

SUMMARY OF ERRORS AND SPECIAL NOTES

LOUYES
CREEK

THIS RUN EXECUTED 06-28-89 12:42:03

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

C										
T1	Hoyes, Seay, Mattern & Mattern					Chatham Co. NC F				
T2	Filename: LOVE.HEC					Eng: SKL ET: CMC				
T3	Loves Creek					Date: 6/21/89				
						10-Year Event				
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	2	0.	0.	.012720	.00	.0	0.	495.000	.000
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.070	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4870.000	.525	4960.000	.315	4966.100	.068	5024.700	.285
NH	5090.000	.525	5360.000	1.500	5964.690	.000	.000	.000	.000	.000
QT	7.000	1342.000	2263.000	2760.000	4375.000	2760.000	611.000	1007.000	.000	.000
ET	.000	.000	.000	.000	.000	5.410	.000	.000	.000	.000

 ***** HEC-2 Input file created with CodeH2 *****
 ***** Version: 3.65 *****
 ***** CodeH2 Copyrighted 1986, 1987, 1988, 1989 *****
 ***** Run Date: Wednesday June 28, 1989 *****
 ***** Run Time: 12:40:02 *****

 The Following Options Have Been Activated :
 1. MULTIPLE Option.
 2. EXISTING Option.

Cross Section A

X1	510.000	39.000	4966.100	5024.700	510.000	510.000	510.000	.000	.000	.000
GR	543.500	4722.470	540.000	4736.240	536.000	4773.080	532.000	4789.770	528.000	4840.980
GR	524.000	4860.070	520.000	4869.910	519.980	4870.000	516.000	4885.880	512.000	4905.140
GR	508.000	4923.200	500.000	4949.220	497.460	4960.000	496.020	4966.100	496.000	4966.180
GR	486.700	4974.000	485.800	4982.000	484.800	4992.000	484.400	4998.000	483.500	5005.000
GR	484.800	5008.000	485.800	5009.000	487.300	5017.000	489.600	5021.000	496.000	5024.630

