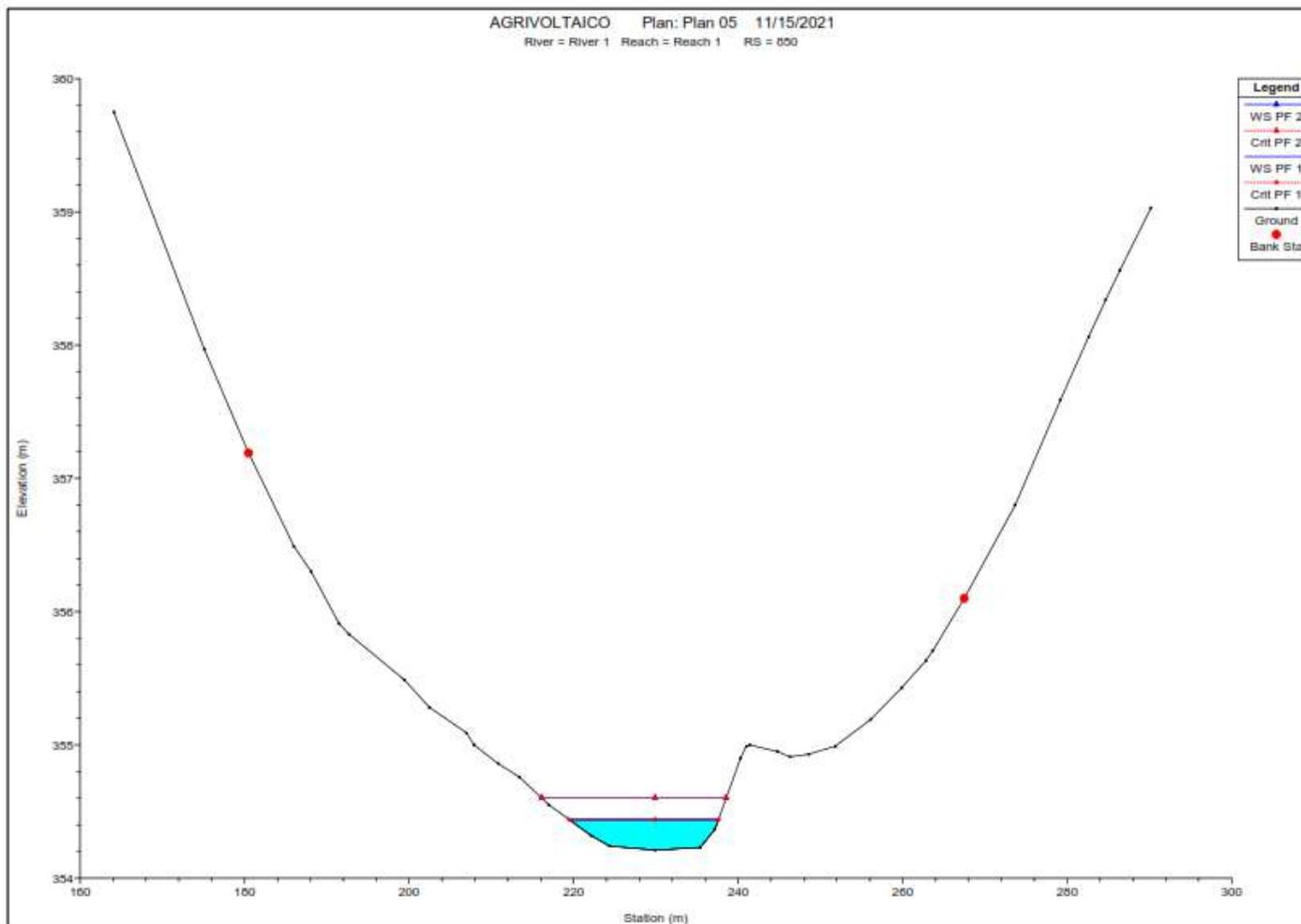
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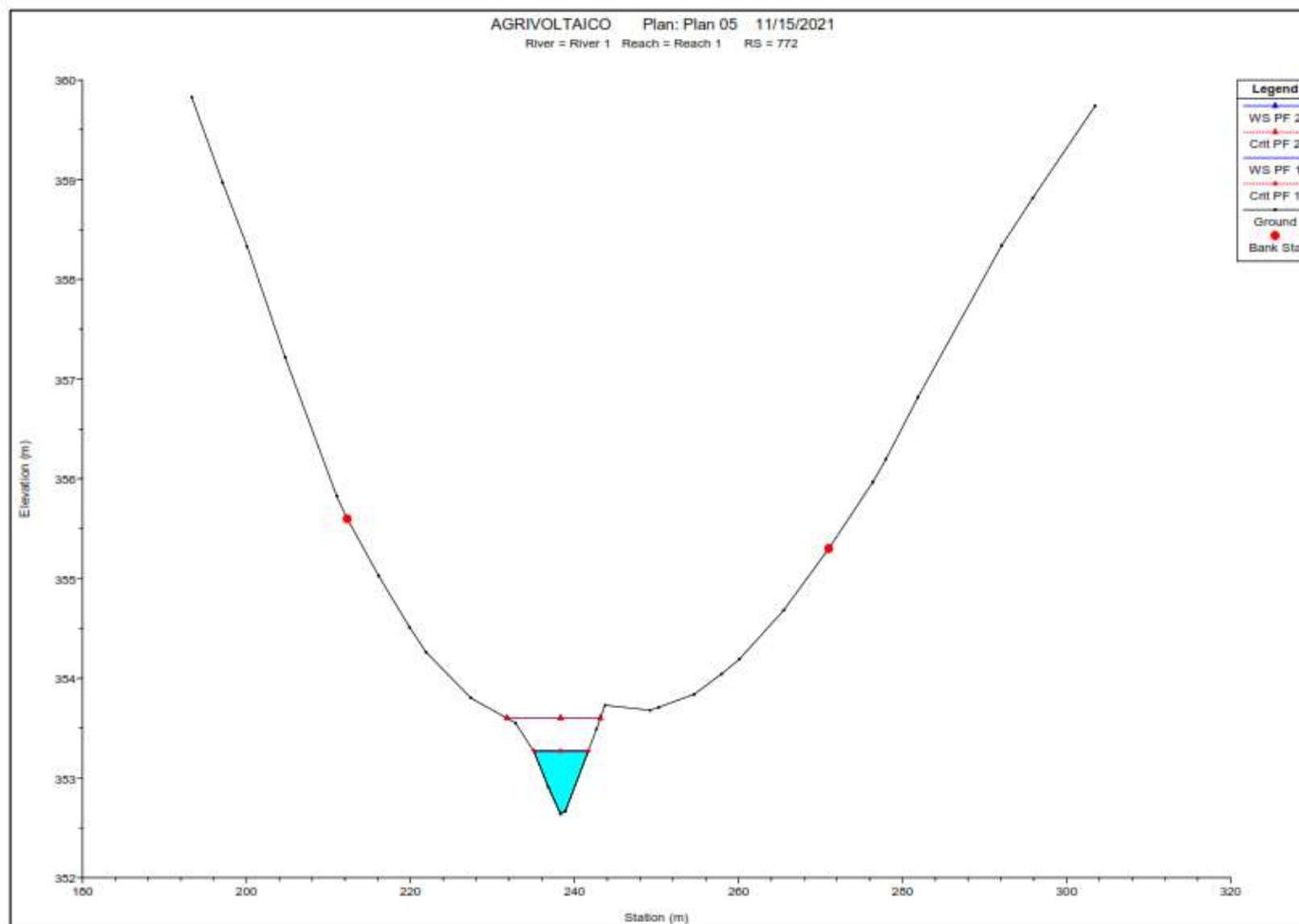
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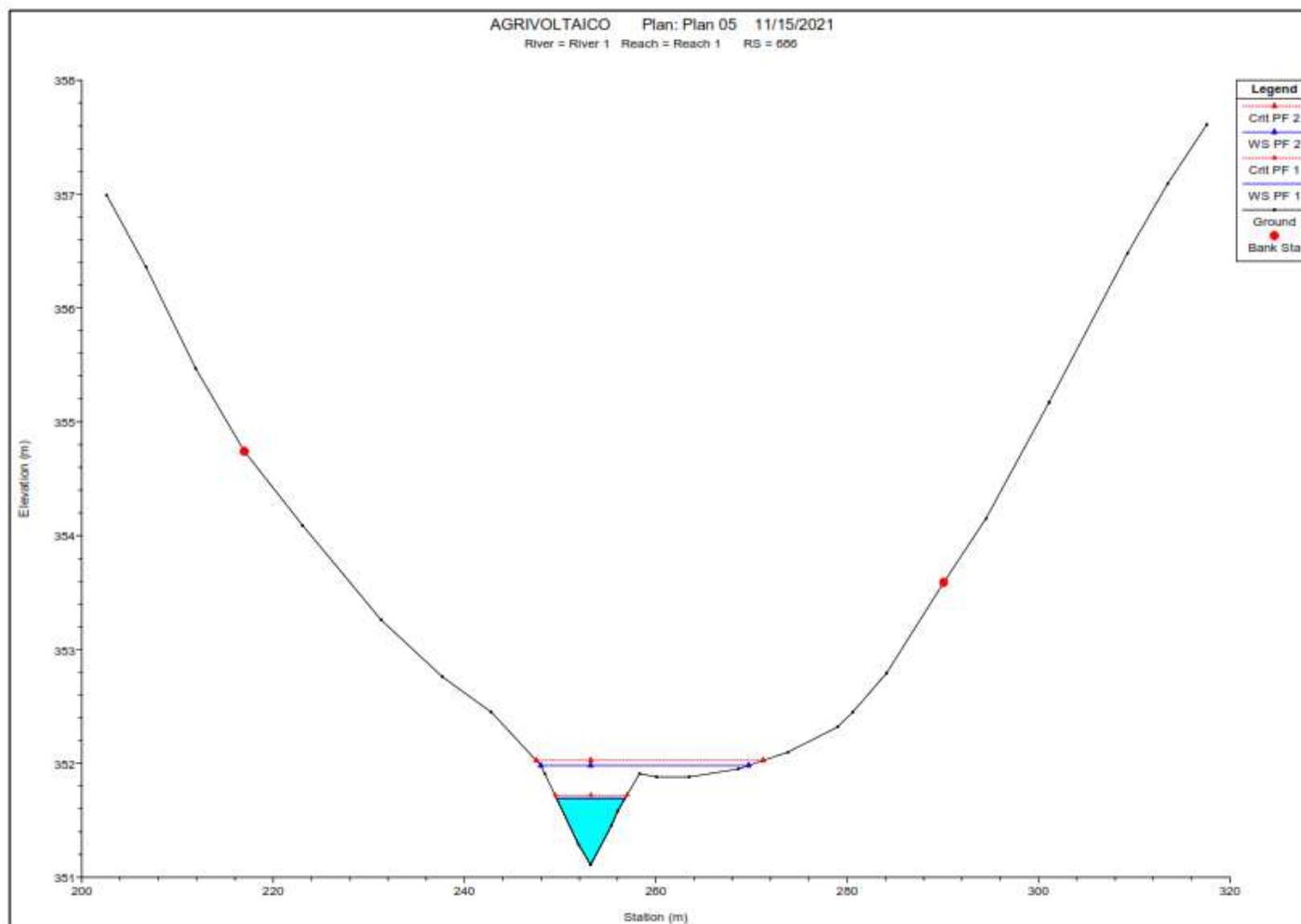
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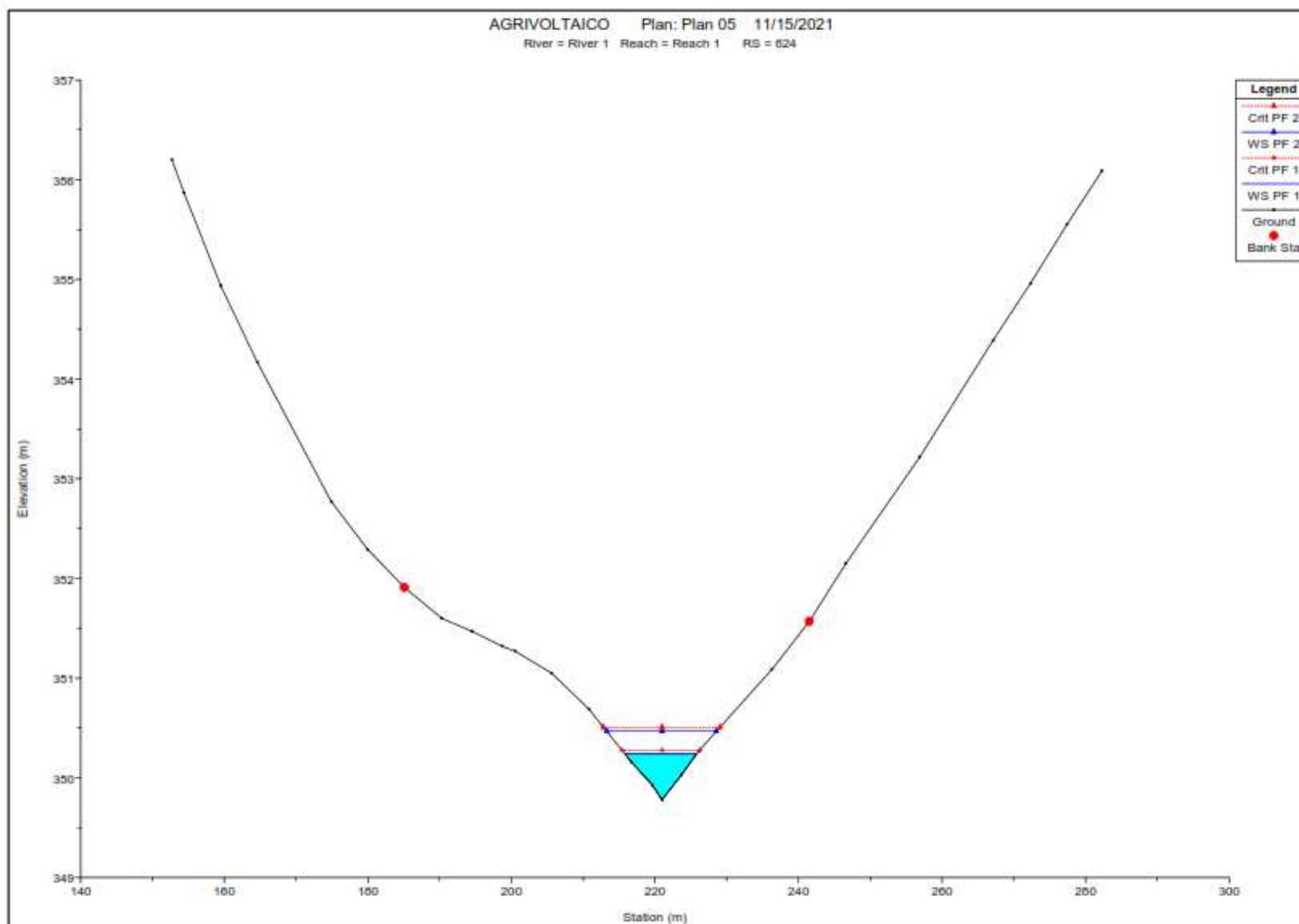
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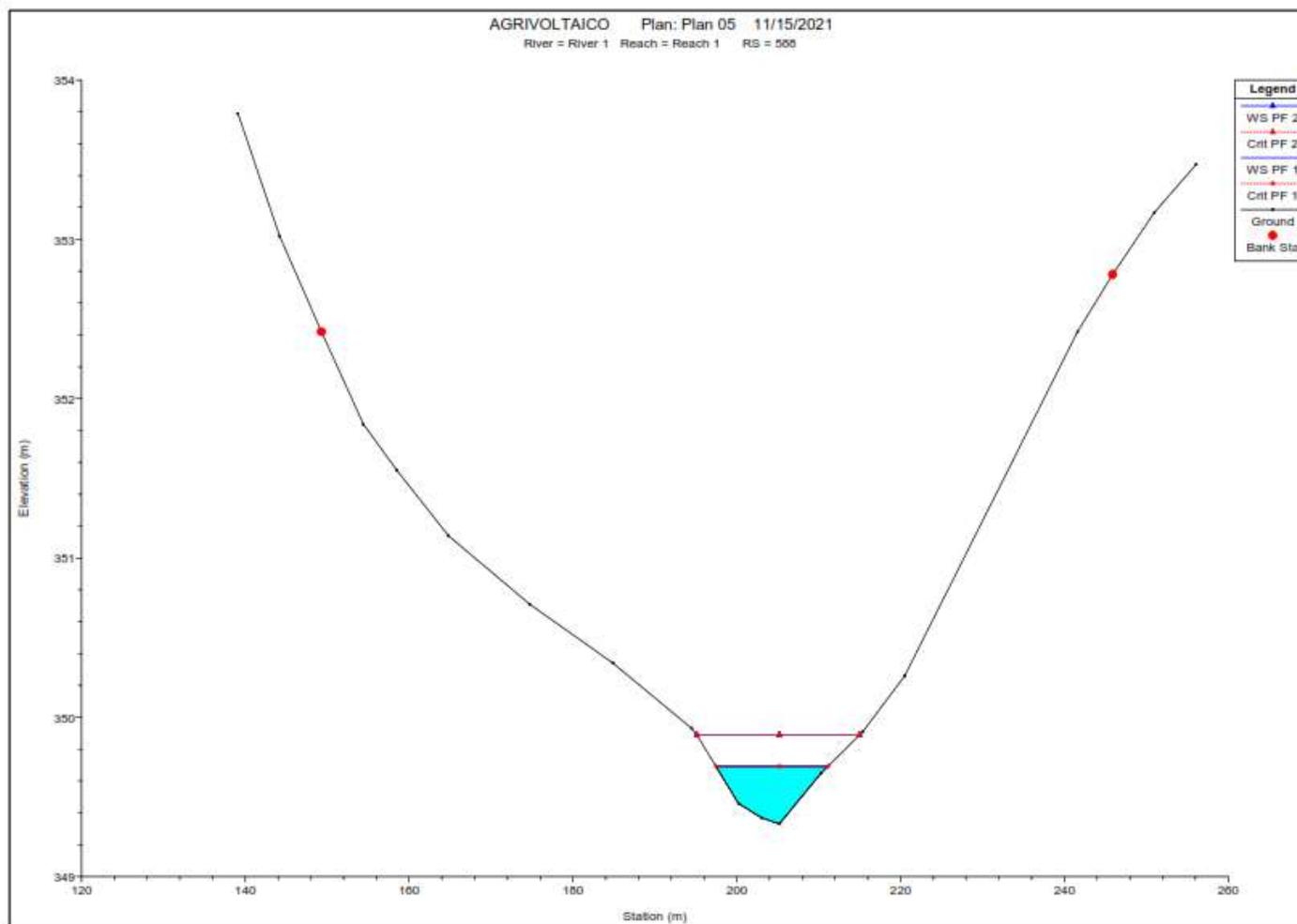
