

Exhibit ACH2

# Adams Creek HEC-2 Output

Study Contractor : Hayes, Seay, Mattern & Mattern  
Contract Number : EMW-90-C-310  
HSMM Number : 2373

Multiple Output

# Adams Creek HEC-2 Output Multiple

Study Contractor : Hayes, Seay, Mattern & Mattern  
Contract Number : EMW-90-C-3101  
HSMM Number : 2373

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\* HEC-2 WATER SURFACE PROFILES \*  
\* \*  
\* Version 4.6.2; May 1991 \*  
\* \*  
\* RUN DATE 05OCT91 TIME 17:55:35 \*  
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\* U.S. ARMY CORPS OF ENGINEERS \*  
\* HYDROLOGIC ENGINEERING CENTER \*  
\* 609 SECOND STREET, SUITE D \*  
\* DAVIS, CALIFORNIA 95616-4687 \*  
\* (916) 756-1104 \*  
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HAYES, SEAY, MATTERN & MATTER, INC.  
ROANOKE, VIRGINIA - GREENSBORO, NORTH CAROLINA  
COMMISSION NUMBER: 2373  
INPUT FILE NAME: AC\_MULT.HEC  
OUTPUT FILE NAME: AC\_MULT.OUT

\*\*\*\*\*  
HEC-2 WATER SURFACE PROFILES

Version 4.6.2; May 1991  
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T1 Hayes, Seay, Mattern & Mattern Cabarrus County, NC FIS  
T2 Proj. No. EMW-90-C-31.01 Eng:LJM/EKL ET:TFH Comm. No. 2373  
T3 Adams Creek (ADAMS.IN) Date: 10/05/91 10-Year Event

J1 ICHECK INQ MINV IDIR STRT METRIC HVINS Q VSEL FQ  
2.0 0.0028 515.0  
J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNTH ITRACE  
1. -1.0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

101. 150.

J5 LPRINT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10.  
NC 0.18 0.18 0.05 0.1 0.3 0.15 4950. 0.14  
NH 7. 1. 4886. 0.27 4913. 0. 0. 5035.  
RH 5043. 0.26 5058. 1. 5295. 0. 0. 0.  
QT 8. 4539. 7198. 8373. 11895. 2047. 3437. 5947.  
ET 0.20 0.00 0.00 0.00 0.00 10.41 0.00 0.00 0.00

\*\*\*\*\*  
HEC-2 Input file created with CodeH2  
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Version: 3.79  
\*\*\*\*\*  
CodeH2 Copyrighted 1986 - 1991  
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Run Date: Saturday October 5, 1991  
\*\*\*\*\*  
Run Time: 17:55:19  
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The Following Options Have Been Activated:  
1. MULTIPLE Option.  
2. HECI Option.  
3. SUMMARY\_150 Option.  
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Cross Section 0.5  
Cross Section A (HSM Draft)

X1	625.	22.	4950.	5035.	625.	625.	625.	0.	4560.
GR	530.	3890.	525.	3990.	520.	515.	4490.	510.	4980.
GR	510.	4665.	510.	4886.	510.	4913.	4950.	505.	5020.
GR	498.35	4991.	497.55	4999.99	497.55	498.35	5020.	505.	5245.
GR	510.	5035.	510.24	5043.	510.71	515.	5205.	520.	0.
GR	525.	5265.	530.	5295.	0.	0.	0.	0.	0.
NH	7.	1.	4886.	0.27	4913.	0.15	0.056	5027.	0.14
NH	5050.	0.26	5059.	1.	5100.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	5027.00	0.00	0.00

Cross Section 1.0  
Cross Section B (HSM Draft)

X1	1050.	28.	4966.	5027.	435.	435.	435.	0.	4229.
GR	540.	3926.	535.	4039.	530.	4113.	4164.	520.	4886.
GR	515.	4308.	510.	4376.	510.	4424.	4460.	510.77	4977.
GR	510.81	4913.	510.9	4961.	510.	4966.	508.9	501.9	5027.
GR	500.6	4991.	499.9	5000.	500.6	5010.	5020.	510.7	5066.
GR	510.2	5034.	515.	5050.	520.	5057.	5059.	525.	0.
GR	530.	5076.	535.	5085.	540.	5100.	0.	0.	0.
NH	7.	1.	4867.	0.28	4896.	0.16	0.056	5027.	0.16
NH	5047.	0.28	5066.	1.	5123.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	10.41	0.00	0.00	0.00

Cross Section 1.5  
Cross Section C (HSM Draft)

X1	1735.	23.	4966.	5027.	675.	675.	675.	0.	4104.
GR	540.	3863.	535.	3978.	530.	4014.	4046.	520.	4970.
GR	515.	4220.	514.05	4367.	514.01	4896.	4966.	512.81	5020.
GR	505.81	4977.	504.51	4991.	5000.	5000.	5010.	508.11	5082.
GR	514.61	5027.	517.06	5047.	519.39	5066.	5071.	525.	0.
GR	530.	5092.	535.	5105.	540.	5123.	0.	0.	0.
NH	7.	100.	4900.	0.29	4916.	0.17	0.056	5064.	0.18
NH	5090.	0.29	5180.	1.	5414.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	5142.00	0.00	0.00

Cross Section 2.0  
Cross Section D (HSM Draft)

X1	2546.	22.	4935.	5064.	811.	811.	811.	0.	4629.
GR	540.	4315.	535.	4389.	530.	4448.	4524.	520.	4955.
GR	515.	4894.	514.96	4900.	514.84	4916.	4935.	512.8	5064.
GR	509.24	4980.	508.4	5009.	509.	5024.	5044.	514.1	5298.
GR	515.24	5090.	519.21	5180.	520.	5198.	5246.	530.	0.
GR	535.	5352.	540.	5414.	0.	0.	0.	0.	0.

NH	7.	1.	4307.	0.29	4927.	0.17	4969.	0.059	5027.	0.17
NH	5062.	0.29	5083.	1.	5303.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	0.00

Cross Section 2.5  
Cross Section E (HSMM Draft)

X1	2937.	24.	4969.	5027.	391.	391.	391.		0.	
GR	550.	4525.	545.	4667.	540.	4753.	535.	4787.	530.	4830.
GR	525.	4857.	520.	4878.	518.41	4907.	517.31	4927.	515.	4969.
GR	509.03	4980.	508.43	4999.99	503.43	5000.	509.03	5024.	515.	5027.
GR	517.73	5062.	519.38	5083.	520.	5091.	525.	5139.	530.	5179.
GR	535.	5194.	540.	5224.	545.	5254.	550.	5303.	0.	0.
NH	7.	1.	4909.	0.3	4940.	0.18	4978.	0.059	5033.9	0.16
NH	5044.	0.28	5065.	1.	5108.	0.	0.	0.	0.	0.

Cross Section 3.0  
Cross Section F (HSMM Draft)

X1	3842.	27.	4978.	5033.9	905.	905.	905.		0.	
GR	550.	4281.	545.	4430.	540.	4483.	540.	4575.	540.	4599.
GR	540.	4629.	535.	4780.	530.	4855.	525.34	4909.	505.	4913.
ER	520.91	4940.	520.	4946.	520.1	4978.	517.2	4981.	513.5	4989.
GR	511.6	4990.	508.5	5000.	509.6	5006.	511.6	5015.	514.	5024.
GR	520.34	5033.9	520.4	5034.	521.8	5044.	525.	5057.	528.64	5065.
GR	535.	5079.	545.	5108.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4921.	0.29	4942.	0.18	4978.	0.059	5034.	0.17
NH	5080.	0.29	5109.	1.	5885.	0.	0.	0.	0.	0.

Cross Section 3.2  
Cross Section G (HSMM Draft)

X1	4763.	27.	4978.	5034.	921.	921.	921.		0.	
GR	550.	4721.	545.	4815.	540.	4872.	535.	4912.	533.33	4921.
GR	530.	4939.	529.12	4942.	525.	4956.	523.11	4978.	520.21	4981.
GR	516.51	4989.	514.61	4990.	511.51	5000.	512.61	5006.	514.61	5015.
GR	517.01	5024.	523.41	5034.	524.09	5080.	524.51	5109.	525.	5142.
GR	530.	5207.	535.	5384.	540.	5503.	545.	5625.	550.	5800.
GR	555.	5846.	560.	5885.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4882.	0.29	4921.	0.18	4957.	0.059	5036.	0.16
NH	5071.	0.29	5102.	1.	5614.	0.	0.	0.	0.	0.
X1	5734.7	34.	4957.	5036.	971.7	971.7	971.7		0.	
GR	560.	4359.	555.	4498.	550.	4546.	545.	4560.	540.	4576.
GR	535.	4631.	524.21	4882.	523.18	4906.	523.21	4921.	523.28	4957.
GR	523.28	4957.01	522.48	4958.	520.98	4979.	517.88	4982.	515.78	4987.
GR	515.52	4989.	514.78	4993.	514.68	5000.	515.08	5009.	515.58	5012.5
GR	516.38	5017.	519.58	5021.	520.80	5025.	522.28	5036.	523.48	5046.9
GR	530.	5048.	530.92	5071.	532.15	5102.	535.	5173.	540.	5225.
GR	545.	5262.	550.	5395.	555.	5506.	560.	5614.	0.	0.

MC	6.	0.29	4921.	0.3	0.5	0.059	5047.	0.18	5071.	0.29
NH	5102.	1.	5708.	0.18	4956.99	0.	0.	0.	0.	0.
X1	6034.7	68.	4957.	5047.	300.05	300.05	300.05	0.	0.	0.
X3	10.									
GR	550.	4307.	560.	4359.	552.56	4399.	555.68	527.96	5071.	4498.
GR	550.1	4545.	550.	4546.	545.	4560.	540.	4479.	555.	4630.99
GR	535.	4631.	531.41	4722.	525.11	4882.	524.16	4576.	535.	4906.
GR	524.19	4921.	524.26	4955.99	524.26	4956.	524.26	4956.01	524.16	4956.99
GR	524.26	4957.	524.26	4957.01	524.26	4957.02	524.25	4957.11	523.46	4968.
GR	521.95	4979.	518.86	4982.	516.97	4986.49	516.97	4986.5	516.76	4987.
GR	516.7	4987.49	516.69	4987.51	516.5	4989.	515.76	4993.	515.66	5000.
GR	516.06	5009.	5012.5	5012.5	517.27	5016.49	517.27	5016.5	517.36	5016.99
GR	517.76	5017.49	5017.51	5017.51	520.56	5021.	521.86	5025.	523.26	5036.
GR	524.46	5046.89	524.51	5046.9	524.96	5046.99	525.01	5047.	523.16	5047.98
GR	529.95	5047.99	530.	5048.	530.	5048.01	530.92	5071.	529.9	5102.
GR	532.32	5105.	535.	5173.	540.	5225.	541.05	5237.	545.	5282.
GR	546.42	5314.	549.91	5393.	550.	5395.	554.14	5487.	555.	5506.
GR	550.	5614.	560.	5618.	560.	5708.	0.	0.	0.	0.
SB	1.25	2.19	2.60	0.00	44.99	1.98	504.98	0.53	515.66	515.66
NH	6.	0.29	4921.	0.18	4956.99	0.059	5047.	0.18	5071.	0.29
NH	5102.	1.	5708.	0.	0.	0.	0.	0.	0.	0.

SR 1006

X1	6066.2	68.	4957.	5047.	31.5	31.5	31.5	0.00	0.00	0.00
X2	0.00	0.00	1.00	526.06	527.96	0.00	0.00	0.00	0.00	0.00
X3	10.									
BT	-68.	4307.	560.02	560.	4359.	560.02	560.	527.96	530.01	558.56
BT	4479.	4479.	555.7	555.68	4498.	555.02	555.	4399.	558.58	550.1
BT	4546.	4546.	550.02	550.	4560.	545.02	545.	4545.	550.12	540.2
BT	4530.99	540.	540.	535.	4631.	540.	535.	4576.	543.2	540.2
BT	4882.	4882.	528.88	525.11	4905.99	527.96	524.16	4722.	535.	531.41
BT	4921.	4921.	527.99	524.19	4955.99	528.06	524.26	4906.	527.96	524.16
BT	4956.01	4956.01	530.76	524.26	4956.99	530.76	524.26	4956.	530.76	524.26
BT	4957.01	4957.01	530.76	524.26	4957.02	530.76	524.26	4957.	530.76	524.26
BT	4568.	4568.	530.75	526.05	4979.	530.74	526.06	4957.11	530.76	526.06
BT	4986.49	4986.49	530.73	526.03	4985.5	530.73	526.04	4982.	530.73	526.03
BT	4987.49	4987.49	530.73	516.7	4987.51	530.73	516.97	4987.	530.73	516.76
BT	4973.	4973.	526.02	526.02	5000.	530.71	526.03	4989.	530.72	526.02
BT	5012.5	5012.5	530.7	526.	5016.49	530.69	526.01	5009.	530.7	526.02
BT	5016.99	5016.99	517.36	517.36	5017.49	530.69	525.99	5009.	530.7	526.02
BT	5021.	5021.	525.99	525.99	5025.	530.69	525.99	5009.	530.7	526.02
BT	5046.89	5046.89	530.66	525.96	5046.9	530.68	525.98	5036.	530.69	525.99
BT	5047.	5047.	530.66	525.01	5047.98	530.66	525.96	5046.99	530.67	525.97
BT	5048.	5048.	530.02	530.	5048.01	530.66	525.96	5047.99	530.66	525.95
BT	5102.	5102.	532.16	532.16	5048.01	530.02	529.9	5071.	530.94	530.92
BT	5225.	5225.	545.02	540.	5106.	532.34	532.32	5173.	535.02	535.
BT	5314.	5314.	546.44	545.42	5237.	541.07	541.05	5282.	545.02	545.
BT	5487.	5487.	554.16	554.14	5393.	549.93	549.91	5235.	550.02	550.
BT	5616.	5616.	560.02	560.	5506.	550.02	555.	5614.	560.02	560.
GR	560.	4507.	560.	4959.	558.56	4399.	555.68	0.	0.	0.
GR	560.	4507.	560.	4959.	558.56	4399.	555.68	4479.	555.	4498.

GR	550.1	4545.	550.	4546.	545.	4560.	540.	4576.	535.	4630.99
GR	535.	4631.	531.41	4722.	525.11	4882.	524.16	4905.99	524.16	4906.
GR	524.19	4921.	524.26	4955.99	524.26	4956.	524.26	4956.01	524.26	4956.99
GR	524.26	4957.	524.26	4957.01	526.06	4957.02	524.25	4957.11	523.46	4968.
GR	521.96	4979.	518.86	4982.	516.97	4986.49	516.97	4986.5	516.76	4987.
GR	516.7	4987.49	516.69	4987.51	516.5	4989.	515.76	4993.	515.66	5000.
GR	516.06	5009.	516.56	5012.5	517.27	5016.49	517.27	5016.5	517.36	5016.99
GR	517.76	5017.49	517.77	5017.51	520.56	5021.	521.86	5025.	523.26	5036.
GR	524.46	5046.89	524.51	5046.9	525.96	5046.99	525.01	5047.	529.9	5047.98
GR	529.95	5047.99	530.	5048.	530.	5048.01	530.92	5071.	532.16	5102.
GR	532.32	5106.	535.	5173.	540.	5225.	541.05	5237.	545.	5282.
GR	546.42	5314.	549.91	5393.	550.	5395.	554.14	5487.	555.	5506.
GR	560.	5614.	560.	5618.	560.	5708.	0.	0.	0.	0.

NH	6.	0.29	4921.	0.18	4956.99	0.059	5036.	0.18	5071.	0.29
NH	5102.	1.	5708.	0.	0.	0.	0.	0.	0.	0.
X1	6157.2	68.	4957.	5036.	101.	101.	101.	0.	0.	0.
GR	560.42	4307.	560.42	4359.	558.98	4399.	556.1	4479.	555.42	4498.
GR	550.52	4545.	550.42	4546.	545.42	4560.	540.42	4576.	535.42	4630.99
GR	535.42	4631.	531.83	4722.	525.53	4882.	524.58	4905.99	524.58	4906.
GR	524.61	4921.	524.68	4955.99	524.68	4956.	524.68	4956.01	524.68	4956.99
GR	524.68	4957.	524.68	4957.01	524.68	4957.02	524.67	4957.11	523.88	4968.
GR	522.38	4979.	519.28	4982.	517.39	4986.49	517.39	4986.5	517.18	4987.
GR	517.12	4987.49	517.11	4987.51	516.92	4989.	516.18	4993.	516.08	5000.
GR	516.45	5009.	516.98	5012.5	517.69	5016.49	517.69	5016.5	517.78	5016.99
GR	518.18	5017.49	518.19	5017.51	520.88	5021.	522.28	5025.	523.68	5036.
GR	524.88	5046.89	524.93	5046.9	525.38	5046.99	525.43	5047.	530.32	5047.98
GR	530.37	5047.99	530.42	5048.	530.42	5048.01	531.34	5071.	532.58	5102.
GR	532.74	5106.	535.42	5173.	540.42	5225.	541.47	5237.	545.42	5282.
GR	546.84	5314.	550.23	5393.	550.42	5395.	554.56	5487.	555.42	5506.
GR	560.42	5614.	560.42	5618.	560.42	5708.	0.	0.	0.	0.

NC				0.1	0.3					
NH	7.	1.	4890.	0.29	4924.	0.18	4957.	0.059	5018.	0.18
NH	5073.	0.29	5100.	1.	5249.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	4.41	0.00	0.00	0.00	0.00

## Cross Section 3.8

## Cross Section H (HMM Draft)

X1	7133.	23.	4957.	5018.	965.75	965.75	965.75	0.	0.	0.
GR	565.	4584.	560.	4647.	555.	4715.	550.	4812.	545.	4871.
GR	540.87	4890.	540.	4894.	535.	4917.	534.13	4924.	530.	4957.
GR	525.	4974.	520.95	4983.	520.15	4999.99	520.15	5000.	520.95	5012.
GR	527.45	5018.	530.	5038.	532.92	5073.	535.	5098.	535.17	5100.
GR	540.	5156.	550.	5190.	560.	5249.	0.	0.	0.	0.
NH	7.	1.	4857.	0.26	4906.	0.17	4973.	0.058	5018.	0.17
NH	5071.	0.28	5099.	1	5225.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00



Cross Section 3.9  
Cross Section I (HSMH Draft)

XI 7843.	24.	4973.	5018.	710.	710.	0.	0.	0.	0.
GR 565.	4268.	560.	4307.	555.	550.	4413.	545.	4572.	545.
GR 540.	4735.	535.61	4857.	535.	532.33	4906.	530.	4934.	530.
GR 529.63	4973.	523.53	4983.	523.13	4989.99	5000.	523.93	5012.	5000.
GR 530.43	5018.	530.	5048.	535.	5071.	5083.	544.57	5099.	5099.
GR 550.	5118.	555.	5148.	560.	5174.	5225.	0.	0.	0.
RH 7.	1.	4900.	0.28	4927.	0.17	0.058	5029.	0.17	0.17
NH 5069.	0.28	5098.	1.	5717.	0.	0.	0.	0.	0.

Cross Section 4.3  
Cross Section J (HSMH Draft)

XI 8624.	22.	4973.	5029.	781.	781.	0.	0.	0.	0.
GR 565.	4786.	560.	4807.	550.	541.36	4900.	540.	4908.	540.
GR 538.58	4927.	535.15	4973.	535.	527.22	4983.	526.42	4999.99	526.42
GR 526.12	3000.	527.22	5012.	533.72	535.	5029.	536.3	5069.	5029.
GR 537.24	5098.	540.	5183.	545.	550.	5382.	555.	5436.	555.
GR 560.	5508.	565.	5717.	0.	0.	0.	0.	0.	0.
NH 7.	1.	4911.	0.28	4942.	0.17	0.058	5046.	0.17	0.17
NH 5051.	0.28	5079.	1.	5152.	0.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	0.00	7.11	5046.00	0.00	0.00	0.00

Cross Section 4.6  
Cross Section K (HSMH Draft)

XI 9519.	25.	4557.	5046.	895.	895.	0.	0.	0.	0.
GR 565.	4041.	560.	4118.	555.	550.	4286.	545.	4499.	545.
GR 545.	4790.	547.5	4845.	545.	544.42	4911.	541.44	4942.	541.44
GR 540.	4957.	535.	4976.	532.28	4981.25	4999.99	530.18	5000.	530.18
GR 532.28	5017.5	535.	5025.	540.	541.	5051.	545.	5071.	545.
GR 547.35	5079.	550.	5088.	555.	560.	5125.	565.	5152.	565.
RH 7.	1.	4902.	0.29	4936.	0.18	0.058	5023.	0.17	0.17
NH 5064.	0.28	5094.	1.	5338.	0.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00

Cross Section 5.0  
Cross Section L (HSMH Draft)

XI 10355.	25.	4981.	5023.	836.	836.	0.	0.	0.	0.
GR 575.	4095.	570.	4199.	565.	560.	4588.	555.	4836.	555.
GR 550.	4873.	547.8	4902.	545.	545.	4939.	545.1	4971.	545.1
GR 545.4	4981.	535.8	4985.	533.7	535.8	5014.	545.3	5023.	535.8
GR 546.2	5033.	545.48	5064.	545.	546.45	5094.	550.	5118.	550.
GR 555.	5145.	560.	5166.	565.	570.	5280.	575.	5338.	575.

NH 7	1.	4928.	0.28	4957.	0.17	4977.2	0.058	5041.	0.17
NK 5051.	0.28	5074.	1.	5352.	0.	0.	0.	0.	0.

Cross Section 5.2  
Cross Section M (HSMH Draft)

X1 11262.	23.	4977.2	5041.	907.	907.	907.	4893.	0.	4920.
GR 575.	4802.	570.	4832.	565.	4868.	560.	4977.2	555.	4982.
GR 552.78	4926.	550.	4938.	548.95	4957.	547.83	5019.8	545.	5041.
GR 536.13	4999.99	536.13	5000.	538.23	5016.8	540.	5149.	560.	5195.
GR 545.69	5051.	547.29	5074.	550.	5113.	555.	0.	0.	0.
GR 565.	5261.	570.	5316.	575.	5352.	0.	0.	0.	0.

NH 7	1.	4918.	0.27	4944.	0.15	4981.	0.059	5023.	0.17
NH 5052.	0.27	5075.	1.	5146.	0.	0.	0.	0.	0.

Cross Section 5.4  
Cross Section N (HSMH Draft)

X1 11918.	21.	4981.	5023.	656.	656.	656.	4619.	0.	4646.
GR 575.	4518.	570.	4566.	565.	4588.	560.	4981.	555.	4985.
GR 550.	4759.	549.71	4918.	549.66	4944.	549.59	5023.	550.	5052.
GR 537.89	4999.99	537.89	5000.	539.99	5014.	549.49	5098.	570.	5124.
GR 555.	5069.	557.5	5075.	560.	5081.	565.	0.	0.	0.
GR 575.	5146.	0.	0.	0.	0.	0.	0.	0.	0.
NH 7	1.	4934.	0.26	4953.	0.13	4961.	0.059	5020.	0.17
NH 5058.	0.26	5077.	1.	5126.	0.	0.	0.	0.	0.
QT 8	4232.	6702.	7767.	10939.	7767.	1903.	3200.	5560.	0.
X1 12237.	38.	4961.	5020.	319.6	319.6	319.6	4702.	0.	4839.
GR 574.19	4468.	571.2	4542.	569.38	4587.	564.73	4934.	559.19	4953.
GR 554.19	4886.	547.65	4931.99	547.65	4932.	547.34	4982.01	544.42	4984.99
GR 543.19	4961.	539.92	4981.99	539.92	4982.	539.91	4985.1	539.45	4992.
GR 539.4	4985.	539.36	4985.01	539.	4985.09	539.95	5015.	543.13	5019.9
GR 538.75	5000.	538.85	5010.	539.45	5011.	541.95	5022.	543.34	5022.01
GR 543.15	5019.98	543.15	5019.99	543.15	5020.	543.34	5081.99	548.95	5082.
GR 543.34	5022.02	546.71	5058.	548.48	5077.	548.95	0.	0.	0.
GR 554.19	5094.	563.88	5125.	564.19	5126.	0.	0.	0.	0.

MC 7	0.3	4934.	0.26	4953.	0.13	4961.	0.059	5020.	0.17
NH 5058.	0.26	5077.	1.	5126.	0.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X1 12537.	38.	4985.	5020.	300.	300.	300.	5062.00	0.	0.00
X3 10.	4408.	572.01	4542.	550.46	4587.	555.54	550.46	550.36	4839.
GR 575.	4686.	548.46	4931.99	548.46	4932.	548.15	4702.	560.	4953.
GR 555.	4961.	540.73	4981.99	540.73	4982.	540.26	4934.	545.23	4984.99
GR 540.21	4985.	540.17	4985.01	539.81	4985.09	539.76	4982.01	540.26	4992.
GR 539.56	5000.	539.66	5010.	540.26	5011.	542.76	4985.1	539.86	5019.9
GR 543.06	5019.98	543.06	5019.99	543.06	5020.	544.15	5015.	544.15	5022.01
GR 544.15	5022.02	547.52	5058.	549.29	5077.	549.76	5081.99	549.76	5082.
GR 555.	5094.	554.69	5125.	565.	5126.	0.	0.	0.	0.

