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2	HEC2 VERSION UPDATED JAN 1975										
3	ERROR CORRECTIONS 01,02,03,04,05,06,07,08										
4	MODIFICATIONS 52,53,54,55,56,57,58										
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11	I THOMASVILLE-DAVIDSON CO. STRM 25T										
12	T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918										
13	T3 10 YEAR FLOOD WATER SURFACE PROFILE										
14											
15	J1	ICHECK	INQ	NINV	IDIR	STRT	METHIC	HVINS	Q	WSEL	EQ
16											
17		-1.	2.	0.	0.	0.007000	0.0	0.0	0.	754.100	0.0
18											
19	J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
20											
21		0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22											
23	J3	1.000	34.000	3.000	4.000	27.000	28.000	26.000	0.0	0.0	0.0
24	NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
25	QT	5.000	185.000	355.000	450.000	689.000	450.000	0.0	0.0	0.0	0.0
26	ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
27											
28	X1	400.000	10.000	1095.000	1106.000	400.000	400.000	400.000	0.0	0.0	0.0
29	GR	765.300	1000.000	750.400	1095.000	749.200	1096.000	749.100	1100.000	749.300	1105.000
30	GR	750.900	1106.000	754.100	1144.000	756.600	1167.000	758.800	1200.000	765.200	1271.000
31											
32	X1	450.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
33	NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
34											
35	X1	500.000	18.000	1402.300	1405.600	50.000	50.000	50.000	0.0	0.0	0.0
36	GR	778.300	1000.000	772.900	1100.000	768.100	1200.000	764.000	1300.000	762.500	1360.000
37	GR	756.400	1402.300	755.700	1402.500	755.100	1403.000	754.700	1404.000	755.100	1405.000
38	GR	735.700	1405.400	756.400	1405.600	756.500	1410.000	759.700	1448.000	762.200	1471.000
39	GR	762.400	1500.000	765.800	1600.000	771.600	1700.000	0.0	0.0	0.0	0.0
40	SB	0.900	1.500	2.500	0.0	3.300	0.010	8.600	0.0	0.0	0.0
41											
42	X1	604.000	0.0	0.0	0.0	104.000	104.000	104.000	0.0	0.0	0.0
43	X2	0.0	0.0	1.000	758.000	761.400	0.0	0.0	0.0	0.0	0.0
44	BT	15.000	1000.000	778.300	0.0	1100.000	772.900	0.0	1200.000	768.100	0.0
45	BT	1300.000	764.000	0.0	1400.000	761.400	0.0	1402.300	761.800	756.400	1402.500
46	BT	761.400	757.100	1403.000	761.400	757.600	1404.000	761.400	758.000	1405.000	761.400
47	BT	757.600	1405.400	761.400	757.100	1405.600	761.400	756.400	1500.000	762.400	0.0
48	BT	1600.000	765.800	0.0	1700.000	771.600	0.0	0.0	0.0	0.0	0.0
49	NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
50											
51	X1	654.000	10.000	1095.000	1106.000	50.000	50.000	50.000	0.0	6.400	0.0
52	GR	765.300	1000.000	750.400	1095.000	749.200	1096.000	749.100	1100.000	749.300	1105.000
53	GR	750.900	1106.000	754.100	1144.000	756.600	1167.000	758.800	1200.000	765.200	1271.000
54											
55	X1	704.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.800	0.0
56	QT	5.000	142.000	278.000	356.000	556.000	356.000	0.0	0.0	0.0	0.0
57											
58	X1	1350.000	11.000	1080.000	1097.000	646.000	646.000	646.000	0.0	0.0	0.0
59	GR	788.300	1000.000	778.900	1060.000	771.800	1080.000	770.800	1081.000	770.700	1090.000
60	GR	770.000	1026.000	770.000	1097.000	770.000	1100.000	770.000	1151.000	780.000	1200.000

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,58

T1 THOMASVILLE-DAVIDSON CO. STRM 25T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F0
	-10.	3.	0.	0.	0.007000	0.0	0.0	0.	755.100	0.0
J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2,000	0.0	-1,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
400.00	3.60	752.70	0.0	755.10	753.36	0.67	0.0	0.0	750.40
355.	41.	273.	40.	17.	37.	19.	0.	0.	750.90
0.0	2.46	7.36	2.10	0.055	0.035	0.055	0.0	749.10	1080.36
0.006994	400.	400.	400.	0	0	5	0.0	46.97	1127.33

