

Exhibit MCH2

McKee Creek HEC-2 Output

Study Contractor : Hayes, Seay, Mattam & Mattam
Contract Number : EMW-50-C-3101
HSMM Number : 2373

Multiple Output

McKee Creek HEC-2 Output Multiple

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

* HEC-2 WATER SURFACE PROFILES *
* *
* Version: 4.6.2: May 1991 *
* *
* RUN DATE 11OCT91 TIME 15:48:12 *

* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET, SUITE D *
* DAVIS, CALIFORNIA 95616-4687 *
* (916) 756-1104 *

```
X X XXXXXX XXXX XXXX
X X X X X X X
Y X X X X X X
XXXXXXXX XXXX X XXXX XXXX
X X X X X X
X X X X X X
X X XXXXXXX XXXX XXXXXXX
```

HAYES, SEAY, MATTERN & MAT'ER, INC.

ROANOKE, VIRGINIA - GREENSBORO, NORTH CAROLINA

COMMISSION NUMBER: 2373
INPUT FILE NAME: MC_MULT.HEC
OUTPUT FILE NAME: NC_MULT.OUT

HEC-2 WATER SURFACE PROFILES

Version: 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 McKees Creek (MC.IN) Date: 10/11/91 10-Year Event

J1 :CHECK INQ MINV IDIR STRT METRIC HVINS Q WSEL FQ
2.0 0.0087 567.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBV CHMIM ITRACE

1. -1.0

J5 VARIABLE CODES FOR SUMMARY PRINTOUT

101. 150.

J6 LPRINT NUMSEC *****REQUESTED SECTION NUMBERS*****

MC	0.18	0.18	0.05	0.1	0.3	0.143	0.04	5015.5	0.143
WH	7	0.233	4921.	0.225	4948.	0.	0.	0.	0.
WH	5051	0.225	5074.	0.233	5474.	0.	0.	0.	0.
OT	8	1954	2748.	3296.	5027.	3296.	1105.	2168.	2168.
ET	0.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00

***** HEC-2 Input file created with CodeH2 *****

***** Version: 3.79 *****

***** CodeH2 Copyrighted 1986 - 1991 *****

***** Run Date: Friday October 11, 1991 *****

***** Run Time: 15:48:07 *****

The following Options Have Been Activated:

1. MULTIPLE Option.
2. HEC1 Option.
3. SUMMARY 150 Option.

NH 7.	0.233	4918.	0.218	4946.	0.135	4988.5	0.04	5017.	0.128
NH 5071.	0.218	5097.	0.233	5363.	0.	0.	0.	0.	0.

Cross Section 1.7
Cross Section E (HSMW Draft)

X1 3555.	27.	4598.5	5017.	929.	929.	929.	4564.	0.	4552.
GR 605.	4374.	600.	4460.	595.	590.	590.	4918.	585.	4946.
GR 300.	4617.	575.	4666.	570.	570.	570.	4999.99	570.08	5000.
GR 570.09	4588.5	565.79	4994.5	565.49	564.79	564.79	5044.	564.79	5071.
GR 565.39	5008.	565.49	5012.	569.29	570.	570.	5181.	595.	5285.
GR 575.	5089.	576.48	5097	580.	585.	585.	0.	0.	0.
GR 600.	5326.	605.	5363.	0.	0.	0.	0.	0.	0.

NH 7.	0.233	4934.	0.225	4965.	0.143	4988.5	0.04	5017.	0.128
NH 5054.	0.218	5094.	0.233	5503.	0.	0.	0.	0.	0.

Cross Section 2
Cross Section F (HSMW Draft)

X1 4440.	30.	4988.5	5017.	884.	884.	884.	4764.	0.	4624.
GR 505.	4438.	300.	4494.	595.	590.	590.	4942.	585.	4565.
ER 580.	4865.	575.	4887.	570.73	570.	570.	4997.	564.5	4999.99
GR 569.4	4978.5	569.8	4988.5	565.5	565.2	565.2	5012.	569.3	5027.
GR 564.5	5000.	565.1	5008.	565.2	569.	569.	5204.	580.	5278.
GR 509.63	5054.	570.	5084.	570.42	575.	575.	5455.	605.	5503.
GR 585.	5313.	590.	5358.	595.	600.	600.	0.	0.	0.

NH 7.	0.233	4923.	0.225	4947.	0.135	4988.5	0.04	5017.	0.12
NH 5059.	0.21	5031.	0.233	5851.	0.	0.	0.	0.	0.

Cross Section 2.4
Cross Section G (HSMW Draft)

X1 5338.	27.	4986.5	5017.	898.	898.	898.	4873.	0.	4909.
GR 605.	4746.	600.	4807.	595.	590.	590.	4962.	580.	4988.5
GR 575.88	4923.	575.	4926.	572.08	570.	570.	5000.	570.3	5008.
GR 566.	4994.5	565.7	4997.	565.	565.	565.	5050.	565.6	5091.
GR 565.7	5012.	569.5	5017.	570.	570.	570.	5336.	573.87	5529.
GR 575.	5107.	580.	5117.	565.	565.	565.	0.	0.	0.
GR 600.	5794.	605.	5031.	0.	0.	0.	0.	0.	0.

NH 7.	0.233	4905.	0.225	4941.	0.135	4979.	0.04	5019.	0.113
NH 5054.	0.203	5067.	0.233	5183.	0.	0.	0.	0.	0.
ET 0.60	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	0.00

Cross Section 2.7
Cross Section H (HSMW Draft)

X1	6080.	24.	4979.	5019.	742.	742.	472.	0.	4771.
GR	605.	4485.	600.	4557.	595.	4654.	4734.	585.	4979.
GR	520.	4832.	575.	4853.	573.11	4905.	4541.	570.41	5009.
GR	570.	4884.	565.61	4991.	565.41	4999.93	5000.	566.61	5067.
GR	567.61	5017.	569.61	5019.	575.	5040.	5054.	582.95	0.
ER	595.	5076.	590.	5099.	595.	5122.	5183.	0.	0.
NH	7.	0.233	4918.	0.225	4940.	0.135	0.04	5019.	0.113
NH	5057.	0.203	5074.	0.233	5400.	0.	0.	0.	0.

Cross Section 3
Cross Section I (HSMH Draft)

X1	5428.	28.	4979.	5019.	348.	348.	4886.	0.	4798.
GR	605.	4505.	600.	4586.	4630.	4630.	4940.	585.	4974.
GR	580.	4868.	575.	4899.	574.01	4918.	4940.	571.1	5000.
GR	570.6	4979.	570.	4980.	566.8	4991.	4999.99	565.6	5057.
GR	566.8	5003.	567.8	5017.	569.8	5019.	5144.	573.29	5194.
GR	575.	5069.	576.19	5074.	580.	5090.	0.	590.	0.
GR	595.	5211.	600.	5339.	605.	5400.	0.	0.	0.
NH	7.	0.233	4918.	0.225	4940.	0.135	0.04	5019.	0.113
NH	5053.	0.203	5074.	0.233	5179.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	5020.00	0.00	0.00

Cross Section 3.5
Cross Section J (HSMH Draft)

X1	7325.	21.	4979.	5019.	878.	878.	4718.	0.	4916.
GR	550.	4542.	585.	4614.	575.	4566.	4999.99	572.72	5000.
GR	572.47	4940.	572.02	4979.	567.02	4991.	5040.	567.02	5053.
GR	568.22	5009.	569.22	5017.	575.	5019.	5119.	580.	5131.
GR	565.	5071.	585.5	5074.	590.	5101.	0.	600.	0.
GR	605.	5179.	0.	0.	0.	0.	0.	0.	0.
NH	7.	0.233	4913.	0.225	4944.	0.143	0.04	5015.	0.15
NH	5045.	0.233	5069.	0.233	5314.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	5015.00	0.00	0.00

Cross Section 4
Cross Section K (HSMH Draft)

X1	8226.	23.	4992.	5015.	920.	920.	4783.	0.	4826.
GR	605.	4577.	600.	4635.	595.	4690.	4987.	580.	4992.
GR	575.	4907.	575.04	4933.	4944.	5003.	5009.	575.	5015.
GR	570.4	4994.	568.5	4999.99	576.4	5048.	5069.	575.	5113.
GR	575.	5018.	575.5	5025.	600.	5048.	0.	590.	0.
GR	595.	5187.	600.	5262.	605.	5314.	0.	0.	0.

NH	7.	0.233	4938.	0.225	4959.	0.143	4992.	0.04	5015.	0.15
RH	5059.	0.233	5083.	0.233	5435.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4900.00	5150.00	0.00	0.00

Cross Section 4.2
Cross Section L (HSMW Draft)

X1	906.	23.	4992.	5015.	836.	836.	836.	0.	0.	0.
GP	605.	4332.	600.	4443.	4559.	4559.	4559.	4768.	565.	4853.
GR	580.	4896.	577.44	4938.	575.	575.	575.	4978.	575.33	4992.
GR	570.73	4994.	568.83	4999.99	5000.	5000.	5000.	5009.	575.33	5015.
GR	575.	5025.	576.16	5059.	5083.	5083.	580.	5172.	585.	5221.
GR	595.	5336.	600.	5394.	605.	605.	0.	0.	0.	0.