GR	496.010	5024.700	500.000	5068.270	501.320	5090.000	505.500	5159.050	512.000	5195.380
GR	516.000	5233.720	520.000	5287.730	524.000	5336.660	525.570	5360.000	526.800	5370.400
GR	528.000	5415.090	532.000	5559.600	536.000	5738.720	540.000	5964.690		
NH	7.000	1.500	4770.000	.525	4870.000	.315	4974.000	.068	5021.000	.285
NH	5220.000	.525	5345.000	1.500	5543.950	.000	.000	.000		
Cross Section B										
X1	2145.000	35.000	4974.000	5021.000	1635.000	1635.000	1635.000	.000	.000	.000
GR	544.600	4624.160	540.000	4643.640	538.500	4670.690	536.000	4692.350	532.000	4729.580
GR	528.000	4752.810	524.000	4752.310	522.500	4770.000	520.000	4782.840	516.000	4813.940
GR	513.550	4870.000	513.400	4873.470	512.000	4918.990	508.000	4937.540	508.000	4974.000
GR	507.100	4982.000	506.100	4992.000	505.700	4998.000	504.800	5005.000	506.100	5008.000
GR	507.100	5009.000	508.600	5017.000	510.900	5021.000	515.100	5044.140	518.600	5208.110
GR	519.720	5220.000	520.000	5223.020	524.000	5244.610	528.000	5267.070	532.000	5298.490
GR	526.000	5310.680	537.070	5345.000	539.900	5436.250	540.000	5487.200	548.500	5543.950
NH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.000	.195
NH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000		
X1	2228.200	38.000	4989.300	5014.000	83.200	83.200	83.200	.000	.000	.000
GR	539.910	4664.180	535.910	4737.830	531.910	4760.720	529.630	4760.000	527.910	4794.590
GR	523.910	4808.480	519.910	4823.690	515.910	4849.890	514.310	4880.000	509.840	4963.990
GR	509.840	4964.000	506.800	4988.990	506.800	4989.000	506.790	4989.010	506.760	4989.290
GR	506.760	4989.300	506.760	4989.310	506.740	4989.400	504.880	5000.000	506.760	5013.980
GR	506.760	5013.990	506.760	5014.000	506.760	5014.010	506.830	5014.400	506.840	5014.490
GR	506.850	5014.500	511.860	5044.490	511.860	5044.500	513.910	5056.020	515.910	5094.070
GR	519.910	5157.290	520.240	5170.000	523.310	5290.000	523.910	5313.330	527.910	5317.600
GR	531.910	5340.920	535.910	5361.530	539.910	5481.390	.000	.000	.000	.000
MC	.000	.000	.000	.500	.500	.000	.000	.000	.000	.000
NH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.000	.195
NH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000		
X1	2327.000	38.000	4989.300	5014.000	98.800	98.800	98.800	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	540.000	4664.180	536.000	4737.830	532.000	4760.720	529.720	4780.000	511.700	4794.590
GR	524.000	4808.480	520.000	4823.690	516.000	4849.890	514.400	4880.000	509.930	4963.990
GR	509.930	4964.000	506.890	4988.990	506.890	4989.000	506.880	4989.010	506.850	4989.290
GR	506.850	4989.300	506.850	4989.310	506.830	4989.400	504.970	5000.000	506.850	5013.980
GR	506.850	5013.990	506.850	5014.000	506.850	5014.010	506.920	5014.400	506.930	5014.490
GR	506.940	5014.500	511.950	5044.490	511.950	5044.500	514.000	5056.020	516.000	5094.070
GR	520.000	5157.290	520.330	5170.000	523.400	5290.000	524.000	5313.330	528.000	5317.600
GR	532.000	5340.920	536.000	5361.530	540.000	5481.390	.000	.000	.000	.000
SB	1.250	1.980	2.600	.000	20.160	.000	99.900	.010	504.970	504.970
NH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.500	.195
NH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000		

TREATMENT PLANT PD. BR.