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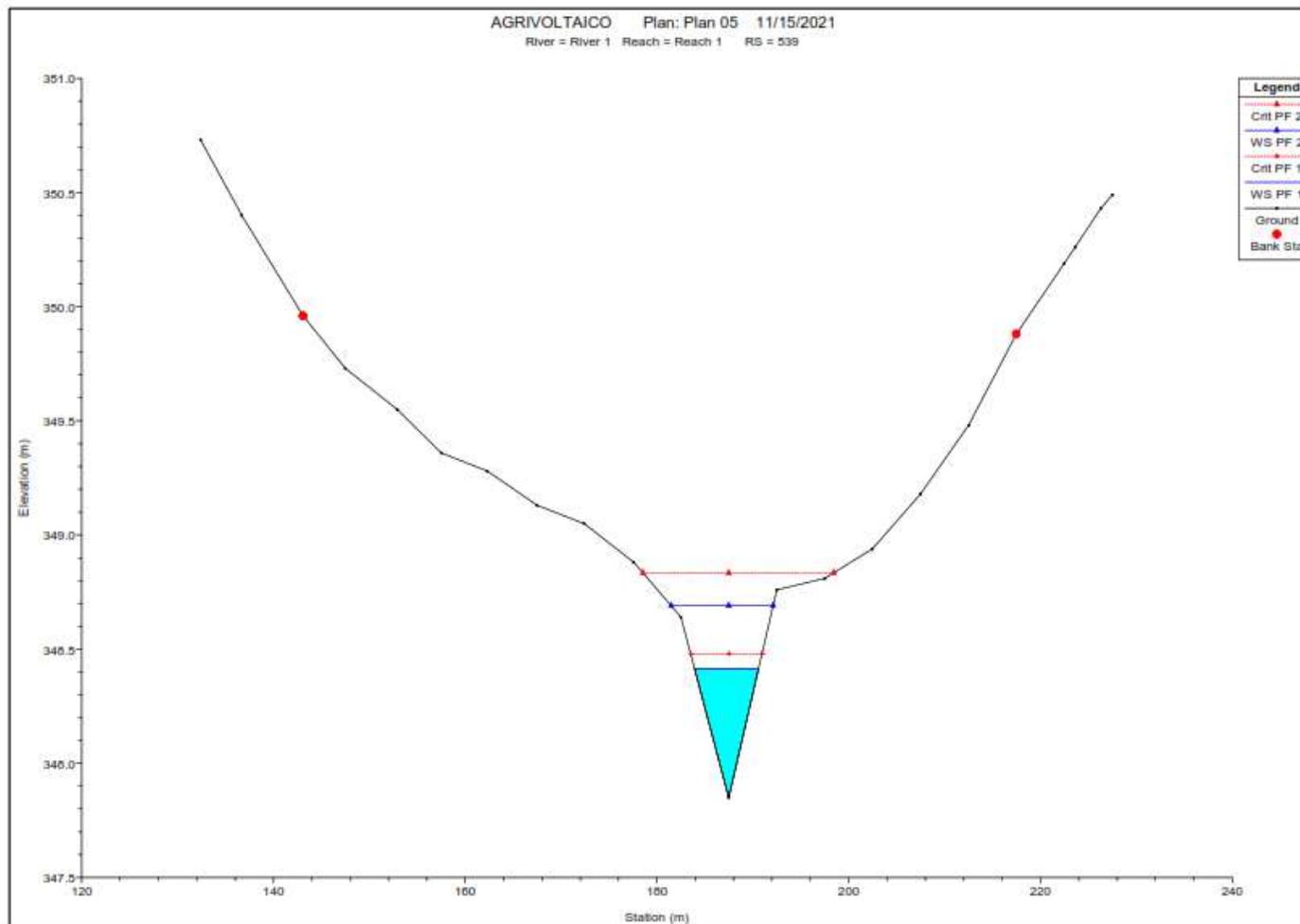
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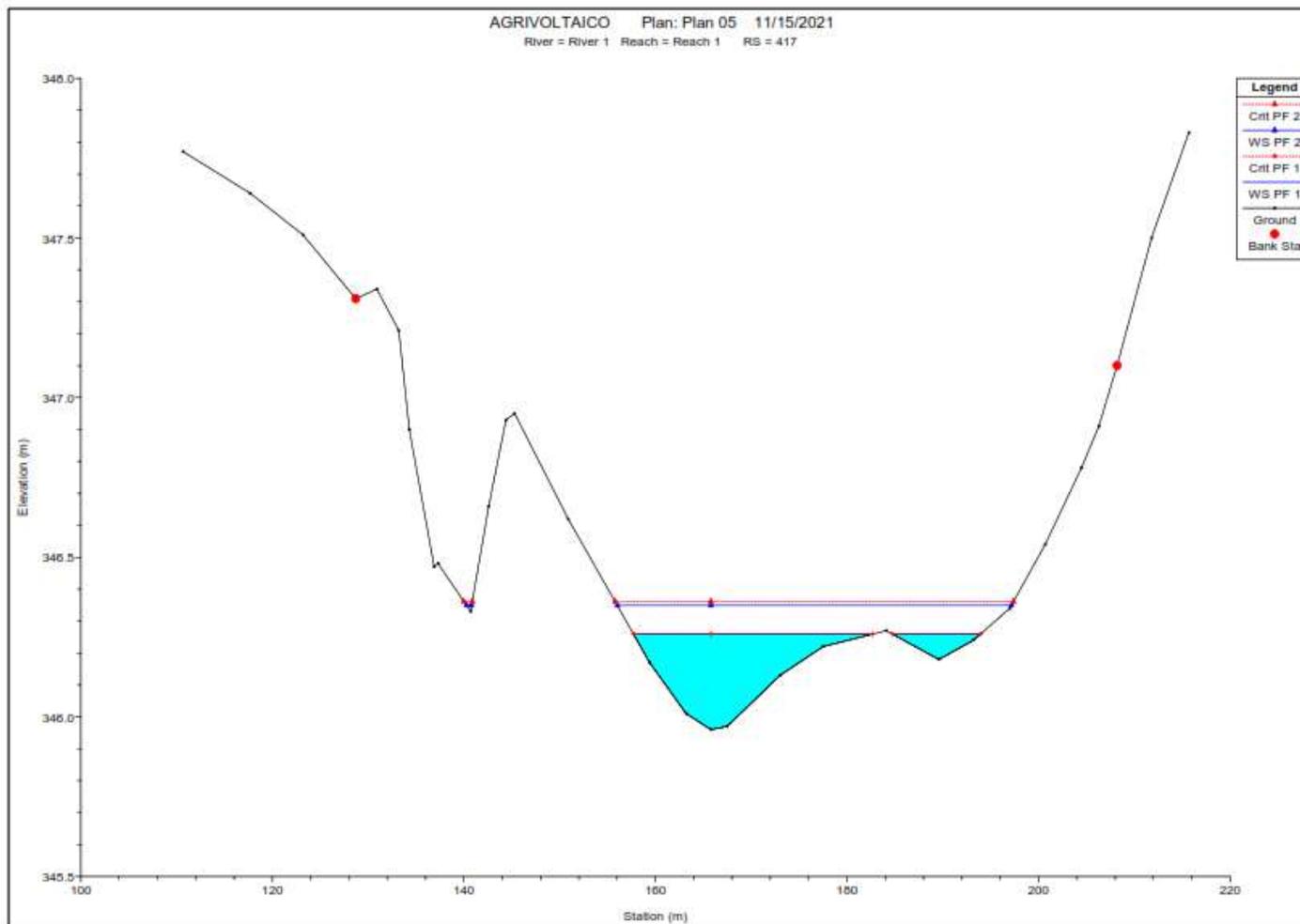
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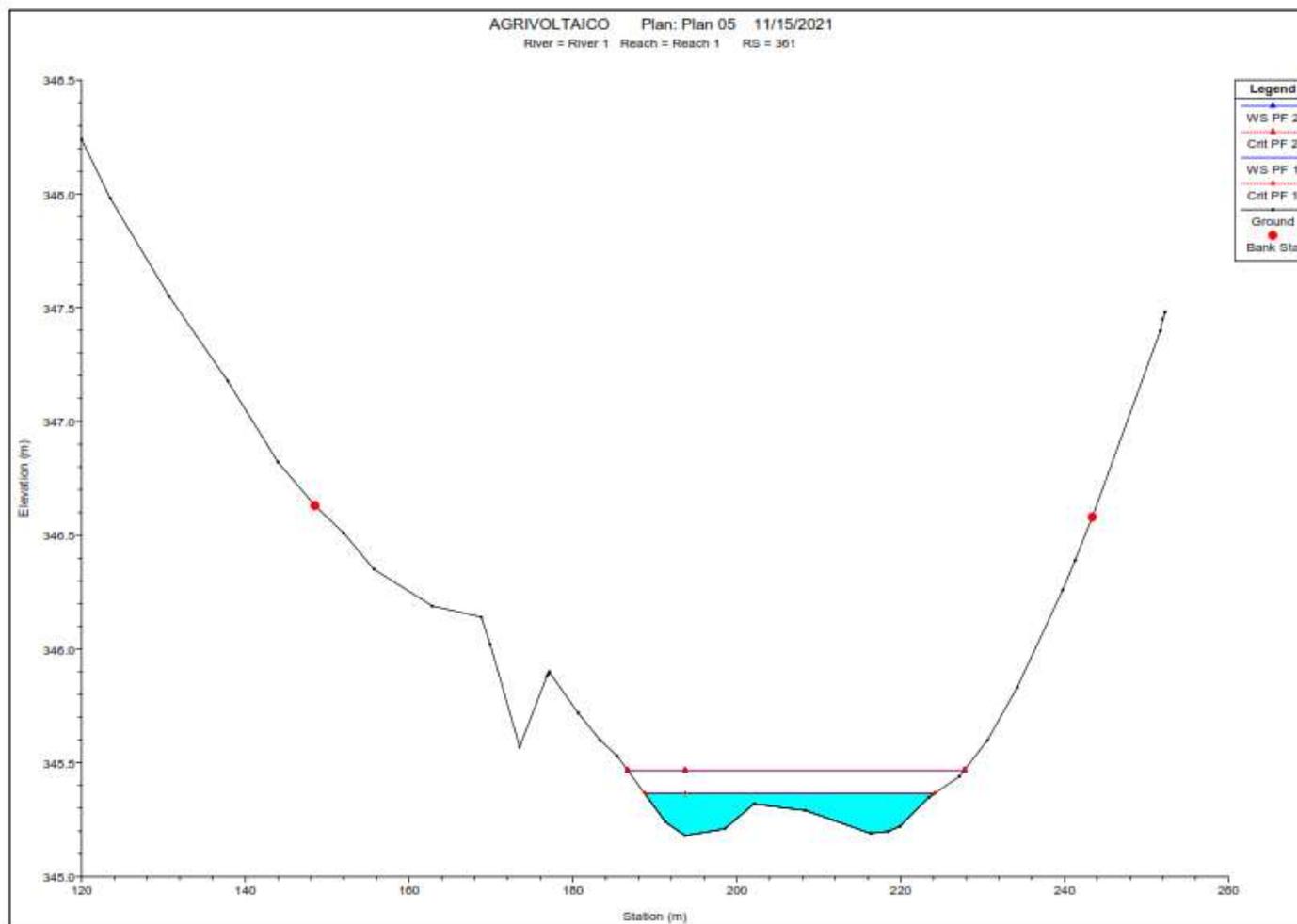
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



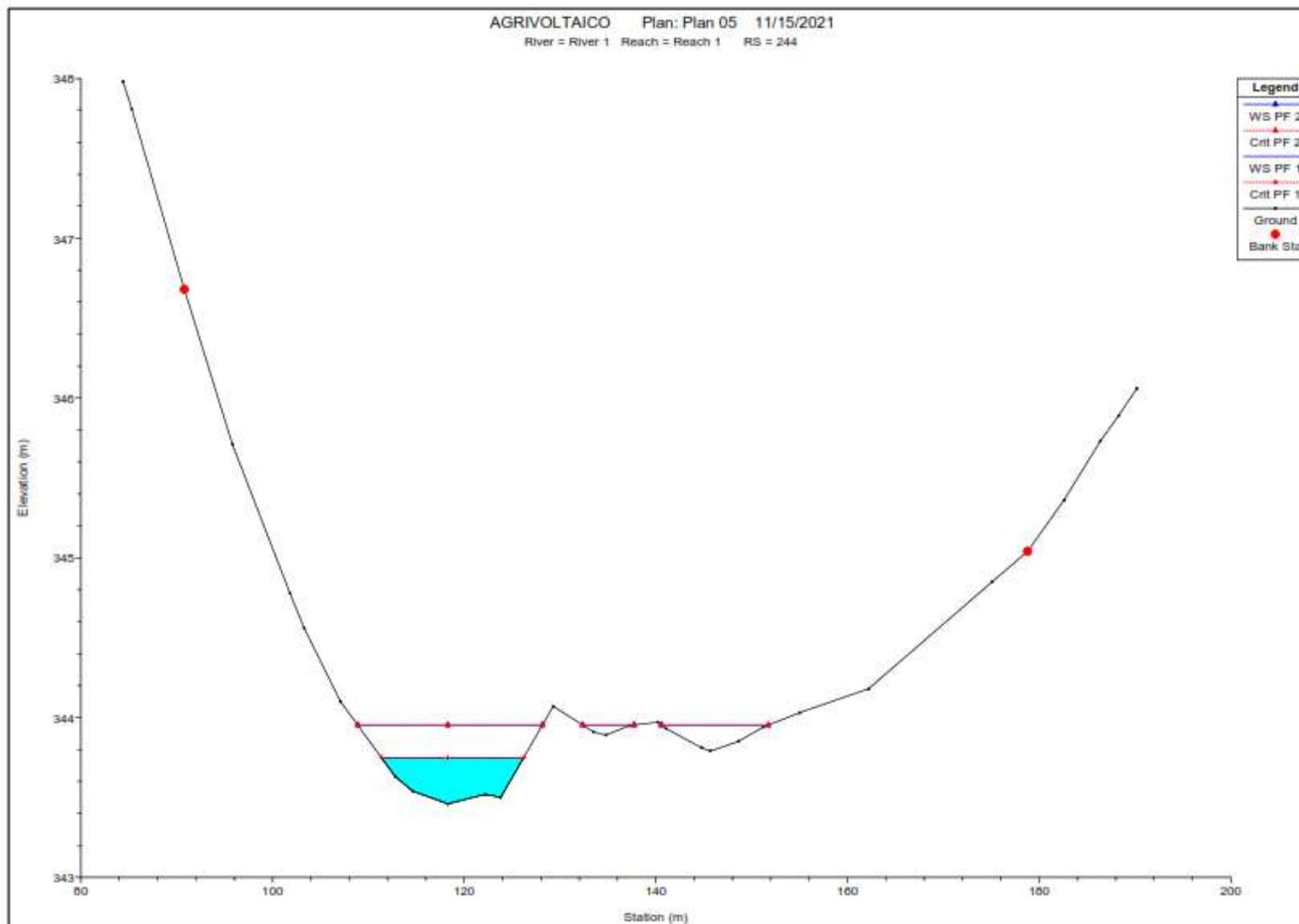