NH	7.	0.233	4938.	0.225	4959.	0.143	4990.5	0.04	5013.5	0.15
RH	5059.	0.233	5083.	0.233	5312.	0.	0.	0.	0.	0.
QT	8.	1923.	2732.	3272.	4974.	3272.	538.	1073.	2165.	0.
ET	3.00	0.00	0.00	0.00	0.00	7.11	4950.00	5150.00	0.00	0.00

Cross Section 4.5
Cross Section M (HSMW Draft)

X1	9643.	21.	4990.5	5013.5	581.	581.	581.	4933.	0.	0.
GR	600.	4764.	595.	4656.	4894.	4894.	585.	4990.5	584.22	4938.
GR	580.94	4959.	580.	4965.	4973.	4973.	575.85	5059.	571.25	4992.5
GR	569.35	4898.5	571.25	5007.5	5013.5	5013.5	577.37	5232.	578.17	5083.
GR	580.	5136.	585.	5178.	5201.	5201.	595.	0.	600.	5272.
GR	605.	5312.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	0.233	4926.	0.21	4969.	0.128	4980.	0.04	5019.5	0.128
RH	5054.	0.21	5083.	0.233	5271.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4950.00	5025.00	0.00	0.00
X1	10362.	25.	4980.	5019.5	719.	719.	719.	0.	0.	0.
GR	605.	4328.	600.	4367.	497.	497.	590.	4606.	585.	4728.
GR	582.62	4928.	582.55	4930.	4969.	4969.	580.55	4980.	577.65	4990.
GR	576.85	4992.	576.15	4997.	5004.	5004.	576.35	5007.	576.65	5009.5
GR	578.35	5013.	579.75	5016.	5019.5	5019.5	583.48	5054.	584.65	5070.
GR	585.	5082.	585.08	5083.	590.	590.	595.	5185.	600.	5241.
GR	605.	5271.	0.	0.	0.	0.	0.	0.	0.	0.

NC	7.	0.3	4926.	0.3	4969.	0.128	4980.	0.04	5019.6	0.128
RH	5045.	0.21	5083.	0.233	5277.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4980.00	5020.00	0.00	0.00
X1	10516.	46.	4980.	5019.6	156.	156.	156.	589.44	0.	0.
X5	19.								589.54	4497.
GR	604.59	4928.	603.46	4930.	4969.	4969.	598.9	4411.	594.99	4926.
GR	591.23	4579.	589.99	4606.	586.86	586.86	584.99	4768.	584.06	4926.
GR	584.03	4928.99	584.03	4930.	582.47	582.47	582.03	4979.97	582.03	4979.98
GR	582.02	4975.99	582.02	4990.	582.02	582.02	581.99	4980.1	578.13	4990.
GR	578.33	4992.	577.83	4997.	577.73	577.73	5804.	5007.	578.13	5009.5
GR	579.33	5013.	581.23	5016.	582.4	582.4	582.42	5019.47	582.43	5019.49
GR	582.43	5019.49	582.43	5019.5	582.43	582.43	582.43	5019.52	582.44	5019.6

GR	586.13	5069.99	586.13	5070.	584.93	5082.	585.05	5083.	589.42	5152.
GR	589.99	5161.	594.99	5185.	596.6	5203.	599.99	5241.	604.99	5271.
GR	604.99	5277.	0.	0.	0.	0.	0.	0.	0.	0.
SB	1-25	1.72	2.60	0.00	31.61	0.00	313.56	0.11	577.64	577.64
NH	7.	0.233	4926.	0.21	4969.	0.128	4980.	0.04	5019.5	0.128
NH	5045.	0.21	5083.	0.233	5277.	0.	0.	0.	0.	0.
EY	0.00	0.00	0.00	0.00	0.00	7.11	4980.00	5020.00	0.00	0.00

PEACH ORCHARD ROAD (SR 1169)

X1	10545.	46.	4980.	5019.6	27.	27.	27.	0.00	0.00	0.00
X2	0.00	0.00	1.00	587.24	589.44	0.00	0.00	0.00	0.00	0.00
X3	10.	-46.	4328.	605.02	4346.	605.	603.47	589.44	589.54	600.
BT	411.	4497.	598.91	597.44	4497.	597.44	595.	4387.	601.85	591.24
BT	4605.	594.04	590.	590.	4720.	590.	596.87	4788.	595.	595.
BT	4926.	585.74	585.07	585.74	4925.95	585.74	584.04	4930.	589.92	564.04
BT	4969.	582.48	582.48	582.48	4979.97	582.48	582.04	4979.99	589.74	564.04
BT	4979.99	587.14	587.14	587.14	4980.	587.14	587.14	4980.01	592.24	582.04
BT	4580.1	592.24	592.24	592.24	4990.	592.24	587.14	4992.	592.24	587.14
BT	4897.	592.28	587.18	592.28	5004.	592.28	587.17	5007.	592.27	587.17
BT	5009.5	592.31	587.21	592.31	5013.	592.31	587.22	5016.	592.31	587.21
BT	5019.41	592.34	587.24	592.34	5019.47	592.34	587.22	5016.	592.33	587.23
BT	5019.49	592.34	584.84	592.34	5019.5	592.34	583.64	5019.51	592.34	586.04
BT	5019.52	589.54	582.44	589.54	5019.6	589.54	582.44	5019.51	589.54	582.44
BT	5070.	586.14	586.14	586.14	5082.	591.33	585.	5083.	590.94	586.14
BT	5152.	595.	599.43	595.88	5161.	595.88	590.	5185.	591.56	585.05
BT	5203.	600.	595.61	602.57	5241.	602.57	600.	5271.	598.24	595.
BT	5277.	605.02	605.	0.	0.	0.	0.	0.	605.01	605.
GR	4328.	4346.	603.47	4346.	600.	4387.	598.91	4411.	595.	0.
GR	4578.	590.	4606.	4606.	586.87	4720.	585.	4798.	584.07	4497.
GR	4825.55	584.04	4830.	4830.	582.48	4869.	582.04	4979.97	584.07	4926.
GR	4979.99	595.67	4980.	4980.	585.21	4980.01	582.04	4979.97	582.04	4979.98
GR	4992.	577.84	4997.	4997.	577.74	5004.	582.	4980.1	579.14	4990.
GR	579.84	5013.	5016.	5016.	577.84	5004.	577.84	5007.	578.14	5009.5
GR	582.41	5019.49	5019.5	5019.5	582.41	5019.41	587.24	5019.47	582.44	5019.48
GR	586.14	5069.99	586.14	5070.	582.44	5019.51	582.44	5019.52	582.45	5019.6
GR	590.	595.	595.	518.	585.	5082.	585.06	5083.	589.43	5152.
GR	605.	5277.	0.	0.	596.61	5203.	600.	5241.	605.	5271.
GR	4328.	4346.	603.47	4346.	600.	4387.	598.91	4411.	595.	0.
GR	4578.	590.	4606.	4606.	586.87	4720.	585.	4798.	584.07	4497.
GR	4825.55	584.04	4830.	4830.	582.48	4869.	582.04	4979.97	584.07	4926.
GR	4979.99	595.67	4980.	4980.	585.21	4980.01	582.	4980.1	579.14	4990.
GR	4992.	577.84	4997.	4997.	577.74	5004.	577.84	5007.	578.14	5009.5
GR	579.84	5013.	5016.	5016.	577.84	5004.	577.84	5007.	578.14	5009.5
GR	582.41	5019.49	5019.5	5019.5	582.41	5019.41	587.24	5019.47	582.44	5019.48
GR	586.14	5069.99	586.14	5070.	582.44	5019.51	582.44	5019.52	582.45	5019.6
GR	590.	595.	595.	518.	585.	5082.	585.06	5083.	589.43	5152.
GR	605.	5277.	0.	0.	596.61	5203.	600.	5241.	605.	5271.

NH	7.	0.233	4926.	0.21	4969.	0.128	4980.	0.04	5019.5	0.128
NH	5054.	0.21	5033.	0.222	5271.	0.	0.	0.	0.	0.
EY	0.00	0.00	0.00	0.00	0.00	7.11	4960.00	5020.00	0.00	0.00
X1	10584.	26.	4960.	5019.5	39.	39.	39.	0.	0.00	0.00
GR	585.	4328.	600.	4957.	595.	4957.	590.	4606.	585.	4788.
GR	584.04	4926.	584.	4930.	582.44	4969.	582.	4980.	579.14	4990.
GR	579.84	4992.	577.6	4997.	577.7	5004.	577.8	5007.	578.14	5009.5
GR	579.84	4992.	577.6	4997.	577.7	5004.	577.8	5007.	578.14	5009.5
GR	585.	5052.	585.06	5083.	585.	5161.	585.06	5185.	586.14	5070.
GR	605.	5277.	0.	0.	596.61	5161.	600.	5241.	600.	5241.

GR	615.	5785.	620.	5936.	0.	0.	0.	0.	0.	0.
NH	7.	0.233	4924.	0.21	4946.	0.12	4977.	0.04	5022.	0.105
NH	5058.	0.203	5084.	0.223	5493.	0.	0.	0.	0.	0.
QT	8.	1640.	2610.	3010.	4170.	3010.	419.	887.	1889.	0.00
ET	9.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	0.00

Cross Section 5.5

Cross Section R (HSMW Draft)

XI	13769.	25.	4977.	5022.	919.	919.	919.	0.	0.	4694.
GR	630.	4523.	625.	4565.	620.	4595.	610.	4662.	605.	4980.
GR	600.	4744.	597.52	4924.	597.22	4946.	596.79	4577.	594.09	5008.
GR	590.89	4989.	589.59	4990.	588.09	4999.99	5000.	5000.	589.69	5119.
GR	591.39	5215.	595.69	5022.	595.43	5058.	595.25	5084.	595.	5493.
GR	600.	5203.	505.	5237.	610.	5270.	615.	5444.	620.	

