

HODGES

CREEK

\*\*\* INPUT CARD PRINTOUT \*\*\*

	1	2	3	4	5	6	7	8
5	0	5	0	5	0	5	0	5
1	1	HODGES CREEK	ALL FLOODS			REVISED	7	4 02 99.10
2	2	312225	312302	312368	312486			
3	50	0	1	21	3	3119	-135	99 99
4	51	1780	2720	3090	4190			
5	55	0	1	31305	16	1	31234	40 1 31222 100 1 31221 150 1 31202
5	56	163	1	31200	200	1	31192	218 2 31190 220 2 31181 222 2 31177
5	57	225	2	31178	232	2	31181	237 2 31186 240 2 31187 244 3 31204
5	58	260	3	31203	300	3	31202	400 3 31206 500 3 31211 540 3 31212
5	59	540	3	31310				
6	60	1	2	060 060	2	3	050 040	1 2 040 035
3	100	A	1	16	3	3120	170	99 99
4	101	540	990	1210	1880			
5	107	430	1	31310	430	1	31218	500 1 31218 600 1 31207 611 1 31218
5	108	619	2	31214	620	2	31198	624 2 31194 629 2 31189 633 2 31186
5	109	637	3	31223	666	3	31215	700 3 31215 800 3 31212 830 3 31212
5	110	830	3	31310				
6	111	2	3	040 035	3	4	060 065	2 3 040 035
3	200	R-TW	0	18	3	3123	708	99 99
5	205	400	1	31350	400	1	31253	500 1 31247 600 1 31250 616 2 31259
5	206	630	2	31248	635	2	31236	637 2 31224 642 2 31223 646 2 31222
5	207	648	2	31238	654	3	31253	700 3 31254 800 3 31256 900 3 31258
5	208	1000	3	31267	1100	3	31294	1200 3 31350
6	210	2	3	040 035	3	4	060 065	2 3 040 035
3	300	RD-BC	2	13	1	3123	708	0 31266 3 0
5	305	0	1	31265	0	1	31237	1 1 31234 5 1 31233 8 1 31231
5	306	14	1	31228	17	1	31230	19 1 31229 21 1 31220 23 1 31241
5	307	28	1	31245	28	1	31267	0 -9 31265
6	310	1	2	050 050				
3	350	RD-BC	4	11	2	34	1	2 1 1 2
5	355	0	1	31310	0	1	31270	50 1 31271 100 1 31273 150 1 31276
5	356	217	1	31284	231	2	31285	245 2 31286 300 2 31295 350 2 31302
5	357	395	2	31310				
3	400	C-APP	5	21	3	3124	780	1 3
5	405	-10	1	31330	0	1	31280	22 1 31281 37 1 31276 87 1 31260
5	406	137	1	31258	183	1	31257	199 1 31251 205 2 31250 212 2 31240
5	407	216	2	31241	220	2	31232	227 2 31227 228 2 31232 233 3 31252
5	408	243	3	31255	250	3	31254	300 3 31254 341 3 31259 348 3 31296
5	409	391	3	31314				
6	412	2	3	045 040	3	4	060 070	2 3 045 040
3	500	0	20	3	3124	924	99 99	
5	505	-15	1	31383	0	1	31333	50 1 31276 90 1 31266 108 1 31270
5	506	158	1	31259	170	2	31264	171 2 31235 174 2 31234 176 2 31248
5	507	188	2	31242	195	2	31246	203 2 31259 210 3 31267 260 3 31257
5	508	310	3	31259	346	3	31270	355 3 31324 365 3 31333 380 3 31346
6	510	2	3	045 040	3	4	060 070	2 3 045 040

OK USE



PAGE 1 OF EDITING NOTES FOR: HODGES CREEK ALL FLOODS REVISED

SECID	ERROR SEVERITY	FIRST VARIABLE	NO.	ERROR MESSAGE	SECOND VARIABLE	NO.	VALUE ASSUMED
80-BC	WARNING	STATION	13	IS LESS THAN	STATION	12	

INPUT SUMMARY FOR: HODGES CREEK ALL FLOODS

REVISED

7 CROSS SECTIONS SPECIFIED (OR ASSUMED)

PAGE 1 OF 1

FOUND 8 TYPE 3 CARDS

KEPT 8 CROSS SECTIONS FOR EDITING

8 " " VALID FOR PROPERTY COMPUTATIONS

8 " " " " PROFILE "

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=D AT DISTANCE= -135

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3119.0	19	482	1.00	23	23	218	241	96
3128.9	4330	619643	1.19	536	546	4	540	63883
3131.0	5461	901191	1.19	540	552	0	540	90265

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=A AT DISTANCE= 170

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	3414	572504	1.02	400	419	430	830	55895
3131.0	3854	698762	1.02	400	421	430	830	67036

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=B-TW AT DISTANCE= 708

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	5116	748321	1.04	762	772	400	1162	73657
3135.0	6757	1152246	1.04	800	811	400	1200	109289

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=BO-BC AT DISTANCE= 708

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	2	23	1.00	12	13	10	22	6
3126.7	93	3655	1.00	0	62	0	28	0

