

03/03/2014

להפקיד את התכנית

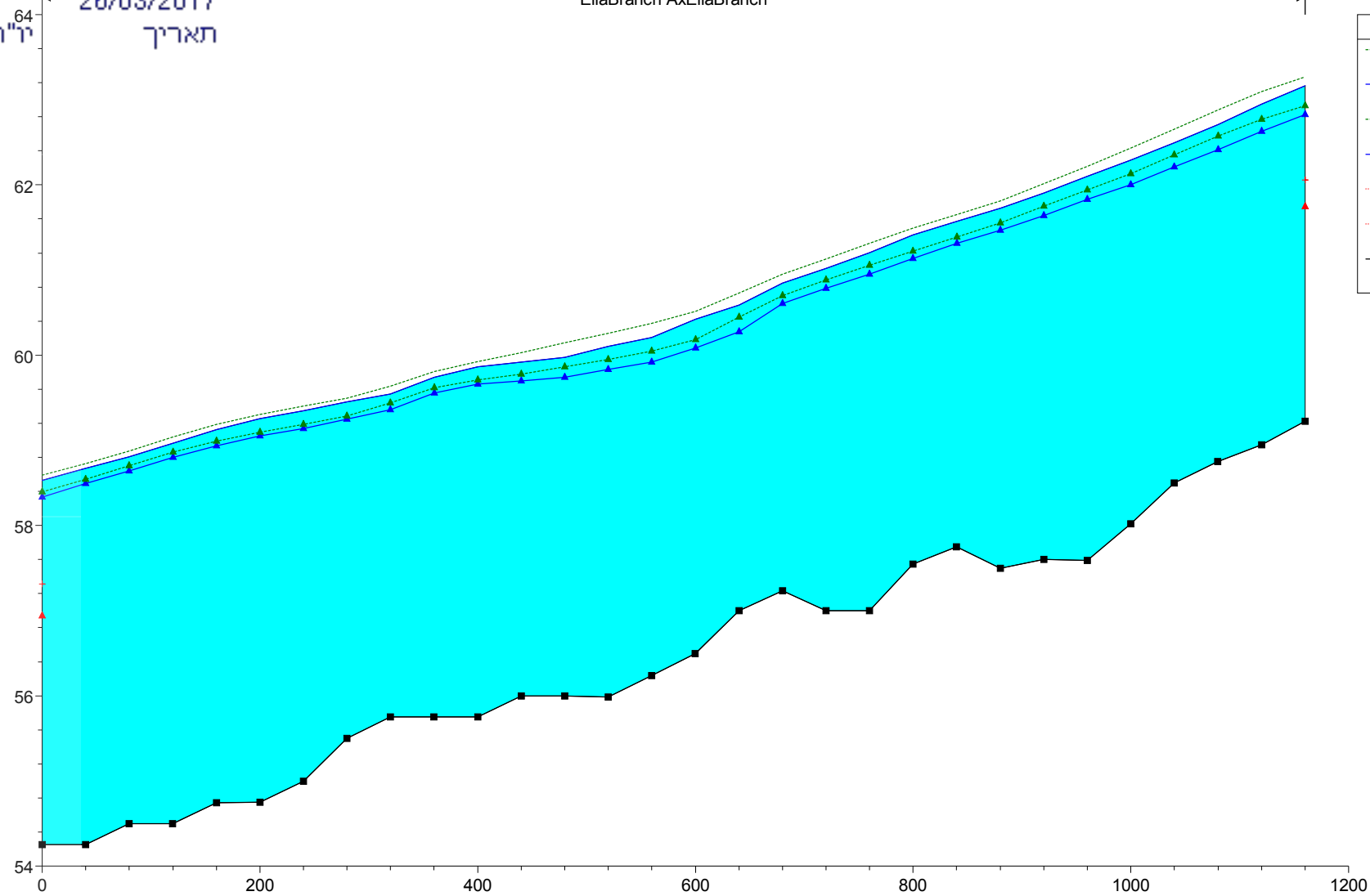
EllaBranch Plan: ExistingPlan 09/11/2014

EllaBranch AxEllaBranch

26/03/2017  
תאריך

י"ר הוועדה המחוזית

Elevation (m)