X1	2342.000	35.000	4989.300	5014.500	15.000	15.000	15.000	.000	.000	.000	.000	.000
X2	.000	.000	1.000	509.910	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-38.000	4664.180	540.020	540.000	4737.830	535.020	535.000	511.290	511.290	511.290	511.290	511.290
BT	.000	4780.000	529.740	529.720	4794.590	528.020	528.000	4760.720	4760.720	4760.720	4760.720	4760.720
BT	.000	4823.690	520.020	520.000	4849.890	516.020	516.000	4808.480	4808.480	4808.480	4808.480	4808.480
BT	.000	4963.990	511.290	509.930	4964.000	511.290	509.930	4888.990	4888.990	4888.990	4888.990	4888.990
BT	.000	4989.000	515.110	506.890	4989.010	515.110	506.890	4789.290	4789.290	4789.290	4789.290	4789.290
BT	.000	4989.300	515.110	506.850	4989.310	515.110	506.850	4789.400	4789.400	4789.400	4789.400	4789.400
BT	.000	5000.000	515.110	509.910	5013.980	515.110	509.910	5013.990	5013.990	5013.990	5013.990	5013.990
BT	.000	5014.000	515.100	509.900	5014.010	511.700	509.900	5014.400	5014.400	5014.400	5014.400	5014.400
BT	.000	5014.490	511.700	509.900	5014.500	511.700	509.900	506.940	506.940	506.940	506.940	506.940
BT	.000	5044.500	511.960	511.960	5056.020	514.020	514.000	5094.070	5094.070	5094.070	5094.070	5094.070
BT	.000	5157.290	520.020	520.020	5170.000	520.350	520.350	5290.000	5290.000	5290.000	5290.000	5290.000
BT	.000	5313.330	524.020	524.020	5317.600	528.020	528.020	5340.920	5340.920	5340.920	5340.920	5340.920
BT	.000	5361.330	536.020	536.020	5401.390	540.020	540.000	540.000	540.000	540.000	540.000	540.000
GR	540.000	4664.180	536.000	4737.830	532.000	4760.720	4760.720	4780.000	4780.000	4780.000	4780.000	4780.000
GR	524.000	4808.480	520.000	4823.690	516.000	4849.890	4849.890	4880.000	4880.000	4880.000	4880.000	4880.000
GR	509.930	4964.000	506.890	4988.990	506.890	4989.000	4989.000	506.880	506.880	506.880	506.880	506.880
GR	506.850	4989.300	509.910	4989.310	506.830	4989.400	4989.400	504.970	5000.000	5000.000	5000.000	5000.000
GR	506.850	5013.990	506.850	5014.000	506.850	5014.010	506.920	5014.400	5014.400	5014.400	5014.400	5014.400
GR	506.940	5014.500	511.950	5044.490	511.950	5044.500	514.020	5056.020	5056.020	5056.020	5056.020	5056.020
GR	520.020	5157.290	520.330	5170.000	523.400	5290.000	5290.000	524.020	524.020	524.020	524.020	524.020
GR	532.000	5340.920	536.000	5361.330	540.020	5481.390	5481.390	5313.330	5313.330	5313.330	5313.330	5313.330
MH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.000	.000	5014.000	.195
MH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000	.000	.000	.000	.000
X1	2367.700	38.000	4989.300	5014.000	25.700	25.700	25.700	.000	.000	.000	.000	.000
GR	540.020	4664.180	536.020	4737.830	532.020	4760.720	4760.720	4780.000	4780.000	4780.000	4780.000	4780.000
GR	524.020	4808.480	520.020	4823.690	516.020	4849.890	4849.890	4880.000	4880.000	4880.000	4880.000	4880.000
GR	509.950	4964.000	506.910	4988.990	506.910	4989.000	4989.000	506.870	506.870	506.870	506.870	506.870
GR	506.870	4989.300	506.870	4989.310	506.850	4989.400	4989.400	5000.000	5000.000	5000.000	5000.000	5000.000
GR	506.870	5013.990	506.870	5014.000	506.870	5014.010	506.940	5014.400	5014.400	5014.400	5014.400	5014.400
GR	506.960	5014.500	511.970	5044.490	511.970	5044.500	514.020	5056.020	5056.020	5056.020	5056.020	5056.020
GR	520.020	5157.290	520.350	5170.000	523.420	5290.000	5290.000	524.020	524.020	524.020	524.020	524.020
GR	532.020	5340.920	536.020	5361.330	540.020	5481.390	5481.390	5313.330	5313.330	5313.330	5313.330	5313.330
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000	.000	.000
MH	7.000	1.500	4785.300	.525	4900.000	.285	4978.000	.063	5022.000	.000	5022.000	.285
MH	5050.000	.525	5140.000	1.500	5028.210	.000	.000	.000	.000	.000	.000	.000
X1	2519.000	55.000	4978.000	5022.000	151.300	151.300	151.300	.000	.000	.000	.000	.000
GR	549.790	4561.260	542.740	4743.340	540.790	4742.560	4742.560	4770.740	4770.740	4770.740	4770.740	4770.740
GR	536.970	4785.000	535.790	4740.980	534.430	4759.970	4759.970	4800.000	4800.000	4800.000	4800.000	4800.000
GR	531.790	4817.450	527.790	4812.200	523.790	4840.550	4840.550	4900.000	4900.000	4900.000	4900.000	4900.000
GR	515.790	4956.790	509.740	4958.000	507.140	4978.000	4978.000	4981.000	4981.000	4981.000	4981.000	4981.000
GR	505.630	4984.310	505.540	4985.000	505.410	4989.300	4989.300	4994.290	4994.290	4994.290	4994.290	4994.290
GR	505.240	4995.000	505.240	4995.010	505.090	4999.970	4999.970	505.090	505.090	505.090	505.090	505.090
GR	505.240	5074.990	505.240	5005.000	505.260	5005.700	5005.700	5035.710	5035.710	5035.710	5035.710	5035.710
GR	505.540	5015.000	505.920	5075.690	505.930	5015.700	5015.700	506.090	506.090	506.090	506.090	506.090
GR	511.040	5040.000	513.100	5050.000	519.790	5082.470	5082.470	5140.000	5140.000	5140.000	5140.000	5140.000
GR	527.790	5184.140	531.790	5198.360	532.280	5199.990	5199.990	532.280	532.280	532.280	532.280	532.280
GR	535.790	5211.770	539.500	5226.790	539.790	5227.950	5227.950	549.790	549.790	549.790	549.790	549.790