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=C-APP AT DISTANCE= 780

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	2592	317138	1.02	401	405	-9	391	36989

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=D AT DISTANCE= 924 REVISIONS PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	27		1.00	4	5	171	175	8
3133.9	2509	308072	1.04	374	378	-1	372	36136
3138.3	4215	705564	1.04	395	404	-14	330	76548

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=E AT DISTANCE= 1136 REVISIONS PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	2591	348578	1.03	345	351	-4	340	39619
3138.6	3528	575821	1.03	350	360	-9	340	62455

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK AT ALL FLOODS  
 PROFILE NUMBER: 1, UPSTREAM COMPUTATIONS

REVISED

SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

A	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
B-TW	; FRDN FAILURE				
		; WS = 3122.88	& FR = 24.26		
					USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.21	& FR = 1.05		
					USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3122.48	& WS = 3135.00		
					USED DEL = 0.25
B-TW	; FRDN FAILURE				
		; WS = 3122.88	& FR = 24.28		
					USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.21	& FR = 1.05		
					USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3122.48	& WS = 3135.00		
					USED WSMIN = WSC
B-TW	; WS NOT FOUND				
					ASSUMED WS = WSC
C-APP	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
C-APP	; WSU > BELMX (1)				
					CHECKED Q80 (2)
D	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
E	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER



1277

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW	WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID*
D	AT	-135	0	1780.	824.	43240.	1.38	39.	540.	3122.25	0.10			3122.35	2.16	0.32		*IS*
A	AT	170	305	540.	546.	24165.	1.00	430.	830.	3122.73	0.02	0.39	0.0	3122.75	0.99	0.15	0.002	*XS*
B-TW	AT	708	538	540.	148.	3801.	1.15	400.	697.	3125.39	0.24	*****	*****	3125.63	3.65	0.82	*****	*XS*
===== BEGIN BRIDGE ANALYSIS =====																		
B0-BC	AT	708		515.	93.	3655.	1.00	0.	28.	3126.70	0.47	...	2...	(-.001)	5.51	0.53		*B0*
=====																		
EMBANKMENT OVERFLOW (CFS) / LEFT 20. / RIGHT 0. / *RG*																		
C-APP	AT	780	72	540.	227.	7163.	1.27	78.	342.	3126.30	0.11	0.77	0.0	3126.42	2.38	0.38	0.013	*AS*
=====																		
M = **** / E = **** / K* = **** / 501. / 22767. / 1.03 / 47. / 344. / 3127.28 / 0.02 / 3127.30 / 1.08 / 0.15 / *AS*																		
===== END BRIDGE ANALYSIS =====																		
D	AT	924	144	540.	365.	13818.	1.07	58.	347.	3127.41	0.04	0.13	0.01	3127.44	1.48	0.24	0.002	*XS*
=====																		
E	AT	1136	212	540.	174.	5023.	1.17	80.	307.	3128.25	0.17	0.89	0.07	3128.42	3.10	0.59	0.018	*XS*

END OF THIS PROFILE



PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK ALL FLOODS REVISED  
 PROFILE NUMBER 2, UPSTREAM COMPUTATIONS

SECID	ERROR (WARNING) MESSAGE	INTERMEDIATE RESULTS (IF ANY)	ACTION TAKEN
A	KU/KD < 0.7 OR > 1.4		ALERTED USER
B-TW	FRDN FAILURE	WS = 3123.97 & FR = 8.27	USED HIGHER WS
B-TW	FRDN FAILURE	WS = 3125.52 & FR = 1.22	USED HIGHER WS
B-TW	WS NOT FOUND BETWEEN	WS = 3123.13 & WS = 3135.00	USED DEL = 0.25
B-TW	FRDN FAILURE	WS = 3123.97 & FR = 8.27	USED HIGHER WS
B-TW	FRDN FAILURE	WS = 3125.52 & FR = 1.21	USED HIGHER WS
B-TW	WS NOT FOUND BETWEEN	WS = 3123.13 & WS = 3135.00	USED WSMIN = WSC
B-TW	WS NOT FOUND		ASSUMED WS = WSC
C-APP	KU/KD < 0.7 OR > 1.4		ALERTED USER
C-APP	WSU > BELMX (1)		CHECKED QBO (2)
E	KU/KD < 0.7 OR > 1.4		ALERTED USER