Legend	
EG 1%	(Dotted green line)
WS 1%	(Solid blue line)
EG 2%	(Dotted green line with triangles)
WS 2%	(Solid blue line with triangles)
Crit 1%	(Dotted red line with triangles)
Crit 2%	(Dotted red line with squares)
Ground	(Black squares)



HEC-RAS Plan: ExistingPlan River: EllaBranch Reach: AxEllaBranch

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
AxEllaBranch	1180	1%	140.00	59.22	63.16	62.06	63.27	0.003529	1.45	96.49	81.13	0.42
AxEllaBranch	1180	2%	103.00	59.22	62.83	61.75	62.93	0.003447	1.42	72.72	62.08	0.42
AxEllaBranch	1140	1%	140.00	58.95	62.95		63.10	0.005017	1.72	81.26	69.65	0.51
AxEllaBranch	1140	2%	103.00	58.95	62.63		62.77	0.004429	1.65	62.28	51.69	0.48
AxEllaBranch	1100	1%	140.00	58.75	62.71		62.88	0.005701	1.86	75.38	63.79	0.55
AxEllaBranch	1100	2%	103.00	58.75	62.42		62.57	0.005377	1.76	58.67	51.54	0.53
AxEllaBranch	1060	1%	140.00	58.50	62.50		62.65	0.005478	1.75	80.06	72.07	0.53
AxEllaBranch	1060	2%	103.00	58.50	62.21		62.35	0.005458	1.68	61.39	58.46	0.52
AxEllaBranch	1020	1%	140.00	58.02	62.29		62.43	0.005377	1.66	84.41	81.12	0.52
AxEllaBranch	1020	2%	103.00	58.02	62.00		62.13	0.005327	1.62	63.66	62.82	0.51
AxEllaBranch	980	1%	140.00	57.59	62.10		62.22	0.004848	1.52	92.29	93.86	0.49
AxEllaBranch	980	2%	103.00	57.59	61.83		61.94	0.004135	1.46	70.32	66.60	0.46
AxEllaBranch	940	1%	140.00	57.60	61.90		62.02	0.005295	1.51	93.01	102.40	0.50
AxEllaBranch	940	2%	103.00	57.60	61.64		61.75	0.005446	1.49	69.01	78.33	0.51
AxEllaBranch	900	1%	140.00	57.50	61.73		61.81	0.004440	1.30	107.33	128.65	0.46
AxEllaBranch	900	2%	103.00	57.50	61.47		61.55	0.004224	1.30	78.95	90.82	0.45
AxEllaBranch	860	1%	140.00	57.75	61.57		61.65	0.003660	1.23	114.07	129.96	0.42
AxEllaBranch	860	2%	103.00	57.75	61.32		61.39	0.003677	1.21	85.17	99.34	0.42
AxEllaBranch	820	1%	140.00	57.55	61.41		61.49	0.004178	1.26	111.05	133.97	0.44
AxEllaBranch	820	2%	103.00	57.55	61.14		61.22	0.004631	1.30	79.05	97.80	0.46
AxEllaBranch	780	1%	140.00	57.00	61.20		61.32	0.004515	1.50	93.41	91.71	0.47
AxEllaBranch	780	2%	103.00	57.00	60.95		61.05	0.003890	1.40	73.40	70.89	0.44
AxEllaBranch	740	1%	140.00	57.00	61.02		61.13	0.004803	1.47	95.29	101.30	0.48





HEC-RAS Plan: ExistingPlan River: EllaBranch Reach: AxEllaBranch (Continued)