GR	511.250	5040.000	513.310	5050.000	520.000	5082.470	523.430	5140.000	524.000	5149.550
GR	528.000	5184.140	532.000	5198.360	532.490	5199.990	532.490	5200.000	532.490	5200.010
GR	536.000	5211.770	539.710	5226.790	540.000	5227.950	550.000	5328.710	550.000	5928.210
NH	7.000	1.500	4785.000	.525	4900.000	.285	4978.000	.063	5022.000	.285
NH	5050.000	.525	5140.000	1.500	5928.210	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	7.110	4960.000	5060.000	.000	.000
X1	3211.000	55.000	4978.000	5022.000	81.000	81.000	81.000	.000	.000	.000
GR	551.670	4561.260	544.620	4703.340	542.670	4742.560	541.670	4770.740	541.180	4773.210
GR	538.850	4785.000	537.670	4790.980	536.310	4799.990	536.310	4800.000	536.310	4800.010
GR	523.670	4817.450	529.670	4832.200	525.670	4840.550	522.570	4900.000	521.670	4917.170
GR	517.670	4956.790	511.620	4958.000	511.020	4978.000	507.920	4981.000	507.510	4984.300
GR	507.510	4984.310	507.420	4985.000	507.290	4989.300	507.140	4994.290	507.140	4994.300
GR	507.120	4995.000	507.120	4995.010	506.970	4999.970	506.970	4999.980	506.970	4999.990
GR	507.120	5004.990	507.120	5005.000	507.140	5005.700	507.140	5005.710	507.290	5010.700
GR	507.420	5015.000	507.800	5015.690	507.810	5015.700	507.970	5016.000	510.420	5022.000
GR	512.920	5040.000	514.980	5050.000	521.670	5082.470	525.100	5140.000	525.670	5149.550
GR	529.670	5184.140	533.670	5198.360	534.160	5199.990	534.160	5200.000	534.160	5200.010
GR	537.670	5211.770	541.380	5226.790	541.670	5227.950	551.670	5328.710	551.670	5928.210
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4810.000	.525	4910.000	.285	4980.500	.068	5019.500	.285
NH	5170.000	.525	5305.000	1.500	5376.060	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	5.410	.000	.000	.000	.000

Cross Section B-1

X1	3611.000	27.000	4980.500	5019.500	400.000	400.000	400.000	.000	.000	.000
GR	550.000	4514.080	540.000	4751.450	536.000	4779.460	532.000	4804.390	531.310	4810.000
GR	528.000	4836.850	524.000	4861.130	521.600	4910.000	520.000	4942.680	519.000	4980.500
GR	517.700	4987.500	517.000	4999.500	516.000	5000.500	515.200	5002.500	515.400	5010.500
GR	516.000	5011.500	517.000	5012.500	518.200	5019.500	520.000	5055.440	524.000	5103.370
GR	528.000	5131.440	532.000	5151.390	536.000	5166.970	536.510	5170.000	540.000	5190.750
GR	546.170	5305.000	550.000	5379.060	.000	.000	.000	.000	.000	.000
NH	7.000	1.500	4810.000	.525	4910.000	.285	4980.500	.068	5019.500	.285
NH	5170.000	.525	5305.000	1.500	5058.580	.000	.000	.000	.000	.000