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
450.00	3.36	753.26	753.26	0.0	754.13	0.87	0.41	0.0	751.20
355.	37.	286.	33.	14.	35.	15.	0.	0.	751.70
0.00	2.69	8.26	2.25	0.055	0.035	0.055	0.034	749.90	1081.84
0.009679	50.	50.	50.	30	11	1	0.0	42.74	1124.58

CCHV= 0.100 CEHV= 0.300

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

 HEC2 VERSION UPDATED JAN 1975
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08
 MODIFICATIONS 52,53,54,55,56,57,58

T1 THOMASVILLE-DAVIDSON CO. STRM 25T
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-10.	4.	0.	0.	0.007000	0.0	0.0	0.	757.100	0.0
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	IAB	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
400.00	3.96	753.06	0.0	757.10	753.78	0.72	0.0	0.0	750.40
450.	61.	323.	66.	23.	41.	28.	0.	0.	750.90
0.0	2.70	7.86	2.37	0.055	0.035	0.055	0.0	749.10	1078.05
0.006965	400.	400.	400.	0	0	6	0.0	53.60	1131.64

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
450.00	3.73	753.63	753.63	0.0	754.55	0.92	0.40	0.0	751.20
450.	56.	338.	56.	19.	39.	22.	0.	0.	751.70
0.00	2.95	0.75	2.55	0.055	0.035	0.055	0.034	749.90	1079.51
0.009389	50.	50.	50.	30	11	1	0.0	49.41	1128.92

CCHV= 0.100 CEHV= 0.300

3685 20 TRIALS USED WSEL,CWSEL

7185 MIN SPECIFIC ENERGY

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
400.00	400.00	0.0	0.0	749.10	185.00	751.83	22.28	752.34	31.26	0.0	0.0	6.01
400.00	400.00	0.0	0.0	749.10	355.00	752.70	42.45	753.36	46.97	0.0	0.0	7.36
400.00	400.00	0.0	0.0	749.10	450.00	753.06	53.92	753.78	53.60	0.0	0.0	7.86
400.00	400.00	0.0	0.0	749.10	689.00	753.77	82.52	754.59	66.65	0.0	0.0	8.84
450.00	50.00	0.0	0.0	749.90	185.00	752.29	16.59	753.08	24.96	0.0	0.0	7.31
450.00	50.00	0.0	0.0	749.90	355.00	753.26	36.08	754.13	42.74	0.0	0.0	8.26
450.00	50.00	0.0	0.0	749.90	450.00	753.63	46.44	754.55	49.41	0.0	0.0	8.75
450.00	50.00	0.0	0.0	749.90	689.00	754.35	72.48	755.36	62.48	0.0	0.0	9.72
500.00	50.00	0.0	0.0	754.70	185.00	757.90	21.85	758.41	34.70	0.0	0.0	7.33
500.00	50.00	0.0	0.0	754.70	355.00	758.50	42.98	759.12	46.04	0.0	0.0	8.17
500.00	50.00	0.0	0.0	754.70	450.00	758.72	53.16	759.43	50.18	0.0	0.0	8.74