504R

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 2, UPSTREAM COMPUTATIONS

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SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
=====
D AT -135 / 0 / 2720. / 1216. / 81226. / 1.27 / 24. / 540.
 3123.02 / 0.10 / / 3123.12 / 2.24 / 0.29/ *IS*
=====
A AT 170 / 305 / 990. / 806. / 45822. / 1.00 / 430. / 830.
 3123.38 / 0.02 / 0.28 / 0.0 / 3123.40 / 1.23 / 0.16 / 0.001 *XS*
=====
B-TW AT 708 / 538 / 990. / 241. / 6897. / 1.15 / 400. / 829.
 3125.66 / 0.30 /***** /***** / 3125.96 / 4.10 / 0.89 /***** *XS*
=====
BEGIN BRIDGE ANALYSIS =====
BO-BC AT 708 / / 652. / 93. / 3655. / 1.00 / 0. / 28.
 3126.70 / 0.76 / ...2... (-.001) / 6.97 / 0.67 / *B0*
=====
EMBANKMENT OVERFLOW (CFS) / LEFT 345. / RIGHT 0. / *RG*
=====
C-APP AT 780 / 72 / 990. / 323. / 11942. / 1.13 / 66. / 342.
 3126.66 / 0.17 / 0.86 / 0.0 / 3126.82 / 3.07 / 0.49 / 0.009 *AS*
=====
M = **** / E = **** / K* = **** / 733. / 40685. / 1.05 / -0. / 345.
 3128.03 / 0.03 / / 3128.06 / 1.35 / 0.17 / *AS*
=====
END BRIDGE ANALYSIS =====
D AT 924 / 144 / 990. / 584. / 28505. / 1.03 / 45. / 348.
 3128.15 / 0.05 / 0.12 / 0.01 / 3128.19 / 1.69 / 0.23 / 0.000 *XS*
=====
E AT 1136 / 212 / 990. / 299. / 10596. / 1.05 / 62. / 319.
 3128.77 / 0.18 / 0.69 / 0.07 / 3128.95 / 3.32 / 0.55 / 0.007 *XS*
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END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS  
PROFILE NUMBER 2, UPSTREAM COMPUTATIONS

REVISED 1/1/78

SECID B-TW 3125.66

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK FALL FLOODS REVISED  
 PROFILE NUMBER 3, UPSTREAM COMPUTATIONS

SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

A	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
B-TW	; FRDN FAILURE				
		; WS = 3124.85	& FR = 4.72;		USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.59	& FR = 1.30;		USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3123.65	& WS = 3135.00;		USED DEL = 0.25
B-TW	; FRDN FAILURE				
		; WS = 3124.85	& FR = 4.72;		USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.59	& FR = 1.29;		USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3123.65	& WS = 3135.00;		USED WSMIN = WSC
B-TW	; WS NOT FOUND				
					ASSUMED WS = WSC
C-APP	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
C-APP	; WSU > BELMX (1)				
					CHECKED QRO (2)
E	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER

100-YR

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 3, UPSTREAM COMPUTATIONS

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW
WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID	
D	AT	-135	0	3090.	1561.	119981.	1.24	15.	540.
3123.68	0.08			3123.76	1.98	0.23			*IS*
A	AT	170	305	1210.	1014.	70939.	1.01	430.	830.
3123.90	0.02	0.17	0.0	3123.92	1.19	0.14	0.000		*XS*
B-TW	AT	708	538	1210.	292.	8674.	1.17	400.	885.
3125.77	0.31	*****	*****	3126.08	4.14	0.88	*****		*XS*
===== BEGIN BRIDGE ANALYSIS =====									
BO-BC	AT	708		681.	93.	3655.	1.00	0.	28.
3126.70	0.83		...2...	(-.001)		7.29	0.70		*R0*
=====									
EMBANKMENT OVERFLOW (CFS)		LEFT	526.	RIGHT	0.				*R6*
C-APP	AT	780	72	1210.	354.	13704.	1.10	63.	343.
3126.77	0.20	0.89	0.0	3126.97	3.42	0.54	0.003		*AS*
=====									
M =	****	E =	****	K =	****	813.	47543.	1.07	-1.
3128.27	0.04			3128.30	1.49	0.19			*AS*
===== END BRIDGE ANALYSIS =====									
D	AT	924	144	1210.	657.	34621.	1.03	43.	348.
3128.39	0.05	0.13	0.01	3128.44	1.84	0.24	0.000		*XS*
E	AT	1136	212	1210.	354.	13591.	1.03	54.	323.
3128.99	0.19	0.66	0.07	3129.17	3.42	0.54	0.006		*XS*

END OF THIS PROFILE



COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS  
PROFILE NUMBER 3, UPSTREAM COMPUTATIONS

|| REVISED

SECID B-TW  
WSC 3125.77



PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK ALL FLOODS  
 PROFILE NUMBER 4, UPSTREAM COMPUTATIONS

REVISED

SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

A	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
B-TW	; FRDN FAILURE				
		; WS = 3125.08	& FR = 5.03;		
					USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.95	& FR = 1.03;		
					USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3124.75	& WS = 3135.00;		
					USED DEL = 0.25
B-TW	; FRDN FAILURE				
		; WS = 3125.08	& FR = 5.03;		
					USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.95	& FR = 1.02;		
					USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3124.75	& WS = 3135.00;		
					USED WSMIN = WSC
B-TW	; WS NOT FOUND				
					ASSUMED WS = WSC
C-APP	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER
C-APP	; WSU > BELMX (1)				
					CHECKED QBO (2)
E	; KU/KD < 0.7 OR > 1.4				
					ALERTED USER