NH	7.	0.233	4924.	0.21	4946.	0.12	4977.	0.04	5022.	0.105
NH	5051.	0.203	5084.	0.233	5288.	0.	0.	0.	0.	0.
ET	9.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00

Cross Section 5.7

Cross Section S (HSMW Draft)

XI	14341.	21.	4977.	5022.	553.	553.	553.	0.	0.	4928.
GR	615.	4642.	610.	4699.	605.	4776.	600.13	4924.	600.	4990.
GR	599.66	4946.	599.07	4977.	590.37	4980.	593.17	4980.	591.87	5022.
GR	590.37	4999.89	590.37	5000.	591.97	5008.	593.67	5015.	597.97	5202.
GR	600.	5051.	603.57	5084.	605.	5096.	610.	5144.	615.	
GR	620.	5288.	5.	0.	0.	0.	0.	0.	0.	0.

NH	7.	0.233	4907.	0.233	4944.	0.113	4985.	0.04	5023.	0.098
NH	5058.	0.203	5039.	0.233	5438.	0.	0.	0.	0.	0.
ET	9.00	0.00	0.00	0.00	0.00	9.41	0.00	0.00	0.00	0.00

Cross Section 6

Cross Section T (HSMW Draft)

XI	14908.	25.	4985.	5023.	467.	467.	457.	0.	0.	4729.
GR	630.	4607.	625.	4654.	620.	4673.	615.	4656.	610.	4975.
GR	635.	4757.	600.03	4907.	600.	4908.	539.73	4944.	599.5	5006.
GR	599.1	4985.	593.7	4996.	592.3	4999.59	592.3	5060.	593.7	5058.
GR	595.8	5911.	600.6	5033.	600.4	5033.	600.	5048.	600.64	5438.
GR	602.63	5039.	605.	5126.	610.	5224.	615.	5277.	620.	

NH	7.	0.233	4923.	0.203	4951.	0.113	4985.	0.04	5025.	0.098
NH	5055.	0.203	5084.	0.233	5409.	0.	0.	0.	0.	0.

Cross Section 6.5

11OCT91 15:48:12

T1 Hayss, Sasy, Mattern & Mattern Cabarrus County, NC FIS
 T2 Proj. No. EMW-90-C-3101 Eng:LJM/EKL ET:TFH Comm. No. 2373
 T3 McKees Creek (MC.IN) Date: 10/11/91 50-Year Event

J1 ICHECK IMQ NINY IDIR STRT METRIC HWINS Q %SEL FQ
 3.0 0.0087 567.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIN ITRACE
 2. -1.0

11OCT91 15:48:12

I1 Hayes, Seay, Wittern & Mattern Cabarrus County, NC FIS
 T2 Proj. No. EAW-90-C-3101 Eng:LLM/EKL ET:TFH Comm. No. 2373
 T3 McKees Creek (NC IN) Date: 10/11/91 100-Year Event

J1 ICHECK IQO RINV IOIR STRT METRIC HVINS Q WSEL FQ
 4.0 0.0087 567.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBV CHNIM ITRACE
 3. -1.0

T1 Hayes, Seay, Hatterm & Mattern
 T2 Proj. No. EHM-90-C-3101 Eng:LOH/EKL ET:TFH
 T3 McKees Creek (NC IN) Date: 10/11/91

Cabarrus County, NC FIS
 Comm. No. 2373
 500-Year Event

J1 ICHECK INQ NIMV IDIR STRT METRIC HVINS Q WSEL FQ
 5.0 0.0087 567.0

J2 HPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBV CHNTH ITRACE
 15. -1.0

THIS RUN EXECUTED 11OCT91 15:49:09

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

McKens Creek (MC.IN)

SUMMARY PRINTOUT TABLE 101

SECNO	E60C	ELLC	EGIC	ELTRD	QCULV	QWEIR	CLASS	H4	DEPTH	CWSEL	VCH	EG
-------	------	------	------	-------	-------	-------	-------	----	-------	-------	-----	----

McKees Creek (MC.IN)

SUMMARY PRINTOUT TABLE 150

SECKO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CR1WS	EG	10*KS	VCH	AREA	.DK
378.000	.00	.00	.00	562.50	1954.00	567.50	.00	568.15	86.15	8.83	836.19	208.13
378.000	.00	.00	.00	562.50	2748.00	568.22	.00	568.96	87.53	9.79	1032.08	293.72
378.000	.00	.00	.00	562.50	3296.00	568.57	.00	569.46	87.11	10.35	1239.48	353.14
378.000	.00	.00	.00	562.50	5027.00	569.26	.00	570.82	88.03	11.89	1681.07	535.77
* 1972.000	694.00	.00	.00	561.90	1954.00	570.11	.00	570.26	14.73	4.86	1670.88	509.15
* 1072.000	694.00	.00	.00	561.90	2748.00	571.07	.00	571.26	16.69	5.65	2026.64	672.70
* 1072.000	594.00	.00	.00	561.90	3296.00	571.65	.00	571.86	17.61	6.12	2246.72	780.93
* 1072.000	694.00	.00	.00	561.90	5027.00	573.20	.00	573.49	20.60	7.39	2860.12	1107.45
1769.009	697.00	.00	.00	561.30	1954.00	570.90	.00	571.00	7.97	4.05	1963.92	691.98
1769.000	697.00	.00	.00	561.30	2748.00	571.98	.00	572.11	9.21	4.72	2359.71	905.71
1769.030	697.00	.00	.00	561.30	3296.00	572.63	.00	572.77	9.83	5.13	2602.62	1046.16
1769.000	697.00	.00	.00	561.30	5027.00	574.36	.00	574.56	11.78	6.23	3269.22	1464.56
* 2627.000	858.00	.00	.00	565.10	1954.00	571.98	.00	572.43	42.13	7.21	1220.84	301.05
* 2627.000	858.00	.00	.00	565.10	2748.00	573.14	.00	573.49	30.56	6.91	1847.83	497.08
* 2627.000	858.00	.00	.00	565.10	3296.00	573.83	.00	574.15	27.14	6.92	2222.56	632.70
2627.000	858.00	.00	.00	565.10	5027.00	575.65	.00	575.94	22.05	7.16	3260.33	1070.54
* 3556.000	929.00	.00	.00	564.79	1954.00	571.09	.00	574.27	11.19	4.63	1662.41	584.04
* 3556.000	929.00	.00	.00	564.79	2748.00	575.03	.00	575.25	12.82	5.34	2055.28	767.39
* 3556.000	929.00	.00	.00	564.79	3296.00	575.63	.00	575.88	13.49	5.73	2312.78	897.39
3556.009	929.00	.00	.00	564.79	5027.00	577.30	.00	577.60	14.81	6.69	3054.58	1306.11
4440.000	884.00	.00	.00	564.50	1954.00	574.95	.00	575.22	9.94	4.79	1303.62	619.92
4440.000	884.00	.00	.00	564.50	2748.00	576.07	.00	576.36	11.72	5.60	1653.84	802.61
4440.000	884.00	.00	.00	564.50	3296.00	576.73	.00	577.06	12.60	6.06	1882.55	928.45
4440.000	884.00	.00	.00	564.50	5027.00	578.51	.00	578.94	14.66	7.24	2539.34	1312.95
5338.009	898.00	.00	.00	565.00	1954.00	575.86	.00	576.14	10.25	5.00	899.20	610.33
5338.000	898.00	.00	.00	565.00	2748.00	577.09	.00	577.44	12.03	5.87	1130.51	792.42
5338.000	898.00	.00	.00	565.00	3296.00	577.82	.00	578.23	13.05	6.39	1273.00	912.35
5338.000	898.00	.00	.00	565.00	5027.00	579.77	.00	580.35	15.67	7.79	1666.68	1269.75
6080.000	742.00	.00	.00	565.41	1954.00	576.54	.00	576.77	7.17	4.26	951.16	729.63
6080.000	742.00	.00	.00	565.41	2748.00	577.62	.00	578.19	8.19	4.98	1222.12	960.25
6080.000	742.00	.00	.00	565.41	3296.00	578.66	.00	579.02	8.77	5.41	1390.18	1112.85
6080.000	742.00	.00	.00	565.41	5027.00	580.81	.00	581.28	10.22	6.54	1862.21	1572.58
6428.000	346.00	.00	.00	565.60	1954.00	576.81	.00	577.00	5.90	3.95	976.13	604.56
6428.000	348.00	.00	.00	565.60	2748.00	578.19	.00	578.44	6.77	4.63	1240.90	1356.05
6428.000	348.00	.00	.00	565.60	3296.00	579.02	.00	579.31	7.27	5.04	1412.26	1222.12
6428.000	348.00	.00	.00	565.60	5027.00	581.21	.00	581.62	8.52	6.12	1912.90	1722.32