500.00	50.00	0.0	0.0	754.70	689.00	759.26	84.17	760.05	60.24	0.0	0.0	9.28
604.00	104.00	761.40	758.00	754.70	185.00	762.16	475.59	762.17	108.37	0.0	0.0	0.63
604.00	104.00	761.40	758.00	754.70	355.00	762.66	591.88	762.67	154.41	0.0	0.0	1.02
604.00	104.00	761.40	758.00	754.70	450.00	762.84	642.62	762.86	167.13	0.0	0.0	1.21
604.00	104.00	761.40	758.00	754.70	689.00	763.22	756.45	763.25	192.96	0.0	0.0	1.62
654.00	50.00	0.0	0.0	755.50	185.00	762.16	219.60	762.17	98.43	0.0	0.0	1.14
654.00	50.00	0.0	0.0	755.50	355.00	762.65	266.98	762.68	106.10	0.0	0.0	1.89
654.00	50.00	0.0	0.0	755.50	450.00	762.83	285.48	762.87	108.86	0.0	0.0	2.28
654.00	50.00	0.0	0.0	755.50	689.00	763.20	326.64	763.27	115.73	0.0	0.0	3.15
704.00	50.00	0.0	0.0	756.30	185.00	762.16	154.20	762.18	96.01	0.0	0.0	1.49
704.00	50.00	0.0	0.0	756.30	355.00	762.65	193.17	762.70	93.72	0.0	0.0	2.41
704.00	50.00	0.0	0.0	756.30	450.00	762.82	208.14	762.89	96.43	0.0	0.0	2.89
704.00	50.00	0.0	0.0	756.30	689.00	763.19	242.17	763.31	102.20	0.0	0.0	3.95
1350.00	646.00	0.0	0.0	770.70	142.00	772.12	10.66	772.77	17.65	0.0	0.0	6.47
1350.00	646.00	0.0	0.0	770.70	278.00	772.97	24.76	773.82	34.45	0.0	0.0	7.48
1350.00	646.00	0.0	0.0	770.70	356.00	773.43	36.32	774.22	54.41	0.0	0.0	7.43
1350.00	646.00	0.0	0.0	770.70	556.00	774.17	65.03	774.90	80.72	0.0	0.0	7.66
2400.00	1050.00	0.0	0.0	808.20	102.00	810.08	7.34	810.84	9.85	0.0	0.0	6.97
2400.00	1050.00	0.0	0.0	808.20	203.00	810.99	16.34	812.09	13.14	0.0	0.0	8.92
2400.00	1050.00	0.0	0.0	808.20	264.00	811.46	22.40	812.70	14.39	0.0	0.0	9.05
2400.00	1050.00	0.0	0.0	808.20	420.00	812.45	38.62	813.96	18.91	0.0	0.0	10.19
SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH				
400.000	185.000	751.834	0.0	0.0	0.0	31.258	0.0	400.000				
400.000	355.000	752.696	0.861	0.0	0.0	46.972	-15.714	400.000				
400.000	450.000	753.059	0.363	0.0	0.0	53.595	-22.337	400.000				
400.000	689.000	753.774	0.715	0.0	0.0	66.650	-35.392	400.000				
450.000	185.000	752.289	0.0	0.455	0.0	24.958	0.0	50.000				
450.000	355.000	753.263	0.974	0.568	0.0	42.737	-17.779	50.000				
450.000	450.000	753.629	0.366	0.570	0.0	49.407	-24.449	50.000				
450.000	689.000	754.345	0.717	0.572	0.0	62.485	-37.527	50.000				