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



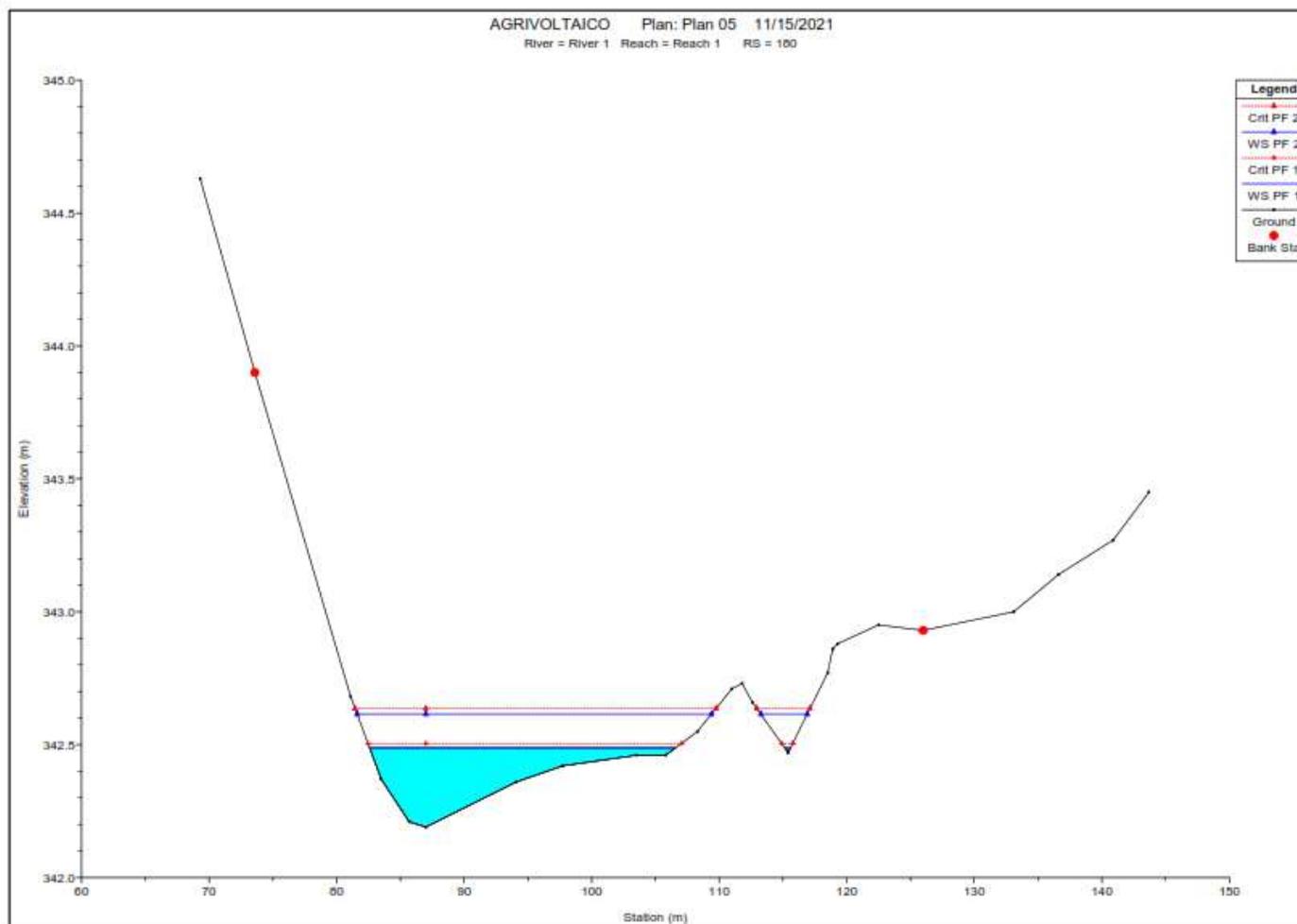
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



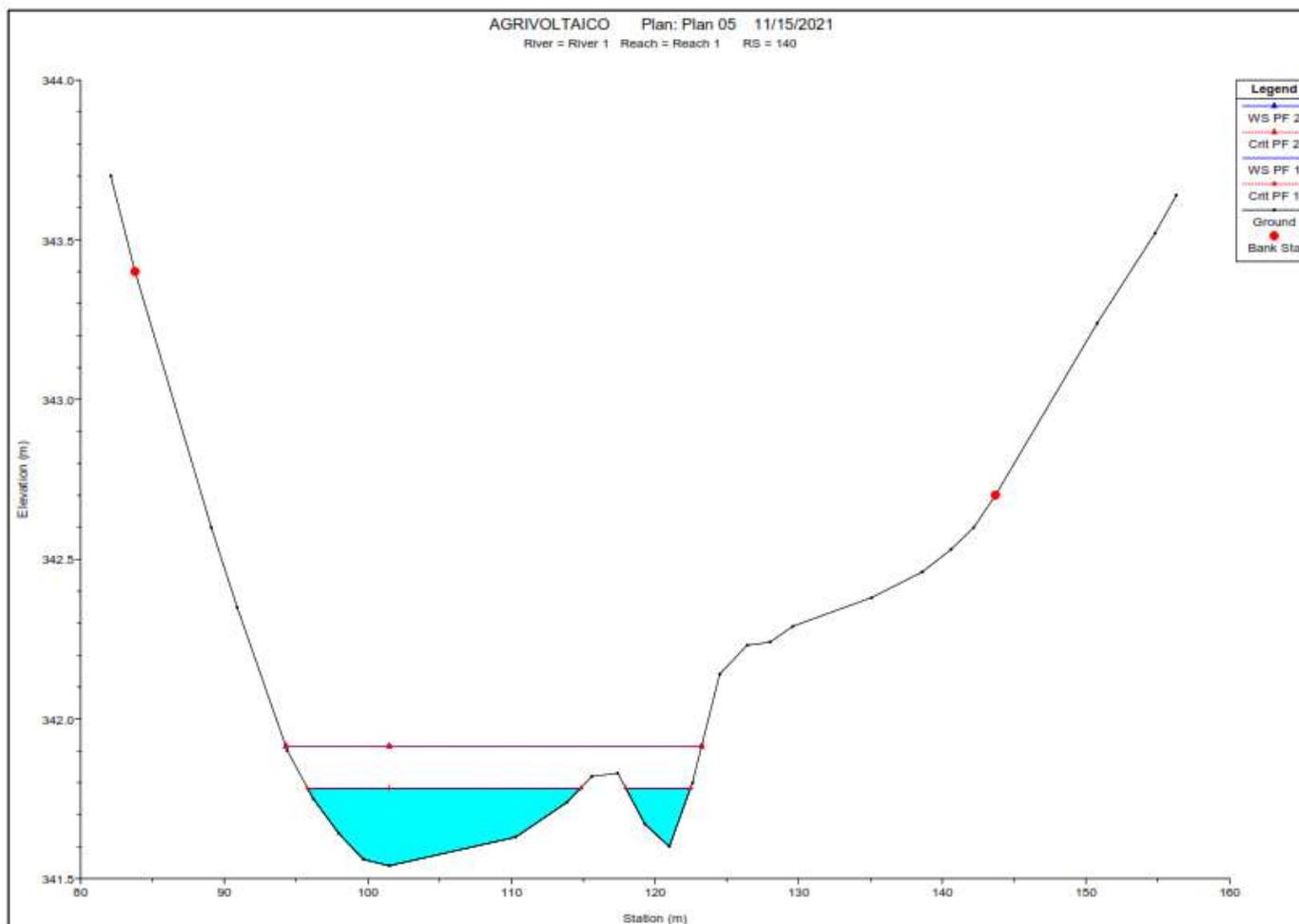
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



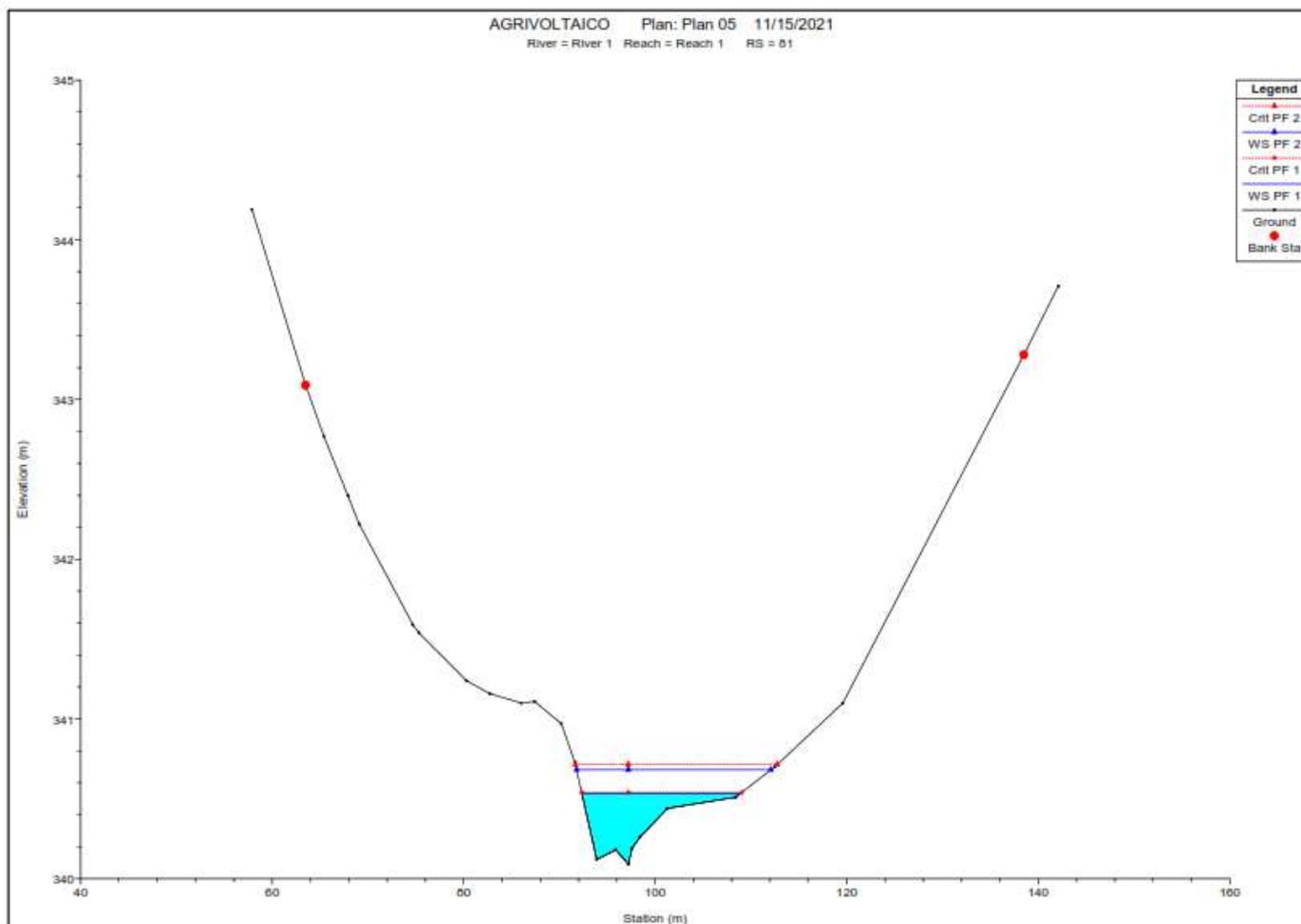
RELAZIONE IDROLOGICA - Appendice B

Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



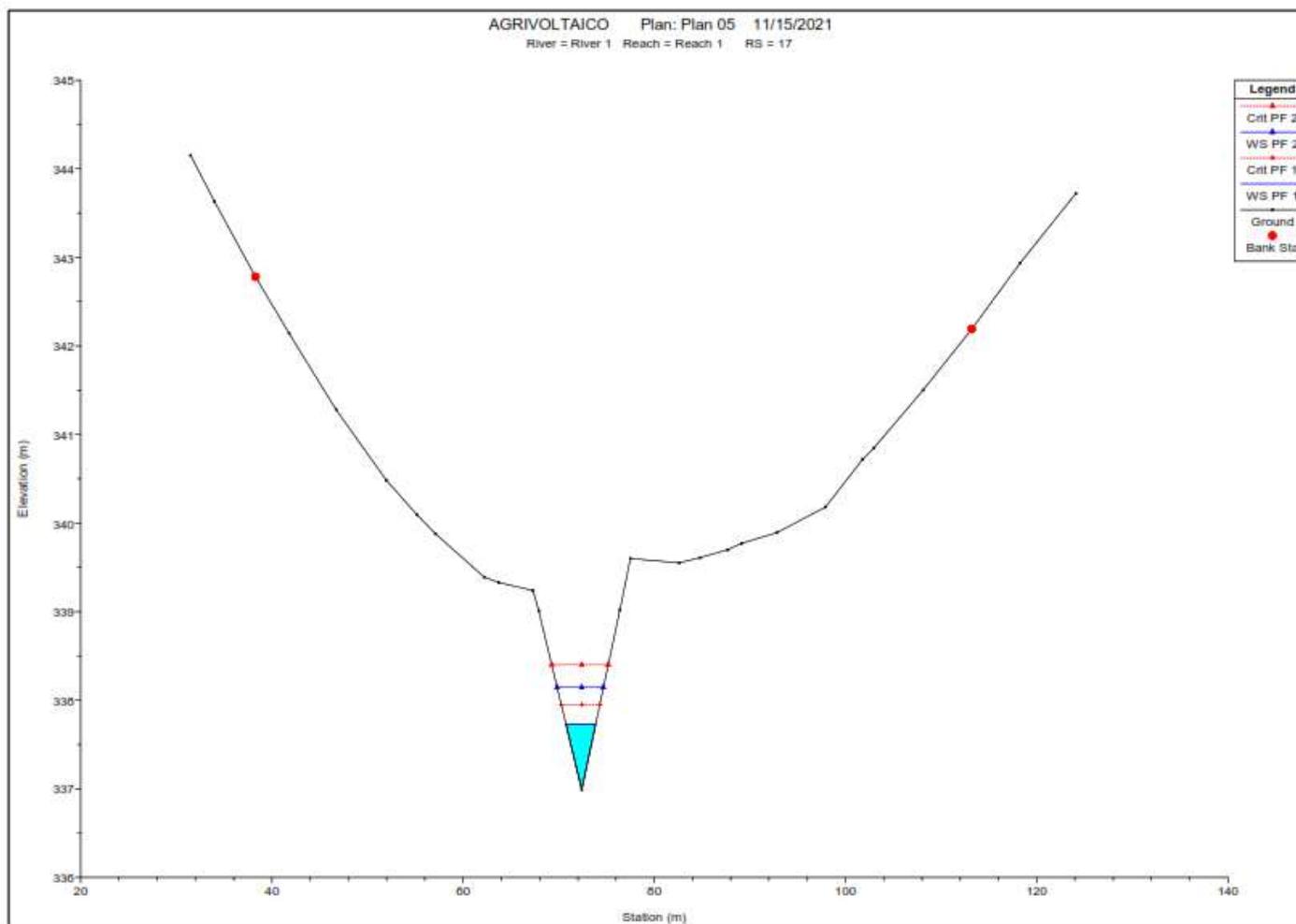