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.OIK
7306.000	878.00	.00	.00	567.02	1954.00	577.38	.00	577.56	6.74	3.96	1484.09	752.44
7306.000	878.00	.00	.00	567.02	2748.00	578.84	.00	579.04	6.67	4.37	2015.00	1064.18
7306.000	878.00	.00	.00	567.02	3296.00	579.72	.00	579.93	6.68	4.63	2344.90	1274.98
7306.000	878.00	.00	.00	567.02	5027.00	582.05	.00	582.30	6.79	5.30	3271.17	1929.47
* 8226.000	920.00	.00	.00	568.50	1954.00	578.16	.00	579.12	49.64	8.84	550.18	277.35
* 8226.000	920.00	.00	.00	568.50	2748.00	579.57	.00	580.54	44.35	9.37	830.60	412.62
* 8226.000	920.00	.00	.00	568.50	3296.00	580.44	.00	581.40	41.32	8.52	1022.72	512.72
* 8226.000	920.00	.00	.00	568.50	5027.00	582.76	.00	583.72	35.56	10.27	1592.46	843.05
* 9062.000	836.00	.00	.00	568.83	1954.00	580.82	.00	581.12	13.39	5.49	1129.46	534.03
* 9062.000	836.00	.00	.00	568.83	2748.00	582.18	.00	582.52	13.97	6.11	1543.45	735.22
* 9062.000	836.00	.00	.00	568.83	3296.00	583.00	.00	583.36	14.29	6.48	1805.20	871.77
* 9062.000	836.00	.00	.00	568.83	5027.00	585.19	.00	585.61	14.88	7.39	2576.29	1303.09
* 9643.000	581.00	.00	.00	569.35	1923.00	581.58	.00	581.97	14.90	5.89	846.42	498.12
* 9643.000	581.00	.00	.00	569.35	2732.00	582.97	.00	583.45	16.65	6.78	1133.52	669.50
* 9643.000	581.00	.00	.00	569.35	3272.00	583.80	.00	584.32	17.43	7.26	1316.27	783.77
* 9643.000	581.00	.00	.00	569.35	4974.00	586.00	.00	586.65	19.04	8.47	1651.81	1139.91
* 10362.000	719.00	.00	.00	576.15	1923.00	583.01	582.09	584.14	63.85	8.76	316.98	240.66
* 10362.000	719.00	.00	.00	576.15	2732.00	584.44	.00	585.56	49.59	9.06	597.15	387.94
* 10362.000	719.00	.00	.00	576.15	3272.00	585.28	.00	586.36	43.08	9.14	831.88	498.49
* 10362.000	719.00	.00	.00	576.15	4974.00	587.51	.00	588.46	31.13	9.23	1649.67	831.50
* 10518.000	156.00	.00	.00	577.63	1923.00	583.99	.00	585.61	99.21	10.21	188.42	193.06
* 10518.000	156.00	.00	.00	577.63	2732.00	584.98	.00	587.23	107.87	12.04	226.84	263.04
* 10518.000	156.00	.00	.00	577.63	3272.00	585.51	.00	588.20	114.46	13.18	248.51	305.84
* 10518.000	156.00	.00	.00	577.63	4974.00	589.54	589.54	590.21	22.07	8.06	2301.05	1058.69
* 10545.000	27.00	589.44	587.24	577.64	1923.00	584.75	.00	585.96	76.48	8.36	217.15	219.89
* 10545.000	27.00	589.44	587.24	577.64	2732.00	586.11	.00	587.68	81.88	10.07	271.41	301.92
* 10545.000	27.00	589.44	587.24	577.64	3272.00	586.24	.00	588.41	111.30	11.82	276.80	310.14
* 10545.000	27.00	589.44	587.24	577.64	4974.00	591.47	.00	591.73	12.23	5.52	3389.09	1422.51
* 10584.000	39.00	.00	.00	577.60	1923.00	585.77	.00	586.32	25.49	6.41	672.80	380.91
* 10584.000	39.00	.00	.00	577.60	2732.00	587.75	.00	588.15	15.36	5.93	1436.37	696.98
* 10584.000	39.00	.00	.00	577.60	3272.00	583.68	.00	589.07	13.57	5.98	1868.38	886.17
* 10584.000	39.00	.00	.00	577.60	4974.00	591.49	.00	591.79	9.15	5.63	3403.71	1644.03
* 11274.000	590.00	.00	.00	576.90	1923.00	587.15	.00	587.47	11.24	4.93	720.39	573.64
* 11274.000	590.00	.00	.00	576.90	2732.00	588.69	.00	589.06	11.22	5.52	1108.23	815.59
* 11274.000	590.00	.00	.00	576.90	3272.00	585.52	.00	589.93	11.34	5.87	1376.70	971.61
* 11274.000	590.00	.00	.00	576.90	4974.00	592.07	.00	592.49	10.04	6.38	2305.61	1569.59
* 11687.000	413.00	.00	.00	579.48	1923.00	587.63	.00	589.45	45.64	7.28	265.40	284.63
* 11687.000	413.00	.00	.00	579.48	2732.00	589.04	.00	590.05	41.71	8.08	363.60	423.62
* 11687.000	413.00	.00	.00	579.48	3272.00	589.83	.00	590.94	40.21	8.54	450.59	516.01
* 11687.000	413.00	.00	.00	579.48	4974.00	592.18	.00	593.42	32.75	9.20	803.37	869.11

11OCT91

15:48:12

PAGE 16

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
12219.000	532.00	.00	.00	582.81	1923.00	590.47	589.39	591.73	79.94	9.03	229.98	215.07
12219.000	532.00	.00	.00	582.81	2732.00	591.64	590.82	593.09	74.76	9.89	391.30	315.97
12219.000	532.00	.00	.00	582.81	3272.00	592.31	591.55	593.84	70.16	10.30	520.90	390.64
12219.000	532.00	.00	.00	582.81	4974.00	592.21	593.24	595.73	55.25	10.83	1081.69	669.15
12869.000	650.00	.00	.00	586.20	1923.00	594.75	.00	595.59	44.89	7.44	336.13	287.03
12869.000	650.00	.00	.00	586.20	2732.00	595.84	.00	596.81	44.23	8.29	582.21	410.79
12869.000	650.00	.00	.00	586.20	3272.00	596.41	.00	597.48	44.72	8.81	727.56	489.31
12869.000	650.00	.00	.00	586.20	4974.00	597.78	.00	599.13	49.18	10.36	1199.72	709.29
* 13788.000	919.00	.00	.00	588.09	1640.00	597.67	.00	598.01	15.68	4.91	615.15	414.19
* 13788.000	919.00	.00	.00	588.09	2610.00	598.95	.00	599.41	18.67	6.03	1006.04	604.05
* 13788.000	919.00	.00	.00	588.09	3010.00	599.57	.00	600.03	17.70	6.17	1249.20	715.43
* 13788.000	919.00	.00	.00	588.09	4170.00	601.18	.00	601.63	14.95	6.37	2601.31	1077.20
* 14341.000	553.00	.00	.00	590.37	1640.00	598.71	.00	599.41	38.54	6.76	246.45	264.17
* 14341.000	553.00	.00	.00	590.37	2610.00	600.04	.00	601.14	45.84	8.48	358.66	385.49
* 14341.000	553.00	.00	.00	590.37	3010.00	600.55	.00	601.75	46.23	8.94	427.49	442.70
* 14341.000	553.00	.00	.00	590.37	4170.00	601.84	.00	603.27	46.50	10.00	646.58	611.51
14808.000	467.00	.00	.00	592.30	1640.00	600.80	599.82	601.78	64.23	8.21	299.52	204.62
14808.000	467.00	.00	.00	592.30	2610.00	602.41	.00	603.34	47.56	8.53	644.61	378.47
14808.000	467.00	.00	.00	592.30	3010.00	602.97	.00	603.88	43.80	8.65	791.81	454.79
14808.000	467.00	.00	.00	592.30	4170.00	604.38	.00	605.26	37.17	8.98	1225.20	683.99
* 15353.000	545.00	.00	.00	593.02	1640.00	603.16	.00	603.49	17.33	5.16	728.36	393.93
* 15353.000	545.00	.00	.00	593.02	2610.00	604.52	.00	604.94	18.36	6.12	1127.78	599.45
* 15353.000	545.00	.00	.00	593.02	3010.00	605.00	.00	605.45	19.43	6.45	1285.70	682.83
15353.000	545.00	.00	.00	593.02	4170.00	606.24	.00	606.75	19.93	7.15	1729.77	934.01

McKees Creek (MC.IN)