500 YR

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 4, UPSTREAM COMPUTATIONS

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=====
SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
=====
D AT -135 / 0 / 4190. / 2181. / 204972. / 1.21 / 13. / 540.
3124.86 / 0.07 / / 3124.93 / 1.92 / 0.19 / *IS*
-----
A AT 170 / 305 / 1880. / 1455. / 139215. / 1.02 / 430. / 830.
3125.00 / 0.03 / 0.10 / 0.0 / 3125.03 / 1.29 / 0.12 / -0.000 *XS*
-----
B-TW AT 708 / 538 / 1880. / 407. / 13501. / 1.15 / 400. / 922.
3126.00 / 0.38 /***** /***** / 3126.38 / 4.62 / 0.92 /***** *XS*
===== BEGIN BRIDGE ANALYSIS =====
BO-BC AT 708 / / 745. / 93. / 3655. / 1.00 / 0. / 28.
3126.70 / 0.99 / ...2... (-.001) / 7.97 / 0.77 / *80*
-----
EMBANKMENT OVERFLOW (CFS) / LEFT 1127. / RIGHT 10. / *RG*
-----
C-APP AT 780 / 72 / 1880. / 442. / 18938. / 1.05 / 53. / 343.
3127.08 / 0.30 / 1.00 / 0.0 / 3127.38 / 4.26 / 0.62 / 0.003 *AS*
-----
M = **** / E = **** / K* = **** / 1010. / 70036. / 1.05 / -2. / 347.
3128.83 / 0.06 / / 3128.89 / 1.86 / 0.19 / *AS*
===== END BRIDGE ANALYSIS =====
D AT 924 / 144 / 1880. / 835. / 52202. / 1.06 / 38. / 349.
3128.96 / 0.08 / 0.14 / 0.01 / 3129.04 / 2.25 / 0.27 / -0.000 *XS*
-----
E AT 1136 / 212 / 1880. / 504. / 23069. / 1.01 / 44. / 332.
3129.52 / 0.22 / 0.62 / 0.07 / 3129.74 / 3.73 / 0.52 / 0.003 *XS*
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END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS  
PROFILE NUMBER 4, UPSTREAM COMPUTATIONS

REVISED

SECID B-TM  
WSC 3126.00

\*\*\* INPUT CARD PRINTOUT \*\*\*

	1	2	3	4	5	6	7	8
1	1	HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK				8	2	02 99 10
2	2	-99999 -99999						
3	50	D 1 21 3 3119 -135 99 99						
4	51	3090 4190						
5	55	0 1 31305 16 1 31234 40 1 31222 100 1 31221 150 1 31202						
5	56	163 1 31200 200 1 31192 218 2 31190 220 2 31181 222 2 31177						
5	57	225 2 31178 232 2 31181 237 2 31186 240 2 31187 244 3 31204						
5	58	260 3 31203 300 3 31202 400 3 31206 500 3 31211 540 3 31212						
5	59	540 3 31310						
6	60	1 2 060 060 2 3 050 040 1 2 040 035						
3	100	A 1 16 3 3120 170 99 99						
4	101	1210 1880						
5	107	430 1 31310 430 1 31218 500 1 31218 600 1 31207 611 1 31218						
5	108	619 2 31214 620 2 31198 624 2 31194 629 2 31189 633 2 31186						
5	109	637 3 31223 666 3 31215 700 3 31215 800 3 31212 830 3 31212						
5	110	830 3 31310						
6	111	2 3 040 035 3 4 060 065 2 3 040 035						
3	200	B-TW 0 18 3 3123 708 99 99						
5	205	400 1 31350 400 1 31253 500 1 31247 600 1 31250 616 2 31259						
5	206	630 2 31248 635 2 31236 637 2 31224 642 2 31223 646 2 31222						
5	207	648 2 31238 654 3 31253 700 3 31254 800 3 31256 900 3 31258						
5	208	1000 3 31267 1100 3 31294 1200 3 31350						
6	210	2 3 040 035 3 4 060 065 2 3 040 035						
3	300	BO-BC 2 13 1 3123 708 0 31266 3 0						
5	305	0 1 31265 0 1 31237 1 1 31234 5 1 31233 8 1 31231						
5	306	14 1 31228 17 1 31230 19 1 31229 21 1 31220 23 1 31241						
5	307	28 1 31245 28 1 31267 0 -9 31265						
6	310	1 2 050 050						
3	350	RD-BC 4 11 2 34 1 2 1 1 2						
5	355	0 1 31310 0 1 31270 50 1 31271 100 1 31273 150 1 31276						
5	356	217 1 31284 231 2 31285 245 2 31286 300 2 31295 350 2 31302						
5	357	395 2 31310						
3	400	C-APP 5 21 3 3124 780 99 99						
5	405	-10 1 31330 0 1 31280 22 1 31281 37 1 31276 87 1 31260						
5	406	137 1 31258 183 1 31257 199 1 31251 205 2 31250 212 2 31240						
5	407	216 2 31241 220 2 31232 227 2 31227 228 2 31232 233 3 31252						
5	408	243 3 31255 250 3 31254 300 3 31254 341 3 31259 348 3 31296						
5	409	391 3 31314						
6	412	2 3 045 040 3 4 060 070 2 3 045 040						
3	500	D 0 20 3 3124 924 99 99						
5	505	-15 1 31383 0 1 31333 50 1 31276 90 1 31266 108 1 31270						
5	506	158 1 31259 170 2 31264 171 2 31235 174 2 31234 176 2 31248						
5	507	188 2 31242 195 2 31246 203 2 31259 210 3 31267 260 3 31257						
5	508	310 3 31259 346 3 31270 355 3 31324 365 3 31333 380 3 31346						
6	510	2 3 045 040 3 4 060 070 2 3 045 040						