SB	1.25	1.84	2.60	0.00	28.00	0.00	271.50	0.37	539.56	539.56
NH	7.	1.	4934.	0.26	4953.	0.13	4905.	0.059	5020.	0.17
NH	5058.	0.26	5077.	1.	5126.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4947.00	5062.00	0.00	0.00

SR 2637

X1	12559.	38.	4985.	5020.	21.8	21.8	21.8	0.00	0.00	0.00
X2	0.00	0.00	1.00	548.25	550.36	0.00	0.00	0.00	550.46	550.36
X3	10.	-38.								
BT	468.	468.	575.02	575.	4542.	572.03	572.01	550.46	550.36	570.19
BT	4702.	4702.	565.56	565.54	4839.	560.02	560.	4886.	555.02	555.
BT	4931.99	4931.99	550.96	548.46	4932.	550.96	548.46	4934.	550.94	548.15
BT	4953.	4953.	550.75	545.23	4961.	550.67	544.	4981.99	550.46	540.73
BT	4982.	4982.	553.36	540.73	4982.01	553.36	540.72	4984.99	553.35	540.26
BT	4985.1	4985.	553.35	540.21	4985.01	553.35	548.25	4985.03	553.35	540.25
BT	4985.1	4985.1	553.35	548.25	4992.	553.34	548.24	5000.	553.32	548.22
BT	5010.	5010.	553.29	548.19	5011.	553.29	548.19	5015.	553.28	548.18
BT	5019.9	5019.9	553.27	548.17	5019.98	553.27	548.17	5019.99	553.27	548.07
BT	5020.	5020.	553.27	543.96	5022.	553.26	544.15	5022.01	553.26	544.15
BT	5022.02	5022.02	550.36	544.15	5058.	551.14	547.52	5077.	551.55	549.29
BT	5081.99	5081.99	551.66	549.76	5082.	551.66	549.76	5094.	555.02	555.
BT	5125.	5125.	564.71	564.69	5126.	565.02	565.	0.	0.	0.
GR	458.	458.	572.01	4542.	570.19	4587.	355.54	4702.	560.	4839.
GR	575.	575.	548.46	4931.99	548.46	4932.	548.15	4934.	545.23	4953.
GR	544.	544.	540.73	4981.99	540.73	4982.	540.72	4982.01	540.26	4984.99
GR	540.21	4985.	548.25	4985.01	539.81	4985.09	539.76	4985.1	539.86	4992.
GR	539.56	5000.	539.66	5010.	540.26	5011.	542.76	5015.	543.94	5019.9
GR	548.17	5019.98	543.96	5019.99	543.96	5020.	544.15	5022.	544.15	5022.01
GR	544.15	5022.02	547.52	5059.	549.29	5077.	549.76	5081.99	549.76	5082.
GR	555.	5094.	564.69	5125.	565.	5126.	0.	0.	0.	0.

NH	7.	1.	4934.	0.26	4953.	0.13	4961.	0.059	5020.	0.17
NH	5058.	0.26	5077.	1.	5126.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.09	7.11	4947.00	5062.00	0.00	0.00
X1	12635.	38.	4961.	5020.	76.	76.	76.	0.	0.	0.
GR	575.67	468.	572.68	4542.	570.86	4587.	566.21	4702.	560.67	4839.
GR	555.67	4886.	549.13	4931.99	549.13	4932.	548.82	4934.	545.9	4953.
GR	544.67	4961.	541.4	4981.99	541.4	4982.	541.39	4982.01	540.93	4984.99
GR	540.85	4985.	540.84	4985.01	540.48	4985.09	540.43	4985.1	540.53	4992.
GR	540.23	5000.	540.33	5010.	540.23	5011.	543.43	5015.	544.61	5019.9
GR	544.63	5019.98	544.63	5019.99	544.63	5020.	544.82	5022.	544.82	5022.01
GR	544.82	5022.02	548.19	5058.	549.96	5077.	550.43	5081.99	550.43	5082.
GR	555.67	5094.	555.36	5125.	565.67	5126.	0.	0.	0.	0.

NH	7.	1.	4950.	0.1	0.3	0.18	4981.	0.059	5040.	0.18
NH	5068.	0.29	5102.	1.	5302.	0.	C.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00

## Cross Section 5.8

## Cross Section O (HSMW Draft)

X1	13489.	29.	4981.	5040.	853.6	853.6	853.6	0.	4936.
GR	430.	4837.	595.	4874.	580.	4891.	4925.	575.	4981.
GR	570.63	4950.	570.	4952.	565.67	4965.	4967.	555.	5019.2
GR	551.98	4986.8	549.08	4990.4	517.78	4999.99	5000.	549.08	5203.
GR	551.28	5031.2	555.	5040.	555.86	5068.	5102.	560.	5589.
GR	555.	5236.	561.	5310.	565.	5380.	5513.	575.	0.
GR	580.	5661.	585.	5733.	595.	5828.	5902.	0.	0.
NH	7.	1.	4925.	0.3	4944.	0.15	0.059	5064.	0.18
NH	5090.	0.29	5105.	1.	5153.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	5064.00	0.00	0.00

## Cross Section 6.0

## Cross Section P (HSMW Draft)

X1	14396.	22.	4989.	5054.	907.	907.	907.	0.	4925.
GR	585.	4794.	575.	4866.	570.	4900.	4921.	563.95	4992.
GR	560.	4945.	560.12	4944.	560.	4979.	4989.	557.1	5047.
GR	555.8	5000.	557.1	5016.	559.3	5026.	5038.	556.1	5103.
GR	557.9	5054.	560.5	5064.	560.7	5074.	5050.	581.	0.
GR	595.	5123.	600.	5153.	0.	0.	0.	0.	0.
NH	7.	1.	4896.	0.3	4916.	0.19	0.059	5045.	0.18
NH	5058.	0.29	5064.	1.	5262.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00

## Cross Section 6.3

## Cross Section Q (HSMW Draft)

X1	15241.	21.	4962.	5045.	845.	845.	845.	0.	4916.
GR	585.	4792.	580.	4856.	575.	4882.	4896.	572.88	5000.
GR	570.	4962.	562.66	4986.8	558.46	4990.4	4999.99	558.46	5084.
GR	559.76	5018.2	561.96	5031.2	570.	5045.	5058.	573.1	5250.
GR	575.	5108.	580.	5144.	585.	5194.	5225.	595.	0.
GR	600.	5262.	0.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4936.	0.3	4956.	0.18	0.058	5026.	0.18
NH	5042.	0.3	5068.	1.	5589.	0.	0.	0.	0.

## Cross Section 6.4

## Cross Section R (HSMW Draft)

X1	15853.	21.	4977.99	5026.	612.	612.	612.	0.	4956.
GR	600.	4857.	595.	4891.	585.	4922.	4936.	575.	5000.
GR	570.	4977.99	568.38	4978.	560.38	4987.	4999.99	560.38	5064.
GR	561.88	5015.	588.38	5026.	570.	5030.	5042.	575.	5359.
GR	575.19	5068.	560.	5167.	590.	5222.	5280.	595.	0.
GR	600.	5589.	0.	0.	0.	0.	0.	0.	0.

NH	7.	1.	4908.	0.3	4934.	0.18	4978.	0.058	5026.	0.18
NH	5055.	0.3	5089.	1.	5579.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	0.00

## Cross Section 7.0

## Cross Section S (HSMH Draft)

X1	15367.	25.	4978.	5026.	514.	514.	514.	0.	0.	0.
GR	600.	4772.	590.	4847.	4902.	4909.	4909.	4909.	576.1	4934.
GR	375.	4943.	570.3	4968.	4973.	4978.	4978.	5026.	563.5	4987.
ER	582.	4999.99	562.	5000.	5015.	5015.	5026.	5065.	570.	5028.
GR	571.1	5036.	575.	5039.	5055.	5065.	5065.	5359.	564.8	5088.
GR	585.	5090.	590.	5110.	5158.	5359.	5359.	0.	605.	5519.
GR	610.	5579.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	1.	4900.	0.3	4927.	0.18	4948.	0.058	5033.	0.18
NH	5077.	0.3	5109.	1.	5926.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4945.00	5050.00	0.00	0.00

## Cross Section 7.4

## Cross Section T (HSMH Draft)

X1	17297.	24.	4946.	5033.	930.	930.	930.	0.	0.	0.
GR	610.	4442.	600.	4505.	4560.	4560.	4670.	4670.	580.	4821.
GR	576.89	4900.	575.83	4927.	4948.	4978.	4978.	5026.	565.79	4987.
GR	564.29	4999.99	564.29	5000.	5015.	5015.	5026.	5065.	575.	5033.
GR	576.86	5077.	578.22	5109.	5151.	5151.	5151.	5279.	590.	5469.
GR	595.	5806.	600.	5719.	5811.	5811.	5926.	0.	0.	0.

NH	7.	1.	4906.	0.3	4937.	0.18	4970.1	0.058	5020.8	0.18
NH	5094.	0.3	5135.	1.	5762.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4960.00	5040.00	0.00	0.00

## Cross Section 7.7

## Cross Section U (HSMH Draft)

X1	17845.	24.	4970.1	5020.6	548.	548.	548.	0.	0.	0.
GR	610.	4706.	600.	4751.	4797.	4797.	4841.	4841.	585.	4894.
GR	583.54	4906.	580.	4935.	4937.	4937.	4970.1	4970.1	575.	4971.
GR	566.73	4988.3	565.63	4999.99	5000.	5000.	5007.8	5007.8	578.13	5020.8
GR	579.61	5094.	580.	5113.	5135.	5135.	5206.	5206.	590.	5280.
GR	595.	5474.	600.	5587.	5659.	5659.	5762.	0.	0.	0.

NH	7.	1.	4894.	0.3	4928.	0.19	4977.	0.056	5016.	0.19
NH	5089.	0.31	5102.	1.	5365.	0.	0.	0.	0.	0.
UT	8.	2943.	4752.	5504.	7741.	5504.	2194.	3933.	0.00	0.00
ET	0.00	0.00	0.00	0.00	0.00	9.41	0.00	0.00	0.00	0.00

Cross Section 8.0  
Cross Section V (HSMH Draft)

XI 18604.	24.	4977.	5016.	759.	759.	0.	4804.
GR 615.	4440.	610.	4539.	600.	600.	4681.	4960.
GR 590.	4833.	585.	4893.	582.39	582.39	4928.	5006.
GR 579.	4967.	579.2	4977.	567.5	567.5	5000.	5102.
GR 580.	5016.	579.1	5026.	590.	590.	5083.	5102.
GR 595.	5140.	600.	5192.	615.	615.	5355.	0.
NH 7.	1.	4925.	0.3	4976.99	4976.99	0.056	0.19
NH 5074.	0.3	5102.	1.	0.	0.	0.	0.

Cross Section 8.3  
Cross Section V (HSMH Draft)

XI 19505.	24.	4976.99	5016.	901.	901.	0.	4901.
GR 615.	4739.	610.	4794.	600.	600.	4863.	4976.99
GR 591.84	4925.	590.	4939.	585.	585.	4951.	5006.
GR 580.	4977.	572.	4991.	570.9	570.9	5000.	5138.
GR 583.4	5016.	584.65	5074.	585.	585.	5102.	0.
GR 600.	5231.	605.	5272.	610.	610.	5344.	0.
NH 7.	1.	4945.	0.3	4976.	4976.	0.056	0.19
NH 5074.	0.3	5095.	1.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	4970.00	4970.00	5040.00	0.00

Cross Section 8.6  
Cross Section X (HSMH Draft)

XI 20447.	23.	4976.	5017.	942.	942.	0.	4945.
GR 615.	4883.	610.	4890.	600.	600.	4926.	4986.
GR 590.56	4961.	590.	4963.	582.95	582.95	4976.	5017.
GR 575.35	4996.	574.45	4999.99	575.95	575.95	5008.	5113.
GR 585.	5028.	590.	5056.	597.57	597.57	5095.	0.
GR 605.	5173.	610.	5270.	0.	0.	0.	0.
NH 7.	1.	4906.	0.29	4976.	4976.	0.056	0.19
NH 5053.	0.3	5081.	1.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Cross Section 9.0  
Cross Section Y (HSMH Draft)

XI 21229.	30.	4976.	5017.	782.	782.	0.	4738.
GR 615.	4241.	610.	4493.	600.	600.	4697.	4935.
GR 590.	4793.	590.	4863.	591.	591.	4917.	590.58
GR 580.	4960.	585.3	4966.	585.9	585.9	4976.	4986.
GR 576.3	4996.	577.4	4999.99	578.9	578.9	5008.	5017.
GR 585.	5024.	584.8	5027.	550.	550.	5073.	5081.
GR 595.	5200.	600.	5281.	610.	610.	5331.	5374.

NH	7.	1.	4914.	0.29	4940.	0.19	4967.	0.056	5017.	0.19
NH	5070.	0.29	5105.	1.	5880.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4967.00	5067.00	0.00	0.00

Cross Section 9.1  
Cross Section Z (HSMH Draft)

X1	22132.	25.	4967.	5017.	903.	903.	903.	0.	0.	4919.
GR	625.	4765.	620.	4815.	610.	4871.	601.04	4914.	600.	4986.
GR	595.	4936.	594.35	4940.	590.	4967.	585.	4979.	581.98	5017.
GR	581.38	4996.	580.48	4999.99	5000.	5000.	581.98	5008.	588.88	5490.
GR	590.	5033.	590.71	5070.	5105.	5105.	595.	5294.	600.	5860.
GR	605.	5585.	610.	5668.	615.	5764.	620.	5820.	625.	5020.4
NH	7.	1.	4918.	0.29	4941.	0.19	4971.2	0.056	5020.4	0.19
NH	5053.	0.29	5084.	1.	5669.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4950.00	5100.00	0.00	0.00

Cross Section 9.2  
Cross Section AA (HSMH Draft)

X1	22971.	24.	4971.2	5020.4	839.	839.	839.	0.	0.	4843.
GR	625.	4491.	620.	4581.	615.	4693.	610.	4788.	605.	4971.2
GR	600.	4893.	597.16	4918.	595.	4937.	594.63	4941.	591.84	5009.6
GR	584.84	4983.2	584.24	4935.2	583.34	4999.99	583.34	5000.	584.84	5325.
GR	591.74	5020.4	595.	5053.	596.05	5084.	600.	5201.	605.	0.
GR	610.	5435.	615.	5515.	620.	5583.	625.	5669.	0.	0.
NH	7.	1.	4822.	0.29	4867.	0.18	4937.	0.056	5062.	0.18
NH	5078.	0.29	5136.	1.	5783.	0.	0.	0.	0.	0.
QT	8.	2415.	3942.	4570.	6441.	4570.	1015.	1784.	3255.	0.00
ET	0.00	0.00	0.00	0.00	0.00	6.41	0.00	0.00	0.00	0.00
X1	23784.	31.	4937.	5062.	813.	813.	813.	0.	0.	4405.
GR	635.	4242.	630.	4273.	625.	4308.	620.	4355.	615.	4862.
GR	610.	4471.	605.	4534.	600.	4690.	595.49	4822.	594.12	4962.
GR	594.1	4867.	594.02	4887.	594.72	4912.	593.92	4937.	588.36	5008.
GR	586.62	4969.	586.82	4985.	586.52	4992.	586.12	5000.	587.52	5136.
GR	589.12	5009.	589.72	5037.	592.02	5052.	592.35	5070.	593.56	5746.
GR	600.	5445.	605.	5620.	610.	5541.	615.	5667.	620.	0.
GR	625.	5783.	0.	0.	0.	0.	0.	0.	0.	0.

NC	7.	0.3	4822.	0.29	4867.	0.18	4961.5	0.056	5007.5	0.18
NH	5078.	0.29	5136.	1.	5958.	0.	0.	0.	0.	0.
X1	24584.	58.	4961.5	5007.5	800.	800.	800.	603.1	603.1	4273.
X3	10.	5895.	634.89	4067.	634.89	4240.	634.89	4242.	629.89	4471.
GR	634.89	4308.	619.89	4355.	614.89	4405.	614.21	4414.	609.89	4822.
GR	604.89	4534.	602.42	4611.	599.89	4690.	598.07	4793.	597.56	4867.
GR	596.85	4861.98	596.85	4861.99	596.85	4862.	536.85	4862.01	596.83	4936.99
GR	595.75	4886.99	596.75	4887.	597.45	4911.99	597.45	4912.	596.65	4962.5
GR	596.35	4937.	591.2	4961.5	591.2	4961.51	591.09	4961.99	591.09	4977.5
GR	589.35	4968.99	589.35	4969.	589.44	4976.49	589.44	4976.5	589.46	

GR	589.46	4977.51	389.55	4984.99	589.55	4985.	589.25	4992.	529.23	4992.48
GR	589.23	4992.49	589.22	4992.5	589.22	4992.51	588.85	4999.99	588.85	5000.
GR	530.25	5006.	591.05	5007.49	591.05	5007.5	591.85	5008.99	591.85	5009.
GR	592.45	5036.99	592.45	5037.	594.75	5061.98	594.75	5061.99	594.75	5062.
GR	594.75	5062.01	594.96	5078.	595.74	5136.	599.29	5400.	599.89	5445.
GR	603.52	5572.	604.89	5620.	609.89	5641.	614.89	5667.	619.89	5746.
GR	623.	5769.	624.89	5783.	624.89	5958.	0.	0.	0.	0.
SC	3.020	0.40	3.00	0.00	12.0	15.0	72.0	8.1	539.07	588.85
NH	7.	1.	4822.	0.29	4867.	0.18	4961.5	0.056	5007.5	0.18
NH	5078.	0.29	5136.	1.	5958.	v.	0.	0.	0.	0.
NC 49										
X1	24657.	58.	4961.5	5007.5	73.	73.	73.	0.00	0.00	0.00
X2	0.00	5.00	2.00	601.07	604.57	0.00	0.00	0.00	0.00	0.00
X3	10.	-68.								
BT		3895.	635.02	635.	4067.	635.02	635.	4240.	604.57	635.
BT		4242.	635.02	635.	4273.	630.02	630.	4308.	635.02	625.
BT		4355.	621.7	620.	4405.	620.26	615.	4414.	620.	614.32
BT		4471.	618.55	610.	4534.	616.95	605.	4611.	615.	602.53
BT		4690.	612.83	600.	4793.	610.	598.18	4822.	608.01	597.67
BT		4861.98	605.27	596.96	4861.99	605.27	596.96	4882.	605.27	596.96
BT		4862.01	605.27	596.96	4867.	605.23	596.94	4886.99	605.05	596.86
BT		4887.	605.05	596.86	4911.99	604.82	597.56	4912.	604.82	597.56
BT		4936.99	604.71	596.76	4937.	604.71	596.76	4961.5	604.83	589.07
BT		4961.51	604.83	601.07	4961.99	604.83	601.07	4962.	604.83	601.07
BT		4968.99	604.81	601.07	4969.	604.81	601.07	4976.49	604.79	601.07
BT		4976.5	604.79	589.07	4977.5	604.78	589.07	4977.51	604.78	601.07
BT		4984.99	604.76	601.07	4985.	604.76	601.07	4992.	604.74	601.07
BT		4992.48	604.74	601.07	4992.49	604.74	589.07	4992.5	604.74	601.07
BT		4992.51	604.74	601.07	4999.99	604.72	601.07	5000.	604.72	601.07
BT		5006.	604.7	601.07	5007.49	604.69	601.07	5007.5	604.69	589.07
BT		5028.99	604.69	591.96	5009.	604.69	591.96	5036.99	604.69	589.07
BT		5037.	604.58	592.56	5061.98	604.57	594.86	5061.99	604.57	592.56
BT		5062.	604.57	594.86	5062.01	604.57	594.86	5078.	604.57	594.86
BT		5136.	605.76	595.85	5400.	610.	599.4	5445.	604.83	595.07
BT		5572.	615.	603.63	5620.	616.22	605.	5641.	611.31	600.
BT		5567.	617.41	615.	5746.	620.02	620.	5769.	616.75	610.
BT		5783.	625.02	625.	5958.	625.02	625.	0.	623.13	623.11
GR	635.	3895.	635.	4067.	635.	4240.	635.	4242.	630.	4273.
GR	625.	4308.	620.	4355.	615.	4405.	614.32	4414.	610.	4471.
GR	635.	4534.	602.53	4611.	600.	4690.	598.18	4793.	597.67	4822.
GR	596.96	4861.98	596.96	4861.99	596.96	4862.	596.96	4882.01	596.94	4867.
GR	596.86	4887.	596.86	4887.99	597.56	4911.99	597.56	4912.	596.76	4936.99
GR	596.76	4937.	589.07	4961.5	589.07	4961.51	589.07	4961.99	559.07	4962.
GR	589.07	4968.99	589.07	4969.	589.07	4976.49	589.07	4976.5	589.07	4977.5
GR	589.07	4977.51	589.07	4984.99	589.07	4985.	589.07	4992.	589.07	4992.48
GR	589.07	4992.49	589.07	4992.5	589.07	4992.51	589.07	4999.99	589.07	5000.
GR	589.07	5006.	589.07	5007.49	589.07	5007.5	591.96	5008.99	591.96	5009.
GR	592.56	5036.99	592.56	5037.	594.86	5061.98	594.86	5061.99	594.86	5062.
GR	594.86	5062.01	595.07	5078.	595.85	5136.	599.4	5400.	600.	5445.
GR	603.63	5572.	605.	5620.	610.	5641.	615.	5667.	620.	5746.
GR	623.11	5769.	625.	5783.	825.	5958.	825.	0.	0.	0.



NH	7.	4822.	0.29	4867.	0.18	4937.	0.056	5062.	0.18
NH	507A.	5136.	1	5783.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00
XI	24858.	4937.	31.	201.	201.	201.	0.	0.	0.
GR	535.	630.	4242.	625.	4308.	620.	4355.	615.	4405.
GR	610.	605.	4471.	600.	4690.	598.06	4822.	597.47	4862.
GR	597.45	4887.	4887.	598.07	4912.	597.27	4937.	591.71	4962.
GR	589.97	4969.	4969.	589.87	4992.	589.47	5000.	590.87	5006.
GR	592.47	5009.	5037.	595.37	5052.	595.56	5078.	596.25	5136.
GR	600.	5445.	5620.	610.	5641.	615.	5667.	620.	5746.
GR	625.	5783.	0.	0.	0.	0.	0.	0.	0.
MC			0.1	0.3	0.18	4983.	0.056	5017.	0.18
NH	7.	4909.	0.29	4931.	0.	0.	0.	0.	0.
NH	5036.	5054.	1.	5089.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	7.11	4825.00	5017.00	0.00	0.00
Cross Section 9.5									
Cross Section AB (HSM Draft)									
XI	25730.	26.	5017.	872.	872.	872.	4382.	0.	4404.
GR	635.	4163.	4267.	625.	4326.	620.	4753.	615.	4909.
GR	610.	4463.	4567.	600.	4704.	600.	4992.	591.18	4999.99
GR	600.	4931.	4934.	599.58	4985.	592.68	5017.	599.68	5024.
GR	591.18	5000.	5004.	5014.	5014.	600.	5054.	635.	5075.
GR	610.	5025.	5036.	625.	5043.	628.44	0.	0.	0.
GR	640.	5089.	0.	0.	0.	0.	0.	0.	0.
NH	7.	4851.	0.29	4899.	0.18	4980.	0.056	5022.	0.18
NH	5069.9	5095.	1.	5882.	0.	0.	0.	0.	0.
QT	8.	3055.	3554.	5049.	3554.	723.	1323.	2512.	0.
ET	0.00	0.00	0.00	0.00	11.41	0.00	0.00	0.00	0.00
XI	26717.	55.	5022.	987.	987.	987.	0.	0.	0.
GR	634.12	4045.	4087.	629.12	4164.	627.82	4194.	624.12	4279.
GR	622.8	4312.	4404.	618.34	4433.	614.73	4568.	614.12	4591.
GR	609.12	4753.	4851.	604.12	4862.	602.55	4899.	601.23	4929.99
GR	601.23	4970.	4979.99	598.12	4980.	596.54	4981.25	594.96	4982.5
GR	594.33	4983.	4983.75	594.13	4984.99	594.13	4985.	594.05	4986.25
GR	593.96	4987.5	4988.75	593.8	4990.	593.46	4995.	593.38	4996.25
GR	593.3	4997.5	4998.75	593.13	4999.99	593.13	5000.	593.22	5001.25
GR	593.32	5002.5	5003.75	593.51	5005.	593.66	5007.	593.75	5008.25
GR	593.84	5009.5	5010.75	594.03	5011.99	594.03	5012.	594.12	5013.25
GR	594.22	5014.5	5015.75	594.33	5016.	535.43	5017.	600.92	5021.99
GR	600.93	5022.	5069.99	601.03	5070.	601.66	5095.	604.12	5192.
GR	603.12	5237.	5257.	619.12	5277.	624.12	5317.	624.93	5363.
GR	628.93	5589.	5537.	629.72	5728.	632.83	5809.	634.12	5882.
MC			0.3	0.5	0.18	4980.	0.056	5017.	0.18
NH	7.	4851.	0.29	4899.	0.	0.	0.	0.	0.
NH	5069.9	5095.	1.	5882.	0.	0.	0.	0.	0.