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



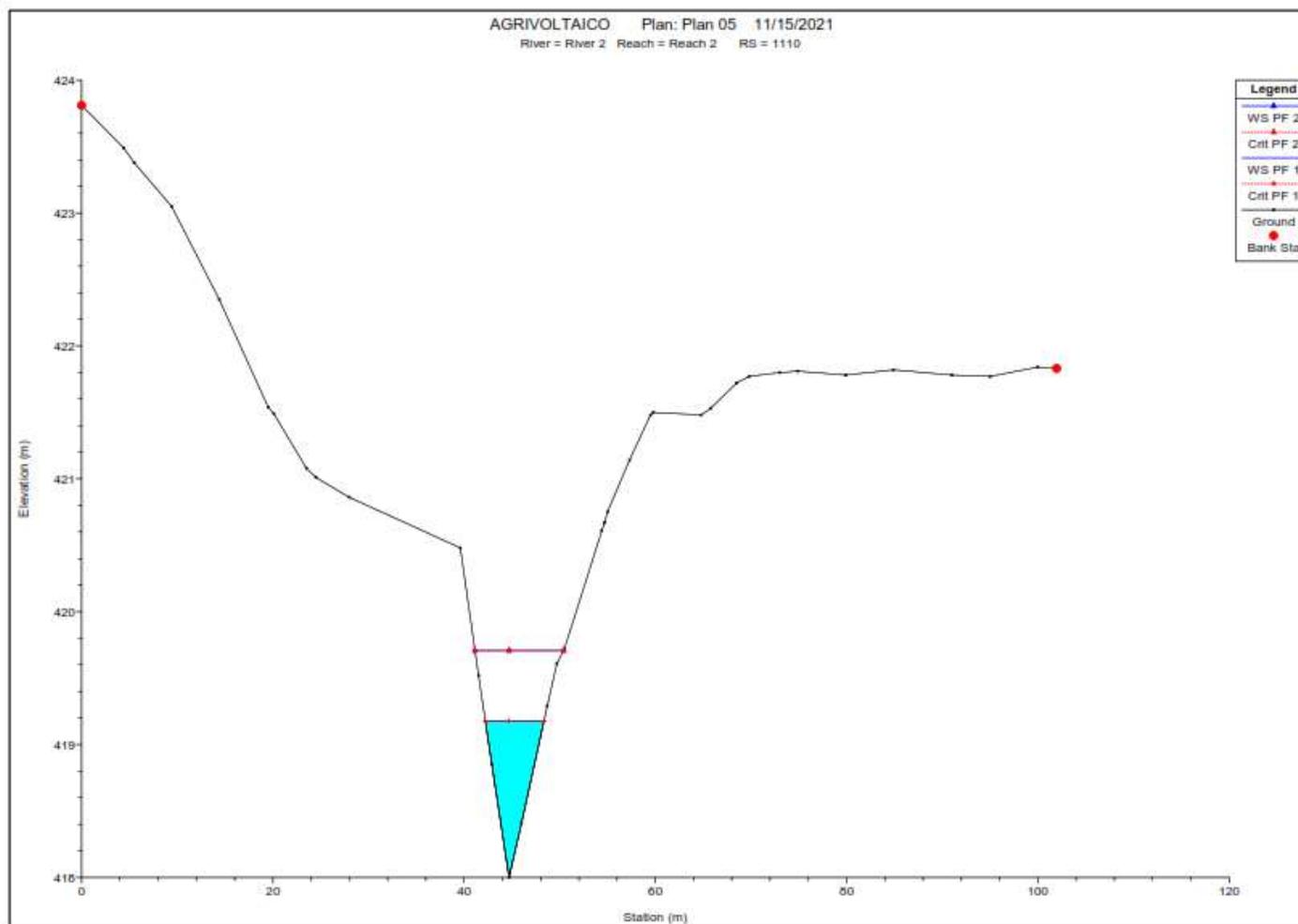
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



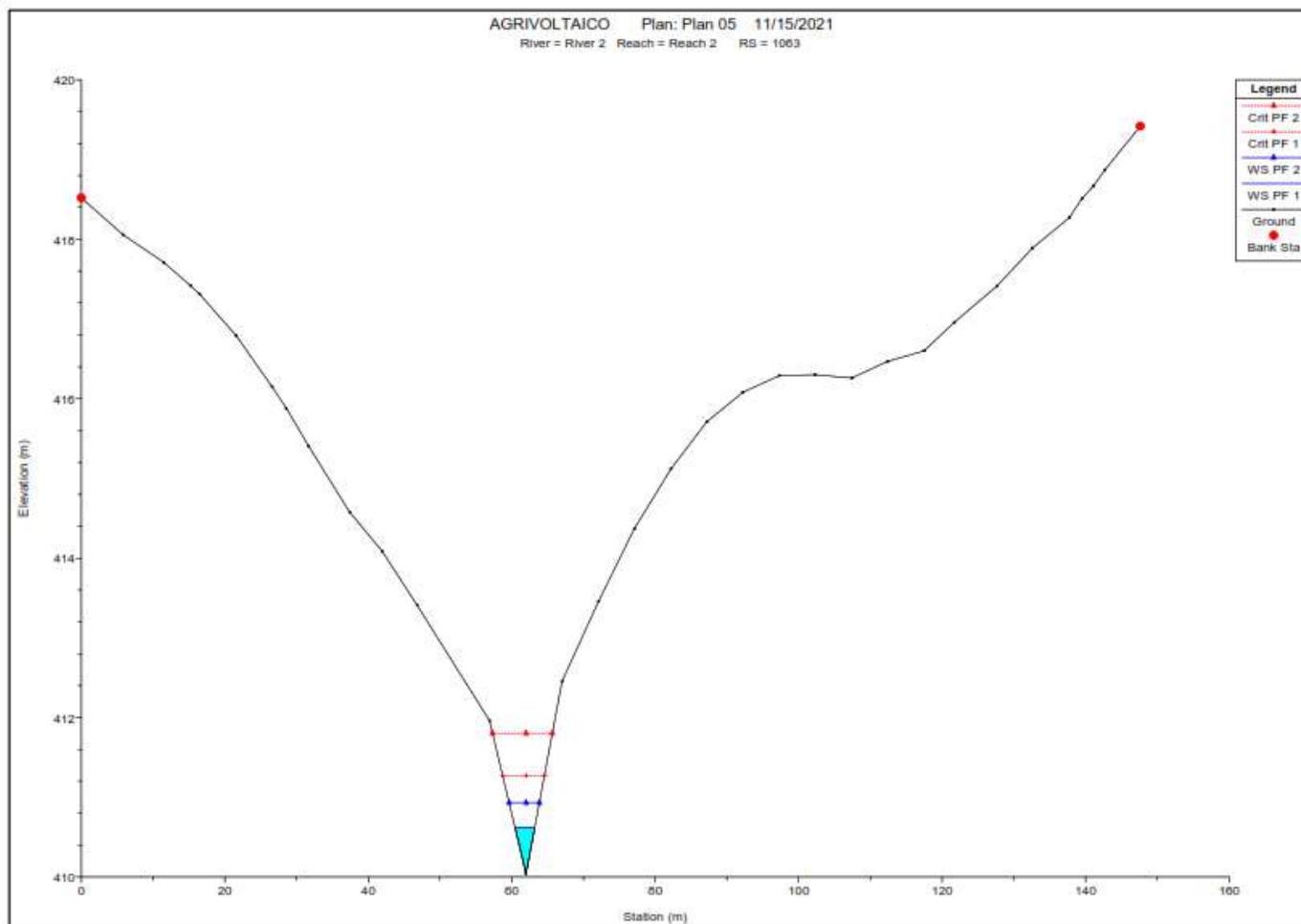
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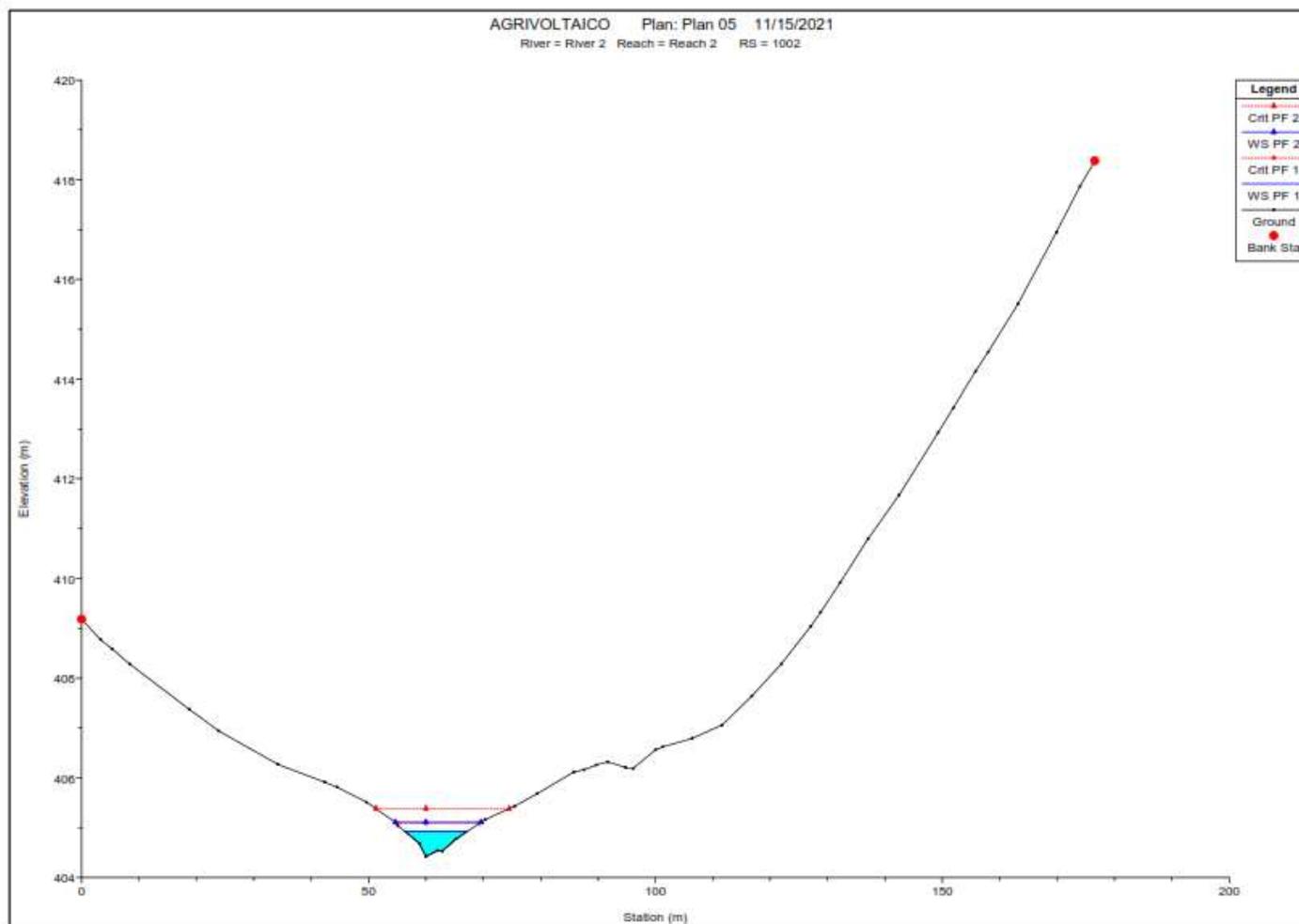
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



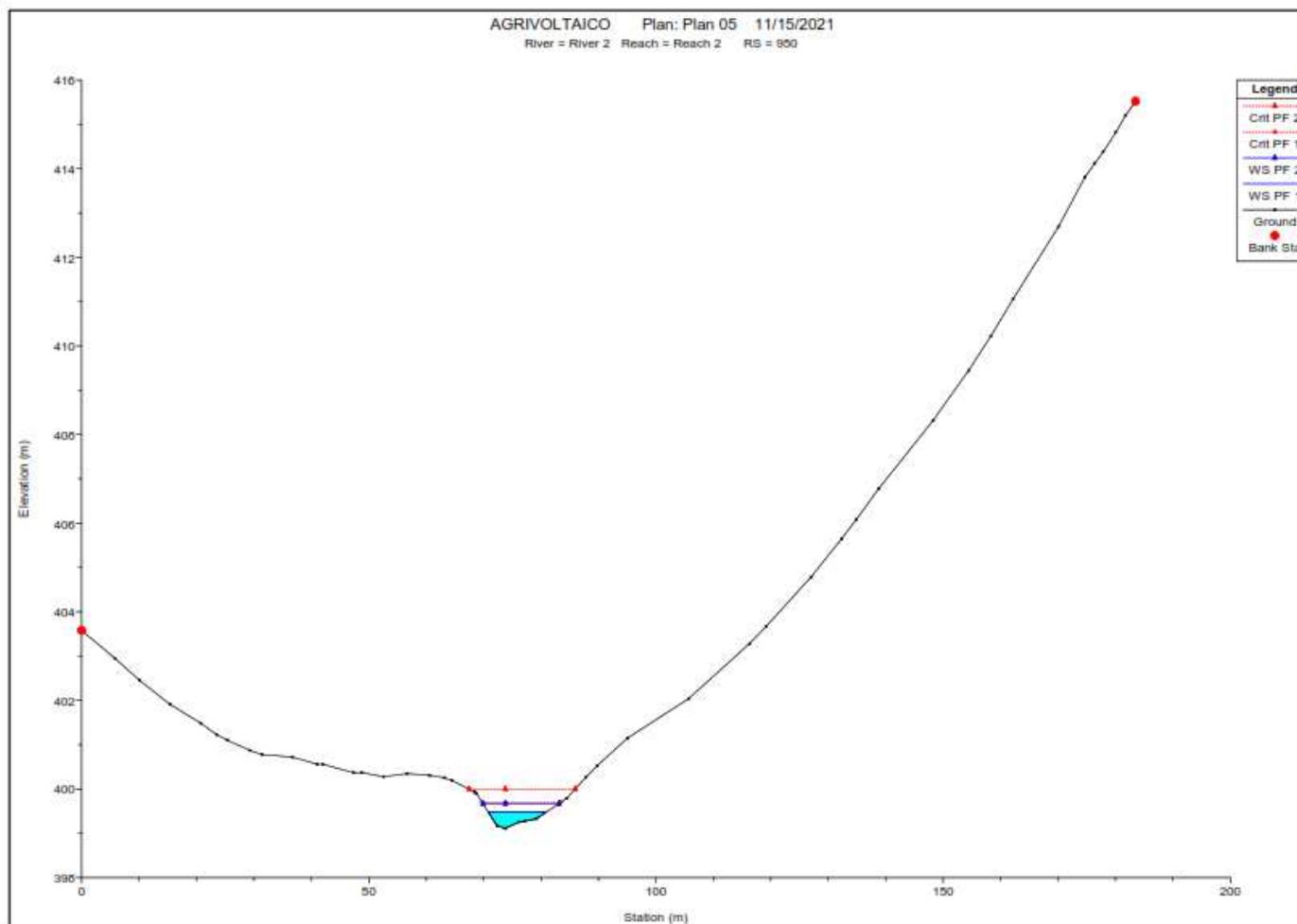