\*\*\* INPUT CARD PRINTOUT \*\*\*

	1	2	3	4	5	6	7	8
.....	5.....	0.....	5.....	0.....	5.....	0.....	5.....	0.....
3	600 E	0 20	3 3126	1136 99 99				
5	605	-10 1	31386	0 1 31336	4 1 31322	50 1 31291	100 1 31277	
5	606	150 1	31274	195 1 31274	204 2 31280	204 2 31258	205 2 31249	
5	607	211 2	31245	212 2 31248	216 2 31264	225 2 31271	231 3 31288	
5	608	250 3	31277	278 3 31274	300 3 31279	332 3 31294	340 3 31350	
6	610 2	3 045 040	3 4 060 070	2 3 045 040				

PAGE 1 OF EDITING NOTES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK

SECID	ERROR SEVERITY	FIRST VARIABLE NO.	ERROR MESSAGE	SECOND VARIABLE NO.	VALUE ASSUMED
B0-BC	WARNING	STATION 13	IS LESS THAN	STATION 12	

INPUT SUMMARY FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK

CROSS SECTIONS: PROPERTIES FOR HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK

8 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 8 TYPE 3 CARDS

KEPT 8 CROSS SECTIONS FOR EDITING

8 " " VALID FOR PROPERTY COMPUTATIONS

8 " " " " PROFILE "

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=D AT DISTANCE= -135 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3119.0	19	482	1.00	23	23	218	241	96
3128.9	4330	619643	1.19	536	546	4	540	63883
3131.0	5461	901191	1.19	540	552	0	540	90265

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=A AT DISTANCE= 170 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	3414	572504	1.02	400	419	430	830	55895
3131.0	3854	698762	1.02	400	421	430	830	67036

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=B-TW AT DISTANCE= 708 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	5116	748321	1.04	762	772	400	1162	73657
3135.0	6757	1152246	1.04	800	811	400	1200	109289

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=B0-BC AT DISTANCE= 708 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	2	23	1.00	12	13	10	22	6
3126.7	93	3655	1.00	0	62	0	28	0

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=C-APP AT DISTANCE= 780 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	2592	317138	1.02	401	405	-9	391	36989



CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=D AT DISTANCE= 924 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	2509	308072	1.04	374	378	-1	372	36136
3138.3	4215	705564	1.04	395	404	-14	380	76548

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=E AT DISTANCE= 1136 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	2591	348578	1.03	345	351	-4	340	39619
3138.6	3528	575821	1.03	350	360	-9	340	62455

\*\*\* INPUT CARD PRINTOUT \*\*\*

1 2 3 4 5 6 7 8  
.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0

7 611 2 2  
8 612 0 0

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PROFILE NUMBER 1, DOWNSTREAM COMPUTATIONS

SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

E	; WS TOO LOW			ASSUMED WS = WSC
D	; WS NOT FOUND BETWEEN			
		; WS = 3126.96 & WS = 3123.60;		USED DEL = 0.25
D	; WS NOT FOUND BETWEEN			
		; WS = 3126.96 & WS = 3123.60;		USED KE = 0.5
D	; WS NOT FOUND			ASSUMED WS = WSC
C-APP	; WS NOT FOUND BETWEEN			
		; WS = 3126.43 & WS = 3122.90;		USED DEL = 0.25
C-APP	; WS NOT FOUND BETWEEN			
		; WS = 3126.43 & WS = 3122.90;		USED KE = 0.5
C-APP	; WS NOT FOUND			ASSUMED WS = WSC
BO-BC	; WS NOT FOUND BETWEEN			
		; WS = 3126.57 & WS = 3122.20;		USED DEL = 0.25
BO-BC	; WS NOT FOUND BETWEEN			
		; WS = 3126.57 & WS = 3122.20;		USED KE = 0.5
BO-BC	; WS NOT FOUND			ASSUMED WS = WSC
B-TW	; WS TOO HIGH			ASSUMED WS = WSC
A	; WS NOT FOUND BETWEEN			
		; WS = 3122.07 & WS = 3118.80;		USED DEL = 0.25
A	; WS NOT FOUND BETWEEN			
		; WS = 3122.07 & WS = 3118.80;		USED KE = 0.5
A	; WS NOT FOUND			ASSUMED WS = WSC
D	; WS NOT FOUND BETWEEN			
		; WS = 3121.80 & WS = 3117.90;		USED DEL = 0.25
D	; WS NOT FOUND BETWEEN			
		; WS = 3121.80 & WS = 3117.90;		USED KE = 0.5
D	; WS NOT FOUND			ASSUMED WS = WSC