SUMMARY PRINTOUT TABLE 150

SECHO	Q	CWSEL	DIFNSP	DIFNSX	DIFRFS	TOPWID	XLCH
378.000	1954.00	567.50	.00	.00	.50	333.62	.00
378.000	2748.00	568.22	.72	.00	1.22	349.31	.00
378.000	3296.00	568.67	.44	.00	1.67	358.99	.00
378.000	5027.00	569.86	1.19	.00	2.86	384.86	.00
* 1072.000	1954.00	570.11	.00	2.61	.00	365.43	694.00
* 1072.000	2748.00	571.07	.96	2.85	.00	377.31	694.50
* 1072.000	3296.00	571.65	.58	2.58	.00	384.48	694.00
* 1072.000	5027.00	573.20	1.55	3.34	.00	403.78	634.00
1769.000	1954.00	570.90	.00	.78	.00	362.09	697.00
1769.000	2748.00	571.98	1.08	.90	.00	371.79	697.00
1769.000	3296.00	572.63	.65	.97	.00	377.62	697.00
1769.000	5027.00	574.36	1.73	1.16	.00	393.20	697.00
* 2627.000	1954.00	571.98	.00	1.08	.00	530.12	858.00
* 2627.000	2748.00	573.14	1.17	1.17	.00	546.66	858.00
* 2627.000	3296.00	573.83	.69	1.21	.00	556.31	858.00
* 2627.000	5027.00	575.65	1.82	1.29	.00	581.49	858.00
* 3556.000	1954.00	574.09	.00	2.11	.00	410.06	929.00
* 3556.000	2748.00	575.03	.94	1.89	.00	423.48	929.00
* 3556.000	3296.00	575.63	.60	1.80	.00	432.63	929.00
* 3556.000	5027.00	577.30	1.67	1.65	.00	457.56	929.00
4440.000	1954.00	574.99	.00	.90	.00	316.58	884.00
4440.000	2748.00	576.07	1.08	1.03	.00	337.33	884.00
4440.000	3296.00	576.73	.66	1.09	.00	350.11	884.00
4440.000	5027.00	578.51	1.79	1.21	.00	384.44	884.00
5338.000	1954.00	575.86	.00	.88	.00	185.67	898.00
5338.000	2748.00	577.09	1.22	1.02	.00	192.28	898.00
5338.000	3296.00	577.82	.73	1.09	.00	196.24	898.00
5338.000	5027.00	579.77	1.95	1.26	.00	206.73	898.00
6080.000	1954.00	576.54	.00	.68	.00	197.80	742.00
6080.000	2748.00	577.88	1.34	.79	.00	207.17	742.00
6080.000	3296.00	578.68	.80	.86	.00	212.77	742.00
6080.000	5027.00	580.81	2.13	1.04	.00	235.46	742.00
6428.000	1954.00	576.81	.00	.27	.00	128.84	348.00
6428.000	2748.00	578.19	1.38	.31	.00	203.20	348.00
6428.000	3296.00	579.02	.83	.34	.00	211.73	348.00
6428.000	5027.00	581.21	2.20	.40	.00	252.10	348.00

SECNO	Q	CWSEL	DIFNSP	DIFVSW	DIFKWS	TOPWID	XLCH
7306.000	1954.00	577.38	.00	.57	.00	353.00	878.00
7306.000	2748.00	578.84	1.46	.65	.00	372.04	878.00
7306.000	3295.00	579.72	.87	.70	.00	383.39	878.00
7306.000	5027.00	582.05	2.32	.83	.00	415.59	878.00
* 8223.000	1954.00	578.16	.00	.77	.00	182.75	920.00
* 8223.000	2748.00	579.57	1.42	.73	.00	212.95	920.00
* 8226.000	3296.00	580.44	.87	.72	.00	228.69	920.00
* 8228.000	5027.00	582.76	2.32	.72	.00	263.64	920.00
* 9062.000	1954.00	580.82	.00	2.66	.00	291.05	836.00
* 9062.000	2748.00	582.18	1.37	2.61	.00	316.14	836.00
* 9062.000	3296.00	583.00	.81	2.55	.00	331.08	836.00
* 9062.000	5027.00	585.19	2.19	2.42	.00	373.28	836.00
9643.000	1923.00	581.58	.00	.76	.00	155.73	581.00
9643.000	2732.00	582.97	1.39	.79	.00	215.82	581.00
9643.000	3272.00	583.80	.82	.80	.00	237.69	581.00
9643.000	4974.00	506.00	2.20	.81	.00	257.42	581.00
* 10362.000	1923.00	583.01	.00	1.43	.00	144.81	719.00
* 10362.000	2732.00	584.44	1.43	1.47	.00	247.22	719.00
* 10362.000	3272.00	585.28	.84	1.48	.00	308.94	719.00
10362.000	4974.00	587.51	2.23	1.51	.00	425.21	719.00
10518.000	1923.00	583.99	.00	.98	.00	39.60	156.00
* 10518.000	2732.00	584.98	.96	.53	.00	39.60	156.00
* 10518.000	3272.00	585.51	.53	.22	.00	39.60	156.00
* 10518.000	4974.00	589.54	4.04	2.03	.00	531.57	156.00
10545.000	1923.00	584.75	.00	.75	.00	39.52	27.00
10545.000	2732.00	586.11	1.36	1.14	.00	39.57	27.00
10545.000	3272.00	586.24	.13	.74	.00	39.55	27.00
10545.000	4974.00	591.47	5.23	1.93	.00	594.08	27.00
* 10584.000	1923.00	585.77	.00	1.92	.00	325.76	39.00
* 10584.000	2732.00	587.75	1.98	1.64	.00	437.48	39.00
* 10584.000	3272.00	589.68	.94	2.44	.00	486.30	39.00
10584.000	4974.00	591.49	2.80	.02	.00	594.57	39.00
* 11274.000	1923.00	587.15	.00	1.38	.00	215.19	600.00
11274.000	2732.00	586.69	1.53	.94	.00	291.82	600.00
11274.000	3272.00	589.52	.84	.84	.00	333.89	600.00
11274.000	4974.00	592.07	2.54	.58	.00	386.50	600.00
* 11687.000	1923.00	587.53	.00	.47	.00	54.47	413.00
* 11687.000	2732.00	589.04	1.42	.36	.00	94.86	413.00
* 11687.000	3272.00	589.83	.78	.30	.00	126.87	413.00
* 11687.000	4974.00	592.18	2.36	.12	.00	168.51	413.00

11OCT91 15:48:12

SECNO	Q	CUSEL	DIFNSP	DIFWSX	DIFRMS	TOPWID	XLCH
12219.000	1923.00	590.47	.00	2.84	.00	113.12	532.00
12219.000	2732.00	591.84	1.17	2.60	.00	167.03	532.00
12219.000	3272.00	592.31	.67	2.48	.00	219.68	532.00
12219.000	4974.00	594.21	1.91	2.03	.00	365.19	532.00
12869.000	1923.00	594.75	.00	4.22	.00	188.12	650.00
12869.000	2732.00	595.84	1.09	4.20	.00	243.97	650.00
12869.000	3272.00	596.41	.53	4.11	.00	260.70	650.00
12869.000	4974.00	597.78	1.36	3.56	.00	299.98	650.00
* 13786.000	1640.00	597.67	.00	2.92	.00	251.99	919.00
* 13786.000	2610.00	598.55	1.27	3.11	.00	365.21	919.00
* 13786.000	3010.00	599.57	.62	3.15	.00	420.53	919.00
* 13786.000	4170.00	601.18	1.62	3.41	.00	490.76	919.00
* 14341.000	1640.00	598.71	.00	1.03	.00	55.22	553.00
* 14341.000	2610.00	600.04	1.34	1.10	.00	124.96	553.00
* 14341.000	3010.00	600.55	.51	.98	.00	145.07	553.00
* 14341.000	4170.00	601.84	1.29	.66	.00	195.71	553.00
14808.000	1640.00	600.80	.00	2.09	.00	176.61	467.00
14808.000	2610.00	602.41	1.61	2.37	.00	250.55	467.00
14808.000	3010.00	602.97	.56	2.42	.00	278.14	467.00
14808.000	4170.00	604.38	1.41	2.53	.00	340.51	467.00
* 15353.000	1640.00	603.16	.00	2.36	.00	264.03	545.00
* 15353.000	2610.00	604.52	1.37	2.11	.00	319.61	545.00
* 15353.000	3010.00	605.00	.48	2.03	.00	339.06	545.00
* 15353.000	4170.00	605.24	1.24	1.86	.00	378.66	545.00

11OCT91

15:48:12

PAGE 20

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECHO= 10518.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECHO= 10518.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

Floodway Output

McKee Creek HEC-2 Output Floodway

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

 * HEC-2 WATER SURFACE PROFILES
 *
 * Version 4.6.2; May 1991
 *
 * RUN DATE 11OCT91 TIME 15:51:23

 * U.S. ARMY CORPS OF ENGINEERS
 * HYDROLOGIC ENGINEERING CENTER
 * 609 SECOND STREET, SUITE D
 * DAVIS, CALIFORNIA 95616-4687
 * (916) 756-1104

```

X X XXXXXX XXXX X XXXX
X X X X X X X X X
X XXXXXX XXXX XXXX X
X X X X X X X X X
X X XXXXXX XXXX X
X X X X X X X X X
  
```

HAYES, SEAY, MATTERN & MATTER, INC.
 ROANOKE, VIRGINIA - GREENSBORO, NORTH CAROLINA
 COMMISSION NUMBER: 2373
 INPUT FILE NAME: HC.FV.HEC
 OUTPUT FILE NAME: HC_FV.OUT

THIS RUN EXECUTED 11OCT91 15:51:23

 HEC-2 WATER SURFACE PROFILES
 Version 4.6.2; May 1991

T1 Hayas, Seay, Mattern & Mattern Cabarrus County, NC FIS
 T2 Proj. No. EMW-90-C-3101 Eng:LJM/EKL ET:TFH Comm. No. 2373
 T3 McKees Creek (MC.IN) Date: 10/11/91 100-Year Event

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 4.0 0.0087 567.0
 J2 NPROF I PLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM ITRACE
 1. -1.0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110. 200.

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10.

SC	0.18	0.18	0.05	0.1	0.3						
NH	7.	0.233	4921.	0.225	3948.	0.143	4988.	0.04	5015.5	0.143	
NH	5951.	0.225	5074.	0.233	5474.	0.	0.	0.	0.	0.	
QT	8.	1954.	2748.	3296.	5027.	3295.	576.	1106.	2168.		
ET	0.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	0.00	

 HEC-2 Input file created with CodeH2
 Version: 3.79
 CodeH2 Copyrighted 1986 - 1991
 Run Date: Friday, October 11, 1991
 Run Time: 15:51:18

The Following Options Have Been Activated :
 1. FLOODWAY Option.
 2. HEC1 Option.
 3. SUMMARY_150 Option.