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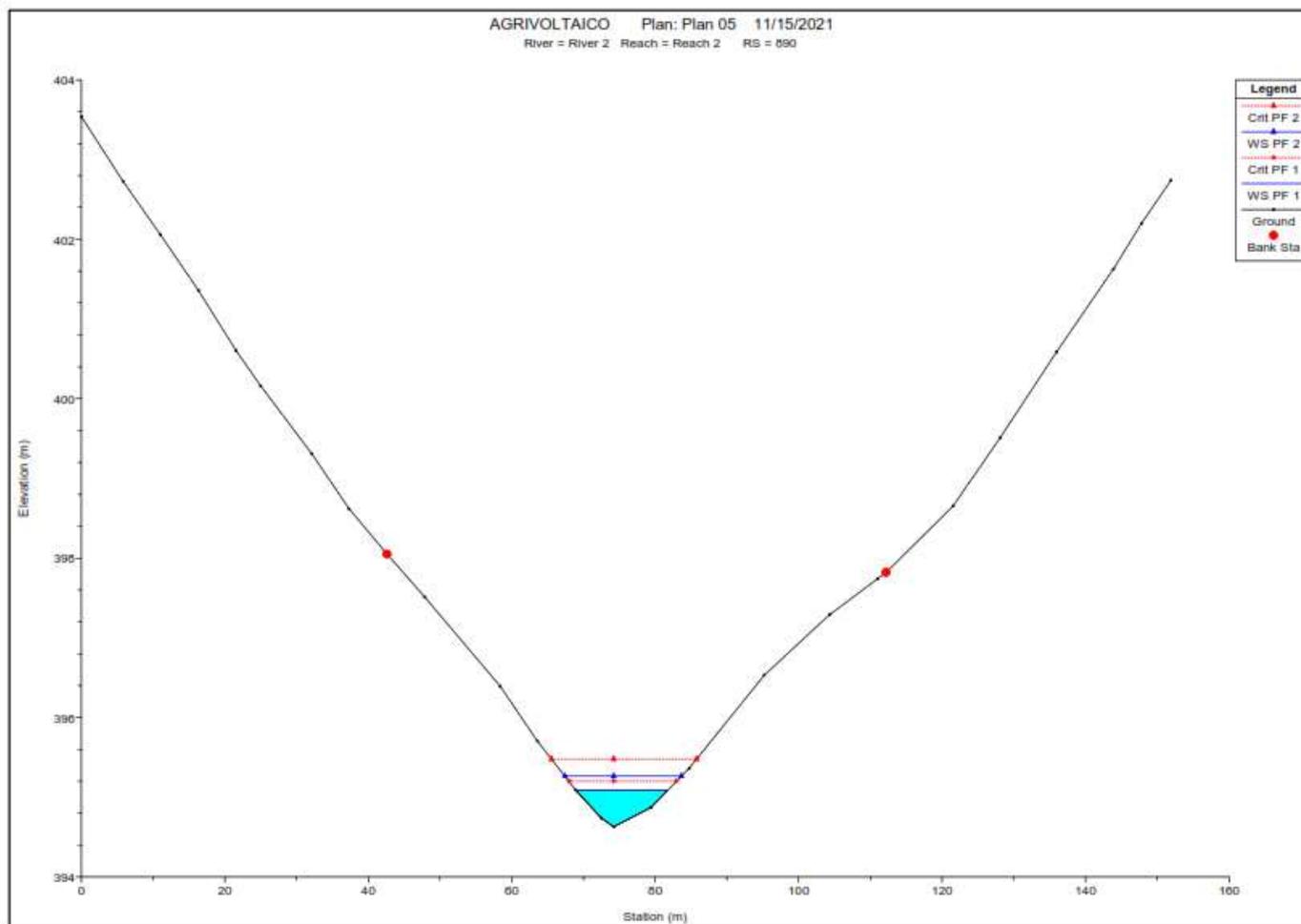
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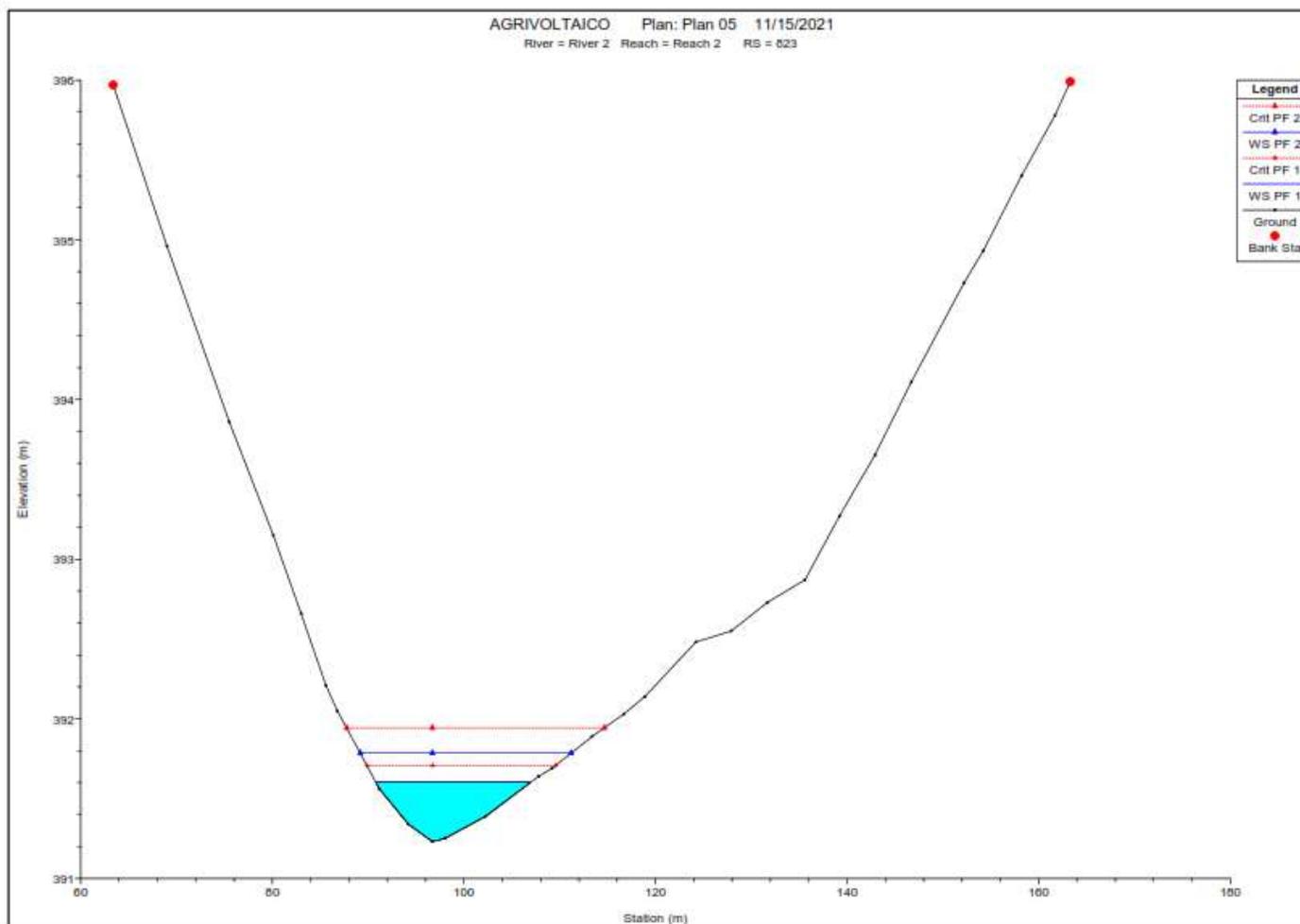
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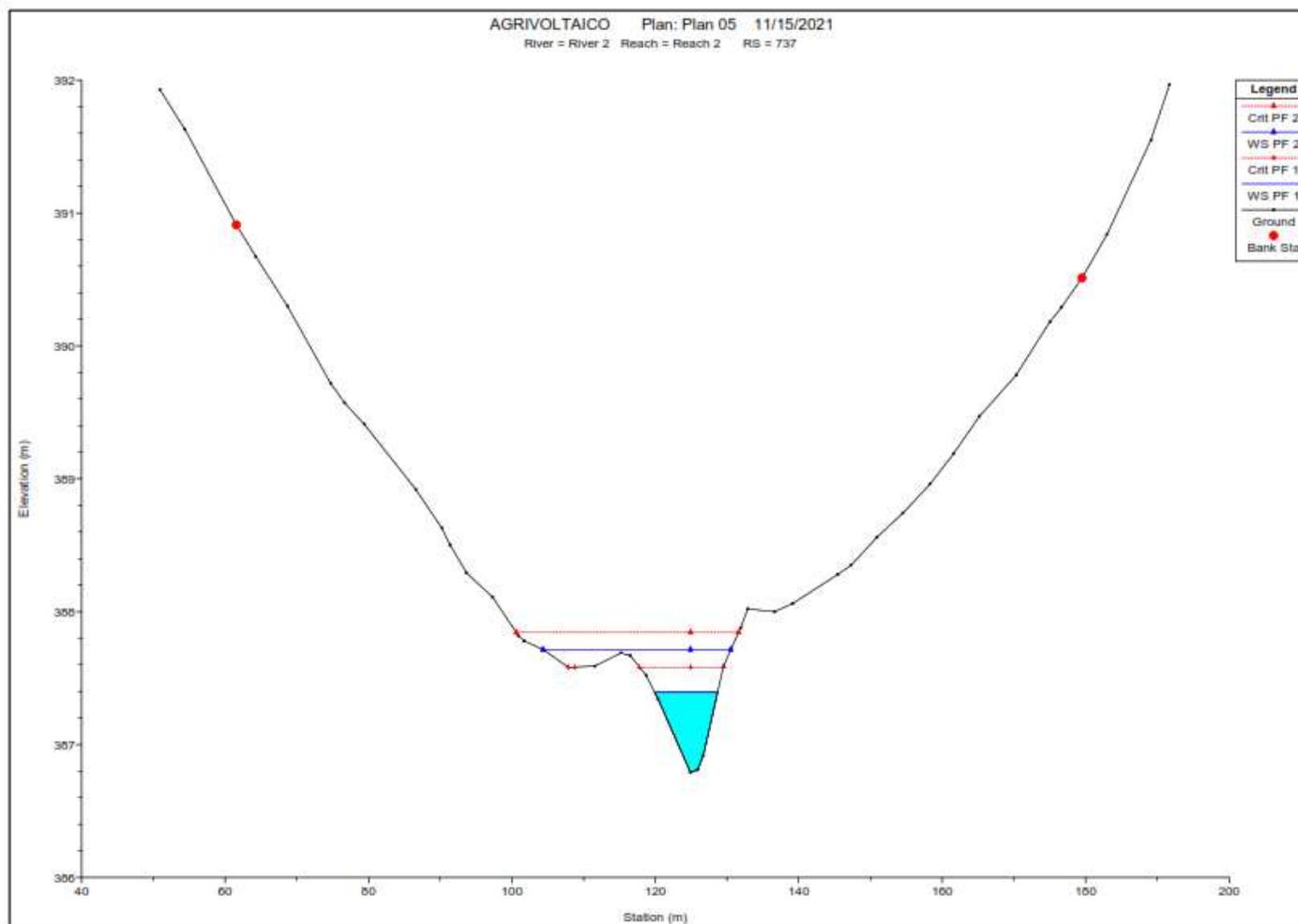
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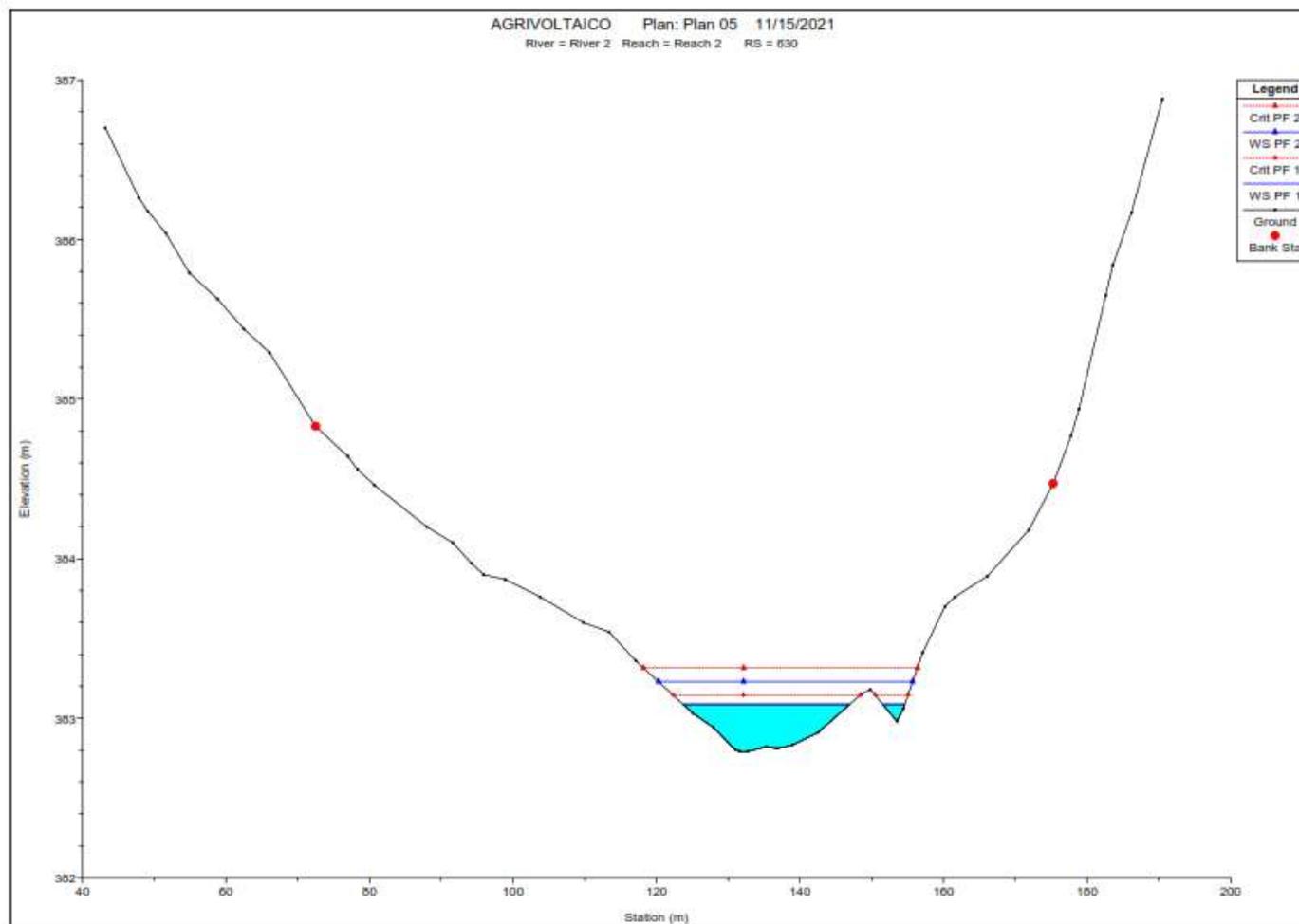