X1	27117.	65.	4980.	5017.	400.	400.	400.	0.	0.	604.94	0.	594.10	593.92
X3	10.	4045.	634.91	4087.	629.91	4164.	628.61	4194.	624.91	4279.	624.91	5017.	0.18
GR	623.59	4312.	619.91	4404.	619.13	4433.	615.52	4568.	614.91	4591.	614.91	5001.25	5008.25
GR	609.91	4753.	605.41	4851.	604.91	4862.	603.34	4899.	602.02	4929.99	602.02	5013.25	5021.99
GR	602.02	4920.	598.92	4979.99	598.91	4980.	597.33	4981.25	595.75	4982.5	595.75	5192.	5363.
GR	595.12	4983.	595.04	4983.75	594.92	4984.99	594.92	4985.	594.84	4986.25	594.84	5882.	
SR	594.75	4987.5	594.67	4988.75	594.59	4990.	594.25	4995.	594.17	4996.25	594.17		
GR	594.09	4997.5	594.	4998.75	593.92	4999.99	593.92	5000.	594.01	5001.25	594.01		
GR	594.11	5002.5	594.2	5003.75	594.3	5005.	594.45	5007.	594.54	5008.25	594.54		
GR	594.63	5009.5	594.73	5010.75	594.82	5011.99	594.82	5012.	594.91	5013.25	594.91		
GR	595.01	5014.5	595.1	5015.75	595.12	5016.	596.22	5017.	601.71	5021.99	601.71		
GR	601.72	5022.	601.87	5069.99	601.82	5070.	602.45	5095.	604.91	5192.	604.91		
GR	609.91	5237.	614.91	5257.	619.91	5277.	624.91	5317.	625.72	5363.	625.72		
GR	629.72	5589.	630.57	5637.	632.18	5728.	633.62	5609.	634.91	5882.	634.91		
SC	3.033	0.80	3.00	0.00	10.0	0.00	60.0	2.3	594.10	593.92	594.10		
NH	7.	1.	4851.	0.29	0.18	0.18	4980.	0.056	5017.	0.18	5017.		
NH	5069.9	0.27	5095.	1.	5882.	0.	0.	0.	0.	0.	0.		

SR 2630

X1	27178.	65.	4980.	5017.	400.	400.	400.	0.	0.	604.94	0.	594.10	593.92
X2	0.00	0.00	2.00	605.60	61.	61.	61.	606.50	606.50	606.50	606.50	5017.	0.18
X3	10.	4045.	634.91	4087.	629.91	4164.	628.61	4194.	624.91	4279.	624.91	5001.25	5008.25
BT	-65.	4194.	630.	628.7	4087.	635.02	635.02	4164.	631.01	630.	631.01	5002.5	5009.9
BT		4404.	621.2	4433.	629.99	626.4	625.	4312.	625.	630.	625.	5010.75	5017.9
BT		4591.	615.02	4753.	610.81	620.	619.22	4568.	615.63	615.61	615.63	5013.25	5021.99
BT		4862.	608.34	4899.	607.5	610.81	610.	4851.	608.59	605.5	608.59	5016.	5022.5
BT		4930.	606.8	4979.99	606.64	607.5	603.43	4929.99	606.64	600.	606.64	5019.2	5025.5
BT		4981.25	606.63	603.31	4982.5	606.63	604.33	4983.	606.63	604.53	604.53	5020.5	5027.5
BT		4983.75	606.62	604.84	4984.99	606.62	605.	4985.	606.62	605.	606.62	5021.99	5028.5
BT		4986.25	606.62	604.84	4987.5	606.61	604.33	4988.75	606.61	603.31	603.31	5023.5	5030.5
BT		4997.5	606.58	603.43	4998.75	606.58	603.94	4999.99	606.58	602.41	602.41	5025.5	5032.5
BT		5000.	606.57	604.1	5001.25	606.57	603.94	5002.5	606.57	604.1	604.1	5027.5	5034.5
BT		5003.75	606.56	602.41	5005.	606.56	603.94	5007.	606.56	603.43	603.43	5029.5	5036.5
BT		5008.25	606.54	603.21	5009.5	606.54	604.23	5010.75	606.54	604.74	604.74	5031.5	5038.5
BT		5011.99	606.53	604.9	5012.	606.53	604.9	5013.25	606.53	604.74	604.74	5033.5	5040.5
BT		5014.5	606.52	604.23	5015.75	606.52	603.21	5016.	606.52	602.55	602.55	5035.5	5042.5
BT		5017.	606.52	599.9	5021.99	606.5	601.8	5022.	606.5	601.81	601.81	5037.5	5044.5
BT		5069.99	606.6	601.91	5070.	606.6	601.91	5095.	606.89	602.54	602.54	5039.5	5046.5
BT		5192.	626.02	605.	5237.	619.02	610.	5257.	615.02	615	615	5041.5	5048.5
BT		5277.	620.02	620.	5317.	625.02	625.	5363.	625.83	625.81	625.81	5043.5	5050.5
BT		5589.	629.83	629.81	5637.	630.68	630.66	5728.	632.29	632.27	632.27	5045.5	5052.5
BT		5809.	633.73	633.71	5882.	635.02	635.	0.	0.	0.	0.	5047.5	5054.5
GR	635.	4045.	635.	4087.	629.91	4164.	628.61	4194.	624.91	4279.	624.91	5049.5	5056.5
GR	623.6B	4312.	620.	4404.	619.22	4433.	615.61	4568.	615.61	4591.	615.61	5051.5	5058.5
GR	610.	4753.	605.5	4851.	603.43	4862.	603.43	4899.	602.11	4929.99	602.11	5053.5	5060.5
GR	602.11	4930.	599.01	4973.99	600.	4980.	596.69	4981.25	595.67	4982.5	595.67	5055.5	5062.5
GR	595.47	4983.	595.16	4983.75	595.	4984.99	595.	4985.	595.16	4986.25	595.16	5057.5	5064.5
GR	595.67	4987.5	595.69	4988.75	600.	4990.	599.1	4995.	595.79	4996.25	595.79	5059.5	5066.5
GR	594.77	4997.5	594.26	4998.75	594.1	4999.99	594.1	5000.	594.26	5001.25	594.26	5061.5	5068.5

GR	594.77	5002.5	595.79	5003.75	599.1	5005.	599.9	5007.	596.59	5008.25
GR	595.57	5039.5	595.06	5010.75	594.9	5011.99	594.9	5012.	595.06	5013.25
GR	595.57	5014.5	596.59	5015.75	597.25	5016.	599.9	5017.	601.8	5021.99
GR	601.81	5022.	601.91	5069.99	601.91	5070.	602.54	5095.	605.	5192.
GR	610.	5237.	615.	5257.	620.	5277.	625.	5317.	625.81	5363.
GR	629.81	5589.	530.66	5637.	632.27	5728.	633.71	5809.	635.	5882.
NH	7.	1.	4851.	0.29	4899.	0.18	4980.	0.056	5022.	0.18
NH	5089.9	0.27	5095.	1.	5882.	0.	0.	0.	0.	0.
XI	27279.	65.	4980.	5022.	101.	101.	101.	0.	0.	0.
GR	635.32	4045.	635.32	4087.	630.32	4164.	629.02	4194.	625.32	4279.
GR	624.	4312.	620.32	4404.	619.54	4433.	615.93	4568.	615.32	4591.
GR	610.32	4753.	605.82	4851.	605.32	4862.	603.75	4899.	602.43	4929.99
GR	602.43	4930.	599.33	4979.99	599.32	4980.	597.74	4981.25	596.16	4982.5
GR	595.53	4983.	595.45	4983.75	595.33	4984.99	595.33	4985.	595.25	4986.25
GR	595.16	4987.5	595.08	4988.75	595.	4990.	594.66	4995.	594.58	4996.25
GR	594.5	4997.5	594.41	4988.75	594.33	4999.99	594.33	5000.	594.42	5001.25
GR	594.52	5002.5	594.61	5003.75	594.71	5005.	594.86	5007.	594.95	5008.25
GR	595.04	5003.5	595.14	5010.75	595.23	5011.99	595.23	5012.	595.32	5013.25
GR	595.42	5014.5	595.51	5015.75	595.53	5016.	596.63	5017.	602.12	5021.99
GR	602.13	5022.	602.23	5069.99	602.23	5070.	602.86	5095.	605.32	5192.
GR	610.32	5237.	615.32	5257.	620.32	5277.	625.32	5317.	626.13	5363.
GR	630.13	5589.	630.98	5637.	632.59	5728.	634.03	5809.	635.32	5882.

NC	7.	1.	4877.	0.1	0.3	0.17	4946.	0.056	5024.	0.17
NH	5077.	0.27	5112.	0.28	4919.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	1.	5623.	0.	4924.00	5024.00	0.00	0.00

Cross Section 9.8

Cross Section AC (HSM Draft)

XI	28140.	30.	4946.	5024.	861.	861.	861.	861.	0.	4397.
GR	650.	3986.	645.	4100.	540.	4184.	635.	4288.	630.	4641.
GR	625.	4462.	620.	4502.	615.	4533.	610.	4569.	605.	4982.
GR	605.	4672.	605.	4877.	605.	4919.	605.	4946.	600.	5009.
GR	598.54	4050.4	597.14	4999.99	597.14	5000.	598.54	5006.	600.	5115.
GR	605.	5023.	605.05	5024.	607.93	5077.	609.84	5112.	610.	5623.
GR	615.	5179.	620.	5250.	625.	5290.	630.	5437.	635.	5882.
NH	7.	1.	4877.	0.26	4906.	0.16	4984.	0.056	5020.	0.17
NH	5066.	0.25	5094.	1.	5249.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4920.00	5030.00	0.00	0.00

Cross Section 10.0

Cross Section AD (HSM Draft)

XI	29043.	26.	4984.	5020.	903.	903.	903.	903.	0.	4585.
GR	650.	3996.	645.	4277.	640.	4403.	635.	4451.	625.	4974.
GR	615.	4711.	610.	4766.	609.15	4877.	608.92	4906.	608.4	5005.
GR	608.7	4984.	601.5	4992.	600.1	4999.99	600.1	5000.	601.5	5030.
GR	605.8	5011.	605.9	5014.	607.5	5015.	608.4	5020.	607.6	5203.
GR	608.55	5066.	609.29	5094.	610.	5121.	620.	5167.	625.	5882.
GR	535.	5249.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	1.	4903.	0.26	4929.	0.14	4979.2	0.056	5026.	0.16
NH	5J74.	0.25	5101.	1.	5456.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	10.41	0.00	0.00	0.00	0.00

Cross Section 10.5  
Cross Section AE (HSM Draft)

X1	29859.	28.	4979.2	5026.	816.	816.	816.	4274.	0.	4468.
GR	550.	3821.	545.	4030.	640.	4173.	635.	630.	630.	4929.
GR	625.	4591.	620.	4623.	615.	4704.	611.13	4903.	610.62	5000.
GR	610.	4861.	610.92	4979.2	603.72	4989.6	602.32	4999.99	602.32	5826.
GR	603.72	5006.5	608.02	5014.3	608.12	5018.2	609.72	5019.5	610.62	5384.
GR	610.	5045.	610.	5074.	610.	5101.	610.	5347.	615.	0.
GR	625.	5425.	630.	5436.	635.	5456.	0.	0.	0.	0.
NH	7.	1.	4895.	0.25	4930.	0.11	4991.	0.056	5015.	0.15
NH	5062.	0.26	5093.	1.	5710.	0.	0.	0.	0.	0.

Cross Section 11.0  
Cross Section AF (HSM Draft)

X1	30247.	30.	4991.	5015.	988.	988.	988.	3913.	0.	4085.
GR	650.	2833.	645.	3125.	640.	3593.	635.	4895.	630.	4930.
GR	625.	4395.	620.	4542.	615.	4739.	611.62	4997.	610.87	4999.99
GR	610.	4970.	609.1	4981.	609.	4991.	605.5	5005.	605.	5020.
GR	605.	5000.	605.5	5004.	607.1	5005.	612.7	5015.	612.7	5277.
GR	610.	5023.	610.	5062.	610.	5093.	610.	5260.	610.	5710.
GR	615.	5494.	620.	5558.	625.	5599.	630.	5634.	635.	0.
NH	7.	1.	4882.	0.27	4913.	0.13	4989.	0.056	5030.9	0.16
NH	5065.	0.27	5087.	1.	5710.	0.	0.	0.	0.	0.

Cross Section 11.5  
Cross Section AG (HSM Draft)

X1	31752.	27.	4989.	5030.9	905.	905.	905.	3988.	0.	4485.
GR	650.	3161.	645.	3549.	640.	3724.	635.	4913.	630.	4989.
GR	625.	4533.	620.	4607.	616.77	4882.	616.41	5000.	615.52	5008.
GR	609.82	4995.	607.72	4999.	607.27	4999.9	607.22	5265.	607.72	5087.
GR	610.	5016.	614.97	5030.9	615.	5031.	615.35	5608.	615.57	5638.
GR	620.	5521.	625.	5549.	630.	5584.	635.	5608.	640.	0.
GR	645.	5652.	650.	5710.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4914.	0.28	4940.	0.15	4989.	0.058	5037.	0.17
NH	5071.	0.28	5089.	1.	5857.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4989.00	5100.00	0.00	0.00

Cross Section 11.8





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BT	4929.99	638.09	532.89	4930.	638.09	632.89	4979.99	637.39	627.27
BT	4980.	639.89	627.27	4980.01	639.89	627.27	4981.5	639.88	627.1
BT	4981.51	639.88	633.88	4981.6	639.88	633.88	4993.1	639.84	633.84
BT	4993.1	639.84	633.84	4998.	639.82	633.82	4999.99	639.81	633.81
BT	5002.5	639.8	633.8	5010.	639.76	633.76	5020.	639.72	633.72
BT	5026.99	639.7	633.7	5026.09	639.7	633.7	5026.1	639.7	621.9
BT	5060.	637.07	625.48	5079.99	636.99	622.1	5080.	637.19	622.1
BT	5093.	637.32	627.71	5199.	640.	628.66	5349.	643.38	630.
BT	5363.	643.69	645.02	5378.	644.03	640.	5421.	645.	643.07
BT	5448.	645.02	645.	5486.	650.02	650.	0.	0.	0.
BT	4688.	645.05	4781.	645.	4782.	640.	4819.	635.	4870.
GR	633.48	4887.	632.32	4900.	630.18	630.	4926.	632.89	4929.99
GR	632.89	4930.	4979.99	627.27	4860.	627.27	4980.01	627.1	4981.5
GR	633.88	4981.51	4981.6	625.69	4993.	621.99	4993.1	618.09	4998.
GR	617.69	4999.99	618.09	618.59	5010.	618.69	5020.	621.89	5026.
GR	633.7	5026.09	5026.1	622.1	5027.99	622.1	5028.	622.1	5028.01
GR	625.48	5060.	627.59	627.59	5080.	627.71	5083	628.66	5199.
GR	630.	635.	5363.	640.	5378.	643.07	5421.	645.	5448.
GR	650.	0.	0.	0.	0.	0.	0.	0.	0.
MH	7.	4887.	0.27	4924.	0.18	4981.5	0.058	5026.1	0.19
MH	5060.	5093.	1.	5486.	0.	0.	0.	0.	0.
X1	35538.	41.	5026.1	1.	1.	1.	637.39	636.99	4870.
X3	10.	4688.	645.05	645.	4782.	640.	4819.	635.	4929.99
GR	650.	4887.	632.32	4900.	630.18	630.	4926.	632.89	4981.5
GR	632.89	4930.	4979.99	627.27	4860.	627.27	4980.01	627.1	4998.
GR	627.1	4981.51	4981.6	625.69	4993.	621.99	4993.1	618.09	4998.
GR	617.69	4999.99	618.09	618.59	5010.	618.69	5020.	621.89	5026.
GR	621.9	5026.09	5026.1	622.1	5027.99	622.1	5028.	622.1	5028.01
GR	625.48	5060.	627.59	627.59	5080.	627.71	5083	628.66	5199.
GR	630.	635.	5363.	640.	5378.	643.07	5421.	645.	5448.
GR	650.	0.	0.	0.	0.	0.	0.	0.	0.
MH	6.	4887.	0.27	4924.	0.18	4993.	0.058	5080.	0.3
MH	5093.	5486.	0.	0.	0.	0.	0.	0.	0.
X1	35638.	41.	5080.	100.	100.	100.	4819.	635.47	4870.
GR	650.47	4688.	4781.	645.47	4782.	640.47	4926.	633.36	4929.99
GR	633.95	4887.	4900.	630.65	4924.	630.47	4980.01	627.57	4981.5
GR	633.36	4930.	4979.99	627.74	4980.	627.74	4993.1	618.56	4998.
GR	627.57	4981.51	4981.6	626.16	4993.	622.46	5020.	622.36	5026.
GR	618.16	4999.99	618.56	619.06	5010.	619.16	5028.	622.57	5028.01
GR	622.37	5026.09	5026.1	622.57	5027.99	622.57	5028.	629.13	5199.
GR	625.95	5060.	627.59	628.06	5080.	643.54	5093.	645.47	5448.
GR	630.47	5349.	635.47	640.47	5378.	0.	5421.	0.	0.
GR	650.47	5486.	0.	0.	0.	0.	0.	0.	0.
NC			0.1	0.3					

T1 Hayes, Seay, Mattern & Mattern Cabarrus County, NC FIS  
T2 Proj. No. EMW-90-C-3101 Eng: LJM/EKL ET:TFH Comm. No. 2373  
T3 Adams Creek (ADAMS.IN) Date: 10/05/91 50-Year Event

J1	ICHECK	IRQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	3.0			0.0028					515.0	
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHN1H	ITRACE
	2.	-1.0								



T1	Hayes, Seay, Mattern & Mattern	Cabarrus County, NC FIS
T2	Proj. No. EMW-90-C-3101 Eng:LJM/EKL ET:TFH	Comm. No. 2373
T3	Adams Creek (ADAMS.IN) Date: 10/05/91	100-Year Event

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	4.0				0.0028				515.0	
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
3.			-1.0							

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T1	Hayes, Seay, Mattern & Mattern	Cabarrus County, NC FIS
T2	Proj. No. EMW-90-C-3101 Eng:LJM/EKL ET:TFH	Comm. No. 2373
T3	Adams Creek (ADAMS.IN) Date: 10/05/91	500-Year Event

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	5.0			0.0028					515.0	
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15.		-1.0							

THIS RUN EXECUTED 05OCT91 17:55:57

\*\*\*\*\*  
 HEC-2 WATER SURFACE PROFILES  
 Version 4.6.2; May 1991  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

Adams Creek (ADAMS.IN)

SUMMARY PRINTOUT TABLE 101

SECH0	EGDC	ELLC	EGIC	ELTRD	QCULV	QWEIR	CLASS	H4	DEPTH	CWSEL	VCH	EG
24657.000	598.44	601.07	596.16	604.57	2415.00	.00	7.00	.25	8.82	597.89	5.95	598.44
24657.000	601.47	601.07	599.01	604.57	3942.00	.00	7.00	.42	11.54	600.61	7.42	601.47
24657.000	602.64	601.07	600.08	604.57	4570.00	.00	7.00	.55	12.61	601.68	7.87	602.64
* 24657.000	607.18	601.07	603.03	604.57	5345.38	1118.00	17.00	2.12	16.87	505.94	4.35	606.10
27178.000	607.25	605.00	603.76	606.50	1720.72	715.41	17.00	1.76	12.81	606.91	3.10	607.01
27178.000	613.63	605.00	608.78	606.50	1260.95	1796.63	17.00	.80	14.25	608.35	4.20	608.51
27178.000	616.51	605.00	612.07	606.50	1038.21	2499.10	17.00	.44	14.57	608.67	4.67	608.88
27178.000	627.14	605.00	624.88	606.50	422.59	4644.53	17.00	.00	16.26	610.36	5.40	610.62

Adams Creek (ADAMS. IH)

SUMMARY PRINTOUT TABLE 150

SECR0	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.0IK
625.000	.00	.00	.00	497.55	4539.00	512.67	.00	513.14	27.46	5.68	1957.30	866.18
625.000	.00	.00	.00	497.55	7198.00	514.93	.00	515.54	28.06	6.69	3443.21	1358.90
625.000	.00	.00	.00	497.55	8373.00	515.78	.00	516.44	28.35	7.06	4050.58	1572.63
625.000	.00	.00	.00	497.55	11895.00	518.14	.00	518.92	28.04	7.93	5793.14	2246.43
1060.000	435.00	.00	.00	499.80	4539.00	513.77	.00	514.26	23.93	5.99	2803.82	927.79
1060.000	435.00	.00	.00	499.80	7198.00	516.09	.00	516.72	26.10	7.11	4525.24	1409.03
1050.000	435.00	.00	.00	499.80	8373.00	516.96	.00	517.64	26.84	7.52	5192.08	1616.28
1060.000	435.00	.00	.00	499.80	11895.00	519.34	.00	520.14	27.79	8.49	7091.19	2256.40
* 1735.000	675.00	.00	.00	503.71	4539.00	515.79	511.89	516.67	51.78	7.76	1559.84	630.77
1735.000	675.00	.00	.00	503.71	7198.00	518.17	.00	519.11	46.23	8.57	3637.00	1058.61
* 1735.000	675.00	.00	.00	503.71	8373.00	519.05	.00	520.03	44.59	8.85	4460.88	1253.94
1735.000	675.00	.00	.00	503.71	11895.00	521.45	.00	522.45	40.68	9.51	6767.82	1864.98
* 2546.000	811.00	.00	.00	508.40	4539.00	518.67	.00	518.94	16.82	4.27	1760.74	1106.82
* 2546.000	811.00	.00	.00	508.40	7198.00	520.94	.00	521.31	17.01	5.09	2996.79	1745.34
* 2546.000	811.00	.00	.00	508.40	8373.00	521.79	.00	522.20	17.20	5.40	3517.70	2018.75
* 2546.000	811.00	.00	.00	508.40	11895.00	524.05	.00	524.59	17.72	6.22	5009.21	2825.56
* 2937.000	391.00	.00	.00	508.43	4539.00	519.33	.00	520.12	46.36	7.42	859.70	666.65
* 2937.000	391.00	.00	.00	508.43	7198.00	521.50	.00	522.62	52.91	9.06	1330.91	989.61
* 2937.000	391.00	.00	.00	508.43	8373.00	522.31	.00	523.56	55.12	9.66	1526.37	1127.80
* 2937.000	391.00	.00	.00	508.43	11895.00	524.47	.00	526.07	60.09	11.19	2087.35	1534.43
3842.000	905.00	.00	.00	508.50	4539.00	523.41	.00	524.24	44.48	7.48	756.70	680.57
3842.000	905.00	.00	.00	508.50	7198.00	526.04	.00	527.21	48.33	9.05	1128.62	1035.38
3842.000	905.00	.00	.00	508.50	8373.00	527.01	.00	528.32	49.77	9.64	1289.45	1186.89
3842.500	905.00	.00	.00	508.50	11895.00	529.54	.00	531.23	53.55	11.16	1766.19	1625.44
4763.000	921.00	.00	.00	511.51	4539.00	527.14	.00	527.81	33.62	6.79	1044.29	782.86
4763.000	921.00	.00	.00	511.51	7198.00	530.07	.00	530.91	33.39	7.91	1761.55	1245.72
4763.000	921.00	.00	.00	511.51	8373.00	531.17	.00	532.07	33.37	8.31	2083.66	1449.38
4763.000	921.00	.00	.00	511.51	11895.00	534.05	.00	535.12	33.32	9.33	3162.88	2050.69
* 5734.700	971.70	.00	.00	514.68	4539.00	529.63	.00	529.93	14.86	4.64	1750.03	1177.53
* 5734.700	971.70	.00	.00	514.68	7198.00	532.65	.00	533.05	15.16	5.52	2827.37	1848.49
* 5734.700	971.70	.00	.00	514.68	8373.00	533.79	.00	534.23	15.27	5.84	3345.63	2142.44
* 5734.700	971.70	.00	.00	514.68	11895.00	536.76	.00	537.31	15.50	6.63	4949.69	3021.73
6034.700	300.05	.00	.00	515.66	4539.00	530.11	.00	530.39	16.14	4.54	1644.05	1129.72
6034.700	300.05	.00	.00	515.66	7198.00	533.18	.00	533.52	14.37	5.12	2787.75	1899.06
6034.700	300.05	.00	.00	515.66	8373.00	534.33	.00	534.69	13.62	5.32	3343.27	2252.61
6034.700	300.05	.00	.00	515.66	11895.00	537.37	.00	537.77	12.65	5.79	5039.90	3344.95