NH	7.	0.233	4918.	0.218	4946.	0.135	4988.5	0.04	5017.	0.128
NH	5071.	0.218	5097.	0.233	5363.	0.	0.	0.	0.	0.

Cross Section 1.7
Cross Section E (HSMW Draft)

X1	3556.	27.	4988.5	5017.	929.	929.	929.		0.	
GR	605.	4374.	600.	4460.	595.	4517.	590.	4564.	585.	4592.
GR	590.	4617.	575.	4666.	570.	4692.	570.07	4918.	570.08	4946.
GR	570.09	4988.5	555.79	4994.5	565.49	4997.	564.79	4999.99	564.79	5000.
GR	565.39	5008.	565.49	5012.	563.29	5017.	570.	5044.	573.	5071.
GR	575.	5089.	576.48	5097.	580.	5116.	585.	5181.	595.	5285.
GR	600.	5325.	605.	5363.	0.	0.	0.	0.	0.	0.
NH	7.	0.233	4934.	0.225	4965.	0.143	4988.5	0.04	5017.	0.128
NH	5054.	0.218	5094.	0.233	5503.	0.	0.	0.	0.	0.

Cross Section 2
Cross Section F (HSMW Draft)

X1	4440.	30.	4388.5	5017.	884.	884.	884.		0.	
GR	605.	4438.	600.	4494.	595.	4601.	590.	4764.	585.	4824.
GR	580.	4865.	575.	4897.	570.73	4934.	570.	4942.	569.62	4965.
ER	563.4	4978.5	569.8	4988.5	565.5	4954.5	565.2	4997.	564.5	4999.99
ER	564.5	5000.	565.1	5008.	565.2	5012.	569.	5017.	569.3	5027.
GR	569.63	5054.	570.	5084.	570.42	5094.	575.	5204.	580.	5278.
GR	585.	5313.	590.	5358.	595.	5400.	600.	5455.	605.	5503.
NH	7.	0.233	4923.	0.225	4947.	0.135	4988.5	0.04	5017.	0.12
NH	5060.	0.21	5091.	0.233	5851.	0.	0.	0.	0.	0.

Cross Section 2.4
Cross Section G (HSMW Draft)

X1	5328.	27.	4988.5	5017.	898.	898.	898.		0.	
GR	605.	4746.	600.	4802.	595.	4853.	590.	4873.	580.	4903.
GR	575.88	4923.	575.	4926.	572.08	4947.	570.	4962.	570.3	4988.5
GR	566.	4994.5	565.7	4997.	565.	4999.99	565.	5000.	565.6	5008.
GR	565.7	5012.	569.5	5017.	570.	5036.	571.69	5060.	573.87	5091.
GR	575.	5107.	580.	5117.	585.	5224.	590.	5336.	595.	5529.
GR	600.	5794.	605.	5851.	0.	0.	0.	0.	0.	0.
NH	7.	0.233	4905.	0.225	4941.	0.135	4979.	0.04	5019.	0.113
NH	5054.	0.203	5057.	0.233	5103.	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 2.7
Cross Section H (HSMW Draft)

X1	6080.	24.	4979.	5019.	742.	742.	742.	590.	4734.	0.	4771.
GR	605.	4485.	600.	4557.	595.	4654.	590.	570.41	4941.	585.	4979.
GR	580.	4832.	575.	4853.	573.11	4905.	571.79	5000.	5000.	570.41	5009.
GR	570.	4984.	566.61	4991.	555.41	4099.99	565.41	5054.	5000.	566.61	5067.
GR	567.61	5017.	569.61	5019.	575.	5040.	500.	5183.	5054.	582.95	5087.
GR	535.	5076.	590.	5099.	595.	5122.	600.	0.	5183.	0.	0.
NH	7.	0.233	4918.	0.225	4940.	0.135	4979.	0.04	0.	5019.	0.113
NH	5057.	0.203	5074.	D.233	5400.	0.	0.	0.	0.	0.	0.

Cross Section 3
Cross Section 1 (HSKM Draft)

X1	6428.	28.	4979.	5019.	348.	348.	348.	590.	4686.	0.	4798.
GR	635.	4505.	600.	4586.	595.	4630.	590.	585.	4686.	585.	4798.
GR	580.	4088.	575.	4899.	574.01	4918.	572.87	4940.	4940.	571.1	4974.
GR	570.6	4979.	570.	4980.	565.8	4991.	565.6	4999.99	4999.99	565.6	5000.
GR	566.8	5009.	567.8	5017.	569.8	5019.	569.3	5029.	5029.	573.29	5057.
GR	575.	5059.	576.19	5074.	580.	5090.	585.	5144.	5144.	590.	5194.
GR	595.	5281.	600.	5339.	605.	5400.	0.	0.	0.	0.	0.
NH	7.	0.233	4918.	0.225	4940.	0.135	4979.	0.04	0.	5019.	0.113
NH	5053.	0.203	5074.	0.233	5179.	0.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4750.00	5020.00	5020.00	0.00	0.00

Cross Section 3.5
Cross Section 2 (HSKM Draft)

X1	7306.	21.	4979.	5019.	878.	878.	878.	575.	4718.	0.	4918.
GR	590.	4542.	585.	4614.	580.	4666.	575.	567.02	4718.	572.72	4918.
GR	572.47	4940.	572.02	4979.	568.22	4991.	567.02	4999.99	4999.99	580.	5000.
GR	568.22	5009.	569.22	5017.	571.22	5019.	575.	5040.	5040.	580.	5053.
GR	585.	5071.	585.5	5074.	590.	5101.	595.	5119.	5119.	600.	5131.
GR	605.	5179.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NH	7.	0.233	4918.	0.225	4944.	0.143	4992.	0.04	0.	5015.	0.15
NH	5040.	0.233	5059.	0.233	5314.	0.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4850.00	5015.00	5015.00	0.00	0.00

Cross Section 4
Cross Section K (HSKM Draft)

X1	8223.	23.	4992.	5015.	920.	920.	920.	530.	4783.	0.	4826.
GR	605.	4577.	600.	4635.	595.	4720.	585.	530.	4783.	530.	4826.
GR	575.	4907.	575.04	4913.	575.23	4944.	575.5	4997.	4997.	575.	4992.
GR	570.4	4994.	558.5	4999.99	568.5	5000.	570.4	5000.	5000.	575.	5015.
GR	575.	5018.	575.5	5025.	590.	5048.	583.23	5069.	5069.	590.	5113.
GR	595.	5187.	600.	5262.	605.	5314.	0.	0.	0.	0.	0.

NH	7.	0.233	4938.	0.225	4959.	0.143	4992.	0.04	5015.	0.15
NH	5059.	0.233	5083.	0.233	5435.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4900.00	5150.00	0.00	0.00

Cross Section 4.2
Cross Section L (HSK Draft)

XI	9062.	23.	4992.	5015.	836.	836.	836.	0.	0.	0.
GR	605.	4332.	600.	4443.	595.	4559.	590.	4768.	585.	4853.
GR	580.	4896.	577.44	4938.	575.	4959.	575.	4978.	575.33	4992.
GR	570.73	4994.	568.83	4999.99	568.83	5000.	570.73	5009.	575.33	5015.
GR	575.	5025.	576.15	5059.	576.97	5083.	580.	5172.	585.	5221.
GR	595.	5336.	600.	5394.	605.	5435.	0.	0.	0.	0.

NH	7.	0.233	4938.	0.225	4959.	0.143	4990.5	0.04	5013.5	0.15
NH	5059.	0.233	5083.	0.233	5312.	0.	0.	0.	0.	0.
QT	8.	1923.	2732.	3272.	4974.	3272.	538.	1073.	2165.	0.00
ET	0.00	0.00	0.00	0.00	0.00	7.11	4956.00	5150.00	0.00	0.00

Cross Section 4.5
Cross Section M (HSNH Draft)

XI	9043.	21.	4590.5	5013.5	581.	581.	581.	0.	0.	0.
GR	600.	4784.	595.	4856.	590.	4894.	585.	4933.	584.22	4938.
GR	580.94	4959.	580.	4965.	575.	4973.	575.85	4990.5	571.25	4992.5
GR	569.35	4998.5	571.25	5007.5	575.85	5013.5	577.37	5059.	576.17	5083.
GR	580.	5138.	585.	5178.	590.	5201.	595.	5232.	600.	5272.
GR	605.	5312.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	0.233	4926.	0.21	4969.	0.128	4980.	0.04	5015.5	0.128
NH	5054.	0.21	5023.	0.233	5271.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4950.00	5025.00	0.00	0.00
XI	10532.	26.	4830.	5019.5	719.	719.	715.	0.	0.	0.
GR	605.	4328.	600.	4387.	595.	4497.	590.	4606.	585.	4788.
GR	582.62	4325.	582.55	4930.	580.99	4969.	580.55	4980.	577.65	4990.
GR	576.85	4992.	576.15	4997.	576.25	5004.	576.35	5007.	576.65	5009.5
GR	572.35	5013.	579.75	5018.	580.95	5019.5	583.48	5054.	584.65	5070.
GR	585.	5082.	585.06	5083.	590.	5161.	595.	5185.	600.	5241.
GR	605.	5271.	0.	0.	0.	0.	0.	0.	0.	0.