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Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



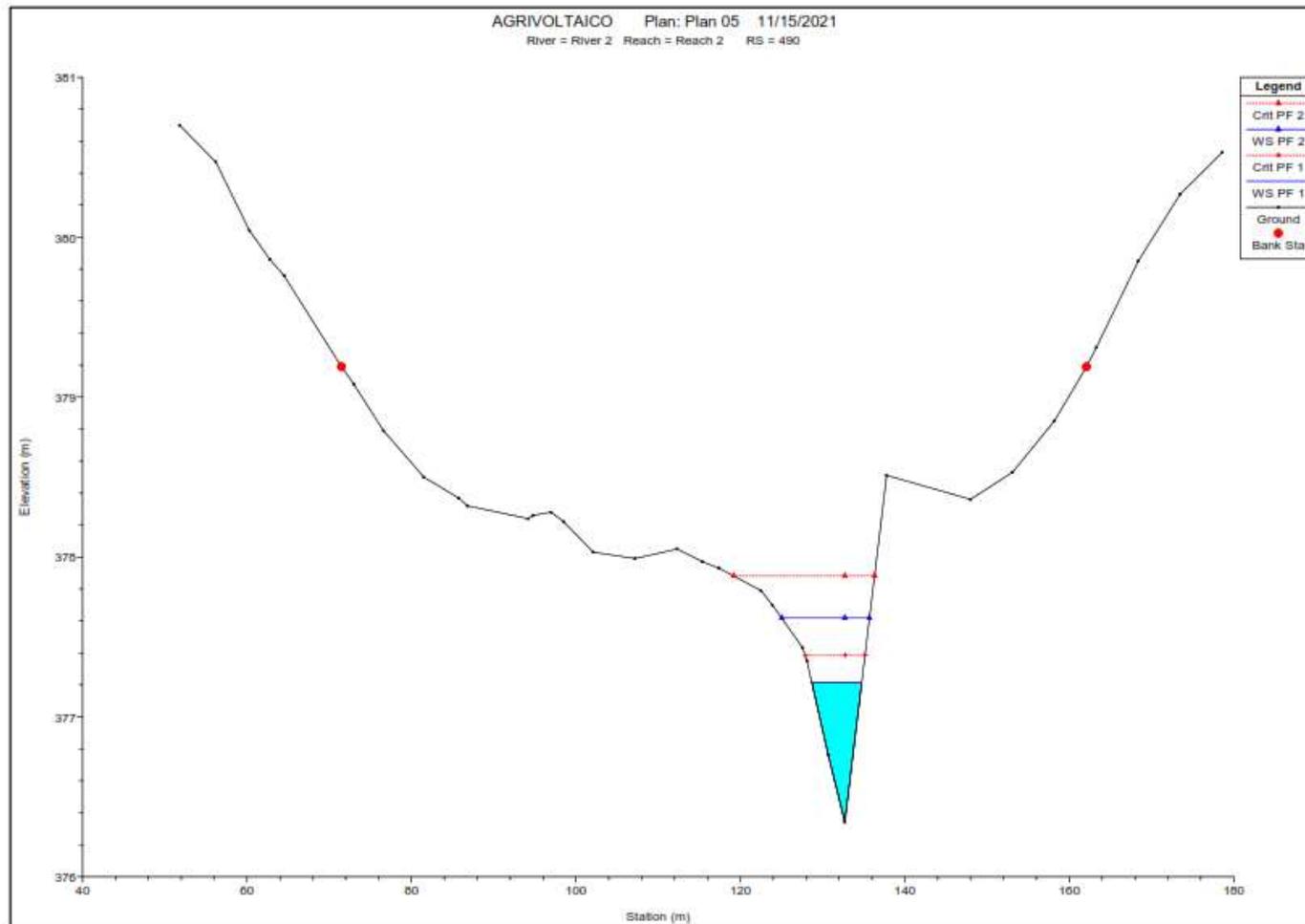
RELAZIONE IDROLOGICA - Appendice B

Bacini Idrografici: Dati tabellari e sezioni verifica idraulica



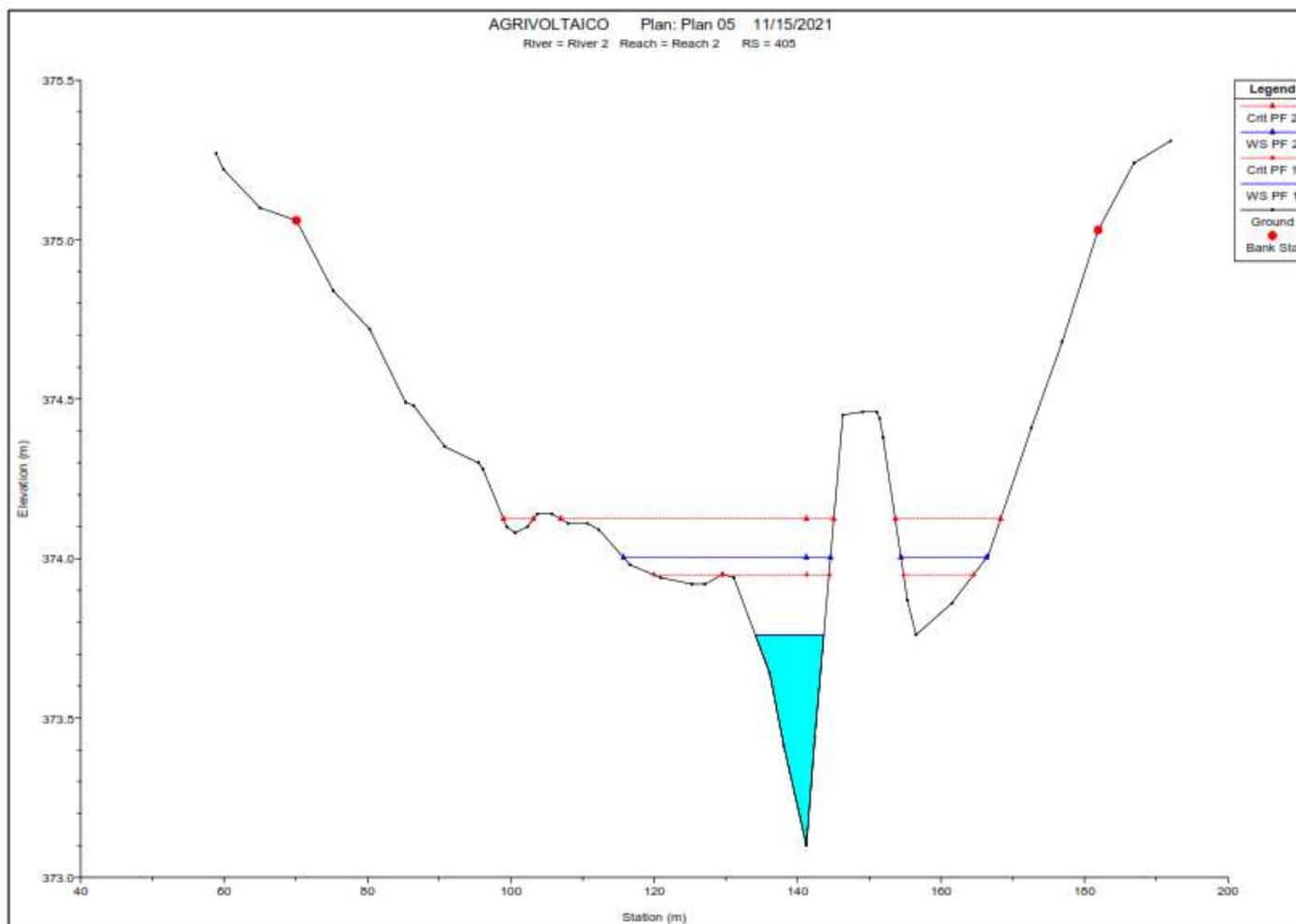
RELAZIONE IDROLOGICA - Appendice B

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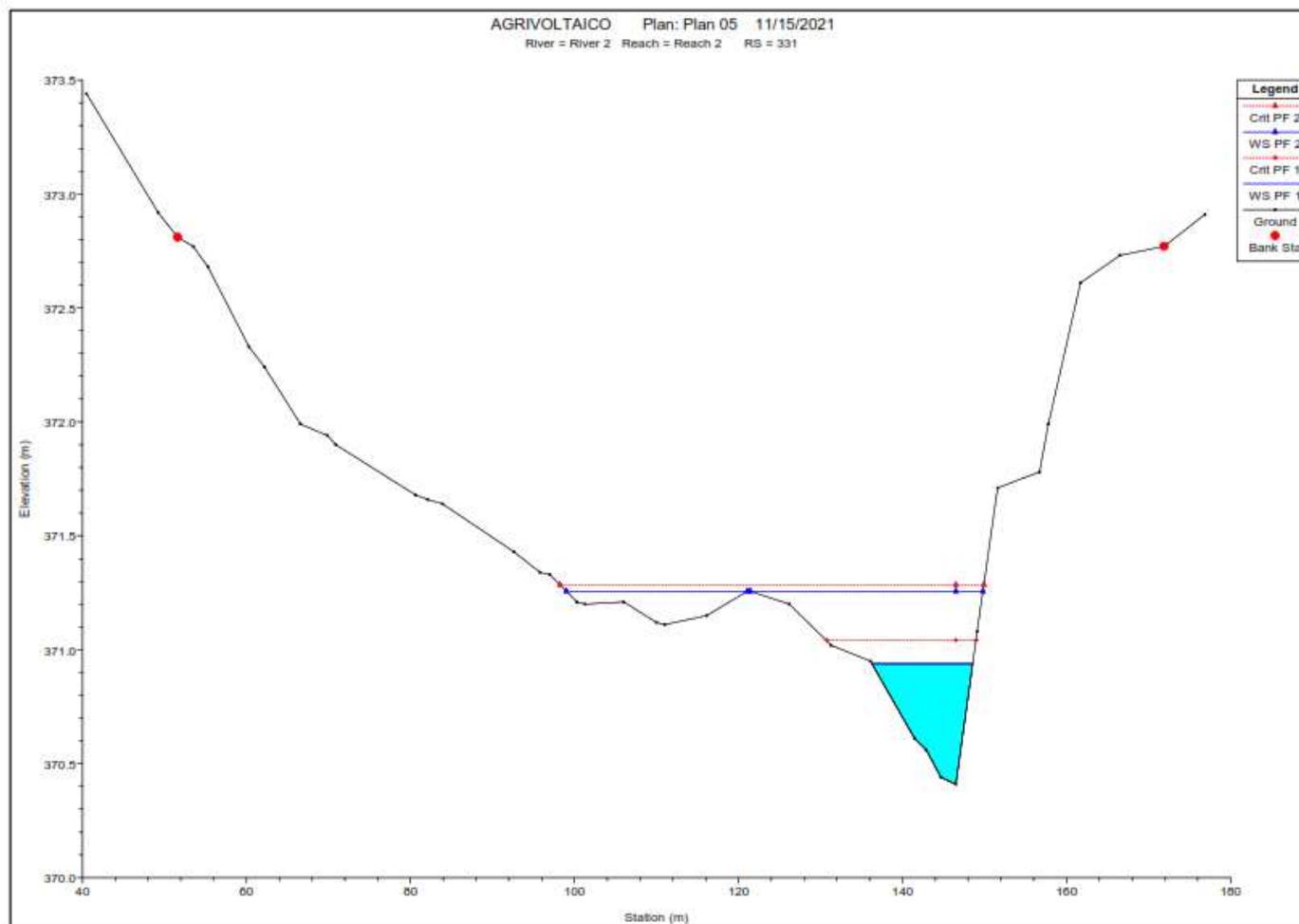