WATER-SURFACE PROFILE FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PAGE 1 OF 1, PROFILE NUMBER 1, DOWNSTREAM COMPUTATIONS

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW	WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID	
E	AT	1136	0	1210.	234.	7523.	1.08	71.	313.	3128.51	0.45								*IS*
D	AT	924	-212	1210.	239.	7446.	1.14	76.	345.	3126.96	0.46	*****	*****						*XS*
C-APP	AT	780	-144	1210.	260.	8713.	1.20	74.	342.	3126.43	0.41	*****	*****						*AS*
BO-BC	AT	708	-72	1210.	92.	4481.	1.00	0.	28.	3126.57	2.67	*****	*****						*BO*
B-TW	AT	708	0	1210.	355.	11132.	1.16	400.	911.	3125.77	0.21	*****	*****						*XS*
A	AT	170	-538	1210.	284.	8536.	1.12	430.	830.	3122.07	0.32	*****	*****						*XS*
D	AT	-135	-305	3090.	621.	28558.	1.42	108.	540.	3121.80	0.55	*****	*****						*XS*

END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
PROFILE NUMBER 1. DOWNSTREAM COMPUTATIONS.

ELSECID: 77070001 TSPA: 100&500 B-TW: 100 BC: 100 C-APP: 100 D: 100  
WSC 3121.80 3122.07 3125.77 3126.57 3126.43 3126.96 3128.51

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PROFILE NUMBER 2, DOWNSTREAM COMPUTATIONS

SECID	ERROR(WARNING) MESSAGE	INTERMEDIATE RESULTS(IF ANY)	ACTION TAKEN
E	; WS TOO LOW		ASSUMED WS = WSC
D	; WS NOT FOUND BETWEEN	; WS = 3127.30 & WS = 3123.60;	USED DEL = 0.25
D	; WS NOT FOUND BETWEEN	; WS = 3127.30 & WS = 3123.60;	USED KE = 0.5
D	; WS NOT FOUND		ASSUMED WS = WSC
C-APP	; WS NOT FOUND BETWEEN	; WS = 3126.71 & WS = 3122.90;	USED DEL = 0.25
C-APP	; WS NOT FOUND BETWEEN	; WS = 3126.71 & WS = 3122.90;	USED KE = 0.5
C-APP	; WS NOT FOUND		ASSUMED WS = WSC
BO-BC	; WS NOT FOUND BETWEEN	; WS = 3126.64 & WS = 3122.20;	USED DEL = 0.25
BO-BC	; WS NOT FOUND BETWEEN	; WS = 3126.64 & WS = 3122.20;	USED KE = 0.5
BO-BC	; WS NOT FOUND		ASSUMED WS = WSC
B-TW	; WS TOO HIGH		ASSUMED WS = WSC
A	; WS NOT FOUND BETWEEN	; WS = 3122.30 & WS = 3118.80;	USED DEL = 0.25
A	; WS NOT FOUND BETWEEN	; WS = 3122.30 & WS = 3118.80;	USED KE = 0.5
A	; WS NOT FOUND		ASSUMED WS = WSC
D	; WS NOT FOUND BETWEEN	; WS = 3122.03 & WS = 3117.90;	USED DEL = 0.25
D	; WS NOT FOUND BETWEEN	; WS = 3122.03 & WS = 3117.90;	USED KE = 0.5
D	; WS NOT FOUND		ASSUMED WS = WSC

WATER-SURFACE PROFILE FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PAGE 1 OF 1, PROFILE NUMBER 2, DOWNSTREAM COMPUTATIONS

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW
WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID	
E	AT	1136 /	0 /	1880. /	316. /	11492. /	1.04 /	59. /	320.
		3128.84 /	0.57 /		3129.41 /	5.95 /	0.97 /		*IS*
D	AT	924 /	-212 /	1880. /	334. /	12110. /	1.08 /	62. /	347.
		3127.30 /	0.53 /	***** /	3127.83 /	5.63 /	0.95 /	*****	*XS*
C-APP	AT	780 /	-144 /	1880. /	338. /	12793. /	1.12 /	65. /	343.
		3126.71 /	0.54 /	***** /	3127.25 /	5.57 /	0.94 /	*****	*AS*
BO-BC	AT	708 /	-72 /	1880. /	93. /	3981. /	1.00 /	0. /	28.
		3126.64 /	6.32 /	***** /	3132.96 /	20.16 /	1.95 /	*****	*B0*
B-TW	AT	708 /	0 /	1880. /	474. /	16786. /	1.13 /	400. /	936.
		3126.00 /	0.28 /	***** /	3126.27 /	3.97 /	0.79 /	*****	*XS*
A	AT	170 /	-538 /	1880. /	375. /	13081. /	1.04 /	430. /	830.
		3122.30 /	0.41 /	***** /	3122.71 /	5.02 /	0.93 /	*****	*XS*
D	AT	-135 /	-305 /	4190. /	723. /	36601. /	1.35 /	102. /	540.
		3122.03 /	0.69 /	***** /	3122.72 /	5.79 /	0.91 /	*****	*XS*