MC	7.	0.233	4926.	0.3	4969.	0.128	4980.	0.04	5019.6	0.128
MC	5045.	0.21	5083.	0.233	5277.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4980.00	5020.00	0.00	0.00
XI	10518.	46.	4960.	5019.6	156.	156.	156.	0.	0.	0.
X3	10.	4960.	4960.	5019.6	156.	156.	156.	589.44	589.54	4497.
GR	604.99	4326.	603.46	4346.	599.99	4387.	598.9	4411.	594.99	4826.
GR	581.23	4576.	583.99	4606.	586.86	4726.	584.99	4728.	584.06	4979.98
GR	584.03	4829.99	584.03	4930.	582.47	4969.	582.03	4979.97	579.13	4990.
GR	578.33	4879.99	582.02	4980.	581.99	4980.01	581.99	4980.1	576.13	5069.5
GR	579.85	4992.	577.63	4997.	577.73	5004.	577.83	5007.	582.43	5019.48
GR	581.23	5013.	581.23	5016.	582.4	5019.41	582.42	5019.47	582.43	5019.6
GR	582.43	5019.49	582.43	5019.5	582.43	5019.51	582.43	5019.52	582.44	5019.6

GR	586.13	5069.99	586.13	5070.	584.99	5082.	585.05	5083.	589.42	5152.
GR	589.99	5161.	594.99	5185.	596.6	5203.	599.99	5241.	604.99	5271.
GR	604.99	5277.	0.	0.	0.	0.	0.	0.	0.	0.
NH	1.25	1.72	2.60	0.00	31.61	0.00	313.56	0.11	577.64	577.64
NH	7.	0.233	4926.	0.21	4969.	0.128	4960.	0.04	5019.6	0.128
NH	5045.	0.21	5083.	0.233	5277.	0.	0.	0.	0.	0.
ET	0.00	0.10	0.00	0.00	0.00	7.11	4980.00	5020.00	0.00	0.00

PEACH ORCHARD ROAD (SR 1169)

X1	10545.	46.	4980.	5019.6	27.	27.	27.	0.00	0.00	0.00
X2	0.00	0.00	1.00	587.24	589.44	0.00	0.00	0.00	0.00	0.00
X3	-46.	4328.	605.02	605.	4346.	605.	603.47	589.44	503.54	600.
BT		4411.	600.	598.91	4497.	597.44	595.	4387.	601.85	591.24
BT		4606.	594.04	590.	4720.	550.	586.87	4788.	595.	585.
BT		4926.	589.74	584.07	4929.99	589.74	584.04	4930.	589.92	584.04
BT		4969.	589.51	582.48	4979.97	589.44	582.04	4930.	592.24	582.04
BT		4973.99	592.24	587.14	4980.	592.24	587.14	4980.01	592.24	597.14
BT		4980.1	592.24	587.14	4950.	592.27	567.17	4992.	592.27	587.17
BT		4997.	592.28	587.18	5004.	592.3	587.2	5007.	592.31	597.21
BT		5009.5	592.31	587.21	5013.	592.32	587.22	5016.	592.33	587.23
BT		5019.41	592.34	587.24	5019.7	592.34	587.24	5019.48	592.34	586.04
BT		5019.49	592.34	584.84	5019.3	592.34	583.64	5019.51	589.54	582.44
BT		5019.52	592.34	582.44	5019.6	589.54	582.45	5069.99	590.94	586.14
BT		5070.	590.94	585.14	5082.	591.53	585.	5083.	591.52	585.06
BT		5152.	589.43	589.43	5161.	595.89	590.	5185.	598.24	595.
BT		5203.	596.61	596.61	5241.	602.57	600.	5271.	605.01	605.
BT		5277.	605.02	605.02	0.	0.	0.	0.	0.	0.
GR	605.	4328.	603.47	4346.	660.	4387.	598.91	4411.	595.	4497.
GR	531.24	4579.	590.	4930.	4720.	4720.	585.	4788.	584.07	4926.
GR	584.04	4929.99	584.04	4930.	582.48	4969.	582.04	4979.97	582.04	4979.98
GR	587.14	4979.99	596.67	4960.	586.21	4980.01	582.	4980.1	579.14	4990.
GR	578.34	4992.	577.54	4997.	577.74	5004.	577.84	5007.	578.14	5009.5
GR	573.84	5013.	581.24	5016.	582.41	5019.41	587.24	5019.47	582.44	5019.48
GR	582.44	5019.49	582.44	5019.5	582.44	5019.51	582.44	5019.52	582.45	5019.6
GR	585.14	5069.99	586.14	5070.	585.	5082.	585.06	5083.	589.43	5152.
GR	590.	5161.	595.	5185.	506.61	5203.	600.	5241.	605.	5271.
GR	605.	5277.	0.	0.	0.	0.	0.	0.	0.	0.

NH	7.	0.233	4926.	0.21	4969.	0.128	4980.	0.04	5019.5	0.128
NH	5054.	0.21	5083.	0.233	5271.	0.	0.	0.	0.	0.
ET	0.00	0.00	0.00	0.00	0.00	7.11	4980.00	5020.00	0.00	0.00
X1	10584.	26.	4980.	5019.5	39.	39.	39.	0.	0.	0.
GR	605.	4329.	600.	4387.	595.	4997.	590.	4606.	585.	4788.
GR	594.03	4926.	584.	4930.	582.44	4969.	582.	4980.	579.14	4990.
GR	578.3	4992.	577.7	4997.	577.7	5064.	577.8	5007.	578.14	5009.5
GR	579.8	5013.	581.2	5016.	592.4	5019.5	582.45	5054.	585.1	5070.
GR	585.	5052.	585.06	5083.	550.	5161.	595.	5185.	600.	5241.
GR	605.	5277.	0.	0.	0.	0.	0.	0.	0.	0.

GR 615.	5785.	620.	5936.	0.	0.	0.	0.	0.	0.
NH 7.	0.233	4924.	0.21	4945.	0.12	4977.	0.04	5072.	0.105
NH 5053.	0.203	5084.	0.233	5493.	0.	0.	0.	0.	0.
QT 8.	1640.	2610.	3010.	4170.	419.	887.	1889.	0.00	0.00
ET 0.00	0.00	0.00	0.00	7.41	0.00	0.00	0.00	0.00	0.00

Cross Section 5.5
Cross Section R (HSMH Draft)

X1 13788.	25.	4977.	5022.	919.	919.	919.	4662.	0.	4694.
GR 630.	4523.	625.	4555.	620.	4595.	610.	4977.	605.	4980.
GR 600.	4744.	597.52	4924.	597.22	4946.	596.79	5000.	589.69	5008.
GR 590.29	4989.	589.59	4990.	588.09	4999.99	588.09	5084.	595.	5119.
GR 591.39	5015.	595.69	5022.	595.43	5058.	595.25	5444.	620.	5493.
GR 600.	5203.	605.	5287.	610.	5370.	615.	0.04	5022.	0.105
NH 7.	0.233	4924.	0.21	4945.	0.12	4977.	0.04	0.	0.
NH 5051.	0.203	5084.	0.233	5288.	0.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.00	0.00	0.00

Cross Section 5.7
Cross Section S (HSMH Draft)

X1 14341.	21.	4977.	5022.	553.	553.	553.	4924.	0.	4928.
GR 615.	4542.	610.	4699.	605.	4776.	600.13	4989.	600.	4990.
GR 590.37	4946.	599.07	4977.	596.37	4980.	593.17	5015.	591.87	5022.
GR 600.	4999.99	590.37	5000.	591.97	5008.	593.67	5144.	615.	5202.
GR 620.	5051.	603.67	5084.	605.	5096.	610.	0.	0.	0.
NH 7.	0.233	4907.	0.205	4944.	0.113	4935.	0.04	5023.	0.098
NH 5058.	0.203	5089.	0.233	5438.	0.	0.	0.	0.	0.
ET 0.00	0.00	0.00	0.00	9.41	0.00	0.00	0.00	0.00	0.00

Cross Section 6
Cross Section T (HSMH Draft)

X1 14808.	25.	4585.	5023.	467.	467.	467.	4696.	0.	4729.
GR 630.	4637.	625.	4654.	620.	4676.	615.	4944.	610.	4975.
GR 605.	4757.	600.03	4907.	4908.	4908.	493.73	5000.	593.7	5006.
GR 599.1	4985.	593.7	4996.	592.3	4999.99	592.3	5049.	600.64	5058.
GR 595.8	5011.	600.6	5023.	600.4	5039.	600.	5277.	620.	5438.
GR 602.63	5089.	605.	5126.	610.	5224.	615.	0.04	5023.	0.098
NH 7.	0.233	4923.	0.203	4951.	0.113	4935.	0.04	5023.	0.098
NH 5054.	0.203	5084.	0.233	5409.	0.	0.	0.	0.	0.

Cross Section 6.5

Cross Section U (HSPM Draft)

X1	15353.	23.	4985.	5023.	545.	545.	545.		0.	
GR	630.	4574.	625.	4633.	620.	4669.	615.	4726.	610.	4785.
GR	605.	4876.	601.44	4923.	600.	4942.	599.96	4951.	599.82	4985.
GR	594.42	4996.	593.02	4999.99	593.02	5000.	594.42	5006.	596.52	5011.
GR	601.32	5023.	600.58	5054.	600.	5079.	600.22	5084.	605.	5215.
GR	610.	5284.	615.	5344.	620.	5409.	0.	0.	0.	0.

11OCT91 15:51:23

PAGE 10

T1 Hayes, Saay, Mattern & Mattern Cabarrus County, NC FIS
T2 Proj. No: EMW-90-C-3101 Eng: LJM/EKL ET:TFH Comm. No. 2373
T3 McKees Creek (MC.IH) Date: 10/11/91 100-Year Floodway

J1 ICHFCX INQ RINV IDIR STRT METRIC HVINS Q WSEL FQ

6.0

568.67

J2 WPRGF IPLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM ITRACE

15.