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
AxEllaBranch	740	2%	103.00	57.00	60.78		60.88	0.004722	1.39	73.86	83.67	0.47
AxEllaBranch	700	1%	140.00	57.23	60.85		60.95	0.004048	1.41	99.58	99.62	0.45
AxEllaBranch	700	2%	103.00	57.23	60.61		60.70	0.004391	1.34	76.89	87.83	0.46
AxEllaBranch	660	1%	140.00	57.00	60.59		60.73	0.007383	1.68	83.18	99.73	0.59
AxEllaBranch	660	2%	103.00	57.00	60.28		60.45	0.009103	1.82	56.73	70.82	0.65
AxEllaBranch	620	1%	140.00	56.50	60.42		60.52	0.003599	1.37	102.54	98.17	0.43
AxEllaBranch	620	2%	103.00	56.50	60.08		60.19	0.004261	1.41	73.16	75.78	0.46
AxEllaBranch	580	1%	140.00	56.24	60.21		60.38	0.003185	1.81	77.55	43.96	0.43
AxEllaBranch	580	2%	103.00	56.24	59.92		60.05	0.002778	1.58	65.28	40.85	0.40
AxEllaBranch	540	1%	140.00	55.98	60.10		60.26	0.002572	1.76	79.44	39.54	0.40
AxEllaBranch	540	2%	103.00	55.98	59.83		59.95	0.002045	1.49	69.21	37.39	0.35
AxEllaBranch	500	1%	140.00	56.00	59.97		60.15	0.002897	1.85	75.80	38.32	0.42
AxEllaBranch	500	2%	103.00	56.00	59.74		59.86	0.002216	1.54	67.08	36.61	0.36
AxEllaBranch	460	1%	140.00	56.00	59.92		60.03	0.002174	1.47	95.43	55.81	0.36
AxEllaBranch	460	2%	103.00	56.00	59.70		59.78	0.001497	1.22	84.34	49.07	0.30
AxEllaBranch	420	1%	140.00	55.75	59.86		59.93	0.002337	1.13	124.32	114.67	0.35
AxEllaBranch	420	2%	103.00	55.75	59.66		59.71	0.001389	0.98	104.78	80.09	0.27
AxEllaBranch	380	1%	140.00	55.75	59.74		59.81	0.003610	1.18	118.88	142.06	0.41
AxEllaBranch	380	2%	103.00	55.75	59.56		59.62	0.004445	1.11	92.72	141.57	0.44
AxEllaBranch	340	1%	140.00	55.75	59.54		59.63	0.005298	1.34	104.40	137.32	0.49
AxEllaBranch	340	2%	103.00	55.75	59.36		59.44	0.004548	1.25	82.55	107.78	0.46
AxEllaBranch	300	1%	140.00	55.50	59.45		59.49	0.002126	0.93	150.28	172.21	0.32
AxEllaBranch	300	2%	103.00	55.50	59.25		59.29	0.002714	0.89	115.51	169.98	0.35





HEC-RAS Plan: ExistingPlan River: EllaBranch Reach: AxEllaBranch (Continued)

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
AxEllaBranch	260	1%	140.00	55.00	59.35		59.40	0.002369	1.04	134.23	140.92	0.34
AxEllaBranch	260	2%	103.00	55.00	59.14		59.19	0.002271	0.96	107.01	122.63	0.33
AxEllaBranch	220	1%	140.00	54.75	59.25		59.31	0.002412	1.00	139.74	157.83	0.34
AxEllaBranch	220	2%	103.00	54.75	59.05		59.09	0.002312	0.94	109.99	133.03	0.33
AxEllaBranch	180	1%	140.00	54.75	59.13		59.19	0.003548	1.10	127.34	167.21	0.40
AxEllaBranch	180	2%	103.00	54.75	58.93		58.99	0.003000	1.04	99.36	125.40	0.37
AxEllaBranch	140	1%	140.00	54.50	58.97		59.04	0.003938	1.18	118.66	151.38	0.43
AxEllaBranch	140	2%	103.00	54.50	58.80		58.86	0.003363	1.07	95.89	125.08	0.39
AxEllaBranch	100	1%	140.00	54.50	58.81		58.87	0.004336	1.13	123.42	179.43	0.44
AxEllaBranch	100	2%	103.00	54.50	58.64		58.70	0.004886	1.08	94.95	161.47	0.45
AxEllaBranch	60	1%	140.00	54.25	58.67		58.73	0.002865	1.05	132.72	157.48	0.37
AxEllaBranch	60	2%	103.00	54.25	58.49		58.54	0.003197	0.98	104.88	150.51	0.38
AxEllaBranch	20	1%	140.00	54.25	58.53	57.32	58.59	0.004004	1.14	123.11	168.24	0.42
AxEllaBranch	20	2%	103.00	54.25	58.34	56.94	58.40	0.004006	1.10	93.54	134.00	0.42