END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
PROFILE NUMBER 2, DOWNSTREAM COMPUTATIONS

SECID	D	A	B-TW	BO-BC	C-APP	D	E
WSC	3122.03	3122.30	3126.00	3126.64	3126.71	3127.30	3128.84



\*\*\* INPUT CARD PRINTOUT \*\*\*

	1	2	3	4	5	6	7	8
1	1	HODGES CREEK FLOODWAY REVI SED						
2	2	312490						
3	100	A	1	16	3	3120	170	99 99
4	101	1210						
5	107	430	1	31310	430	1	31218	500 1 31218 600 1 31207 611 1 31218
5	108	619	2	31214	620	2	31198	624 2 31194 629 2 31189 633 2 31186
5	109	637	3	31223	666	3	31215	700 3 31215 800 3 31212 830 3 31212
5	110	830	3	31310				
6	111	2	3	040 035	3	4	060 065	2 3 040 035
3	200	R-TW	0	18	3	3123	708	99 99
5	205	400	1	31350	400	1	31253	500 1 31247 600 1 31250 616 2 31259
5	206	630	2	31248	635	2	31236	637 2 31224 642 2 31223 646 2 31222
5	207	648	2	31238	654	3	31253	700 3 31254 800 3 31256 900 3 31258
5	208	1000	3	31267	1100	3	31294	1200 3 31350
6	210	2	3	040 035	3	4	060 065	2 3 040 035
3	300	RD-RC	2	13	1	3123	708	0 31266 3 0
5	305	0	1	31265	0	1	31237	1 1 31234 5 1 31233 8 1 31231
5	306	14	1	31228	17	1	31230	19 1 31229 21 1 31220 23 1 31241
5	307	28	1	31245	28	1	31267	0 -9 31265
6	310	1	2	050 050				
3	350	RD-RC	4	11	2	34	1	2 1 1 2
5	355	0	1	31310	0	1	31270	50 1 31271 100 1 31273 150 1 31276
5	356	217	1	31284	231	2	31285	245 2 31286 300 2 31295 350 2 31302
5	357	395	2	31310				
3	400	C-APP	5	21	3	3124	780	1 3
5	405	-10	1	31330	0	1	31280	22 1 31281 37 1 31276 87 1 31260
5	406	137	1	31258	183	1	31257	199 1 31251 205 2 31250 212 2 31240
5	407	216	2	31241	220	2	31232	227 2 31227 228 2 31232 233 3 31252
5	408	243	3	31255	250	3	31254	300 3 31254 341 3 31259 348 3 31296
5	409	391	3	31314				
6	412	2	3	045 040	3	4	060 070	2 3 045 040
3	500	D	0	20	3	3124	924	99 99
5	505	-15	1	31303	0	1	31333	50 1 31276 90 1 31266 108 1 31270
5	506	158	1	31259	170	2	31264	171 2 31235 174 2 31234 176 2 31248
5	507	188	2	31242	195	2	31246	203 2 31259 210 3 31267 260 3 31257
5	508	310	3	31259	346	3	31270	355 3 31324 365 3 31333 380 3 31346
6	510	2	3	045 040	3	4	060 070	2 3 045 040
3	600	F	0	20	3	3126	1136	99 99
5	605	-10	1	31386	0	1	31336	4 1 31322 50 1 31291 100 1 31277
5	606	150	1	31274	195	1	31274	204 2 31280 204 2 31258 205 2 31249
5	607	211	2	31245	212	2	31248	216 2 31264 225 2 31271 231 3 31288
5	608	250	3	31277	278	3	31274	300 3 31279 332 3 31294 340 3 31350
6	610	2	3	045 040	3	4	060 070	2 3 045 040

OK  
USE

*Encroachment to top of low water bank on right bank; no encroachment on left at A&B TW*

PAGE 1 OF EDITING NOTES FOR: HODGES CREEK FLOODWAY REVI SED FIRST

SECID	ERROR SEVERITY	FIRST VARIABLE NO.	ERROR MESSAGE	SECOND VARIABLE NO.	VALUE ASSUMED
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BO-BC	WARNING	STATION 13	IS LESS THAN	STATION 12	
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INPUT SUMMARY FOR: HODGES CREEK FLOODWAY REVI SED FIRST

7 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 7 TYPE 3 CARDS

KEPT 7 CROSS SECTIONS FOR EDITING

7 " " VALID FOR PROPERTY COMPUTATIONS

7 " " " " PROFILE "

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=A AT DISTANCE= 170 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	3414	572504	1.02	400	419	430	830	55895
3131.0	3854	698762	1.02	400	421	430	830	67036

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=B-TW AT DISTANCE= 708 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	5116	748321	1.04	762	772	400	1162	73657
3135.0	6757	1152246	1.04	800	811	400	1200	109289

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=BO-BC AT DISTANCE= 708 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	2	23	1.00	12	13	10	22	6
3126.7	93	3655	1.00	0	62	0	28	0

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=C-APP AT DISTANCE= 780 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	2592	317138	1.02	401	405	-9	391	36989

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=D AT DISTANCE= 924 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	2509	308072	1.04	374	378	-1	372	36136
3138.3	4215	705564	1.04	395	404	-14	380	76548