-1.0

THIS RUN EXECUTED 11OCT91 15:51:51

 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

McKees Creek (NC.IN)

SUMMARY PRINTOUT TABLE 110

	SECD	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
A	378.000 378.000	563.67 568.67	1.67 .00	569.48 570.25	358.99 202.91	1368.23 1299.56	1518.05 1922.95	409.71 73.48	.00 .23	.00 4820.26	4988.00 4988.00	5015.50 5015.50	.00 5023.17
B	1072.000 1072.000	571.65 572.61	.00 .96	571.86 572.86	384.48 259.75	731.94 573.51	1117.73 1269.21	1446.34 1453.28	.00 .15	.00 4931.35	4987.00 4987.00	5009.00 5009.00	.00 5191.10
C	1759.000 1769.000	572.63 573.52	.00 .90	572.77 573.69	377.62 287.26	404.07 256.35	1114.74 1229.99	1777.19 1809.66	.00 .13	.00 4968.97	4987.00 4987.00	5009.00 5009.00	.00 5256.23
D	2627.000 2627.000	573.83 574.59	.00 .76	574.15 575.09	556.31 298.92	616.81 296.65	1359.52 1687.00	1319.67 1312.35	.00 .27	.00 4949.34	4980.00 4980.00	5005.00 5005.00	.00 5248.25
E	3556.000 3556.000	575.63 576.60	.00 .97	575.88 576.93	432.63 269.56	1396.09 1417.81	1540.26 1826.30	359.65 51.89	.00 .21	.00 4754.56	4988.50 4988.50	5017.00 5017.00	.00 5024.12
F	4440.000 4440.000	576.73 577.70	.00 .97	577.06 576.14	350.11 132.86	509.65 291.39	1869.30 2175.24	917.05 829.37	.00 .18	.00 4963.59	4988.50 4988.50	5017.00 5017.00	.00 5096.45
G	5336.000 5336.000	577.82 578.80	.00 .98	578.23 579.30	296.24 94.99	519.02 363.28	2080.42 2353.25	696.56 559.47	.00 .16	.00 4960.76	4988.50 4988.50	5017.00 5017.00	.00 5055.75
H	6080.000 6080.000	578.68 579.67	.00 .99	579.02 580.06	212.77 111.09	644.94 570.14	2464.82 2719.25	186.24 6.61	.00 .11	.00 4909.40	4979.00 4979.00	5019.00 5019.00	.00 5020.49
I	6428.000 6428.000	579.02 579.99	.00 .98	579.31 580.32	211.79 106.18	431.93 319.93	2372.13 2600.81	491.94 375.26	.00 .11	.00 4941.33	4979.00 4979.00	5019.00 5019.00	.00 5047.51
J	7306.000 7309.000	579.72 580.66	.00 .94	579.93 580.08	383.39 270.00	1078.84 1117.10	2035.90 2176.12	181.26 2.78	.00 270.00	.00 4750.00	4979.00 4979.00	5019.00 5019.00	.00 5020.00
K	8226.000 8226.000	580.44 581.41	.00 .97	581.40 582.12	228.69 185.00	937.13 1200.24	2181.88 2695.76	176.98 .00	.00 165.00	.00 4850.00	4992.00 4992.00	5015.00 5015.00	.00 5015.00

	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
L*	9062.000	583.00	.00	583.36	331.08	615.23	1800.05	880.72	.00	.00	4992.00	5015.00	.00
	9062.000	583.49	.50	583.83	250.00	624.97	1801.26	869.77	250.00	4900.00	4992.00	5015.00	5150.00
M*	9643.000	583.80	.00	584.32	227.69	356.99	2066.31	848.70	.00	.00	4990.50	5013.50	.00
	9643.000	584.20	.40	584.67	200.00	364.51	2033.03	874.46	200.00	4950.00	4990.50	5013.50	5150.00
*	10362.000	585.28	.00	586.36	308.94	370.84	2718.99	182.17	.00	.00	4980.00	5019.50	.00
	10362.000	585.34	.05	586.82	75.00	202.42	3034.67	34.91	75.00	4950.00	4980.00	5019.50	5025.00
*	10518.000	585.51	.00	588.20	39.60	.00	3272.00	.00	.00	.00	4980.00	5019.60	.00
	10518.000	585.96	.45	588.31	39.60	.00	3272.00	.00	40.00	4980.00	4980.00	5019.60	5020.00
	10545.000	586.24	.00	588.41	39.58	.00	3272.00	.00	.00	.00	4980.00	5019.60	.00
	10545.000	587.18	.94	588.87	39.60	.00	3272.00	.00	40.00	4980.00	4980.00	5019.60	5020.00
*	10584.000	588.68	.00	589.07	486.30	728.55	2238.96	304.49	.00	.00	4980.00	5019.50	.00
	10584.000	587.69	-.99	589.17	40.00	.00	3270.72	1.28	40.00	4980.00	4980.00	5019.50	5020.00
N*	11274.000	589.52	.00	589.93	333.89	187.03	2448.03	636.94	.00	.00	4977.40	5017.00	.00
	11274.000	590.39	.86	590.83	89.26	.00	2663.01	608.99	.13	4977.40	4977.40	5017.00	5066.66
O*	11687.000	589.83	.00	590.94	126.87	30.94	3212.43	28.63	.00	.00	4974.00	5024.90	.00
	11687.000	590.85	1.03	591.76	50.90	.00	3272.00	.00	.03	4974.00	4974.00	5024.90	5024.90
P*	12219.000	592.31	.00	593.84	219.68	7.02	3031.56	233.41	.00	.00	4977.00	5022.00	.00
	12219.000	592.74	.43	594.43	45.00	.00	3272.00	.00	.12	4977.00	4977.00	5022.00	5022.00
Q	12869.000	596.41	.00	597.48	260.70	4.99	2877.56	389.55	.00	.00	4977.00	5022.00	.00
	12869.000	597.05	.63	598.37	45.00	.00	3272.00	.00	.17	4977.00	4977.00	5022.00	5022.00
R*	13788.000	599.57	.00	600.03	420.53	143.54	2366.56	499.89	.00	.00	4977.00	5022.00	.00
	13788.000	600.51	.94	601.06	89.39	.00	2674.83	335.17	.17	4977.00	4977.00	5022.00	5066.39
S*	14341.000	600.55	.00	601.75	145.07	41.22	2909.13	59.64	.00	.00	4977.00	5022.00	.00
	14341.000	601.55	1.00	602.58	45.00	.00	3010.00	.00	.06	4977.00	4977.00	5022.00	5022.00
T	14808.000	602.97	.00	603.88	276.14	468.75	2338.13	203.07	.00	.00	4985.00	5023.00	.00
	14808.000	603.41	.44	604.88	54.06	148.52	2861.48	.00	.24	4988.94	4985.00	5023.00	5023.00
*	15353.000	605.00	.00	605.45	339.06	445.42	2063.88	506.70	.00	.00	4985.00	5023.00	.00
	15353.000	606.03	1.03	606.62	102.84	222.54	2435.94	351.52	.21	4962.65	4985.00	5023.00	5065.49

FLOODWAY DATA, McKees Creek (MC.IN)
PROFILE NO. 2

REGULATORY

STATION	FLOODWAY			WATER SURFACE ELEVATION				
	WIDTH	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE		
A 378.000	203.	804.	4.1	568.7	568.7	0	578.2	
B 1072.000	260.	1942.	1.7	572.7	571.7	1.0	577.5	
C 1769.000	287.	2435.	1.4	573.5	572.6	.9	577.5	
D 2627.000	299.	1541.	2.1	574.6	573.8	.8	577.5	
E 3556.000	270.	1879.	1.8	575.6	575.6	1.0	577.5	
F 4440.000	133.	1176.	2.8	577.7	576.7	1.0	577.5	
G 5338.000	95.	925.	3.6	578.8	577.8	1.0	577.8	
H 6080.000	111.	1066.	3.1	579.7	578.7	1.0	578.7	
I 6428.000	106.	1096.	3.0	580.0	579.0	1.0	579.0	
J 7306.000	270.	2164.	1.5	580.6	579.7	.9	579.7	
K 8226.000	165.	1038.	3.2	581.4	580.4	1.0	580.4	
L 9082.000	250.	1702.	1.9	583.5	583.0	.5	583.0	
M 9643.000	200.	1368.	2.4	584.2	583.8	.4	583.8	
10362.000	75.	448.	7.3	585.4	585.3	.1		
10518.000	40.	266.	12.3	586.0	585.5	.5		
10545.000	40.	314.	10.4	587.1	586.2	.9		
10584.000	40.	338.	9.7	587.7	588.7	4.0		
N 11274.000	89.	834.	3.9	590.4	589.5	.9	589.5	
O 11687.000	51.	428.	7.6	590.8	589.8	1.0	589.8	
P 12219.000	45.	314.	10.4	592.7	592.3	.4	592.3	
Q 12869.000	45.	355.	9.2	597.0	596.4	.6	596.4	
R 13788.000	88.	646.	4.7	600.5	599.6	.9	599.6	
S 14341.000	45.	370.	8.1	601.5	600.5	1.0	600.5	
T 14908.000	54.	352.	8.6	603.4	603.0	.4	603.0	
15353.000	103.	719.	4.2	606.0	605.0	1.0		