SECR0	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIVS	EG	10*KS	VCH	AREA	.0IK
6066.200	31.50	527.96	526.06	515.66	4539.00	531.13	.00	531.35	11.94	4.01	1971.92	1313.82
6066.200	31.50	527.96	526.06	515.66	7198.00	523.32	.00	533.66	14.56	5.01	2860.13	1886.50
6066.200	31.50	527.96	526.06	515.66	8373.00	534.34	.00	534.69	14.04	5.28	3347.44	2188.27
6066.200	31.50	527.96	526.06	515.66	11895.00	537.39	.00	537.77	13.34	5.73	5046.34	3256.64
6167.200	101.00	.00	.00	516.08	4539.00	531.23	.00	531.50	13.18	4.43	1865.01	1250.31
6167.200	101.00	.00	.00	516.08	7198.00	533.46	.00	533.84	15.03	5.51	2726.26	1797.70
6167.200	101.00	.00	.00	516.08	8373.00	534.46	.00	534.88	16.12	5.90	3198.16	2085.71
6167.200	101.00	.00	.00	516.08	11895.00	537.46	.00	537.94	14.63	6.29	4862.36	3103.93
* 7133.000	965.75	.00	.00	520.15	4539.00	532.99	.00	533.78	43.99	7.23	771.56	684.32
* 7133.000	965.75	.00	.00	520.15	7198.00	535.44	.00	536.54	47.60	8.80	1175.60	1043.27
* 7133.000	965.75	.00	.00	520.15	8373.00	536.41	.00	537.61	47.87	9.29	1365.93	1210.22
* 7133.000	965.75	.00	.00	520.15	11895.00	539.14	.00	540.55	46.30	10.35	1981.05	1748.21
7843.000	710.00	.00	.00	523.13	4539.00	535.93	.00	536.53	33.94	7.02	1210.46	779.11
7843.000	710.00	.00	.00	523.13	7198.00	538.67	.00	539.39	33.65	8.08	1940.00	1240.94
7843.000	710.00	.00	.00	523.13	8373.00	539.70	.00	540.48	33.64	8.48	2274.75	1443.60
7843.000	710.00	.00	.00	523.13	11895.00	542.48	.00	543.37	33.15	9.43	3350.60	2066.05
8624.000	781.00	.00	.00	526.42	4539.00	539.04	.00	539.94	54.78	7.91	882.46	613.27
8624.000	781.00	.00	.00	526.42	7198.00	541.64	.00	542.70	51.31	9.00	1619.68	1004.86
8624.000	781.00	.00	.00	526.42	8373.00	542.64	.00	543.75	50.09	9.37	1961.89	1183.08
8624.000	781.00	.00	.00	526.42	11895.00	545.29	.00	546.55	47.28	10.30	3029.22	1730.00
9519.000	895.00	.00	.00	530.18	4539.00	543.03	.00	543.56	30.52	5.84	839.35	821.58
9519.000	895.00	.00	.00	530.18	7198.00	545.54	.00	546.28	31.51	7.04	1394.46	1282.34
9519.000	895.00	.00	.00	530.18	8373.00	546.48	.00	547.30	31.67	7.45	1912.58	1487.95
9519.000	895.00	.00	.00	530.18	11895.00	548.98	.00	549.98	31.37	8.40	3632.02	2123.78
* 10355.000	836.00	.00	.00	533.70	4539.00	546.55	543.45	548.23	106.01	10.52	562.54	440.84
* 10355.000	836.00	.00	.00	533.70	7198.00	549.04	.00	551.04	104.10	12.08	1060.63	705.50
* 10355.000	836.00	.00	.00	533.70	8373.00	549.97	.00	552.07	102.90	12.60	1276.76	825.43
* 10355.000	836.00	.00	.00	533.70	11895.00	552.36	.00	554.71	100.95	13.92	1894.46	1183.90
* 11262.000	907.00	.00	.00	536.13	4539.00	551.47	.00	551.93	20.50	5.64	1159.65	1002.60
* 11262.000	907.00	.00	.00	536.13	7198.00	554.37	.00	555.04	23.07	6.91	1757.17	1498.51
* 11262.000	907.00	.00	.00	536.13	8373.00	555.42	.00	556.18	24.21	7.41	1996.40	1701.70
* 11262.000	907.00	.00	.00	536.13	11895.00	558.10	.00	559.13	27.29	8.73	2680.81	2277.11
* 11518.000	656.00	.00	.00	537.89	4539.00	553.13	.00	553.94	44.24	7.70	1463.13	682.45
* 11518.000	656.00	.00	.00	537.89	7198.00	556.19	.00	557.10	41.40	8.63	2742.01	1118.72
* 11518.000	656.00	.00	.00	537.89	8373.00	557.32	.00	558.26	40.91	8.99	3234.12	1309.16
* 11518.000	656.00	.00	.00	537.89	11895.00	560.23	.00	561.30	40.37	9.96	4557.72	1872.10
* 12237.000	319.60	.00	.00	538.75	4232.00	554.32	.00	554.55	8.62	4.21	1785.89	1441.76
* 12237.000	319.60	.00	.00	538.75	6702.00	557.41	.00	557.76	10.35	5.28	2494.54	2082.73
* 12237.000	319.60	.00	.00	538.75	7767.00	558.55	.00	558.94	10.99	5.67	2785.13	2343.67
* 12237.000	319.60	.00	.00	538.75	10932.00	561.49	.00	562.03	12.59	6.71	3652.96	3082.55

SECKO	XLCH	ELTRO	ELLC	ELMIN	Q	CMSEL	CR1WS	EG	10*KS	YCH	AREA	.OIK
12537.000	300.00	.00	.00	539.56	4232.00	554.61	.00	554.91	14.10	5.40	1678.77	1127.00
12537.000	300.00	.00	.00	539.56	6702.00	557.76	.00	558.16	16.26	6.62	2360.64	1662.23
12537.000	300.00	.00	.00	539.56	7767.00	558.91	.00	559.39	17.03	7.08	2669.75	1891.84
12537.000	300.00	.00	.00	539.56	10939.00	561.91	.00	562.53	19.04	8.27	3523.96	2507.13
12559.000	21.80	550.36	548.25	539.56	4232.00	554.92	.00	555.12	19.60	4.58	1742.81	955.82
12559.000	21.80	550.36	548.25	539.56	6702.00	557.90	.00	558.18	23.34	5.66	2414.37	1387.24
12559.000	21.80	550.36	548.25	539.56	7767.00	559.08	.00	559.39	24.23	6.03	2711.05	1577.76
12559.000	21.80	550.36	548.25	539.56	10939.00	562.13	.00	562.53	26.51	6.98	3597.23	2124.76
12635.000	76.00	.00	.00	540.23	4232.00	555.00	.00	555.26	10.71	4.52	1621.28	1293.01
12635.000	76.00	.00	.00	540.23	6702.00	557.97	.00	558.37	12.70	5.63	2270.41	1880.70
12635.000	76.00	.00	.00	540.23	7767.00	559.14	.00	559.59	13.19	6.01	2556.94	2138.85
12635.000	76.00	.00	.00	540.23	10939.00	562.18	.00	562.77	14.47	7.01	3397.26	2875.23
* 13489.000	853.60	.00	.00	547.78	4232.00	556.09	555.55	558.30	220.11	11.94	373.50	285.25
* 13489.000	853.60	.00	.00	547.78	6702.00	559.32	557.72	561.30	117.56	11.62	860.24	618.13
* 13489.000	853.60	.00	.00	547.78	7767.00	560.52	.00	562.46	100.22	11.65	1128.66	775.86
* 13489.000	853.60	.00	.00	547.78	10939.00	563.61	.00	565.57	75.42	12.02	1887.26	1259.59
* 14396.000	907.00	.00	.00	555.80	4232.00	565.50	.00	566.07	43.92	6.42	948.09	638.57
* 14396.000	907.00	.00	.00	555.80	6702.00	567.33	.00	568.21	51.96	8.03	1252.52	929.72
* 14396.000	907.00	.00	.00	555.80	7767.00	568.06	.00	569.05	53.68	8.58	1380.74	1060.13
* 14396.000	907.00	.00	.00	555.80	10939.00	570.18	.00	571.45	55.01	9.83	1766.69	1474.85
15241.000	845.00	.00	.00	558.46	4232.00	569.79	.00	570.61	64.64	7.24	584.48	526.36
15241.000	845.00	.00	.00	558.46	6702.00	572.03	.00	573.19	64.97	8.65	829.27	831.45
15241.000	845.00	.00	.00	558.46	7767.00	572.84	.00	574.13	65.25	9.16	952.47	961.51
15241.000	845.00	.00	.00	558.46	10939.00	574.98	.00	576.58	64.69	10.37	1367.53	1360.03
15853.000	612.00	.00	.00	560.38	4232.00	573.22	.00	574.27	53.59	8.31	574.61	576.09
15853.000	612.00	.00	.00	560.38	6702.00	575.64	.00	577.25	63.42	10.39	823.78	841.57
15853.000	612.00	.00	.00	560.38	7767.00	576.51	.00	578.33	66.95	11.15	939.41	949.26
15853.000	612.00	.00	.00	560.38	10939.00	578.67	.00	581.14	76.65	13.16	1308.09	1249.45
16367.000	514.00	.00	.00	562.00	4232.00	575.74	.00	576.53	35.70	7.32	742.44	708.29
16367.000	514.00	.00	.00	562.00	6702.00	578.70	.00	579.77	37.61	8.76	1113.97	1092.63
16367.000	514.00	.00	.00	562.00	7767.00	579.77	.00	580.95	38.27	9.28	1277.53	1255.57
16367.000	514.00	.00	.00	562.00	10939.00	582.54	.00	584.01	39.81	10.57	1762.68	1733.77
17297.000	930.00	.00	.00	564.29	4232.00	578.82	.00	579.22	23.33	5.20	1130.30	976.16
17297.000	930.00	.00	.00	564.29	6702.00	581.84	.00	582.31	19.31	5.80	2187.27	1505.70
17297.000	930.00	.00	.00	564.29	7767.00	582.96	.00	583.45	18.99	6.03	2706.32	1782.19
17297.000	930.00	.00	.00	564.29	10939.00	585.89	.00	586.45	17.48	6.61	4392.23	2616.75
17845.000	548.00	.00	.00	565.63	4232.00	580.20	.00	581.05	42.97	7.53	738.99	645.58
17845.000	548.00	.00	.00	565.63	6702.00	582.97	.00	584.00	41.74	8.65	1350.11	1037.38
17845.000	548.00	.00	.00	565.63	7767.00	584.02	.00	585.09	40.69	8.98	1636.58	1217.59
17845.000	548.00	.00	.00	565.63	10939.00	586.83	.00	587.99	37.92	9.76	2540.28	1776.41

SEONO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.0IK
18604.000	759.00	.00	.00	567.50	2943.00	583.21	.00	583.77	27.72	6.19	663.70	558.99
18604.000	759.00	.00	.00	567.50	4752.00	586.01	.00	585.76	29.72	7.42	1102.48	871.70
18604.000	759.00	.00	.00	567.50	5504.00	587.02	.00	587.82	29.86	7.78	1295.27	1007.33
18604.000	759.00	.00	.00	567.50	7741.00	589.69	.00	590.61	29.83	8.66	1886.62	1417.38
19505.000	901.00	.00	.00	570.90	2943.00	585.78	.00	585.39	30.25	6.46	638.38	535.02
19505.000	901.00	.00	.00	570.90	4752.00	588.69	.00	589.46	30.19	7.54	1121.99	864.81
19505.000	901.00	.00	.00	570.90	5504.00	589.72	.00	590.54	30.27	7.91	1313.58	1000.34
19505.000	901.00	.00	.00	570.90	7741.00	592.37	.00	592.33	30.26	8.82	1889.13	1407.11
20447.000	942.00	.00	.00	574.45	2943.00	588.43	.00	589.01	25.60	6.24	559.56	581.69
20447.000	942.00	.00	.00	574.45	4752.00	591.39	.00	592.25	28.38	7.68	832.28	892.07
20447.000	942.00	.00	.00	574.45	5504.00	592.42	.00	593.38	29.22	8.17	943.45	1018.16
20447.000	942.00	.00	.00	574.45	7741.00	595.08	.00	596.31	31.38	9.43	1266.48	1381.81
21229.000	782.00	.00	.00	577.40	2943.00	590.73	.00	591.29	33.44	6.39	772.70	508.96
21229.000	782.00	.00	.00	577.40	4752.00	593.87	.00	594.47	27.75	6.99	1909.89	902.07
21229.000	782.00	.00	.00	577.40	5504.00	594.97	.00	595.58	26.30	7.18	2397.24	1073.18
21229.000	782.00	.00	.00	577.40	7741.00	597.85	.00	598.48	23.48	7.67	3624.97	1597.62
22132.000	903.00	.00	.00	580.48	2943.00	593.44	.00	593.91	25.10	5.68	888.78	587.38
22132.000	903.00	.00	.00	580.48	4752.00	596.22	.00	595.77	23.43	6.50	1841.73	981.79
22132.000	903.00	.00	.00	580.48	5504.00	597.21	.00	597.79	22.80	6.75	2271.75	1152.66
22132.000	903.00	.00	.00	580.48	7741.00	599.86	.00	600.51	21.32	7.37	3618.30	1676.64
22971.000	839.00	.00	.00	583.34	2943.00	595.64	.00	596.19	28.80	6.06	625.18	548.36
22971.000	839.00	.00	.00	583.34	4752.00	598.28	.00	599.00	29.09	7.17	1131.00	891.08
22971.000	839.00	.00	.00	583.34	5504.00	599.23	.00	600.00	29.02	7.53	1376.47	1021.70
22971.000	839.00	.00	.00	583.34	7741.00	601.73	.00	602.64	28.40	8.37	2192.44	1452.68
* 23784.000	813.00	.00	.00	586.12	2415.00	596.99	.00	597.07	4.60	2.24	1907.91	1125.68
* 23784.000	813.00	.00	.00	586.12	3942.00	599.74	.00	599.82	4.00	2.55	3628.75	1970.28
* 23784.000	813.00	.00	.00	586.12	4570.00	600.71	.00	600.81	3.85	2.65	4382.03	2329.29
* 23784.000	813.00	.00	.00	586.12	6441.00	603.30	.00	603.41	3.55	2.91	6680.96	3416.21
* 24584.000	800.00	.00	.00	588.85	2415.00	597.51	.00	598.19	39.64	6.60	365.91	383.55
* 24584.000	800.00	.00	.00	588.85	3942.00	600.01	.00	601.05	42.49	8.20	480.86	604.75
* 24584.000	800.00	.00	.00	588.85	4570.00	600.90	.00	602.09	43.49	8.76	521.79	692.96
* 24584.000	800.00	.00	.00	588.85	6441.00	603.71	.00	603.97	12.73	5.49	5840.75	1805.55
24657.000	73.00	604.57	501.07	589.07	2415.00	597.89	.00	596.44	27.63	5.95	405.64	459.47
24657.000	73.00	604.57	501.07	589.07	3942.00	600.61	.00	601.47	29.95	7.42	531.26	720.34
24657.000	73.00	604.57	501.07	589.07	4570.00	601.63	.00	602.64	29.98	7.87	560.35	834.65
* 24657.000	73.00	604.57	501.07	589.07	6441.00	605.94	.00	606.10	6.22	4.35	8161.03	2582.19
* 24858.000	201.00	.00	.00	589.47	2415.00	598.76	.00	598.88	10.35	2.89	1409.15	750.84
* 24858.000	201.00	.00	.00	589.47	3942.00	601.81	.00	601.92	6.11	2.89	3705.49	1595.04
* 24858.000	201.00	.00	.00	589.47	4570.00	603.00	.00	603.11	5.18	2.88	4789.71	2008.06
24858.000	201.00	.00	.00	589.47	6441.00	606.11	.00	606.21	3.81	2.93	8041.93	3301.64

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
* 25730.000	872.00	.00	.00	591.18	2415.00	599.86	598.82	501.81	195.64	11.17	221.79	172.66
* 25730.000	872.00	.00	.00	591.18	3942.00	601.82	601.71	604.09	178.01	12.70	858.57	295.46
* 25730.000	872.00	.00	.00	591.18	4370.00	603.02	602.35	604.89	131.90	11.96	1322.58	397.92
* 25730.000	872.00	.00	.00	591.18	6441.00	606.12	.00	607.47	75.12	10.90	2704.82	743.16
* 26717.000	987.00	.00	.00	593.13	1824.00	604.69	.00	604.84	8.75	3.44	1260.74	616.46
* 26717.000	987.00	.00	.00	593.13	3055.00	607.07	.00	607.27	9.72	4.17	2173.08	980.09
* 26717.000	987.00	.00	.00	593.13	3554.00	607.74	.00	607.96	10.44	4.47	2464.76	1099.90
* 26717.000	987.00	.00	.00	593.13	5049.00	609.86	.00	610.12	11.05	5.08	3466.84	1518.89
27117.000	400.00	.00	.00	593.92	1824.00	605.05	.00	605.25	10.59	3.92	1112.39	560.57
27117.000	400.00	.00	.00	593.92	3055.00	607.46	.00	607.71	11.38	4.68	2009.17	905.48
27117.000	400.00	.00	.00	593.92	3554.00	608.17	.00	608.44	12.07	4.99	2303.66	1022.89
27117.000	400.00	.00	.00	593.92	5049.00	610.30	.00	610.62	12.55	5.62	3292.27	1425.03
27178.000	61.00	606.50	605.00	594.10	1824.00	606.91	.00	607.01	10.04	3.10	1676.70	575.51
27178.000	61.00	606.50	605.00	594.10	3055.00	608.35	.00	608.51	15.45	4.20	2268.31	777.23
27178.000	61.00	606.50	605.00	594.10	3554.00	608.67	.00	608.88	18.46	4.67	2411.55	827.20
27178.000	61.00	606.50	605.00	594.10	5049.00	610.36	.00	610.62	20.69	5.40	3205.03	1110.03
27279.000	101.00	.00	.00	594.33	1824.00	606.98	.00	607.08	5.59	2.94	1655.66	771.18
27279.000	101.00	.00	.00	594.33	3055.00	608.46	.00	608.64	9.11	4.08	2251.84	1012.32
27279.000	101.00	.00	.00	594.33	3554.00	608.80	.00	609.03	10.95	4.55	2401.80	1073.94
27279.000	101.00	.00	.00	594.33	5049.00	610.50	.00	610.80	12.96	5.37	3190.40	1402.44
* 28140.000	861.00	.00	.00	597.14	1824.00	607.64	.00	607.79	12.67	3.24	1430.87	512.42
28140.000	861.00	.00	.00	597.14	3055.00	609.40	.00	609.61	14.00	4.00	2300.70	816.47
28140.000	861.00	.00	.00	597.14	3554.00	609.89	.00	610.13	15.08	4.31	2564.36	915.25
28140.000	861.00	.00	.00	597.14	5049.00	611.71	.00	611.98	14.49	4.79	3582.31	1326.46
* 29043.000	903.00	.00	.00	600.10	1824.00	609.63	608.16	610.50	100.92	7.86	414.33	181.57
* 29043.000	903.00	.00	.00	600.10	3055.00	611.48	.00	612.24	74.88	8.13	1074.04	353.05
* 29043.000	903.00	.00	.00	600.10	3554.00	612.08	.00	612.83	70.29	8.29	1305.77	423.91
* 29043.000	903.00	.00	.00	600.10	5049.00	613.75	.00	614.47	60.05	8.66	1972.79	651.55
* 29859.000	816.00	.00	.00	602.32	1824.00	613.30	.00	613.49	18.09	3.99	1762.10	428.81
* 29859.000	816.00	.00	.00	602.32	3055.00	614.93	.00	615.17	20.44	4.85	2786.29	675.77
* 29859.000	816.00	.00	.00	602.32	3554.00	615.49	.00	615.75	21.07	5.13	3179.50	774.32
* 29859.000	816.00	.00	.00	602.32	5049.00	617.00	.00	617.32	22.22	5.82	4238.70	1071.22
30847.000	988.00	.00	.00	605.00	1824.00	615.09	.00	615.17	15.89	3.67	2776.65	457.55
30847.000	988.00	.00	.00	605.00	3055.00	616.89	.00	616.99	16.43	4.32	4233.75	755.65
30847.000	988.00	.00	.00	605.00	3554.00	617.51	.00	617.61	16.69	4.54	4769.69	869.81
30847.000	988.00	.00	.00	605.00	5049.00	619.15	.00	619.26	17.30	5.13	6285.21	1213.84
* 31752.000	905.00	.00	.00	607.22	1824.00	617.06	.00	617.56	45.17	5.95	591.03	271.41
* 31752.000	905.00	.00	.00	607.22	3055.00	618.83	.00	619.37	41.74	6.68	1541.04	472.85
* 31752.000	905.00	.00	.00	607.22	3554.00	619.44	.00	619.98	40.25	6.88	2002.12	560.22
* 31752.000	905.00	.00	.00	607.22	5049.00	621.05	.00	621.58	36.14	7.27	3452.28	839.84



SECH0	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
32739.000	987.00	.00	.00	609.65	1824.00	620.99	.00	621.40	33.58	5.16	425.74	314.77
32739.000	987.00	.00	.00	609.65	3055.00	622.81	.00	623.43	40.13	6.55	985.93	482.28
32739.000	987.00	.00	.00	609.65	3554.00	623.40	.00	624.10	42.22	7.00	1261.84	546.94
32739.000	987.00	.00	.00	609.65	5049.00	624.86	.00	625.76	47.56	8.17	2151.76	732.10
* 33576.000	837.00	.00	.00	611.70	1824.00	623.10	.00	623.33	16.55	4.18	791.39	448.34
* 33576.000	837.00	.00	.00	611.70	3055.00	625.29	.00	625.58	17.40	4.97	1389.36	732.31
* 33576.000	837.00	.00	.00	611.70	3554.00	626.02	.00	626.33	17.86	5.25	1613.90	840.85
* 33576.000	837.00	.00	.00	611.70	5049.00	627.83	.00	628.22	19.23	6.00	2216.89	1151.44
* 34423.000	847.00	.00	.00	614.33	1824.00	625.00	.00	625.38	36.72	5.78	914.19	301.00
34423.000	847.00	.00	.00	614.33	3055.00	627.20	.00	627.61	33.40	6.44	1756.66	528.59
34423.000	847.00	.00	.00	614.33	3554.00	627.95	.00	628.36	32.64	6.66	2080.46	622.10
34423.000	847.00	.00	.00	614.33	5049.00	629.85	.00	630.29	31.66	7.27	2999.93	897.26
35103.000	680.50	.00	.00	616.44	1106.00	626.69	.00	626.77	9.77	2.35	495.36	353.76
35103.000	680.50	.00	.00	616.44	1955.00	628.78	.00	628.91	9.67	2.91	1061.94	629.77
35103.000	680.50	.00	.00	616.44	2288.00	629.49	.00	629.63	9.51	3.07	1348.82	742.05
35103.000	680.50	.00	.00	616.44	3296.00	631.55	.00	631.52	9.23	3.46	2155.62	1085.15
* 35503.000	400.00	.00	.00	617.69	1106.00	627.19	.00	627.44	24.15	3.95	280.33	225.06
* 35503.000	400.00	.00	.00	617.69	1955.00	629.26	.00	629.68	29.31	5.25	372.27	361.11
* 35503.000	400.00	.00	.00	617.69	2288.00	629.94	.00	630.44	30.84	5.68	402.92	412.00
* 35503.000	400.00	.00	.00	617.69	3296.00	631.72	.00	632.45	35.14	6.83	482.30	555.99
35504.000	1.00	636.99	633.88	617.69	1106.00	627.20	.00	627.44	21.24	3.95	279.99	239.97
35504.000	1.00	636.99	633.88	617.69	1955.00	628.26	.00	629.69	28.25	5.26	371.81	367.79
35504.000	1.00	636.99	633.88	617.69	2288.00	629.94	.00	630.45	30.49	5.69	402.41	414.34
35504.000	1.00	636.99	633.88	617.69	3296.00	631.72	.00	632.45	37.18	6.84	481.71	540.52
35537.000	33.00	636.99	633.88	617.69	1106.00	627.27	.00	627.51	20.59	3.90	283.34	243.72
35537.000	33.00	636.99	633.88	617.69	1955.00	629.36	.00	629.78	27.26	5.20	376.05	374.45
35537.000	33.00	636.99	633.88	617.69	2288.00	630.06	.00	630.55	29.54	5.62	407.21	420.95
35537.000	33.00	636.99	633.88	617.69	3296.00	631.87	.00	632.58	35.94	6.75	488.23	549.80
35538.000	1.00	.00	.00	617.69	1106.00	627.28	.00	627.51	23.14	3.90	283.93	229.91
35538.000	1.00	.00	.00	617.69	1955.00	629.37	.00	629.78	28.07	5.18	377.14	369.01
35538.000	1.00	.00	.00	617.69	2288.00	630.07	.00	630.55	29.52	5.60	408.25	421.13
35538.000	1.00	.00	.00	617.69	3296.00	631.88	.00	632.58	33.55	6.74	489.06	569.03
35538.000	100.00	.00	.00	618.16	1106.00	627.52	.00	627.74	15.62	2.76	408.66	279.68
* 35638.000	100.00	.00	.00	618.16	1955.00	629.89	.00	630.05	13.09	3.20	842.83	540.31
* 35638.000	100.00	.00	.00	618.16	2288.00	630.67	.00	630.83	12.24	3.32	1127.12	654.05
* 35638.000	100.00	.00	.00	618.16	3296.00	632.72	.00	632.91	10.54	3.61	1997.64	1015.35