A 3/18
B 4/18
C 5/27
D 6/22
E 12/98

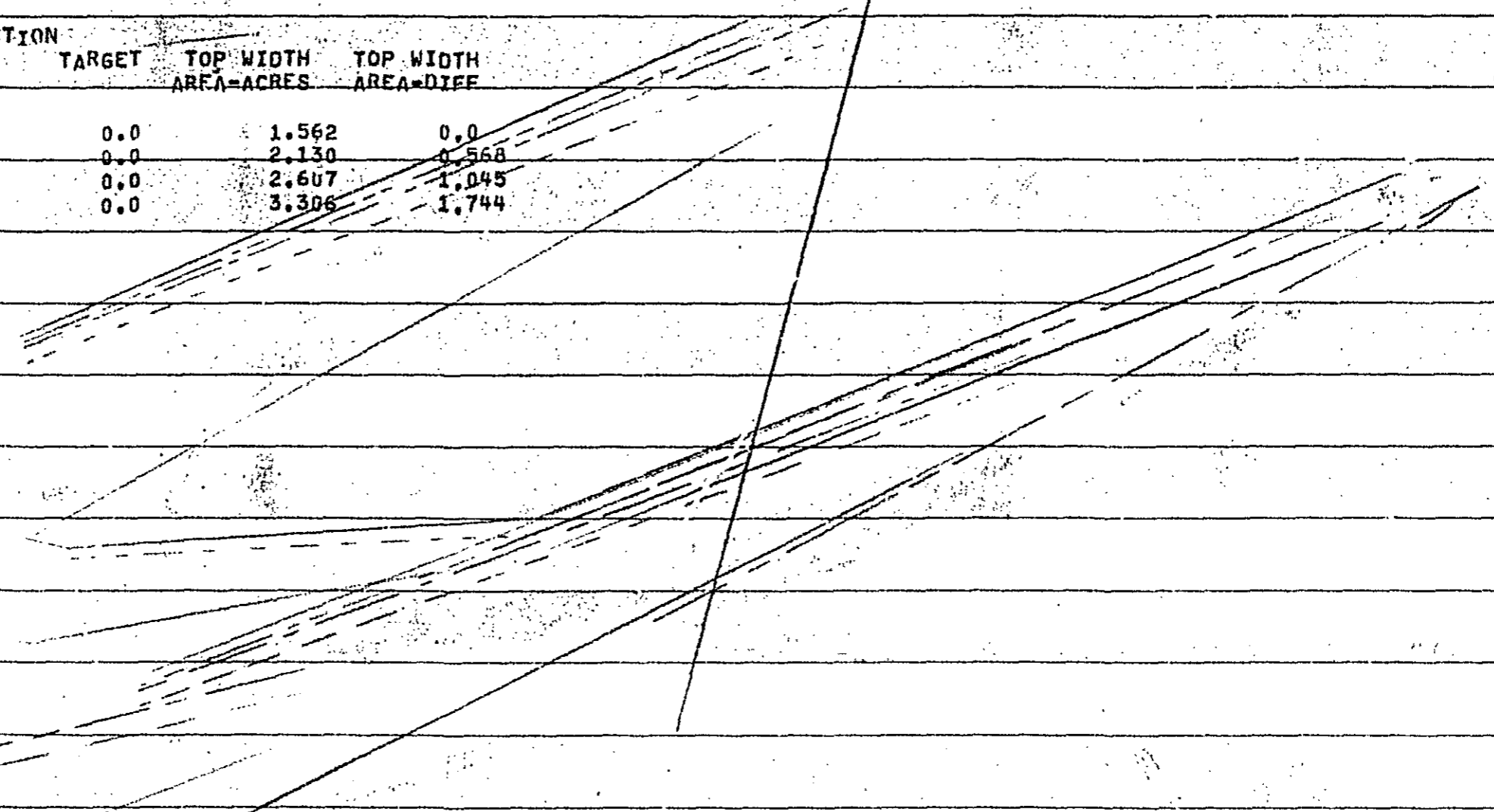
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500,000	185,000	757,898	0.0	5,609	0.0	34,701	0.0	50,000
500,000	355,000	758,501	0.603	5,238	0.0	46,044	-11.343	50,000
500,000	450,000	758,720	0.219	5,092	0.0	50,177	-15.476	50,000
500,000	689,000	759,256	0.535	4,910	0.0	60,239	-25.538	50,000
604,000	185,000	762,161	0.0	4,263	0.0	108,374	0.0	104,000
604,000	355,000	762,659	0.498	4,158	0.0	154,407	-46.033	104,000
604,000	450,000	762,840	0.181	4,119	0.0	167,125	-58.751	104,000
604,000	689,000	763,220	0.380	3,964	0.0	192,960	-84.585	104,000
654,000	185,000	762,158	0.0	-0.003	0.0	98,434	0.0	50,000
654,000	355,000	762,650	0.493	-0.008	0.0	106,095	-7.662	50,000
654,000	450,000	762,827	0.177	-0.013	0.0	108,864	-10.430	50,000
654,000	689,000	763,196	0.368	-0.024	0.0	115,733	-17.300	50,000
704,000	185,000	762,157	0.0	-0.001	0.0	86,010	0.0	50,000
704,000	355,000	762,648	0.491	-0.003	0.0	93,721	-7.711	50,000
704,000	450,000	762,824	0.176	-0.004	0.0	96,434	-10.425	50,000
704,000	689,000	763,190	0.366	-0.006	0.0	102,195	-16.186	50,000
1350,000	142,000	772,124	0.0	9,967	0.0	17,651	0.0	646,000
1350,000	278,000	772,973	0.849	10,325	0.0	34,451	-16.801	646,000
1350,000	356,000	773,430	0.458	10,607	0.0	84,410	-36.759	646,000
1350,000	556,000	774,170	0.740	10,981	0.0	80,723	-63.072	646,000
2400,000	102,000	810,081	0.0	37,956	0.0	9,852	0.0	1050,000
2400,000	203,000	810,993	0.912	38,020	0.0	13,144	-3,292	1050,000
2400,000	264,000	811,460	0.467	38,029	0.0	14,993	-5,141	1050,000
2400,000	420,000	812,450	0.990	38,279	0.0	18,909	-9,057	1050,000

DATA FOR LAST CROSS SECTION
 PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH
 AREA-ACRES AREA-DIFF

1	0.0	0.0	1.562	0.0
2	0.0	0.0	2.130	0.568
3	0.0	0.0	2.607	1.045
4	0.0	0.0	3.306	1.744



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