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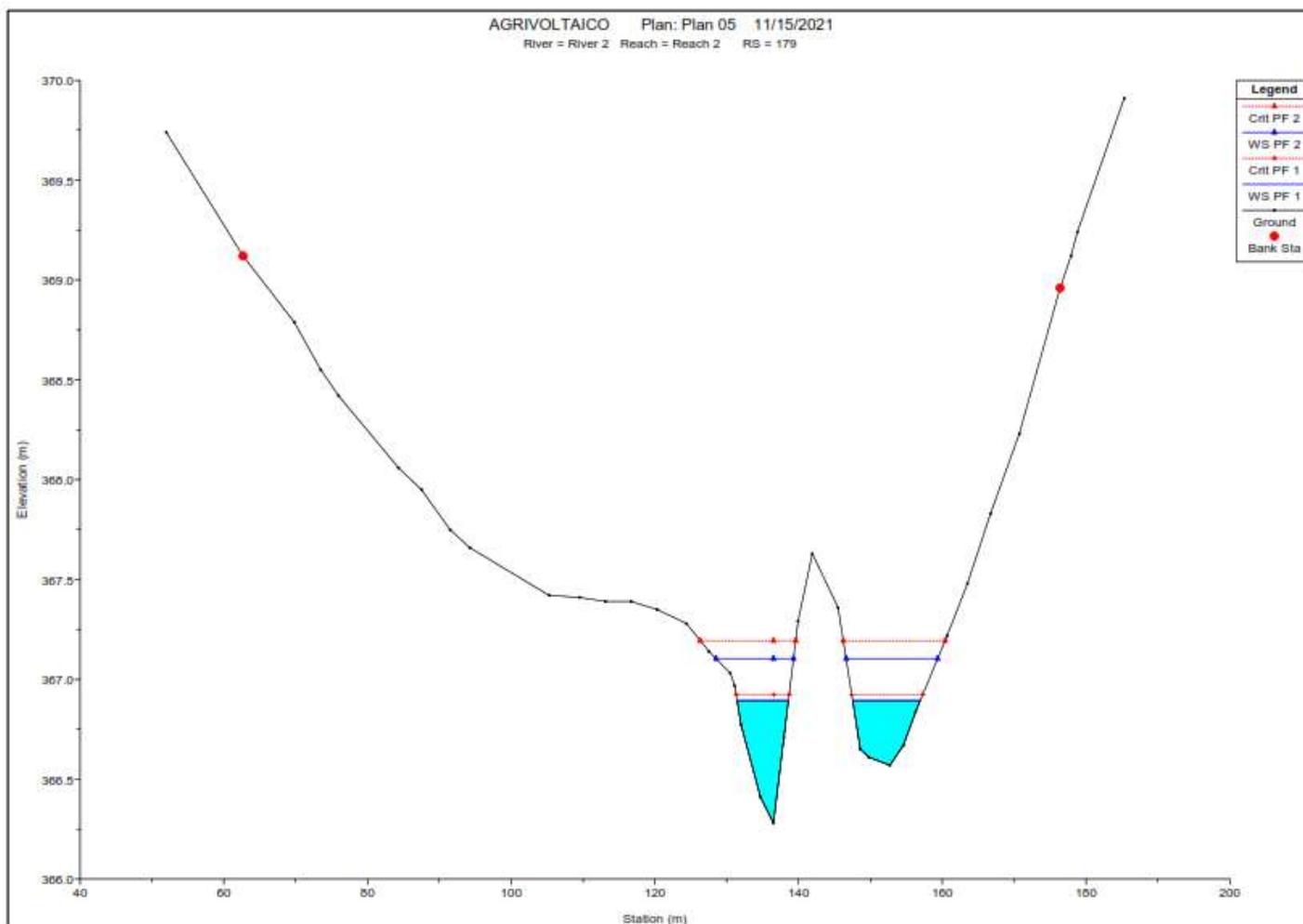
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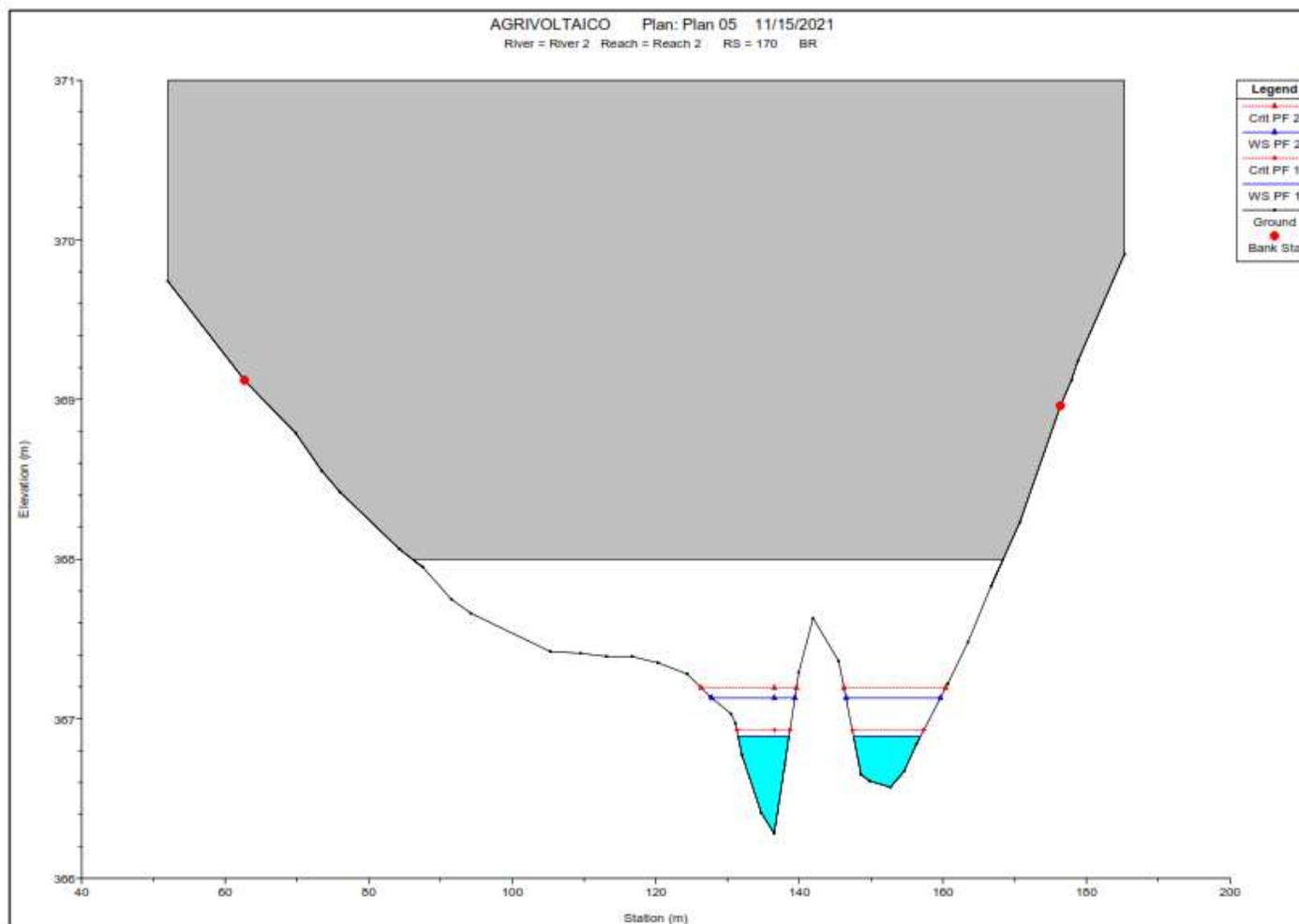
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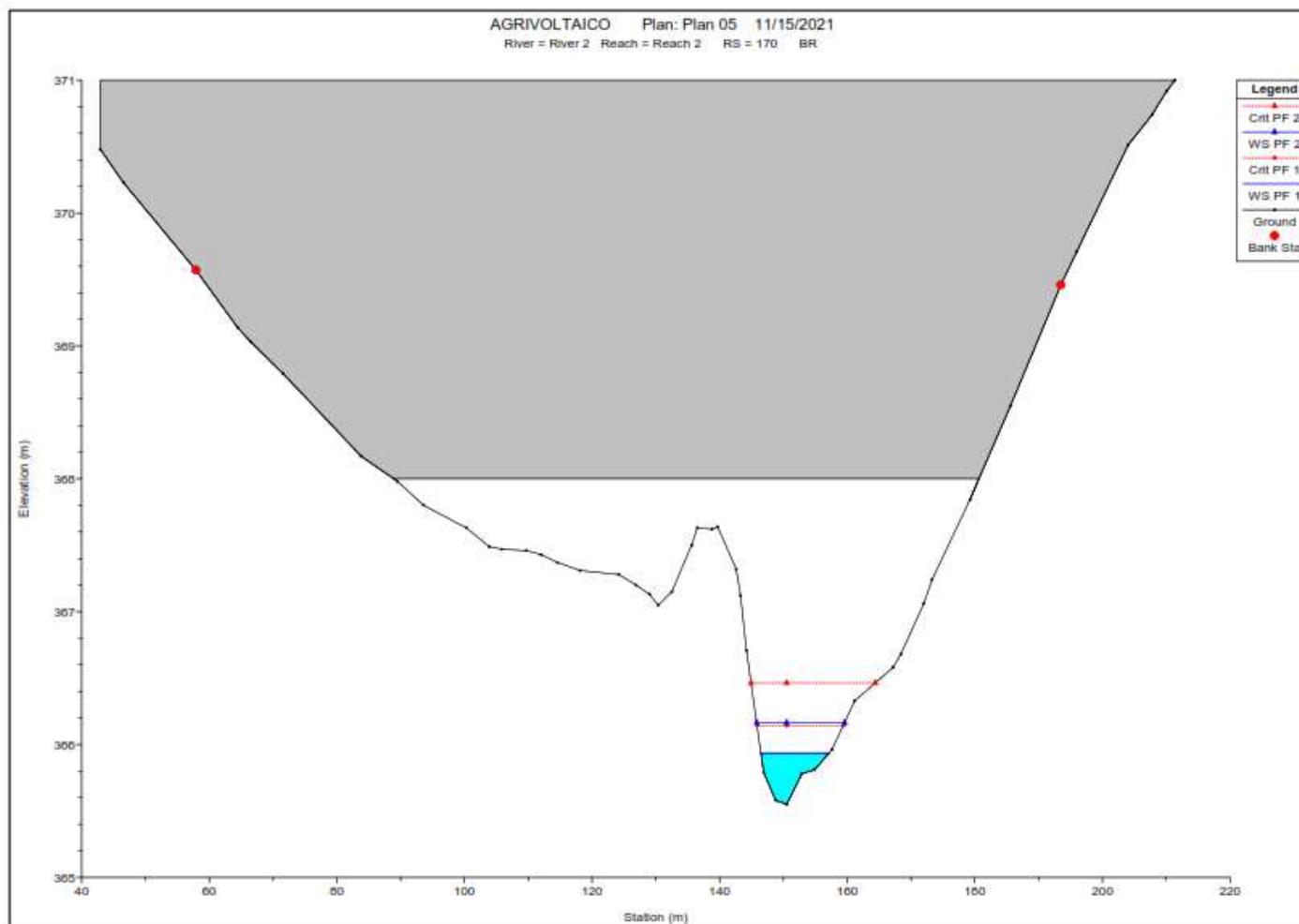
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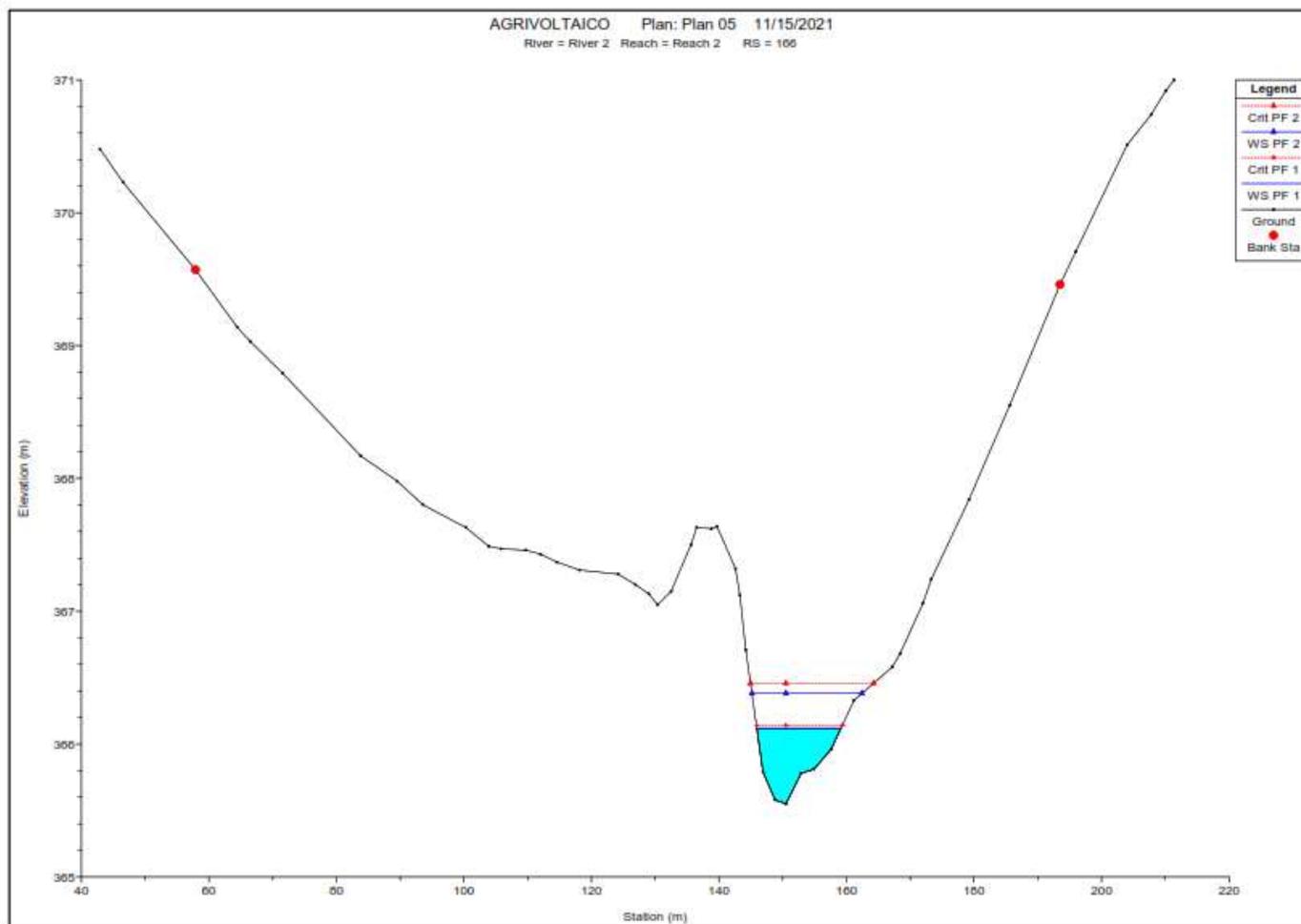