## Adams Creek (ADAMS.IN)

## SUMMARY PRINTOUT TABLE 150

SECDN	Q	CWSEL	DIFWSP	DIFVXS	DIFKWS	TOPWJD	XLCH
625.000	4539.00	512.67	.00	.00	-2.33	603.24	.00
625.000	7198.00	514.93	2.26	.00	-.07	711.79	.00
625.000	8373.00	515.78	.84	.00	.78	724.33	.00
625.000	11895.00	518.14	2.36	.00	3.14	752.65	.00
1060.000	4539.00	513.77	.00	1.10	.00	721.17	435.00
1060.000	7198.00	516.09	2.32	1.16	.00	760.81	435.00
1060.000	8373.00	516.96	.87	1.18	.00	775.74	435.00
1060.000	11895.00	519.34	2.39	1.20	.00	816.76	435.00
* 1735.000	4539.00	515.79	.00	2.02	.00	834.87	675.00
* 1735.000	7198.00	518.17	2.38	2.07	.00	909.55	675.00
* 1735.000	8373.00	519.06	.89	2.10	.00	937.53	675.00
* 1735.000	11895.00	521.45	2.39	2.11	.00	986.95	675.00
* 2546.000	4539.00	518.67	.00	2.89	.00	468.39	811.00
* 2546.000	7198.00	520.94	2.27	2.77	.00	598.06	811.00
* 2546.000	8373.00	521.79	.85	2.73	.00	624.48	811.00
* 2546.000	11895.00	524.05	2.26	2.61	.00	694.59	811.00
* 2937.000	4539.00	519.33	.00	.66	.00	192.20	391.00
* 2937.000	7198.00	521.50	2.17	.56	.00	233.75	391.00
* 2937.000	8373.00	522.31	.82	.52	.00	245.02	391.00
* 2937.000	11895.00	524.47	2.16	.42	.00	274.80	391.00
3842.000	4539.00	523.41	.00	4.08	.00	127.06	905.00
3842.000	7198.00	526.04	2.62	4.54	.00	158.34	905.00
3842.000	8373.00	527.01	.97	4.70	.00	171.78	905.00
3842.000	11895.00	529.54	2.53	5.07	.00	206.53	905.00
4763.000	4539.00	527.14	.00	3.73	.00	221.04	921.00
4763.000	7198.00	530.07	2.93	4.03	.00	270.60	921.00
4763.000	8373.00	531.17	1.10	4.15	.00	315.46	921.00
4763.000	11895.00	534.05	2.88	4.51	.00	433.10	921.00
* 5734.700	4539.00	529.63	.00	2.49	.00	292.01	971.70
* 5734.700	7198.00	532.65	3.02	2.59	.00	428.73	971.70
* 5734.700	8373.00	533.79	1.14	2.62	.00	483.56	971.70
* 5734.700	11895.00	536.76	2.97	2.71	.00	579.52	971.70
6034.700	4539.00	530.11	.00	.48	.00	295.66	300.05
6034.700	7198.00	533.19	3.07	.52	.00	450.13	300.05
6034.700	8373.00	534.33	1.16	.55	.00	508.48	300.05
6034.700	11895.00	537.37	3.04	.61	.00	592.61	300.05

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6066.200	4539.00	531.13	.00	1.02	.00	347.09	31.50
6066.200	7198.00	533.33	2.21	.16	.00	458.17	31.50
6066.200	8373.00	534.34	1.01	.01	.00	508.91	31.50
6066.200	1895.00	537.39	3.04	.01	.00	593.04	31.50
6167.200	4539.00	531.23	.00	.10	.00	331.18	101.00
6167.200	7198.00	533.45	2.22	.12	.00	443.20	101.00
6167.200	8373.00	534.46	1.01	.12	.00	493.91	101.00
6167.200	1895.00	537.49	3.03	.11	.00	586.36	101.00
* 7133.000	4539.00	532.99	.00	1.76	.00	140.73	965.75
* 7133.000	7198.00	535.44	2.45	1.98	.00	188.11	965.75
* 7133.000	8373.00	536.41	.97	1.94	.00	203.84	965.75
* 7133.000	1895.00	539.14	2.73	1.65	.00	248.07	965.75
7843.000	4539.00	535.93	.00	2.94	.00	225.00	710.00
7843.000	7198.00	538.67	2.74	3.23	.00	307.69	710.00
7843.000	8373.00	539.70	1.03	3.29	.00	338.95	710.00
7843.000	1895.00	542.48	2.77	3.34	.00	437.43	710.00
8624.000	4539.00	539.04	.00	3.11	.00	232.78	781.00
8624.000	7198.00	541.64	2.60	2.97	.00	327.97	781.00
8624.000	8373.00	542.64	.99	2.93	.00	360.10	781.00
8624.000	1895.00	545.29	2.65	2.81	.00	442.00	781.00
9519.000	4539.00	543.03	.00	3.99	.00	135.68	895.00
9519.000	7198.00	545.54	2.50	3.89	.00	506.25	895.00
9519.000	8373.00	546.48	.94	3.84	.00	592.98	895.00
9519.000	1895.00	548.98	2.50	3.69	.00	754.98	895.00
* 10355.000	4539.00	546.55	.00	3.52	.00	176.16	836.00
* 10355.000	7198.00	549.04	2.49	3.51	.00	224.41	836.00
* 10355.000	8373.00	549.97	.93	3.49	.00	242.36	836.00
* 10355.000	1895.00	552.36	2.39	3.38	.00	274.12	836.00
* 11262.000	4539.00	551.47	.00	4.91	.00	190.85	507.00
* 11262.000	7198.00	554.37	2.90	5.33	.00	222.10	507.00
* 11262.000	8373.00	555.42	1.05	5.45	.00	234.99	507.00
* 11262.000	1895.00	558.10	2.68	5.74	.00	274.24	507.00
* 11918.000	4539.00	553.13	.00	1.66	.00	374.19	656.00
* 11918.000	7198.00	556.19	3.06	1.82	.00	432.55	656.00
* 11918.000	8373.00	557.32	1.13	1.90	.00	441.56	656.00
* 11918.000	1895.00	560.23	2.91	2.13	.00	465.25	656.00
* 12237.000	4232.00	554.32	.00	1.19	.00	209.60	319.60
* 12237.000	6702.00	557.41	3.09	1.22	.00	248.57	319.60
* 12237.000	7767.00	558.55	1.14	1.23	.00	262.89	319.60
* 12237.000	10939.00	561.49	2.94	1.25	.00	335.14	319.60

SECMO	Q	CNSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
12537.000	4232.00	554.61	.00	.29	.00	204.35	300.00
12537.000	6702.00	557.76	3.15	.35	.00	242.73	300.00
12537.000	7767.00	558.91	1.16	.37	.00	257.30	300.00
12537.000	10939.00	561.91	2.99	.42	.00	324.21	300.00
12559.000	4232.00	554.92	.00	.31	.00	207.28	21.80
12559.000	6702.00	557.90	2.97	.14	.00	244.50	21.80
12559.000	7767.00	559.08	1.18	.16	.00	259.34	21.80
12559.000	10939.00	562.13	3.06	.23	.00	330.51	21.80
12635.000	4232.00	555.00	.00	.07	.00	201.71	76.00
12635.000	6702.00	557.97	2.97	.07	.00	236.94	76.00
12635.000	7767.00	559.14	1.17	.06	.00	251.72	76.00
12635.000	10939.00	562.18	3.04	.05	.00	313.11	76.00
* 13489.000	4232.00	556.09	.00	1.10	.00	96.30	853.60
* 13489.000	6702.00	559.32	3.22	1.35	.00	205.85	853.60
* 13489.000	7767.00	560.52	1.20	1.38	.00	233.16	853.60
* 13489.000	10939.00	563.61	3.09	1.43	.00	257.88	853.60
* 14396.000	4232.00	565.50	.00	9.41	.00	161.98	907.00
* 14396.000	6702.00	567.33	1.83	8.02	.00	172.23	907.00
14396.000	7767.00	568.05	.73	7.54	.00	176.37	907.00
14396.000	10939.00	570.18	2.11	6.57	.00	188.74	907.00
15241.000	4232.00	569.79	.00	4.29	.00	81.95	845.00
15241.000	6702.00	572.03	2.24	4.70	.00	141.07	845.00
15241.000	7767.00	572.84	.81	4.78	.00	164.11	845.00
15241.000	10939.00	574.98	2.14	4.80	.00	225.23	845.00
15853.000	4232.00	573.22	.00	3.43	.00	88.09	612.00
15853.000	6702.00	575.84	2.42	3.61	.00	123.55	612.00
15853.000	7767.00	576.51	.86	3.67	.00	144.26	612.00
15853.000	10939.00	578.67	2.17	3.70	.00	195.20	612.00
16367.000	4232.00	575.74	.00	2.52	.00	105.93	514.00
16367.000	6702.00	578.70	2.95	3.05	.00	145.52	514.00
16367.000	7767.00	579.77	1.07	3.26	.00	159.90	514.00
16367.000	10939.00	582.54	2.77	3.87	.00	189.67	514.00
17297.000	4232.00	578.82	.00	3.08	.00	272.14	930.00
17297.000	6702.00	581.84	3.02	3.14	.00	432.65	930.00
17297.000	7767.00	582.95	1.12	3.19	.00	485.08	930.00
17297.000	10939.00	585.89	2.93	3.35	.00	652.42	930.00
17845.000	4232.00	580.20	.00	1.38	.00	183.42	548.00
17845.000	6702.00	582.97	2.77	1.13	.00	257.67	548.00
17845.000	7767.00	584.02	1.05	1.07	.00	285.91	548.00
17845.000	10939.00	586.83	2.80	.94	.00	358.43	548.00

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SECNO	Q	CYSEL	DIFWSP	DIFWSX	DIFKMS	TOPWID	XLCH
18604.000	2943.00	583.21	.00	3.01	.00	130.55	721.00
18604.000	4752.00	586.01	2.80	3.04	.00	181.43	759.00
18604.000	5504.00	587.02	1.01	3.00	.00	198.87	759.00
18604.000	7741.00	589.69	2.67	2.86	.00	244.73	759.00
19505.000	2943.00	585.78	.00	2.57	.00	148.33	901.00
19505.000	4752.00	588.69	2.92	2.68	.00	183.33	901.00
19505.000	5504.00	589.72	1.02	2.69	.00	195.47	901.00
19505.000	7741.00	592.37	2.66	2.68	.00	238.95	901.00
20447.000	2943.00	586.43	.00	2.65	.00	80.41	942.00
20447.000	4752.00	591.39	2.96	2.69	.00	103.52	942.00
20447.000	5504.00	592.42	1.03	2.71	.00	111.39	942.00
20447.000	7741.00	595.08	2.66	2.71	.00	131.89	942.00
21229.000	2943.00	590.73	.00	2.30	.00	280.16	782.00
21229.000	4752.00	593.87	3.14	2.48	.00	420.73	782.00
21229.000	5504.00	594.97	1.11	2.55	.00	460.94	782.00
21229.000	7741.00	597.65	2.88	2.77	.00	531.47	782.00
22132.000	2943.00	593.44	.00	2.71	.00	267.11	903.00
22132.000	4752.00	596.22	2.77	2.35	.00	409.77	903.00
22132.000	5504.00	597.21	1.00	2.24	.00	452.27	903.00
22132.000	7741.00	599.86	2.65	2.01	.00	565.04	903.00
22971.000	2943.00	595.64	.00	2.19	.00	140.38	839.00
22971.000	4752.00	598.26	2.65	2.07	.00	241.99	839.00
22971.000	5504.00	599.23	.94	2.01	.00	278.25	839.00
22971.000	7741.00	601.73	2.51	1.87	.00	368.59	839.00
* 23784.000	2415.00	596.99	.00	1.36	.00	522.85	813.00
* 23784.000	3942.00	599.74	2.74	1.45	.00	734.33	813.00
* 23784.000	4570.00	600.71	.98	1.49	.00	802.11	813.00
* 23784.000	6441.00	603.39	2.59	1.57	.00	973.53	813.00
* 24584.000	2415.00	597.51	.00	.52	.00	46.00	800.00
* 24584.000	3942.00	600.01	2.50	.27	.00	46.00	800.00
* 24584.000	4570.00	600.90	.69	.18	.00	46.00	800.00
* 24584.000	6441.00	603.71	2.81	.41	.00	1008.00	800.00
24657.000	2415.00	597.89	.00	.37	.00	46.00	73.00
24657.000	3942.00	600.61	2.73	.60	.00	46.00	73.00
24657.000	4570.00	601.68	1.07	.78	.00	46.00	73.00
* 24657.000	6441.00	605.94	4.25	2.23	.00	1101.82	73.00
* 24858.000	2415.00	598.76	.00	.88	.00	568.33	201.00
* 24858.000	3942.00	601.81	3.05	1.20	.00	874.94	201.00
* 24858.000	4570.00	603.00	1.19	1.32	.00	953.45	201.00
* 24858.000	6441.00	606.11	3.11	.16	.00	1104.57	201.00

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SECNO	Q	CMSEL	DIFWSP	DIFWSX	DIFRVS	TOPWID	XLCH
* 25730.000	2415.00	599.88	.00	1.12	.00	73.57	872.00
* 25730.000	3942.00	601.82	1.94	.00	.00	370.01	872.00
* 25730.000	4570.00	603.02	1.20	.02	.00	403.02	872.00
* 25730.000	6441.00	605.12	3.11	.02	.00	481.09	872.00
* 26717.000	1824.00	604.69	.00	4.81	.00	347.83	987.00
* 26717.000	3055.00	607.07	2.38	5.25	.00	420.80	987.00
* 26717.000	3554.00	607.74	.67	4.73	.00	441.70	987.00
* 26717.000	5049.00	609.86	2.11	3.73	.00	510.78	987.00
27117.000	1824.00	605.05	.00	.36	.00	334.37	400.00
27117.000	3055.00	607.46	2.41	.39	.00	408.73	400.00
27117.000	3554.00	608.17	.70	.42	.00	430.33	400.00
27117.000	5049.00	610.30	2.13	.44	.00	498.19	400.00
27172.000	1824.00	606.91	.00	1.86	.00	388.83	61.00
27178.000	3055.00	608.35	1.44	.88	.00	433.13	61.00
27178.000	3554.00	608.67	.33	.51	.00	443.19	61.00
27178.000	5049.00	610.36	1.69	.06	.00	497.27	61.00
27279.000	1824.00	606.98	.00	.07	.00	381.18	101.00
27279.000	3055.00	608.46	1.48	.11	.00	426.61	101.00
27279.000	3554.00	608.80	.35	.13	.00	437.29	101.00
27279.000	5049.00	610.50	1.70	.14	.00	490.69	101.00
* 28140.000	1824.00	607.64	.00	.66	.00	469.09	861.00
28140.000	3055.00	609.40	1.76	.95	.00	526.30	861.00
28140.000	3554.00	609.89	.49	1.09	.00	542.47	861.00
28140.000	5049.00	611.71	1.81	1.20	.00	580.10	861.00
* 29043.000	1824.00	609.63	.00	1.99	.00	293.37	903.00
* 29043.000	3055.00	611.48	1.85	2.08	.00	378.04	903.00
* 29043.000	3554.00	611.08	.60	2.19	.00	387.46	903.00
* 29043.000	5049.00	613.75	1.66	2.04	.00	413.46	903.00
* 29859.000	1624.00	613.30	.00	3.67	.00	579.66	816.00
* 29859.000	3055.00	614.93	1.62	3.45	.00	675.64	816.00
* 29859.000	3554.00	615.49	.56	3.40	.00	689.90	816.00
* 29859.000	5049.00	617.00	1.52	3.76	.00	720.64	816.00
30847.000	1824.00	615.09	.00	1.79	.00	59.83	988.00
30847.000	3055.00	616.89	1.80	1.97	.00	334.09	988.00
30847.000	3554.00	617.51	.62	2.02	.00	886.24	988.00
30847.000	5049.00	619.15	1.63	2.14	.00	971.41	988.00
* 31752.000	1824.00	617.06	.00	1.97	.00	376.56	905.00
* 31752.000	3055.00	618.83	1.77	1.94	.00	699.79	905.00
* 31752.000	3554.00	619.44	.61	1.93	.00	811.52	905.00
* 31752.000	5049.00	621.05	1.61	1.90	.00	935.34	905.00

SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPVID	XLCH
32739.000	1824.00	620.99	.00	3.93	.00	186.84	987.00
32739.000	3055.00	622.81	1.82	3.98	.00	430.02	987.00
32739.000	3554.00	623.40	.59	3.96	.00	508.72	987.00
32739.000	5049.00	624.86	1.46	3.82	.00	705.05	987.00
* 32576.000	1824.00	623.10	.00	2.11	.00	227.68	837.00
* 33576.000	3055.00	625.29	2.20	2.48	.00	309.93	837.00
* 33576.000	3554.00	626.02	.72	2.62	.00	319.49	837.00
* 33576.000	5049.00	627.83	1.82	2.97	.00	343.93	837.00
* 34423.000	1824.00	625.00	.00	1.90	.00	341.61	847.00
34423.000	3055.00	627.20	2.21	1.91	.00	421.75	847.00
34423.000	3554.00	627.95	.74	1.93	.00	448.67	847.00
34423.000	5049.00	629.65	1.90	2.02	.00	517.54	847.00
35103.000	1106.00	626.69	.00	1.69	.00	144.39	680.50
35103.000	1955.00	628.78	2.09	1.58	.00	394.06	680.50
35103.000	2288.00	629.49	.71	1.55	.00	411.34	680.50
35103.000	3296.00	631.35	1.86	1.50	.00	456.51	680.50
* 35503.000	1106.00	627.19	.00	.51	.00	44.60	400.00
* 35503.000	1955.00	629.26	2.06	.47	.00	44.60	400.00
* 35503.000	2288.00	629.94	.69	.45	.00	44.60	400.00
* 35503.000	3296.00	631.72	1.78	.37	.00	44.60	400.00
35504.000	1106.00	627.20	.00	.00	.00	44.54	1.00
35504.000	1955.00	629.26	2.06	.00	.00	44.55	1.00
35504.000	2288.00	629.94	.69	.00	.00	44.55	1.00
35504.000	3296.00	631.72	1.78	.00	.00	44.57	1.00
35537.000	1106.00	627.27	.00	.08	.00	44.54	33.00
35537.000	1955.00	629.36	2.09	.10	.00	44.55	33.00
35537.000	2288.00	630.06	.70	.11	.00	44.56	33.00
35537.000	3296.00	631.87	1.81	.15	.00	44.57	33.00
35538.000	1106.00	627.28	.00	.00	.00	44.60	1.00
35538.000	1955.00	629.37	2.09	.01	.00	44.60	1.00
35538.000	2288.00	630.07	.70	.01	.00	44.60	1.00
35538.000	3296.00	631.88	1.81	.01	.00	44.60	1.00
* 35638.000	1106.00	627.62	.00	.34	.00	94.71	100.00
* 35638.000	1955.00	629.89	2.28	.53	.00	323.61	100.00
* 35638.000	2288.00	630.67	.77	.60	.00	398.04	100.00
* 35638.000	3296.00	632.72	2.06	.85	.00	448.02	100.00

Floodway Output

# Adams Creek HEC-2 Output Floodway

Study Contractor : Hayes, Seay, Mattern & Mattern  
Contract Number : EMW-90-C-3101  
HSMM Number : 2373



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*****
* HEC-2 WATER SURFACE PROFILES *
*
* Version 4.6.2; May 1991 *
*
* RUN DATE 05OCT91 TIME 17:57:50 *
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*****
* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET, SUITE D *
* DAVIS, CALIFORNIA 95616-4687 *
* (916) 756-1104 *
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HAYES, SEAY, MATTERN & MATTER, INC.  
ROANOKE, VIRGINIA - GREENSBORO, NORTH CAROLINA  
COMMISSION NUMBER: 2373  
INPUT FILE NAME: AC\_FW.HEC  
OUTPUT FILE NAME: AC\_FW.OUT

THIS RUN EXECUTED 05OCT91 17:57:50

\*\*\*\*\*  
HEC-2 WATER SURFACE PROFILESVersion 4.6.2; May 1991  
\*\*\*\*\*

T1	Hayes, Seay, Mattern & Mattern	Cabarrus County, NC FIS
T2	Proj. No. EMW-90-C-3101 Eng:LJM/EKL ET:TFH	Comm. No. 2373
T3	Adams Creek (ADAMS.IN) Date: 10/05/91	100-Year Event

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		4.0			0.0028				515.0	

J2	NPROF	IPLLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHKIM	ITRACE
1.		-1.0								

## J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110. 200.

## J5 LPRNT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10.

NC	0.16	0.18	0.05	0.1	0.3					
NH	7.	1.	4886.	0.27	4913.	0.15	4950.	0.056	5035.	0.14
NH	5043.	0.26	5059.	1.	5295.	0.	0.	0.	0.	0.
QT	8.	4539.	7198.	8373.	11895.	8373.	2047.	3437.	5947.	
ET	0.00	0.00	0.00	0.00	0.00	10.41	0.00	0.00	0.00	0.00

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*****
=====
HEC-2 Input file created with CodeH2
Version: 3.79
CodeH2 Copyrighted 1985 - 1991
Run Date: Saturday October 5, 1991
Run Time: 17:57:33
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The Following Options Have Been Activated :

1. FLOODWAY Option.
2. HEC1 Option.
3. SUMMARY\_150 Option.

050CT91 17:57:50

Cross Section 0.5  
Cross Section A (HSMH Draft)

X1	625.	22.	4950.	5035.	625.	625.	525.	0.	4560.
GR	530.	3890.	525.	3930.	520.	4470.	515.	510.	4980.
GR	510.	4665.	510.	4886.	4913.	4913.	510.	505.	5020.
GR	498.35	4991.	497.55	4999.99	5000.	498.35	5010.	520.	5245.
GR	510.	5035.	510.24	5043.	5059.	515.	5205.	0.	0.
GR	525.	5265.	530.	5795.	0.	0.	0.	0.	0.
RH	7.	1.	4886.	0.27	4913.	0.15	4966.	5027.	0.14
NH	5050.	0.26	5059.	1.	5100.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4850.00	0.00	0.00

Cross Section 1.0  
Cross Section B (HSMH Draft)

X1	1060.	28.	4966.	5027.	435.	435.	435.	0.	4229.
GR	540.	3926.	535.	4039.	530.	4113.	525.	520.	4886.
GR	515.	4308.	510.	4376.	510.	4424.	510.	510.77	4977.
GR	510.81	4913.	516.9	4961.	510.	4966.	508.9	501.9	5027.
GR	500.6	4991.	499.8	5000.	500.6	5010.	504.2	510.7	5066.
GR	510.2	5034.	515.	5050.	520.	5057.	521.11	525.	0.
GR	530.	5076.	535.	5085.	540.	5100.	0.	0.	0.
NH	7.	1.	4867.	0.28	4896.	0.15	4966.	5027.	0.16
NH	5047.	0.28	5066.	1.	5123.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	10.41	0.00	0.00	0.00

Cross Section 1.5  
Cross Section C (HSMH Draft)

X1	1735.	23.	4966.	5027.	675.	675.	675.	0.	4104.
GR	540.	3863.	535.	3978.	530.	4014.	525.	520.	4970.
GR	515.	4220.	514.05	4867.	514.01	4896.	513.91	512.81	5020.
GR	505.81	4977.	504.51	4991.	503.71	5000.	504.51	508.11	5082.
GR	514.61	5027.	517.06	5047.	519.39	5066.	520.	525.	0.
GR	530.	5092.	535.	5105.	540.	5123.	0.	0.	0.
NH	7.	100.	4900.	0.29	4916.	0.17	4935.	5064.	0.18
NH	5090.	0.29	5180.	1.	5414.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4900.00	0.00	0.00

Cross Section 2.0  
Cross Section D (HSMH Draft)

X1	2546.	22.	4935.	5064.	811.	811.	811.	0.	4629.
GR	540.	4315.	535.	4389.	530.	4448.	525.	520.	4955.
GR	515.	4894.	514.96	4900.	514.84	4916.	514.7	512.8	5064.
GR	509.	4980.	508.4	5000.	509.	5024.	511.9	514.1	5298.
GR	515.24	5090.	519.21	5180.	520.	5198.	528.	530.	0.
GR	535.	5352.	540.	5414.	0.	0.	0.	0.	0.