HFC-RAS Plan: ExistingPlan River: EllaBranch Reach: AxEllaBranch



	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)
	1180	1%	140.00	59.22	63.16
	1180	2%	103.00	59.22	62.83
	1140	1%	140.00	58.95	62.95
	1140	2%	103.00	58.95	62.63
	1100	1%	140.00	58.75	62.71
	1100	2%	103.00	58.75	62.42
AxEllaBranch	1060	1%	140.00	58.50	62.50
AxEllaBranch	1060	2%	103.00	58.50	62.21
AxEllaBranch	1020	1%	140.00	58.02	62.29
AxEllaBranch	1020	2%	103.00	58.02	62.00
AxEllaBranch	980	1%	140.00	57.59	62.10
AxEllaBranch	980	2%	103.00	57.59	61.83
AxEllaBranch	940	1%	140.00	57.60	61.90
AxEllaBranch	940	2%	103.00	57.60	61.64
AxEllaBranch	900	1%	140.00	57.50	61.73
AxEllaBranch	900	2%	103.00	57.50	61.47
AxEllaBranch	860	1%	140.00	57.75	61.57
AxEllaBranch	860	2%	103.00	57.75	61.32
AxEllaBranch	820	1%	140.00	57.55	61.41
AxEllaBranch	820	2%	103.00	57.55	61.14
AxEllaBranch	780	1%	140.00	57.00	61.20
AxEllaBranch	780	2%	103.00	57.00	60.95
AxEllaBranch	740	1%	140.00	57.00	61.02
AxEllaBranch	740	2%	103.00	57.00	60.78
AxEllaBranch	700	1%	140.00	57.23	60.85
AxEllaBranch	700	2%	103.00	57.23	60.61
AxEllaBranch	660	1%	140.00	57.00	60.59
AxEllaBranch	660	2%	103.00	57.00	60.28
AxEllaBranch	620	1%	140.00	56.50	60.42



HFC-RAS Plan: ExistingPlan River: EllaBranch Reach: AxEllaBranch (Continued)



	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)
	620	2%	103.00	56.50	60.08
	580	1%	140.00	56.24	60.21
	580	2%	103.00	56.24	59.92
	540	1%	140.00	55.98	60.10
	540	2%	103.00	55.98	59.83
	500	1%	140.00	56.00	59.97
AxEllaBranch	500	2%	103.00	56.00	59.74
AxEllaBranch	460	1%	140.00	56.00	59.92
AxEllaBranch	460	2%	103.00	56.00	59.70
AxEllaBranch	420	1%	140.00	55.75	59.86
AxEllaBranch	420	2%	103.00	55.75	59.66
AxEllaBranch	380	1%	140.00	55.75	59.74
AxEllaBranch	380	2%	103.00	55.75	59.56
AxEllaBranch	340	1%	140.00	55.75	59.54
AxEllaBranch	340	2%	103.00	55.75	59.36
AxEllaBranch	300	1%	140.00	55.50	59.45
AxEllaBranch	300	2%	103.00	55.50	59.25
AxEllaBranch	260	1%	140.00	55.00	59.35
AxEllaBranch	260	2%	103.00	55.00	59.14
AxEllaBranch	220	1%	140.00	54.75	59.25
AxEllaBranch	220	2%	103.00	54.75	59.05
AxEllaBranch	180	1%	140.00	54.75	59.13
AxEllaBranch	180	2%	103.00	54.75	58.93
AxEllaBranch	140	1%	140.00	54.50	58.97
AxEllaBranch	140	2%	103.00	54.50	58.80
AxEllaBranch	100	1%	140.00	54.50	58.81
AxEllaBranch	100	2%	103.00	54.50	58.64
AxEllaBranch	60	1%	140.00	54.25	58.67
AxEllaBranch	60	2%	103.00	54.25	58.49

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HFC-RAS Plan: ExistingPlan River: EllaBranch Reach: AxEllaBranch (Continued)

River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)
20	1%	140.00	54.25	58.53
20	2%	103.00	54.25	58.34



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