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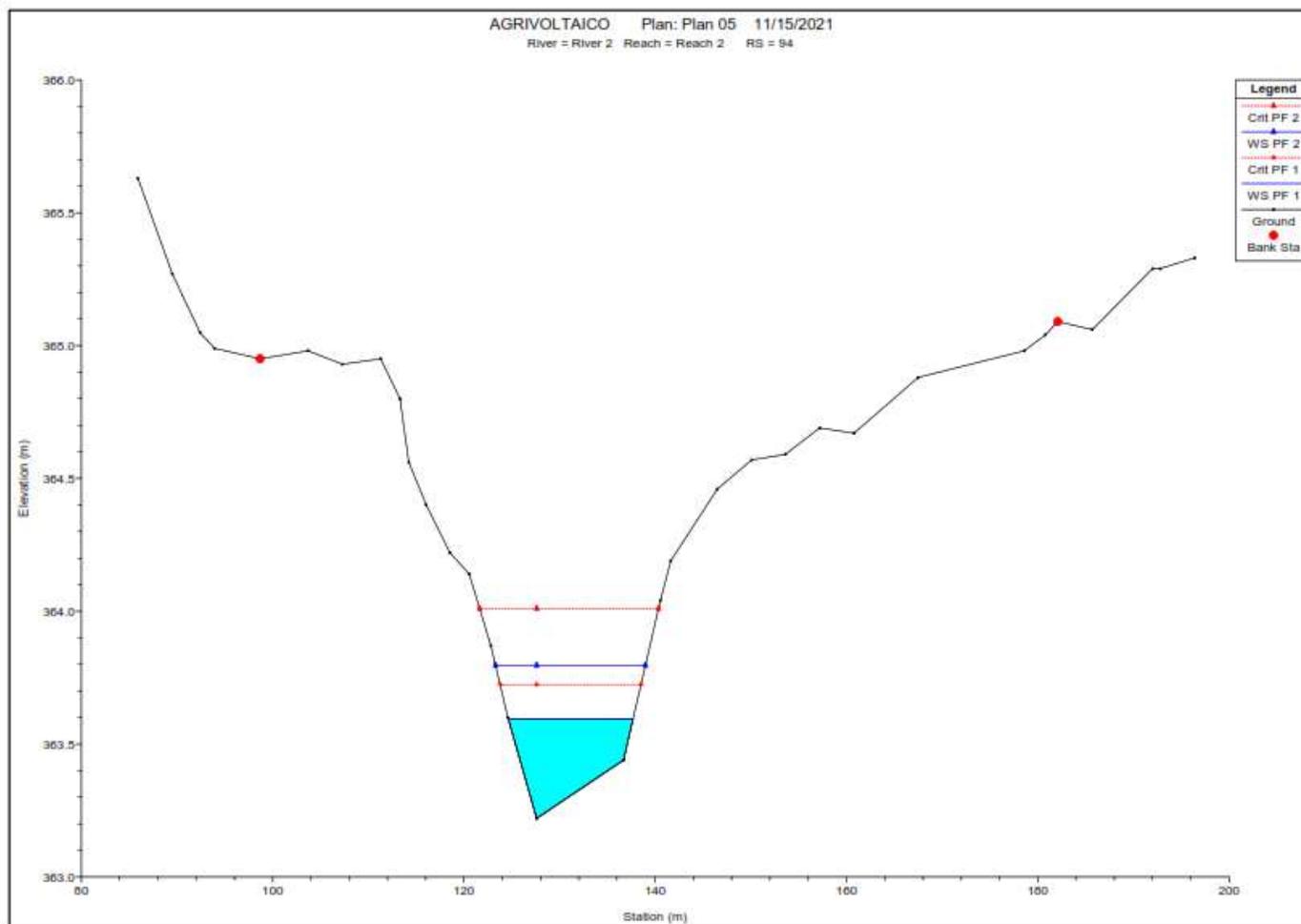
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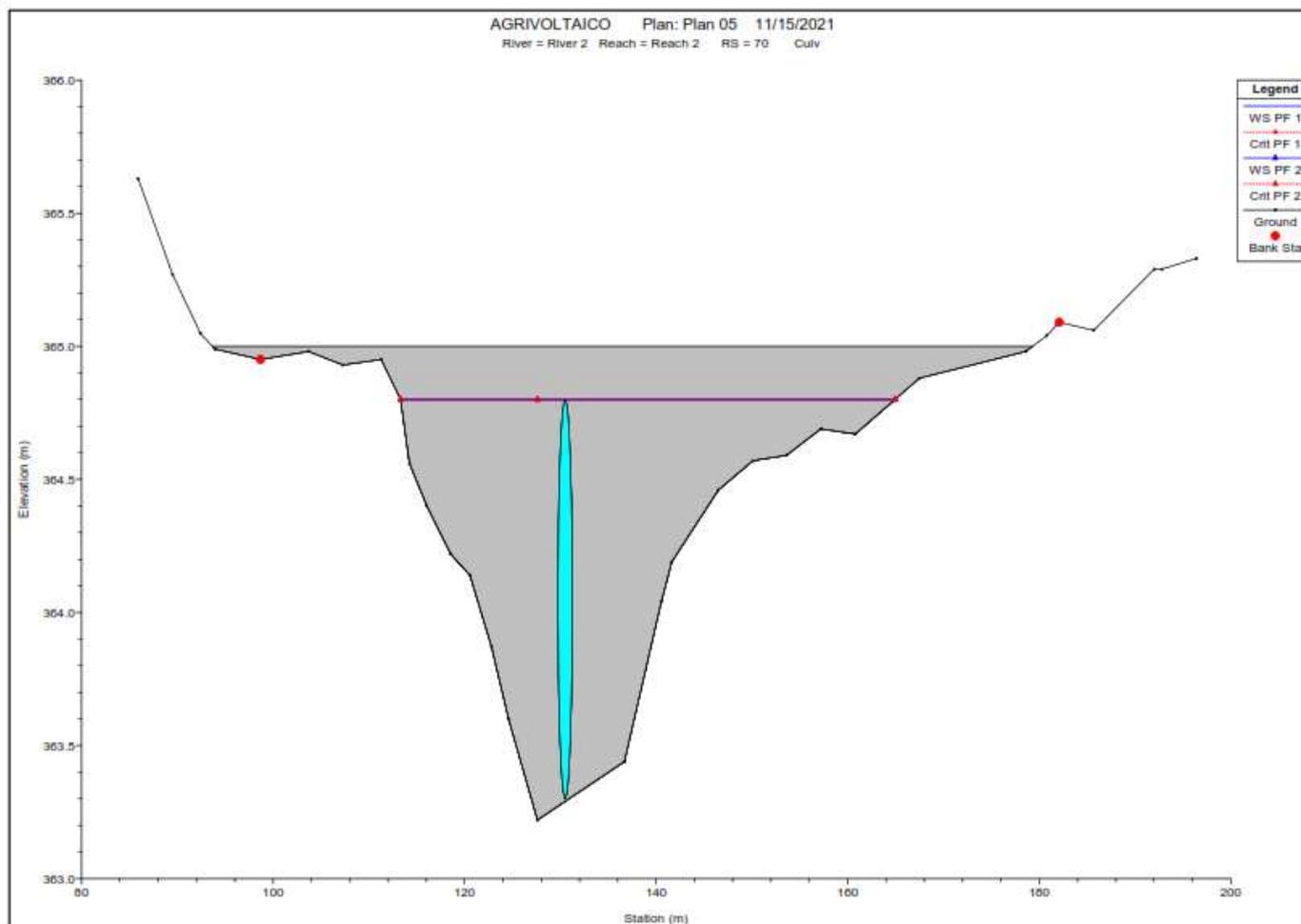
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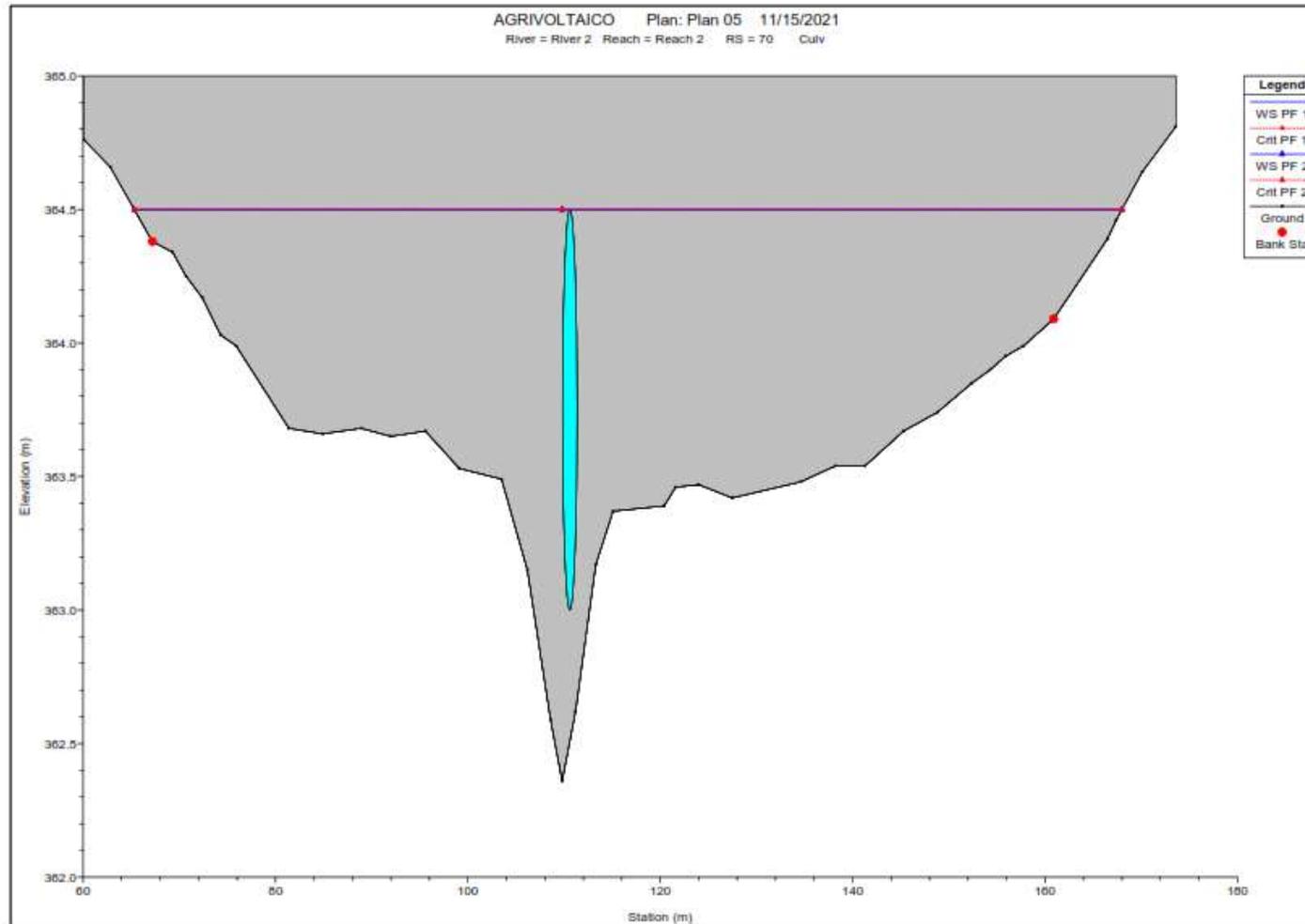
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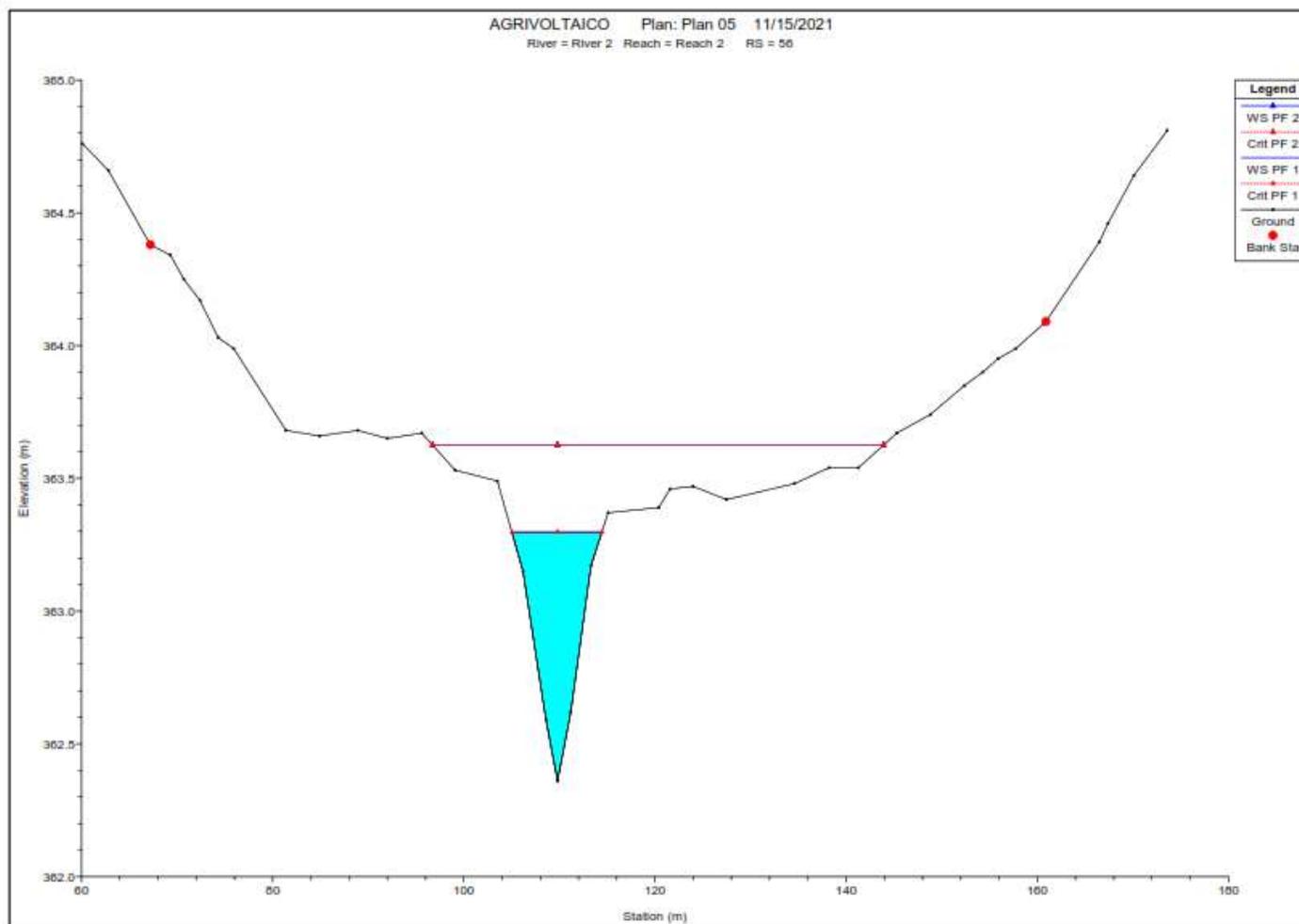
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