NH	7.	1.	4907.	0.29	4927.	0.17	4969.	0.059	5027.	0.17
NH	5062.	0.29	5083.	1.	5303.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	0.00

Cross Section 2.5  
Cross Section E (HSMH Draft)

X1	2937.	24.	4958.	5027.	391.	391.	391.	4787.	0.	4830.
GR	550.	4525.	545.	4667.	540.	535.	530.	4927.	515.	4969.
GR	525.	4857.	520.	4878.	518.41	517.31	509.03	5024.	515.	5027.
GR	509.03	4980.	508.43	4999.99	5000.	5091.	525.	5139.	530.	5179.
GR	517.73	5062.	519.38	5083.	520.	525.	5303.	0.	0.	0.
GR	535.	5194.	540.	5224.	545.	550.	0.	0.	0.	0.
NH	7.	1.	4909.	0.3	4940.	0.18	4978.	0.059	5033.9	0.16
NH	5044.	0.28	5065.	1.	5108.	0.	0.	0.	0.	0.

Cross Section 3.0  
Cross Section F (HSMH Draft)

X1	3842.	27.	4978.	5033.9	905.	905.	905.	4575.	0.	4599.
GR	550.	4781.	545.	4430.	540.	540.	540.	4909.	525.	4913.
GR	540.	4629.	535.	4780.	530.	525.34	513.5	5015.	514.	4989.
GR	523.91	4940.	520.	4946.	520.1	4978.	511.6	5057.	528.64	5024.
GR	511.6	4990.	508.5	5000.	503.6	5006.	525.	0.	0.	5065.
GR	520.34	5033.9	520.4	5034.	521.8	5044.	0.	0.	0.	0.
GR	535.	5079.	545.	5108.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4921.	0.29	4942.	0.18	4978.	0.059	5034.	0.17
NH	5080.	0.29	5109.	1.	5886.	0.	0.	0.	0.	0.

Cross Section 3.2  
Cross Section G (HSMH Draft)

X1	4763.	27.	4978.	5034.	921.	921.	921.	4912.	0.	4921.
GR	550.	4721.	545.	4815.	540.	4872.	535.	4978.	520.21	4981.
GR	530.	4939.	529.12	4942.	525.	4956.	512.61	5006.	514.61	5015.
GR	516.51	4989.	514.61	4990.	511.51	5000.	524.51	5109.	525.	5142.
GR	517.01	5024.	523.41	5034.	524.09	5080.	545.	5525.	550.	5800.
GR	530.	5207.	535.	5384.	540.	5503.	0.	0.	0.	0.
GR	555.	5846.	560.	5886.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4882.	0.29	4921.	0.18	4957.	0.059	5036.	0.18
NH	5071.	0.29	5102.	1.	5614.	0.	0.	0.	0.	0.
X1	5734.7	34.	4957.	5036.	971.7	971.7	971.7	4560.	540.	4578.
GR	560.	4359.	555.	4496.	550.	4546.	545.	4921.	523.28	4957.
GR	535.	4631.	524.21	4882.	523.18	4906.	523.21	4982.	515.78	4987.
GR	573.28	4957.01	522.48	4968.	520.98	4979.	517.88	5009.	515.58	5012.5
GR	515.52	4929.	514.72	4993.	514.68	5002.	515.08	5036.	523.48	5046.9
GR	516.38	5017.	519.58	5021.	520.88	5025.	522.20	5173.	540.	5225.
GR	530.	5048.	530.92	5071.	532.16	5102.	535.	5614.	540.	0.
GR	545.	5282.	550.	5395.	555.	5506.	560.	0.	0.	0.

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MC	6.	0.29	4921.	0.3	0.5	0.059	5047.	0.18	5071.	0.29
NH	1.	5708.	5047.	0.	0.	0.	0.	0.	0.	0.
NH	1.	4957.		5047.	300.05	300.05	300.05	0.	0.	0.
A.	560.				558.56	4399.	527.96	527.96	529.96	4498.
GR	550.1	4545.			545	4560.	4479.	4479.	535.	4630.99
GR	4631.					4682.	4576.	4576.	535.	4906.
GR	524.19	4921.	531.41	4555.99	524.26	4957.01	524.16	4905.99	524.16	4956.99
GR	524.26	4957.	524.26	4957.01	524.26	4957.01	524.25	4957.11	523.46	4968.
GR	521.96	4979.	518.66	4982.	516.97	4986.49	516.97	4986.5	516.76	4987.
GR	516.7	4987.49	516.69	4987.51	516.5	4989.	515.76	4993.	515.66	5000.
GR	516.06	5009.	517.27	5012.5	517.27	5016.49	517.27	5016.5	517.35	5016.99
GR	517.76	5017.49	517.77	5017.51	520.56	5021.	521.86	5025.	523.26	5036.
GR	524.46	5046.89	524.51	5046.9	524.96	5046.99	525.01	5047.	528.9	5047.98
GR	529.95	5047.99	530.	5048.	530.	5048.01	530.92	5071.	532.16	5102.
GR	532.32	5106.	535.	5173.	540.	5225.	541.05	5237.	545.	5282.
GR	546.42	5314.	545.91	5393.	550.	5395.	554.14	5487.	555.	5506.
GR	560.	5614.	560.	5618.	560.	5708.	0.	0.	0.	0.
SB	1.25	2.19	2.60	0.00	44.99	1.98	504.98	0.53	515.66	515.66
NH	6.	0.29	4921.	0.18	4956.99	0.059	5047.	0.18	5071.	0.29
NH	1.	5708.	5708.	0.	0.	0.	0.	0.	0.	0.

SR 1006

X1	60b6.2	68.	4957.	5047.	51.5	31.5	31.5	0.00	0.00	0.00
X2	9.00	0.00	1.00	526.06	527.96	0.00	0.00	0.00	0.00	0.00
X3	10.									
BT	-58.	4307.	560.02	560.	4359.	560.02	560.	527.96	530.01	558.56
BT		4479.	555.7	555.68	4498.	555.02	555.	4545.	558.58	550.1
BT		4546.	550.02	550.	4560.	545.02	545.	4576.	550.12	540.
BT		4630.99	540.	535.	4631.	540.	535.	4722.	543.2	540.
BT		4882.	528.88	525.11	4905.99	527.96	524.16	4906.	535.	531.41
BT		4921.	527.99	524.19	4955.99	528.06	524.26	4956.	527.96	524.16
BT		4956.01	530.76	524.26	4956.99	530.76	524.26	4957.	530.76	524.26
BT		4957.01	530.76	524.26	4957.02	530.76	526.06	4957.11	530.76	526.06
BT		4968.	530.75	526.05	4979.	530.74	526.04	4982.	530.73	526.03
BT		4986.49	530.73	526.03	4986.5	530.73	516.97	4987.	530.73	516.76
BT		4987.49	530.73	516.7	4987.51	530.73	526.03	4989.	530.72	526.02
BT		4993.	530.72	526.02	5000.	530.71	526.01	5009.	530.7	526.
BT		5012.5	530.7	526.	5016.49	530.69	526.01	5016.5	530.69	517.27
BT		5016.99	530.69	517.36	5017.49	530.69	517.76	5017.51	530.69	525.99
BT		5021.	530.69	525.99	5025.	530.68	525.98	5036.	530.67	525.97
BT		5046.29	530.66	525.96	5046.9	530.66	525.96	5046.99	530.66	525.96
BT		5047.	530.66	525.01	5047.98	530.66	529.9	5047.99	530.66	529.95
BT		5048.	530.66	530.	5048.01	530.66	530.94	5047.99	530.66	530.92
BT		5102.	532.18	532.16	5106.	530.02	530.32	5071.	530.94	530.92
BT		5225.	540.02	540.	5237.	532.34	541.05	5173.	535.02	535.
BT		5314.	546.44	546.42	5393.	541.07	549.91	5282.	545.02	545.
BT		5487.	554.16	554.14	5506.	549.93	555.02	5395.	550.02	550.
BT		5618.	560.02	560.	5708.	555.02	5614.	5614.	560.02	560.
GR	560.	4307.	560.	4359.	558.56	4399.	4479.	0.	0.	4498.

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GR	550.1	4545.	550.	4546.	545.	4560.	540.	4576.	535.	4630.99
GR	535.	4631.	531.41	4722.	525.11	4882.	524.16	4905.99	524.16	4905.
GR	524.19	4921.	524.26	4955.99	524.26	4956.	524.26	4956.01	524.26	4956.99
GR	524.26	4957.	524.26	4957.01	526.06	4957.02	524.25	4957.11	523.46	4968.
GR	521.96	4979.	518.86	4992.	516.97	4986.49	516.97	4986.5	516.76	4987.
GR	516.7	4987.49	516.69	4987.51	516.5	4989.	515.76	4993.	515.66	5000.
GR	516.06	5009.	516.56	5012.5	517.27	5016.49	517.27	5016.5	517.36	5016.99
GR	517.76	5017.49	517.77	5017.51	520.56	5021.	521.86	5025.	523.26	5036.
GR	524.46	5046.89	524.51	5046.9	525.96	5046.99	525.01	5047.	529.9	5047.98
GR	529.95	5047.99	530.	5048.	530.	5048.01	530.92	5071.	532.15	5102.
GR	532.32	5106.	535.	5173.	540.	5225.	541.05	5237.	545.	5282.
GR	546.42	5314.	549.91	5393.	550.	5395.	554.14	5487.	555.	5506.
GR	560.	5614.	560.	5618.	560.	5708.	0.	0.	0.	0.
NH	6.	0.29	4921.	0.18	4956.99	0.059	5036.	0.18	5071.	0.29
NH	5102.	1.	5708.	0.	0.	0.	0.	0.	0.	0.
X1	6167.2	68.	4957.	5036.	101.	101.	101.	0.	0.	0.
GR	560.42	4307.	560.42	4359.	558.98	4389.	556.1	4479.	555.42	4498.
GR	550.52	4545.	550.42	4546.	545.42	4560.	540.42	4576.	535.42	4630.99
GR	535.42	4631.	531.83	4722.	525.53	4882.	524.58	4905.99	524.58	4906.
GR	524.61	4921.	524.68	4955.99	524.68	4956.	524.68	4956.01	524.68	4956.99
GR	524.68	4957.	524.68	4957.01	524.68	4957.02	524.67	4957.11	523.88	4968.
GR	522.38	4979.	519.28	4982.	517.39	4986.49	517.39	4986.5	517.18	4987.
GR	517.12	4997.49	517.11	4987.51	516.92	4989.	516.18	4993.	516.08	5000.
GR	516.48	5009.	516.98	5012.5	517.69	5016.49	517.69	5016.5	517.78	5016.99
GR	518.18	5017.49	518.19	5017.51	520.98	5021.	522.28	5025.	523.68	5036.
GR	524.88	5046.89	524.93	5046.9	525.38	5046.99	525.43	5047.	530.32	5047.98
GR	530.37	5047.99	530.42	5048.	530.42	5048.01	531.34	5071.	532.58	5102.
GR	532.74	5106.	535.42	5173.	540.42	5225.	541.47	5237.	545.42	5282.
GR	546.84	5314.	550.33	5393.	550.42	5395.	554.56	5487.	555.42	5506.
GR	560.42	5614.	560.42	5618.	560.42	5708.	0.	0.	0.	0.
NC										
NH	7.	1.	4890.	0.1	0.3	0.18	4957.	0.059	5016.	0.18
NH	5073.	0.29	5100.	1.	4924.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	5249.	4.41	0.00	0.00	0.00	0.00
Cross Section 3.8										
Cross Section H (HSMH Draft)										
X1	7133.	23.	4957.	5018.	965.75	965.75	965.75	4812.	0.	4871.
GR	565.	4584.	560.	4647.	555.	4715.	550.	4924.	545.	4957.
GR	540.87	4890.	540.	4894.	535.	4917.	534.13	4924.	530.	4957.
GR	525.	4974.	520.95	4983.	520.15	4999.99	520.15	5000.	520.95	5012.
GR	527.45	5018.	530.	5033.	532.92	5073.	535.	5098.	535.17	5100.
GR	540.	5156.	550.	5190.	560.	5249.	0.	0.	0.	0.
NH	7.	1.	4857.	0.28	4906.	0.17	4973.	0.058	5018.	0.17
NH	5071.	0.29	5099.	1.	5225.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00

Cross Section 3.9  
Cross Section I (HSMH Draft)

XI	7843.	24.	4973.	5018.	710.	710.	710.	0.	4572.
GR	565.	4268.	560.	4307.	555.	550.	4413.	545.	4934.
GR	540.	4735.	535.61	4857.	535.	523.33	4906.	530.	5012.
GR	529.63	4973.	523.93	4983.	523.13	4999.99	5000.	523.93	5099.
GR	530.43	5018.	530.	5048.	535.	540.	5071.	544.57	0.
CR	550.	5118.	555.	5148.	550.	5174.	5225.	0.	0.
NH	7.	1.	4900.	0.28	4927.	0.17	0.058	5029.	0.17
NH	5069.	0.28	5098.	1.	5717.	0.	0.	0.	0.

Cross Section 4.3  
Cross Section J (HSMH Draft)

XI	8624.	22.	4973.	5029.	761.	781.	4900.	0.	4908.
GR	565.	4786.	560.	4807.	550.	541.36	4900.	540.	4999.99
GR	538.58	4927.	535.15	4973.	535.	527.22	4975.	526.42	5069.
GR	526.42	5000.	527.22	5012.	533.72	5018.	5029.	536.3	5436.
GR	537.24	5029.	540.	5183.	545.	550.	5382.	555.	0.
GR	560.	5506.	565.	5717.	0.	0.	0.	0.	0.
NH	7.	1.	4911.	0.28	4942.	0.17	0.058	5046.	0.17
NH	5051.	0.28	5079.	1.	5152.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	5046.00	0.00	0.00

Cross Section 4.6  
Cross Section K (HSMH Draft)

XI	9519.	25.	4957.	5046.	895.	895.	4286.	0.	4499.
GR	565.	4041.	560.	4118.	555.	550.	4911.	545.	4942.
GR	545.	4790.	547.5	4845.	545.	544.42	4911.	541.44	5000.
GR	540.	4957.	535.	4976.	532.28	4981.25	4999.99	530.18	5071.
GR	532.29	5017.5	535.	5025.	540.	5046.	5051.	545.	5152.
GR	547.35	5079.	550.	5088.	555.	5103.	5125.	565.	0.
NH	7.	1.	4902.	0.29	4936.	0.18	0.058	5023.	0.17
NH	5064.	0.28	5094.	1.	5338.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00

Cross Section 5.0  
Cross Section L (HSMH Draft)

XI	10355.	25.	4901.	5023.	836.	836.	4588.	0.	4836.
GR	570.	4096.	570.	4195.	565.	560.	4936.	555.	4971.
GR	550.	4873.	547.8	4902.	545.	545.	5014.	545.1	5023.
GR	545.4	4981.	535.8	4985.	5000.	535.8	5094.	545.3	5116.
GR	545.2	5033.	545.48	5084.	545.	546.45	5280.	550.	5338.
GR	555.	5145.	560.	5166.	565.	570.	575.	575.	0.

1. 4928. 0.28 4957. 0.17 4977.2 0.058 5041. 0.17  
 J51. 0.28 5074. 1. 5352. 0. 0. 0. 0.

Cross Section 5.2  
 Cross Section M (HSMH Draft)

X1 11262. 23. 4977.2 5041. 907. 907. 907. 4833. 4920.  
 GR 575. 4802. 570. 4832. 4802. 4868. 560. 555. 555.  
 GR 552.78 4928. 550. 4938. 548.95 4957. 4977.2 4982.  
 GR 536.13 4999.99 536.13 5000. 538.23 5016.8 540. 5041.  
 GR 545.69 5051. 547.29 5074. 550. 5113. 555. 5149. 5195.  
 GR 565. 5261. 570. 5316. 575. 5352. 0. 0. 0.  
 NH 7. 1. 4918. 0.27 4944. 0.15 4981. 0.059 5023. 0.17  
 NH 5052. 0.27 5075. 1. 5146. 0. 0. 0. 0.

Cross Section 5.4  
 Cross Section N (HSMH Draft)

X1 11918. 21. 4981. 5023. 656. 656. 656. 4618. 4646.  
 GR 575. 4518. 570. 4566. 565. 4588. 560. 555. 555.  
 GR 550. 4759. 549.71 4918. 4944. 4944. 549.59 4981. 4985.  
 GR 537.89 4959.99 537.89 5000. 539.99 5014. 549.49 5023. 5052.  
 GR 555. 5089. 557.5 5075. 560. 5081. 565. 5098. 5124.  
 GR 575. 5146. 0. 0. 0. 0. 0. 0. 0.  
 NH 7. 1. 4934. 0.26 4953. 0.13 4961. 0.059 5020. 0.17  
 NH 5058. 0.26 5077. 1. 5126. 0. 5126. 0. 0.  
 QT 8. 4232. 6702. 7767. 10939. 7767. 1903. 3200. 5560.  
 X1 12237. 38. 4961. 5020. 319.6 319.6 319.6 0. 0.  
 GR 574.19 4463. 571.2 4542. 569.38 4587. 564.73 4702. 4839.  
 GR 554.19 4886. 547.65 4931.99 547.65 4932. 547.34 4934. 444.42 4953.  
 GR 543.19 4981. 539.92 4981.99 539.92 4982. 539.91 4982.01 4984.99  
 GR 539.4 4985. 539.36 4985.01 539. 4985.09 4985.1 539.05 4992.  
 GR 538.75 5000. 538.85 5010. 539.45 5011. 541.95 5019.9 5019.9  
 GR 543.15 5019.98 543.15 5019.99 543.15 5020. 543.34 5022.01 5022.01  
 GR 543.34 5022.02 546.71 5058. 548.48 5077. 548.95 548.95 5082.  
 GR 554.19 5094. 563.88 5125. 564.19 5126. 0. 0. 0.

NC 7. 1. 4934. 0.3 0.5 4985. 0.13 4985. 0.059 5020. 0.17  
 NH 5058. 0.26 5077. 1. 5126. 0. 5126. 0. 0.  
 NH 544. 0.00 0.00 0.00 0.00 7.11 4947.00 5062.00 0.00  
 ET 0.00 0.00 0.00 5020. 300. 300. 300. 550.46 550.36  
 X1 12537. 38. 4985. 5020. 300. 300. 300. 4702. 560.  
 X3 10. 4468. 572.01 4542. 570.19 4587. 565.54 4839. 4839.  
 GR 575. 4886. 548.46 4931.99 548.46 4932. 548.15 4934. 545.23 4953.  
 GR 544. 4961. 540.73 4981.99 540.73 4982. 540.72 4982.01 540.26 4984.99  
 GR 540.21 4985. 540.17 4985.01 539.81 4985.09 539.76 4985.1 539.86 4992.  
 GR 539.56 5000. 533.66 5010. 5011. 5011. 542.76 5015. 5019.9  
 GR 543.96 5019.98 543.96 5019.99 543.96 5020. 544.15 5022. 5022.01  
 GR 544.15 5022.02 547.52 5058. 549.29 5077. 549.76 549.76 5082.  
 GR 555. 5094. 564.69 5125. 565. 5126. 0. 0. 0.



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SB	1.25	1.64	2.60	0.00	28.00	0.00	271.50	0.37	539.56	539.56
NH	7.	1.	4934.	0.26	4953.	0.13	4985.	0.059	0.17	0.17
NH	5058.	0.26	5077.	1.	5126.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4947.00	5062.00	0.00	0.00
SR 2637										
X1	12559.	38.	4985.	5020.	21.8	21.2	21.8	0.00	0.00	0.00
X2	0.00	0.00	1.00	548.25	550.36	0.00	0.00	0.00	550.46	550.46
X3	10.	-38.								
BT	4468.	4702.	575.02	575.54	4542.	572.03	572.01	550.46	550.36	570.21
BT	4931.99	4933.	550.96	548.46	4932.	560.02	560.	4886.	570.21	570.19
BT	4953.	4953.	550.75	548.46	4932.	550.96	548.46	4934.	555.02	555.
BT	4985.	4985.	553.36	540.73	4961.	553.57	544.	4981.99	550.94	548.15
BT	4985.1	4985.1	553.35	540.21	4982.01	553.36	540.72	4984.99	550.46	540.73
BT	5010.	5010.	553.35	548.25	4992.	553.35	548.25	4985.09	553.35	540.26
BT	5019.9	5019.9	553.29	548.19	5011.	553.29	548.19	5000.	553.32	548.22
BT	5020.	5020.	553.27	548.17	5019.98	553.27	548.17	5015.	553.28	548.18
BT	5022.02	5022.02	553.27	543.96	5022.	553.26	544.15	5019.99	553.27	546.07
BT	5081.99	5081.99	551.66	544.15	5088.	551.66	544.15	5022.01	553.26	544.15
BT	5125.	5125.	564.71	549.76	5082.	551.66	547.52	5077.	551.55	549.29
GR	575.	4468.	572.01	564.69	5126.	565.92	565.	5094.	555.02	555.
GR	555.	4886.	548.46	4931.99	570.19	4587.	565.54	4702.	560.	4839.
GR	544.	4961.	540.73	4981.99	548.46	4932.	548.15	4934.	545.23	4953.
GR	540.21	4985.	548.25	4985.01	539.81	4982.	540.72	4982.01	540.26	4984.99
GR	539.56	5088.	539.66	5019.99	5010.	4985.09	539.76	4985.1	539.86	4992.
GR	548.17	5019.98	543.96	5019.99	543.96	5011.	542.76	5015.	543.94	5019.9
GR	544.15	5022.02	547.52	5058.	549.29	5020.	544.15	5022.	544.15	5022.01
GR	555.	5094.	564.69	5125.	565.	5077.	549.76	5081.99	549.76	5082.
NH	7.	1.	4934.	0.26	4953.	0.13	4961.	0.059	5020.	0.17
NH	5058.	0.26	5077.	1.	5126.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4947.00	5062.00	0.00	0.00
X1	12635.	38.	4961.	5020.	76.	76.	76.	0.	0.	0.
GR	575.67	4468.	572.66	4542.	570.86	4587.	566.21	4702.	560.67	4839.
GR	555.67	4886.	549.13	4931.99	549.13	4932.	548.82	4934.	545.9	4953.
GR	544.67	4961.	541.4	4981.99	541.4	4982.	541.39	4982.01	540.93	4984.99
GR	540.89	4985.	540.64	4985.01	540.48	4985.09	540.43	4985.1	540.53	4992.
GR	540.23	5000.	540.32	5010.	540.93	5011.	543.43	5015.	544.61	5019.9
GR	544.62	5019.98	544.63	5019.99	544.63	5020.	544.82	5022.	544.82	5022.01
GR	544.82	5022.02	548.19	5058.	549.96	5077.	550.43	5081.99	550.43	5082.
GR	555.67	5094.	565.36	5125.	565.67	5126.	0.	0.	0.	0.
NC										
NH	7.	1.	4950.	0.3	4981.	0.18	4981.	0.059	5040.	0.18
NH	5068.	0.29	5102.	1.	5902.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00



NH	7.	1.	4908.	0.3	4934.	0.18	4978.	0.058	5026.	0.18
NH	5055.	0.3	5089.	1.	5579.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	0.00

Cross Section 7.0  
Cross Section S (HSMH Draft)

X1	16367.	26.	4978.	5026.	514.	514.	514.	0.	0.	0.
GR	600.	4772.	590.	4847.	4902.	4908.	4908.	0.	576.1	4934.
GR	575.	4943.	570.3	4968.	4973.	4978.	4978.	570.	563.5	4967.
GR	562.	4999.99	562.	5000.	5015.	5026.	5026.	570.	570.	5028.
GR	571.1	5036.	575.	5039.	5055.	5065.	5065.	584.8	584.8	5089.
GR	585.	5090.	590.	5110.	5158.	5359.	5359.	605.	605.	5519.
GR	610.	5579.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	1.	4900.	0.3	4927.	0.18	4948.	0.058	5033.	0.18
NH	5077.	0.3	5109.	1.	5926.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4945.00	5050.00	0.00	0.00

Cross Section 7.4  
Cross Section T (HSMH Draft)

X1	17297.	24.	4948.	5033.	930.	930.	930.	0.	0.	0.
GR	610.	4442.	600.	4506.	4560.	4670.	4670.	580.	580.	4821.
GR	576.89	4900.	575.83	4927.	4948.	4978.	4978.	565.79	565.79	4987.
GR	564.29	4999.99	564.29	5000.	5015.	5026.	5026.	575.	575.	5033.
GR	576.86	5077.	578.22	5109.	5151.	5279.	5279.	590.	590.	5469.
GP	595.	5606.	600.	5719.	5811.	5926.	5926.	0.	0.	0.