3

2

2

6

13

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
SECID=E AT DISTANCE= 1136

FIRST  
PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	2591	348578	1.03	345	351	-4	340	39619
3138.6	3528	575821	1.03	350	360	-9	340	62455

\*\*\* INPUT CARD PRINTOUT \*\*\*

.....5.....<sup>1</sup>.....5.....<sup>2</sup>.....0.....5.....<sup>3</sup>.....0.....5.....<sup>4</sup>.....0.....5.....<sup>5</sup>.....0.....5.....<sup>6</sup>.....0.....5.....<sup>7</sup>.....0.....5.....<sup>8</sup>.....0

7 1001  
8 1002

1  
1

\*\*\* INPUT CARD PRINTOUT \*\*\*

.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0

9	1010	100	HOR	-999	637	312390		
9	1011	200	HOR	-999	654	312577		
9	1012	400	HOR	100	175	275	312827	
9	1013	500	HOR	100	138	238	312839	
9	1014	600	HOR	100	160	260	312899	
9	1015		END				FLOODWAY REVISED	100



CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=A AT DISTANCE= 170 FIRST  
 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	1781	288452	1.07	207	225	430	637	28572
3131.0	2008	351497	1.08	207	227	430	637	34175

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=B-TW AT DISTANCE= 708 FIRST  
 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	2049	312163	1.10	254	270	400	654	31452
3135.0	2582	456437	1.11	254	275	400	654	44383

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=C-APP AT DISTANCE= 780 FIRST  
 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	804	93118	1.06	100	116	175	275	12570

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=D AT DISTANCE= 924 FIRST  
 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	820	88873	1.08	100	118	138	238	12806
3138.3	1260	174764	1.06	100	127	138	238	24580

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=E AT DISTANCE= 1136 FIRST  
 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.0	860	102622	1.08	100	120	160	260	13730
3138.6	1130	157722	1.08	100	125	160	260	20742

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK FLOODWAY REVISED  
PROFILE NUMBER: 1, UPSTREAM COMPUTATIONS

FIRST

SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

B-TW; KU/KD < 0.7 OR > 1.4

ALERTED USER

C-APP; WSU > BELMX (1)

CHECKED QRO (2)

WATER-SURFACE PROFILE FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 PAGE 1 OF 1, PROFILE NUMBER 1, UPSTREAM COMPUTATIONS  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

SECID	AT	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW	WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID
A	170	0	1210.	746.	67938.	1.05	430.	637.	3124.90	0.04			3124.94	1.62	0.16		*IS*
B-TW	708	538	1210.	279.	10112.	1.00	400.	654.	3125.93	0.29	1.15	0.13	3126.22	4.34	0.78	0.010	*XS*
===== BEGIN BRIDGE ANALYSIS =====																	
BO-BC	708		689.	93.	3655.	1.00	0.	28.	3126.70	0.84	...	2.001		7.37	0.71		*BO*
===== EMBANKMENT OVERFLOW (CFS) / LEFT 515. / RIGHT 0. / *RG* =====																	
C-APP	780	72	1210.	197.	9180.	1.02	175.	275.	3126.93	0.60	1.14	0.15	3127.53	6.13	0.67	0.017	*AS*
M = **** / E = **** / K* = **** / 321. / 20403. / 1.03 / 175. / 275. 3128.17 / 0.23 / / 3128.40 / 3.76 / 0.43 / *AS*																	
===== END BRIDGE ANALYSIS =====																	
D	924	144	1210.	306.	17189.	1.03	138.	238.	3128.76	0.25	0.60	0.01	3129.01	3.96	0.32	0.000	*XS*
E	1136	212	1210.	266.	14524.	1.04	160.	260.	3129.97	0.34	1.24	0.04	3130.30	4.55	0.58	0.002	*XS*

END OF THIS PROFILE

SUMMARY OF ENCROACHMENTS FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 RESULTS OF THE FLOODWAY ANALYSIS ENTITLED FLOODWAY REVISED 100 (PROFILE  
 NUMBER 1, UPSTREAM COMPUTATIONS) ARE COMPARED TO THE RESULTS OF THE  
 BASE PROFILE (PROFILE NUMBER 1, UPSTREAM COMPUTATIONS). PAGE 1 OF 1

SECID	CARD 3 SEQUENCE	TYPE	FW OPTION	ENCROACHMENT		SURCHARGE		CHANNEL WIDTH	
				LEFT	RIGHT	IDEAL	ACTUAL	NATURAL	FLOODWAY
A	100	1	HOR	NO	YES	*****	1.00	*****	207
B-TW	200	0	HOR	NO	YES	*****	0.16	*****	254
BO-BC	300	2	N.A.	N.A.	N.A.	*****	0.93	*****	28
RD-BC	350	4	N.A.	N.A.	N.A.	*****	*****	*****	*****
C-APP	400	5	HOR	YES	YES	*****	-0.10	*****	100
D	500	0	HOR	YES	YES	*****	0.37	*****	100
E	600	0	HOR	YES	YES	*****	0.98	*****	100