NH	7.	1.	4906.	0.3	4937.	0.18	4970.1	0.058	5020.6	0.18
NH	5094.	0.3	5135.	1.	5762.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4960.00	5040.00	0.00	0.00

Cross Section 7.7  
Cross Section U (HSMH Draft)

X1	17845.	24.	4970.1	5020.8	548.	548.	548.	0.	0.	0.
GR	610.	4706.	600.	4751.	4797.	4841.	4841.	565.	565.	4894.
GR	583.54	4906.	580.	4935.	4937.	4970.1	4970.1	575.	575.	4971.
GR	566.73	4988.3	565.63	4999.99	5000.	5007.8	5007.8	578.13	578.13	5020.8
GR	579.61	5094.	580.	5113.	5135.	5206.	5206.	590.	590.	5280.
GR	595.	5474.	600.	5587.	5659.	5762.	5762.	0.	0.	0.

NH	7.	1.	4894.	0.3	4928.	0.19	4977.	0.056	5016.	0.19
NH	5083.	0.31	5102.	1.	5365.	0.	0.	0.	0.	0.
QT	8.	2943.	4752.	5504.	7741.	2194.	1269.	3933.	3933.	0.
ET	0.00	0.00	0.00	0.00	0.00	9.41	0.00	0.00	0.00	0.00



Cross Section 8.0  
Cross Section V (HSMH Draft)

XI 18604	24	4977	5016	759	759	759	0	0	0	0
GR 615	4440	610	4539	605	497.6	600	4881	595	4804	0
GR 590	4833	585	4893	582.39	4894	582.39	4928	580	4960	580
GR 579	4867	579.2	4977	567.5	4991	567.5	5000	5006	5006	5006
GR 580	5015	579.1	5026	585	5057	590	5183	591.67	5102	5102
GR 595	5140	600	5192	610	5308	615	5365	0	0	0
NH 7	1	4925	0.3	4947	0.19	4976.99	0.056	5016	0.19	0.19
NH 5074	0.3	5102	1	5344	0	0	0	0	0	0

Cross Section 8.3  
Cross Section W (HSMH Draft)

XI 19505	24	4976.99	5016	901	901	901	0	0	0	0
GR 615	4739	610	4794	605	4850	600	4863	595	4901	4901
GR 591.84	4925	590	4939	586.67	4947	585	4951	580	4976.99	4976.99
GR 580	4977	572	4991	570.9	4999.99	570.9	5000	572	5006	5006
E2 583.4	5016	584.65	5074	585	5090	586.25	5102	590	5138	5138
GR 600	5231	605	5272	610	5291	615	5344	0	0	0
NH 7	1	4945	0.3	4961	0.18	4976	0.056	5017	0.19	0.19
NH 5056	0.3	5095	1	5340	0	0	0	0	0	0
ET 0.00	0.00	0.00	0.00	0.00	7.11	4970.00	5040.00	0.00	0.00	0.00

Cross Section 8.6  
Cross Section X (HSMH Draft)

XI 20447	23	4976	5017	942	942	942	0	0	0	0
GR 615	4983	610	4890	605	4968	600	4926	595	4945	4945
GR 590.58	4861	590	4963	585	4975	582.95	4976	575.95	4986	4986
GR 575.35	4996	574.45	4999.99	574.45	5000	575.95	5008	582.85	5017	5017
GR 585	5028	580	5056	595	5076	597.57	5095	600	5113	5113
GR 505	5173	619	5270	615	5340	0	0	0	0	0
NH 7	1	4906	0.29	4935	0.18	4976	0.056	5017	0.19	0.19
NH 5053	0.3	5081	1	5374	0	0	0	0	0	0
ET 0.00	0.00	0.00	0.00	0.00	10.41	0.00	0.00	0.00	0.00	0.00

Cross Section 9.0  
Cross Section Y (HSMH Draft)

XI 21229	30	4976	5017	782	782	782	0	0	0	0
GR 615	4241	610	4453	605	4619	600	4697	595	4738	4738
GR 590	4793	590	4863	590.8	4905	591	4917	590.58	4935	4935
GR 576.3	4950	585.3	4966	585.9	4976	585	4984	578.9	4985	4985
GR 535	4996	577.4	4999.99	577.4	5000	576.9	5008	585.8	5017	5017
GR 595	5024	584.8	5072	587.74	5053	590	5073	590.31	5081	5081
GR 595	5200	600	5281	605	5304	610	5331	615	5374	5374

NH	7.	1.	4914.	0.29	4940.	0.19	4967.	0.056	5017.	0.19
NH	5070	0.29	5105.	1.	5880.	0.	0.	0.	0.	0.
ET	0.60	0.00	0.00	0.00	0.00	7.11	4967.00	5067.00	0.00	0.00

Cross Section 9.1  
Cross Section Z (HSM Draft)

X1	22132.	25.	4957.	5017.	903.	903.	903.	0.	0.	0.
GR	825.	4785.	820.	4815.	4871.	601.04	4914.	4914.	600.	4819.
GR	895.	4936.	4940.	4940.	4967.	585.	4979.	4979.	581.98	4986.
GR	581.38	4936.	580.48	4999.99	5000.	581.98	5008.	5008.	600.88	5017.
GR	590.	5033.	590.71	5070.	5105.	595.	5294.	5294.	600.	5490.
GR	605.	5585.	610.	5668.	5764.	620.	5820.	5820.	625.	5880.
NH	7.	1.	4918.	0.29	4941.	0.19	4971.2	0.056	5020.4	0.19
NH	5053	0.29	5084.	1.	5669.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4950.00	5100.00	0.00	0.00

Cross Section 9.2  
Cross Section AA (HSM Draft)

X1	22971.	24.	4971.2	5020.4	839.	839.	839.	0.	0.	0.
GR	225.	4491.	620.	4581.	615.	4693.	610.	4788.	605.	4843.
GR	500.	4893.	597.16	4518.	595.	4937.	594.63	4941.	591.84	4971.2
GR	584.64	4883.2	584.24	4995.2	583.34	4999.99	583.34	5000.	584.84	5009.6
GR	591.74	5020.4	595.	5053.	596.05	5084.	600.	5201.	605.	5325.
GR	610.	5435.	615.	5515.	620.	5583.	625.	5669.	0.	0.
NH	7.	1.	4022.	0.29	4867.	0.18	4937.	0.356	5062.	0.18
NH	5078.	0.29	5135.	1.	5783.	0.	0.	0.	0.	0.
QT	8.	2415.	3942.	4570.	6441.	4570.	1015.	1784.	3255.	1784.
ET	0.00	0.00	0.00	0.00	0.00	6.41	0.00	0.00	0.00	0.00
X1	23794.	31.	4937.	5062.	813.	813.	813.	0.	0.	0.
GR	835.	4242.	830.	4273.	825.	4308.	820.	4355.	815.	4405.
GR	810.	4471.	805.	4534.	800.	4650.	820.	4822.	815.	4862.
GR	594.3	4867.	594.02	4887.	594.72	4912.	593.92	4937.	594.12	4862.
GR	586.62	4869.	586.62	4905.	586.52	4992.	586.12	5000.	588.36	4962.
GR	595.12	5039.	599.72	5337.	592.02	5062.	592.35	5078.	593.56	5006.
GR	600.	5445.	605.	5620.	610.	5641.	615.	5667.	620.	5746.
GR	625.	5783.	0.	0.	0.	0.	0.	0.	0.	0.
NH	7.	1.	4022.	0.29	4867.	0.18	4937.	0.356	5062.	0.18
NH	5078.	0.29	5135.	1.	5783.	0.	0.	0.	0.	0.
QT	8.	2415.	3942.	4570.	6441.	4570.	1015.	1784.	3255.	1784.
ET	0.00	0.00	0.00	0.00	0.00	6.41	0.00	0.00	0.00	0.00
X1	23794.	31.	4937.	5062.	813.	813.	813.	0.	0.	0.
GR	835.	4242.	830.	4273.	825.	4308.	820.	4355.	815.	4405.
GR	810.	4471.	805.	4534.	800.	4650.	820.	4822.	815.	4862.
GR	594.3	4867.	594.02	4887.	594.72	4912.	593.92	4937.	594.12	4862.
GR	586.62	4869.	586.62	4905.	586.52	4992.	586.12	5000.	588.36	4962.
GR	595.12	5039.	599.72	5337.	592.02	5062.	592.35	5078.	593.56	5006.
GR	600.	5445.	605.	5620.	610.	5641.	615.	5667.	620.	5746.
GR	625.	5783.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	1.	4022.	0.29	4867.	0.18	4961.5	0.056	5007.5	0.18
NH	5078.	0.29	5135.	1.	5958.	0.	0.	0.	0.	0.
X1	24584.	68.	4961.5	5007.5	800.	800.	800.	603.1	603.1	603.1
GR	634.89	3995.	634.89	4067.	634.89	4240.	634.89	4242.	629.89	4273.
GR	624.89	4308.	619.89	4355.	614.21	4405.	614.21	4414.	609.89	4471.
GR	604.89	4534.	602.42	4611.	599.89	4690.	598.07	4763.	597.56	4822.
GR	596.35	4861.98	596.85	4851.99	596.85	4862.	596.85	4862.01	596.83	4857.
GR	596.75	4886.99	596.75	4887.	597.45	4911.99	597.45	4912.	596.65	4936.99
GR	593.65	4937.	591.2	4961.5	591.2	4961.51	591.09	4961.5	591.09	4962.
GR	589.35	4968.99	589.35	4969.	589.44	4976.49	589.44	4976.5	589.43	4977.5

GR	509.46	4977.51	589.55	4985.	589.25	4992.	589.23	4992.48
GR	589.23	4992.49	589.22	4992.51	588.85	4999.99	588.85	5000.
GR	500.25	5006.	591.05	5007.5	591.85	5008.99	591.85	5009.
GR	592.45	5036.99	592.45	5037.	594.75	5061.99	594.75	5062.
GR	594.75	5062.01	594.96	5136.	599.29	5400.	599.89	5445.
GR	603.52	5572.	604.89	5241.	614.89	5667.	619.89	5746.
GR	623.	5769.	624.89	5953.	0.	0.	0.	0.
SC	3.020	0.40	3.00	15.0	72.0	8.1	589.07	588.85
KK	7.	1.	4822.	0.18	4961.5	0.356	5007.5	0.18
HH	5078.	6.29	5136.	0.	0.	0.	0.	0.
			NC 49					
X1	24657.	68.	4961.5	73.	73.	0.00	0.00	0.00
X2	0.00	0.00	5007.5	0.00	0.00	0.00	0.00	0.00
X3	19.	0.	604.57	0.00	0.00	0.00	604.71	604.57
BT	-68.	3895.	4067.	635.02	635.	4240.	635.02	635.
BT		4242.	4273.	630.02	630.	4308.	625.02	625.
BT		4355.	621.7	620.26	615.	4414.	620.	614.32
BT		4471.	518.55	616.55	605.	4611.	615.	602.53
BT		4690.	612.83	610.	598.18	4822.	608.01	597.67
BT		4861.98	605.27	605.27	596.96	4862.	605.27	596.96
BT		4862.01	605.27	605.23	596.94	4886.99	605.05	596.86
BT		4887.	605.05	604.82	597.56	4912.	604.82	597.56
BT		4938.89	604.71	604.71	596.76	4961.5	604.83	589.07
BT		4961.51	604.83	604.83	601.07	4962.	604.83	601.07
BT		4968.39	604.81	604.81	601.07	4976.49	604.79	601.07
BT		4976.5	604.79	604.79	589.07	4977.51	604.78	601.07
BT		4979.99	604.78	604.78	601.07	4992.	604.74	601.07
BT		4982.46	604.74	604.74	589.07	4992.5	604.74	589.07
BT		4992.51	604.74	604.72	601.07	5000.	604.72	589.07
BT		5008.	604.7	604.69	601.07	5007.5	604.69	589.07
BT		5009.99	5009.	604.69	601.07	5036.99	604.58	592.56
BT		5037.	604.58	604.58	591.96	5061.99	604.57	594.86
BT		5062.	604.57	604.57	594.86	5061.99	604.57	594.86
BT		5136.	605.76	504.57	594.86	5078.	604.63	595.07
BT		5572.	605.76	610.	599.4	5445.	611.31	600.
BT		5667.	617.41	610.	605.	5641.	616.75	610.
BT		5789.	625.02	620.02	620.	5769.	623.13	623.11
BT		5895.	625.02	625.02	625.	0.	0.	0.
BT		6067.	4067.	4240.	635.	4242.	630.	4273.
GR	625.	4308.	615.	4405.	614.32	4414.	610.	4471.
GR	605.	4534.	600.	4690.	598.18	4793.	597.67	4822.
GR	596.86	4861.98	596.96	4862.	596.96	4862.01	596.94	4867.
GR	4896.86	4896.99	4897.56	4911.99	597.56	4912.	596.76	4936.99
GR	596.76	4937.	589.07	4961.51	589.07	4961.99	589.07	4962.
GR	589.07	4968.89	589.07	4978.49	589.07	4976.5	589.07	4977.5
GR	589.07	4977.51	589.07	4985.	589.07	4992.	589.07	4992.48
GR	589.07	4992.49	589.07	4992.51	589.07	4999.99	589.07	5000.
GR	589.07	5006.	589.07	5007.5	589.07	5008.99	591.96	5009.
GR	592.56	5036.99	592.56	5061.98	594.86	5061.99	594.86	5062.
GR	594.86	5062.01	595.85	5136.	599.4	5400.	609.	5445.
GR	603.63	5572.	605.	5641.	615.	5667.	620.	5746.
GR	623.11	5769.	625.	5958.	0.	0.	0.	0.

MH	7.	1.	4822.	0.29	4857.	0.18	4937.	0.056	5062.	0.18
MH	5073.	0.29	5136.	1.	5783.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00
X1	24858.	31.	4937.	5062.	201.	201.	0.	0.	0.	0.
GR	635.	4242.	630.	4273.	625.	4308.	620.	4355.	615.	4405.
GR	510.	4471.	605.	4534.	600.	4690.	598.06	4822.	597.47	4862.
GR	597.45	4857.	597.37	4887.	598.07	4912.	597.27	4937.	591.71	4862.
GR	589.97	4959.	590.17	4985.	583.87	4992.	589.47	5000.	590.87	5006.
GR	592.47	5009.	593.07	5037.	595.37	5062.	595.56	5078.	596.25	5136.
GR	600.	5445.	605.	5620.	610.	5641.	615.	5657.	620.	5746.
GR	625.	5783.	0.	0.	0.	0.	0.	0.	0.	0.

HC	7.	0.1	4909.	0.1	4931.	0.18	4983.	0.056	5017.	0.18
MH	5036.	0.29	5054.	1.	5089.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4825.00	5017.00	0.00	0.00

Cross Section 9.5  
Cross Section AB (HSMH Draft)

X1	25730.	26.	4963.	5017.	872.	872.	872.	4382.	0.	4404.
SR	635.	4163.	630.	4257.	620.	4326.	620.	4753.	615.	4909.
GR	610.	4463.	605.	4567.	600.	4704.	600.	4992.	600.	4999.99
GR	600.	4931.	600.	4934.	599.50	4983.	592.68	5017.	591.18	5024.
GR	591.18	5000.	592.08	5004.	592.66	5014.	600.	5054.	599.68	5075.
GR	610.	5025.	620.	5036.	625.	5043.	628.44	0.	635.	5075.
GR	640.	5089.	0.	0.	0.	0.	0.	0.	0.	0.

MH	7.	1.	4851.	0.29	4899.	0.18	4980.	0.056	5022.	0.18
MH	5069.9	0.27	5095.	1.	5882.	0.	0.	0.	0.	0.
QT	8.	1824.	3055.	3554.	5049.	3554.	723.	1323.	2512.	0.
ET	0.00	0.00	0.00	0.00	0.00	11.41	0.00	0.00	0.00	0.00
X1	26717.	65.	4980.	5022.	987.	987.	987.	0.	0.	0.
GR	634.12	4045.	634.12	4087.	629.12	4164.	627.82	4194.	624.12	4279.
GR	622.8	4312.	619.12	4404.	618.34	4433.	614.73	4569.	614.12	4591.
GR	609.12	4753.	604.62	4551.	604.12	4862.	602.55	4859.	601.23	4929.99
GR	601.23	4930.	598.13	4979.99	598.12	4980.	596.54	491.25	594.96	4982.5
GR	594.33	4983.	594.25	4983.75	594.13	4984.99	594.13	4985.	594.05	4983.25
GR	593.96	4987.5	593.80	4968.75	593.8	4990.	593.46	4995.	593.38	4996.25
GR	593.3	4997.5	593.21	4998.75	593.13	4999.99	593.13	5000.	593.22	5001.25
GR	593.32	5002.5	593.41	5003.75	593.51	5005.	593.66	5007.	593.75	5008.25
GR	593.84	5009.5	593.94	5010.75	594.03	5011.99	594.03	5012.	594.12	5013.25
GR	594.22	5014.5	594.31	5015.75	594.33	5016.	595.43	5017.	600.92	5021.99
GR	600.53	5022.	601.03	5069.99	601.03	5070.	601.66	5095.	604.12	5192.
GR	609.12	5237.	614.12	5257.	619.12	5277.	624.12	5317.	624.93	5363.
GR	628.93	5589.	629.78	5637.	631.39	5728.	632.83	5809.	634.12	5882.

HC	7.	0.3	4851.	0.3	4899.	0.18	4980.	0.056	5017.	0.18
MH	5069.9	0.27	5095.	1.	5882.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4825.00	5017.00	0.00	0.00

X1	25730.	26.	4963.	5017.	872.	872.	872.	4382.	0.	4404.
SR	635.	4163.	630.	4257.	620.	4326.	620.	4753.	615.	4909.
GR	610.	4463.	605.	4567.	600.	4704.	600.	4992.	600.	4999.99
GR	600.	4931.	600.	4934.	599.50	4983.	592.68	5017.	591.18	5024.
GR	591.18	5000.	592.08	5004.	592.66	5014.	600.	5054.	599.68	5075.
GR	610.	5025.	620.	5036.	625.	5043.	628.44	0.	635.	5075.
GR	640.	5089.	0.	0.	0.	0.	0.	0.	0.	0.

MH	7.	1.	4851.	0.3	4899.	0.18	4980.	0.056	5017.	0.18
MH	5069.9	0.27	5095.	1.	5882.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4825.00	5017.00	0.00	0.00





GR	594.77	5002.5	595.79	5003.75	599.1	5005.	599.9	5007.	596.59	5008.25
GR	595.57	5009.5	595.03	5010.75	594.9	5011.99	594.9	5012.	595.06	5013.25
GR	595.57	5014.5	596.59	5015.75	597.25	5016.	599.9	5017.	601.8	5021.99
GR	601.31	5022.	601.91	5069.99	601.91	5070.	602.54	5095.	605.	5192.
GR	610.	5237.	615.	5257.	621.	5277.	625.	5317.	625.81	5363.
GR	529.81	5589.	630.66	5637.	622.27	5728.	633.71	5809.	635.	5882.
NH	7.	1.	4851.	0.29	4899.	0.18	4980.	0.056	5022.	0.18
NH	5099.9	0.27	5095.	1.	5882.	0.	0.	0.	0.	0.
X1	27279.	05.	4980.	5022.	101.	101.	101.	0.	0.	0.
GR	624.	4045.	635.32	4987.	630.32	4164.	629.02	4194.	625.32	4279.
GR	610.32	4312.	620.32	4404.	619.54	4433.	615.93	4568.	615.32	4591.
GR	602.43	4930.	605.82	4851.	605.32	4862.	603.75	4899.	602.43	4929.99
GR	595.53	4983.	592.33	4979.99	590.32	4980.	597.74	4981.25	596.16	4982.5
GR	595.16	4987.5	595.45	4983.75	595.33	4984.99	595.33	4985.	595.25	4986.25
GR	594.5	4997.5	594.41	4988.75	595.	4990.	594.56	4995.	594.58	4996.25
GR	594.52	5002.5	594.61	4996.75	594.33	4999.99	594.33	4999.	594.42	5001.25
GR	595.04	5009.5	595.14	5003.75	594.71	5005.	594.85	5007.	594.95	5008.25
GR	595.42	5014.5	595.51	5010.75	595.23	5011.99	595.23	5012.	595.32	5013.25
GR	610.32	5022.	602.23	5015.75	602.23	5015.	596.63	5017.	602.12	5021.99
GR	610.32	5237.	615.32	5069.99	602.23	5070.	602.85	5095.	605.32	5192.
GR	630.13	5589.	630.98	5637.	620.32	5277.	625.32	5317.	626.13	5263.
GR					632.59	5728.	634.03	5809.	635.32	5882.

MC					0.3					
NH	7.	1.	4877.	0.1	4919.	0.17	4945.	0.056	5024.	0.17
NH	5077.	0.27	5112.	0.28	5623.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4924.00	5024.00	0.00	0.00

Cross Section 9.8  
Cross Section AC (HSMH Draft)

X1	29140.	30.	4946.	5024.	861.	861.	861.	861.	0.	4397.
GR	650.	3985.	645.	4100.	640.	4184.	635.	4298.	630.	4641.
GR	625.	4462.	620.	4502.	615.	4533.	610.	4569.	605.	4982.
GR	605.	4672.	605.	4877.	605.	4919.	605.	4946.	600.	5003.
GR	595.54	4930.4	597.14	4999.99	597.14	5000.	598.54	5006.	600.	5115.
GR	605.	5023.	605.05	5024.	607.93	5077.	609.84	5112.	610.	5623.
GR	615.	5179.	620.	5250.	625.	5290.	630.	5437.	635.	
NH	7.	1.	4877.	0.26	4906.	0.16	4984.	0.056	5020.	0.17
NH	5066.	0.25	5094.	1.	5249.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4920.00	5030.00	0.00	0.00

Cross Section 10.0  
Cross Section AD (HSMH Draft)

X1	29043.	26.	4984.	5020.	903.	903.	903.	903.	0.	4585.
GR	650.	3998.	645.	4277.	640.	4403.	635.	4461.	625.	4574.
GR	615.	4711.	610.	4766.	609.15	4877.	608.92	4906.	608.4	5005.
GR	608.7	4984.	601.5	4992.	600.1	4999.99	600.1	5000.	601.5	5030.
GR	605.9	5011.	605.9	5014.	607.5	5015.	608.4	5020.	607.6	5203.
GR	608.55	5066.	609.29	5094.	610.	5121.	620.	5167.	625.	5203.
GR	635.	5249.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7	1.	4903.	0.26	4929.	0.14	4979.2	0.056	5026.	0.16
NH	5074.	0.25	5101.	1.	5456.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	10.41	0.00	0.00	0.00	0.00

Cross Section 10.5  
Cross Section AE (HSMW Draft)

X1	29859.	28.	4979.2	5026.	816.	816.	815.	0.	0.	4468.
GE	650.	3821.	645.	4030.	640.	4173.	635.	630.	630.	4929.
GR	625.	4591.	620.	4623.	615.	4704.	611.13	4903.	610.62	5000.
GR	616.	4961.	610.92	4979.2	603.72	4989.6	602.32	4999.99	602.32	5026.
GR	603.72	5006.5	608.02	5014.3	608.12	5018.2	609.72	5019.5	610.62	5026.
GR	610.	5045.	610.	5074.	610.	5101.	610.	5347.	615.	5384.
GR	625.	5425.	630.	5436.	635.	5456.	0.	0.	0.	0.
NH	7	1.	4885.	0.25	4930.	0.11	4991.	0.056	5015.	0.15
NH	5082.	0.26	5093.	1.	5710.	0.	0.	0.	0.	0.

Cross Section 11.C  
Cross Section AF (HSMW Draft)

X1	30247.	30.	4591.	5015.	988.	988.	988.	0.	0.	4089.
GR	658.	2833.	645.	3125.	640.	3593.	635.	3913.	630.	4930.
GR	625.	4295.	620.	4542.	615.	4739.	611.62	4895.	610.87	4930.
GR	610.	4970.	609.1	4981.	609.	4991.	605.5	4997.	605.	4999.99
GR	602.	5000.	605.5	5004.	607.1	5005.	612.7	5015.	612.7	5020.
GR	610.	5023.	610.	5062.	610.	5093.	610.	5250.	610.	5277.
GR	615.	5494.	620.	5558.	625.	5599.	630.	5634.	635.	5710.
NH	7	1.	4882.	0.27	4913.	0.13	4989.	0.056	5030.9	0.16
NH	5065.	0.27	5087.	1.	5710.	0.	0.	0.	0.	0.

Cross Section 11.5  
Cross Section AG (HSMW Draft)

X1	31752.	27.	4989.	5030.9	905.	505.	905.	0.	0.	4485.
GR	650.	3161.	645.	3549.	640.	3724.	635.	3988.	630.	4989.
GR	625.	4533.	620.	4607.	616.77	4802.	616.41	4913.	615.52	4989.
GR	609.82	4995.	607.72	4999.9	607.27	4999.9	607.22	5000.	607.72	5008.
GR	610.	5016.	614.97	5030.9	615.	5031.	615.35	5065.	615.57	5087.
GR	620.	5521.	625.	5549.	630.	5584.	635.	5608.	640.	5638.
GR	645.	5652.	650.	5710.	0.	0.	0.	0.	0.	0.
NH	7	1.	4914.	0.28	4940.	0.15	4989.	0.058	5037.	0.17
NH	5071.	0.28	5089.	1.	5857.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4989.00	5100.00	0.00	0.00

Cross Section 11.8





BT	4929.99	638.09	4930.	632.83	4979.99	537.39	627.27
BT	4980.	639.89	4980.01	627.27	4981.5	639.88	627.1
BT	4981.51	633.88	4981.6	633.88	4993.	639.84	633.84
BT	4993.1	639.84	4998.	633.82	4999.99	639.81	633.81
BT	5002.5	639.8	5010.	633.76	5020.	639.72	633.72
BT	5026.	639.7	5026.09	633.7	5026.1	639.7	621.9
BT	5027.99	639.69	5028.	622.1	5028.01	637.19	622.1
BT	5060.	637.07	5079.99	627.59	5080.	636.99	627.59
BT	5093.	637.32	5199.	640.	5349.	643.38	630.
BT	5363.	643.69	5378.	640.	5421.	645.	643.07
BT	5448.	645.02	5486.	650.	0.	0.	0.
BT	4688.	645.05	645.	640.	0.	0.	0.
GR	4870.	645.05	4782.	640.	4819.	635.	4870.
GR	4897.	630.32	4900.	630.	4926.	632.89	4929.99
GR	4930.	627.27	4924.	627.27	4980.01	627.1	4981.5
GR	4981.51	627.09	4980.	621.99	4993.1	618.09	4998.
GR	4999.99	618.09	4993.	618.89	5020.	621.89	5026.
GR	5026.09	621.9	5010.	622.1	5028.	622.1	5028.01
GR	5060.	627.59	5027.99	627.71	5093.	628.66	5199.
GR	5349.	5363.	5378.	643.07	5421.	645.	5448.
GR	5486.	0.	0.	0.	0.	0.	0.
NH	7.	4897.	0.27	4991.5	0.058	5026.1	0.19
NH	5080.	5093.	1.	0.	0.	0.	0.
X1	35538.	41.	5026.1	1.	0.	0.	0.
X3	10.						
GR	650.	4828.	645.05	640.	637.39	636.99	4870.
GR	632.48	4887.	630.18	630.	4819.	635.	4929.99
GR	632.89	4930.	627.27	627.27	4926.	632.89	4981.5
GR	627.1	4991.51	625.69	621.99	4993.1	618.09	4998.
GR	617.59	4999.99	618.59	618.59	5020.	621.89	5026.
GR	621.9	5026.09	622.1	622.1	5028.	622.1	5028.01
GR	625.48	5060.	5027.99	627.71	5093.	628.66	5199.
GR	5349.	5349.	5378.	643.07	5421.	645.	5448.
GR	5486.	0.	0.	0.	0.	0.	0.
NH	6.	4887.	0.27	4993.	0.058	5080.	0.3
NH	5093.	5486.	0.	0.	0.	0.	0.
X1	35538.	41.	5080.	100.	0.	0.	0.
GR	650.47	4888.	645.52	640.47	4819.	635.47	4870.
GR	633.95	4887.	4900.	630.47	4926.	633.36	4929.99
GR	633.86	4930.	627.74	627.74	4980.01	627.57	4991.5
GR	627.57	4991.51	4979.99	622.46	4993.1	618.56	4998.
GR	618.16	4999.99	4981.6	619.16	5020.	622.36	5026.
GR	622.37	5026.09	625.16	622.57	5028.	622.57	5028.01
GR	625.95	5060.	619.06	628.18	5093.	629.13	5199.
GR	630.47	5349.	5079.99	643.54	5421.	645.47	5448.
GR	550.47	5486.	0.	0.	0.	0.	0.
MC			0.1	0.3			

T1 Hayes, Seay, Hatterm & Hatterm Cabarrus County, NC FIS  
 T2 Proj. No. EW-90-C-3101 Eng: LJM/EKL ET:TFH Comm. No. 2373  
 T3 Adams Creek (ADAMS.IN) Date: 10/05/91 100-Year Floodway

J1 ICHECK INQ MINV IDIR STRT METRIC HVINS Q WSEL FQ  
 6.0 515.78 CHNH ITRACE

J2 WPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW ITRACE

.15. -1.0

THIS RUN EXECUTED 05OCT91 17:58:02

\*\*\*\*\*  
HEC-2 WATER SURFACE PROFILESVersion 4.6.2; May 1991  
\*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

Adams Creek (ADAMS.IN)

## SUMMARY PRINTOUT TABLE 110

SECTNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
625.000	515.78	.78	516.44	724.33	1030.17	7114.05	228.78	.00	.00	4950.00	5035.00	.00
625.000	515.78	.00	516.77	106.79	218.44	8154.56	.00	.15	4928.21	4950.00	5035.00	5035.00
1060.000	516.96	.00	517.64	775.74	1706.80	6478.73	167.47	.00	.00	4966.00	5027.00	.00
1060.000	517.48	.52	518.41	177.00	1008.16	7364.84	.00	177.00	4850.00	4966.00	5027.00	5027.00
1735.000	519.06	.00	520.03	937.53	1636.34	6642.98	92.68	.00	.00	4966.00	5027.00	.00
1735.000	520.06	1.00	521.27	128.64	845.71	7527.29	.00	.16	4898.36	4966.00	5027.00	5027.00
* 2546.000	521.79	.00	522.20	624.48	264.07	7629.38	479.55	.00	.00	4935.00	5064.00	.00
* 2546.000	522.82	1.03	523.17	242.00	263.22	7657.10	452.68	242.00	4900.00	4935.00	5064.00	5142.00
* 2937.000	522.31	.00	523.56	245.02	678.88	7170.41	523.71	.00	.00	4969.00	5027.00	.00
* 2937.000	522.95	.64	524.43	94.19	364.22	7838.32	170.46	.10	4945.13	4969.00	5027.00	5039.31
3842.000	527.01	.00	528.32	171.78	654.50	7549.21	169.30	.00	.00	4978.00	5033.90	.00
3842.000	527.98	.97	529.43	70.02	200.52	8172.48	.00	.09	4963.88	4978.00	5033.90	5033.90
4763.000	531.17	.00	532.07	315.46	345.99	7047.06	979.95	.00	.00	4978.00	5034.00	.00
4763.000	532.19	1.03	533.18	107.73	8.09	7564.28	800.63	.09	4976.41	4978.00	5034.00	5084.14
* 5734.700	533.79	.00	534.23	483.56	1144.94	6956.62	271.44	.00	.00	4957.00	5036.00	.00
* 5734.700	534.70	.91	535.14	184.45	840.33	7232.35	330.32	.08	4899.41	4957.00	5036.00	5083.86
6034.700	534.33	.00	534.69	508.48	1501.86	6764.93	106.21	.00	.00	4957.00	5047.00	.00
6034.700	535.19	.85	535.52	175.21	1089.83	7283.17	.00	.09	4871.79	4957.00	5047.00	5047.00
6066.200	534.34	.00	534.69	508.91	1548.95	6714.54	109.51	.00	.00	4957.00	5047.00	.00
6066.200	535.35	1.01	535.73	175.21	1129.85	7243.15	.00	.09	4871.79	4957.00	5047.00	5047.00
6167.200	534.46	.00	534.88	493.91	1518.79	6583.18	271.05	.00	.00	4957.00	5036.00	.00
6167.200	535.49	1.02	535.93	188.56	1348.64	7624.36	.00	.09	4847.44	4957.00	5036.00	5036.00



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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
* 7133.000	536.41	.00	537.61	203.84	224.94	7480.35	667.71	.00	.00	4957.00	5018.00	.00
* 7133.000	537.43	1.02	536.62	95.33	4.96	7847.66	520.38	.06	4955.77	4957.00	5018.00	5051.11
7843.000	539.70	.00	540.48	338.95	1695.80	5708.76	968.44	.00	.00	4973.00	5018.00	.00
7843.000	540.39	.69	541.29	142.54	1479.96	6157.65	735.39	.10	4906.84	4973.00	5018.00	5049.38
8624.000	542.64	.00	543.75	360.10	590.09	6841.50	941.41	.00	.00	4973.00	5029.00	.00
8624.000	543.29	.65	544.67	105.69	184.87	7574.36	613.77	.12	4959.81	4973.00	5029.00	5065.50
9519.000	546.48	.00	547.30	592.98	266.83	8010.42	95.75	.00	.00	4957.00	5046.00	.00
9519.000	547.39	.91	548.19	94.00	35.47	8337.53	.00	94.00	4952.00	4957.00	5046.00	5046.00
* 10355.000	549.97	.00	552.07	242.36	670.95	7100.65	601.40	.00	.00	4981.00	5023.00	.00
* 10355.000	550.44	.48	553.09	87.27	301.24	7855.23	216.53	.12	4956.77	4981.00	5023.00	5044.04
* 11262.000	555.42	.00	556.18	234.99	346.93	7510.01	516.06	.00	.00	4977.20	5041.00	.00
* 11262.000	556.38	.97	557.24	78.67	12.98	8119.09	240.93	.09	4974.81	4977.20	5041.00	5053.49
11918.000	557.32	.00	558.26	441.56	1554.04	6262.91	556.05	.00	.00	4981.00	5023.00	.00
11918.000	558.20	.88	559.27	198.68	1400.74	6765.08	207.18	.10	4838.51	4981.00	5023.00	5037.19
* 12237.000	558.55	.00	558.94	262.89	591.55	6101.27	1074.17	.00	.00	4961.00	5020.00	.00
* 12237.000	559.51	.96	559.94	115.08	334.11	6432.54	950.36	.08	4946.79	4961.00	5020.00	5061.87
12537.000	558.91	.00	559.39	257.30	1027.92	4577.97	1261.11	.00	.00	4985.00	5020.00	.00
12537.000	559.84	.93	560.38	115.00	1731.60	4901.21	1134.19	115.00	4947.00	4985.00	5020.00	5062.00
12559.000	559.08	.00	559.39	259.34	2342.32	3928.91	1495.78	.00	.00	4985.00	5020.00	.00
12559.000	560.03	.95	560.42	115.00	2134.05	4275.68	1357.27	115.00	4947.00	4985.00	5020.00	5062.00
12635.000	559.14	.00	559.59	251.72	570.79	6152.34	1043.87	.00	.00	4361.00	5020.00	.00
* 12635.000	560.11	.97	560.59	115.00	328.26	6507.33	931.41	115.00	4947.00	4961.00	5020.00	5062.00
* 13489.000	560.52	.00	562.46	233.16	30.24	7151.51	585.24	.00	.00	4981.00	5040.00	.00
* 13489.000	561.35	.83	563.48	59.00	.00	7767.00	.00	.09	4981.00	4981.00	5040.00	5040.00
14396.000	568.06	.00	569.05	176.37	886.78	6659.09	221.13	.00	.00	4989.00	5064.00	.00
* 14396.000	569.11	1.05	569.97	134.00	970.20	6796.80	.00	134.00	4930.00	4989.00	5064.00	5064.00
15241.000	572.84	.00	574.13	164.11	51.37	7672.36	43.27	.00	.00	4962.00	5045.00	.00
15241.000	573.39	.55	574.59	83.00	.00	7767.00	.00	.02	4962.00	4962.00	5045.00	5045.00
15853.000	576.51	.00	578.33	144.26	149.00	7340.03	277.96	.00	.00	4977.99	5026.00	.00
15853.000	577.36	.85	579.28	48.01	.00	7767.00	.00	.07	4977.99	4977.99	5026.00	5026.00
16367.000	579.77	.00	580.95	159.90	634.83	6836.69	295.48	.00	.00	4978.00	5026.00	.00
* 16367.000	580.80	1.03	582.00	80.11	487.63	7191.31	88.06	.06	4951.59	4978.00	5026.00	5031.70
* 17297.000	582.96	.00	583.45	495.08	428.51	6779.93	558.56	.00	.00	4948.00	5033.00	.00
17297.000	583.80	.84	584.41	105.00	16.32	7584.09	166.59	105.00	4945.00	4948.00	5033.00	5050.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
* 17845.000	584.02	.00	585.09	285.91	445.15	6598.58	722.87	.00	.00	4970.10	5020.80	.00
* 17845.000	584.79	.76	586.16	80.00	142.36	7430.40	194.24	80.00	4960.00	4970.10	5020.80	5040.00
18604.000	587.02	.00	587.82	198.87	550.31	4637.31	316.38	.00	.00	4977.00	5016.00	.00
18604.000	588.04	1.02	588.98	71.00	342.37	5163.55	57.78	.11	4951.19	4977.00	5016.00	5022.86
19505.000	589.72	.00	590.54	195.47	316.41	4634.31	553.28	.00	.00	4976.99	5016.00	.00
19505.000	590.68	.96	591.65	79.83	17.04	5119.37	367.59	.12	4974.58	4976.99	5016.00	5054.41
20447.000	592.42	.00	593.38	111.39	85.96	5085.27	332.77	.00	.00	4976.00	5017.00	.00
20447.000	593.33	.91	594.24	70.00	42.09	5187.51	274.40	70.00	4970.00	4976.00	5017.00	5040.00
21229.000	594.97	.00	595.58	460.94	593.34	4183.45	727.20	.00	.00	4976.00	5017.00	.00
21229.000	595.55	.58	596.35	93.32	338.35	4696.89	468.76	.14	4949.07	4976.00	5017.00	5045.39
22132.000	597.21	.00	597.79	452.27	154.72	4503.91	845.36	.00	.00	4967.00	5017.00	.00
22132.000	598.18	.97	598.83	100.00	.00	4901.83	602.17	100.00	4967.00	4957.00	5017.00	5067.00
22971.000	599.23	.00	600.00	278.25	300.61	4850.92	352.47	.00	.00	4971.20	5020.40	.00
22971.000	600.21	.98	600.90	150.00	187.73	4903.95	412.32	150.00	4950.00	4971.20	5020.40	5100.00
* 23784.000	600.71	.00	600.81	802.11	366.24	3845.98	357.78	.00	.00	4937.00	5062.00	.00
* 23784.000	601.52	.80	601.62	219.78	213.25	4170.96	185.79	.09	4884.76	4937.00	5062.00	5104.54
* 24584.000	600.90	.00	602.09	46.00	.00	4570.00	.00	.00	.00	4961.50	5007.50	.00
* 24584.000	601.76	.86	602.79	46.00	.00	4570.00	.00	.00	4961.50	4961.50	5007.50	5007.50
24657.000	601.68	.00	602.64	46.00	.00	4570.00	.00	.00	.00	4961.50	5007.50	.00
24657.000	602.67	.99	603.50	46.00	.00	4570.00	.00	.00	4961.50	4961.50	5007.50	5007.50
* 24858.000	603.00	.00	603.11	953.45	351.84	3601.18	416.98	.00	.00	4937.00	5062.00	.00
* 24858.000	603.79	.79	603.92	191.08	104.07	4297.94	168.00	.13	4907.99	4937.00	5062.00	5099.07
* 25730.000	603.02	.00	604.89	403.02	675.63	3853.07	35.29	.00	.00	4983.00	5017.00	.00
* 25730.000	604.05	1.03	605.55	192.00	734.76	3835.24	.00	192.00	4825.00	4983.00	5017.00	5017.00
* 26717.000	607.74	.00	607.96	441.70	682.57	2497.73	373.70	.00	.00	4980.00	5022.00	.00
* 26717.000	608.30	.56	608.60	127.14	516.14	2816.16	221.71	.16	4927.45	4980.00	5022.00	5054.59
27117.000	608.17	.00	608.44	430.33	666.33	2480.90	406.69	.00	.00	4980.00	5017.00	.00
27117.000	608.77	.60	609.12	126.28	524.32	2779.42	250.26	.16	4925.52	4980.00	5017.00	5051.80
27178.000	608.67	.00	608.89	443.19	911.33	2087.03	555.65	.00	.00	4980.00	5017.00	.00
27178.000	609.63	.96	609.92	126.28	740.30	2460.16	353.54	.16	4925.52	4980.00	5017.00	5051.80
27279.000	608.80	.00	609.03	437.29	673.74	2512.33	367.93	.00	.00	4980.00	5022.00	.00
27279.000	609.79	.99	610.07	123.46	520.15	2819.85	214.00	.16	4929.42	4980.00	5022.00	5052.87
28140.000	609.89	.00	610.13	542.47	461.49	2946.52	145.99	.00	.00	4946.00	5024.00	.00
28140.000	610.89	.99	611.19	100.00	124.82	3429.18	.00	100.00	4924.00	4946.00	5024.00	5024.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOS	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
* 29043.000	612.08	.00	612.83	387.48	631.27	2468.69	454.04	.00	.00	4994.00	5020.00	.00
* 29043.000	613.00	.92	614.00	110.00	559.90	2914.63	79.48	110.00	4920.00	4984.00	5020.00	5030.00
* 29859.000	615.49	.00	615.75	89.90	518.81	2270.86	764.33	.00	.00	4979.20	5026.00	.00
* 29859.090	616.53	1.04	616.89	151.54	288.83	2683.20	581.97	.20	4947.55	4979.20	5026.00	5099.09
30847.000	617.51	.00	617.61	886.24	1256.37	1066.95	1230.68	.00	.00	4991.00	5015.00	.00
30847.000	618.56	1.05	619.71	287.64	1188.31	1242.77	1122.92	.19	4926.53	4991.00	5015.00	5214.17
* 31752.000	619.44	.00	619.98	811.52	536.16	2608.21	409.63	.00	.00	4989.00	5030.90	.00
* 31752.000	620.35	.91	621.11	93.84	328.78	3112.86	112.36	.23	4951.45	4989.00	5030.90	5045.29
32739.000	623.40	.00	624.10	508.72	54.05	3245.96	253.99	.00	.00	4989.00	5037.00	.00
32739.000	624.37	.98	624.97	111.00	.00	3287.09	266.91	111.00	4989.00	4989.00	5037.00	5100.00
* 33576.000	626.02	.00	626.33	319.49	515.93	2575.51	462.56	.00	.00	4989.00	5031.00	.00
33576.000	626.74	.72	627.17	104.63	338.74	2976.43	238.83	.16	4948.90	4989.00	5031.00	5053.55
34423.000	627.95	.00	628.36	448.67	396.92	2101.32	1055.76	.00	.00	4991.20	5019.00	.00
34423.000	628.79	.85	629.35	118.14	175.49	2430.23	948.29	.18	4968.92	4991.20	5019.00	5087.06
35103.000	629.49	.00	629.63	411.34	56.94	2182.51	48.55	.00	.00	4993.00	5080.00	.00
35103.000	630.45	.96	630.58	87.00	.00	2288.00	.00	.07	4993.00	4993.00	5080.00	5080.00
* 35503.000	629.94	.00	630.44	44.60	.00	2288.00	.00	.00	.00	4981.50	5026.10	.00
* 35503.000	630.86	.92	631.28	44.60	.00	2288.00	.00	.00	4981.50	4981.50	5026.10	5026.10
35504.000	629.94	.00	630.45	44.56	.00	2288.00	.00	.00	.00	4981.50	5026.10	.00
35504.000	630.87	.92	631.28	44.57	.00	2288.00	.00	.00	4981.50	4981.50	5026.10	5026.10
35537.000	630.06	.00	630.55	44.56	.00	2288.00	.00	.00	.00	4981.50	5026.10	.00
35537.000	630.95	.89	631.36	44.57	.00	2288.00	.00	.00	4981.50	4981.50	5026.10	5026.10
35538.000	630.07	.00	630.55	44.60	.00	2288.00	.00	.00	.00	4981.50	5026.10	.00
35538.000	630.95	.89	631.36	44.60	.00	2288.00	.00	.00	4981.50	4981.50	5026.10	5026.10
* 35638.000	630.67	.00	630.83	398.04	47.39	2206.13	34.49	.00	.00	4993.00	5080.00	.00
* 35638.000	631.44	.78	631.60	87.00	.00	2288.00	.00	.05	4993.00	4993.00	5080.00	5080.00

FLOODWAY DATA: Adams Creek (ADAMS.IN)  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
		SECTION AREA	AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
A	625.000	197.	1134.	7.4	515.8	515.8	.0
B	1080.000	177.	1676.	5.0	517.5	517.0	.5
C	1735.000	129.	1225.	6.8	520.1	519.1	1.0
D	2545.000	242.	2370.	3.5	522.9	521.8	1.0
E	2937.000	94.	1046.	8.0	522.9	522.3	.6
F	3842.000	70.	949.	9.8	523.0	522.0	1.0
G	4763.000	108.	1341.	6.2	532.2	531.2	1.0
	5734.700	184.	2203.	3.8	534.7	533.8	.9
	6034.700	175.	2263.	3.7	535.2	534.3	.9
	6086.200	175.	2291.	3.7	535.3	534.3	1.0
	6167.200	189.	2341.	3.6	535.5	534.5	1.0
H	7133.000	55.	1141.	7.3	537.4	536.4	1.0
I	7893.000	43.	1688.	5.0	540.4	539.7	.7
J	8624.000	106.	1148.	7.3	543.3	542.6	.7
K	9519.000	94.	1192.	7.0	542.4	546.5	.9
L	10355.000	87.	807.	10.4	550.5	550.0	.5
M	11262.000	79.	1233.	6.8	556.4	555.4	1.0
N	11918.000	189.	2083.	4.1	559.2	557.3	.9
	12237.000	115.	1951.	4.0	559.5	558.5	1.0
	12537.000	115.	1895.	4.1	559.8	558.9	.9
	12559.000	115.	1916.	4.1	560.1	559.1	1.0
	12635.000	115.	1649.	4.2	560.1	559.1	1.0
O	13485.000	53.	663.	11.7	561.3	560.5	.8
P	14395.000	134.	1350.	5.8	569.1	568.1	1.0
Q	15241.000	83.	883.	8.8	573.4	572.8	.6
R	15853.000	48.	699.	11.1	577.4	576.5	.9
S	16367.000	80.	1101.	7.1	580.8	579.8	1.0
T	17097.000	105.	1366.	5.7	583.8	583.0	.8
U	17645.000	80.	988.	7.9	584.8	584.0	.8
V	18604.000	72.	910.	6.0	588.0	587.0	1.0
W	15505.000	80.	513.	6.0	590.7	589.7	1.0
X	20447.000	77.	898.	6.1	593.3	592.4	.9
Y	21225.000	96.	1094.	5.0	595.6	595.0	.6
Z	22182.000	100.	1122.	4.8	598.2	597.2	1.0
AA	22971.000	150.	1280.	4.3	600.2	599.2	1.0
	23784.000	220.	2513.	2.0	601.5	600.7	.8
	24584.000	60.	561.	8.1	601.8	600.9	.9
	24657.000	46.	626.	7.3	602.7	601.7	1.0
	24858.000	191.	1898.	2.4	603.8	603.0	.8
BB	25750.000	192.	1308.	4.5	604.0	603.0	1.0
	26217.000	127.	1270.	2.8	608.3	607.7	.6
	27117.000	126.	1221.	2.9	608.6	608.2	.6

FLOODWAY DATA, Adams Creek (ADAMS.IN)  
 PROFILE NO. 2

STATION	WIDTH	FLOODWAY		WATER SURFACE ELEVATION		
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
27178.000	126.	1245.	2.9	609.7	608.7	1.0
27279.000	123.	1278.	2.8	609.8	608.8	1.0
28140.000	100.	891.	4.0	610.9	609.9	1.0
29043.000	110.	663.	5.4	613.0	612.1	.9
29859.000	152.	1160.	3.1	618.5	615.5	1.0
30847.000	288.	2492.	1.4	618.5	617.5	1.0
31752.000	94.	667.	5.3	620.3	619.4	.9
32739.000	111.	771.	4.6	624.4	623.4	1.0
33576.000	105.	976.	3.6	625.7	626.0	.7
34423.000	118.	1018.	3.5	628.7	627.9	.8
35103.000	87.	795.	2.9	630.5	629.5	1.0
35503.000	45.	444.	5.2	630.8	629.9	.9
35534.000	45.	443.	5.2	630.8	629.9	.9
35537.000	45.	447.	5.1	631.0	630.1	.9
35538.000	45.	448.	5.1	631.0	630.1	.9
35636.000	87.	732.	3.1	631.5	630.7	.8