Cross Section C

X1	4234.000	40.000	4980.500	5019.500	623.000	623.000	623.000	.000	.000	.000
GR	552.300	4607.370	550.000	4645.220	348.300	4655.760	545.800	4706.440	540.400	4753.130
GR	540.000	4752.230	536.000	4798.950	534.440	4810.000	532.000	4827.240	528.000	4877.480
GR	524.320	4910.000	524.000	4912.790	520.000	4953.520	522.300	4960.500	521.000	4980.500
GR	519.700	4987.500	519.000	4999.500	518.000	5000.500	517.200	5002.500	517.400	5010.500
GR	518.000	5011.500	519.000	5012.500	520.200	5019.500	520.800	5049.500	524.000	5057.270
GR	528.000	5104.590	531.800	5166.940	531.810	5170.000	532.000	5230.430	535.400	5272.770
GR	535.900	5305.000	536.000	5311.440	540.000	5349.530	544.000	5384.380	546.500	5422.400
GR	548.700	5475.390	548.700	5521.770	546.300	5570.380	547.700	5618.720	550.000	5658.560

NH	7.000	1.500	4775.000	.525	4900.000	.315	4970.000	.068	5014.000	.330
NH	5200.000	.525	5390.000	1.500	5650.900	.000	.000	.000	.000	.000

Cross Section E

X1	7441.000	35.000	4970.000	5014.000	550.000	550.000	550.000	.000	.000	.000
GR	562.800	4678.380	560.000	4700.700	559.600	4741.320	558.410	4775.000	558.100	4783.910
GR	556.300	4821.410	556.000	4845.430	552.000	4861.880	548.000	4883.860	546.630	4900.000
GR	544.000	4931.010	540.010	4970.000	540.000	4970.000	537.200	4982.000	536.300	4986.000
GR	534.800	4991.000	534.100	4998.000	534.300	5005.000	534.800	5009.000	537.900	5014.000
GR	538.000	5034.000	543.600	5066.420	543.600	5096.360	543.500	5169.480	543.580	5200.000
GR	543.700	5244.570	543.900	5323.660	544.000	5385.460	544.260	5390.000	547.000	5438.320
GR	548.000	5502.300	552.000	5530.490	556.000	5597.710	560.000	5628.980	566.700	5650.900
NH	6.000	1.500	4690.000	.525	4870.000	.270	4991.000	.066	5009.000	.315
NH	5350.000	.525	5526.530	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	7.110	4920.000	5200.000	.000	.000

Cross Section E-1

X1	8439.000	22.000	4991.000	5009.000	998.000	998.000	998.000	.000	.000	.000
GR	560.000	4587.130	556.980	4690.000	556.000	4723.250	552.000	4776.740	549.260	4870.000
GR	548.000	4913.040	544.000	4938.870	540.450	4991.000	536.950	4993.000	536.150	4994.000
GR	536.450	4998.000	536.050	5007.000	536.750	5008.000	540.450	5009.000	540.000	5015.750
GR	540.500	5054.150	544.000	5293.690	548.000	5312.720	552.000	5341.880	552.680	5350.000
GR	556.000	5389.980	560.000	5526.530	.000	.000	.000	.000	.000	.000
NH	7.000	1.500	4690.000	.525	4870.000	.270	4991.000	.066	5009.000	.315
NH	5350.000	.525	5526.530	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000

Cross Section F

X1	9438.000	35.000	4991.000	5009.000	999.000	999.000	999.000	.000	.000	.000
GR	565.700	4482.050	560.000	4518.200	559.900	4553.090	559.900	4616.810	559.600	4677.540
GR	559.220	4690.000	558.100	4726.580	556.000	4752.730	552.000	4783.500	550.000	4817.190
GR	548.190	4870.000	548.000	4875.580	546.600	4908.910	544.000	4943.450	541.700	4978.000
GR	542.400	4991.000	538.900	4993.000	538.100	4994.000	538.400	4998.000	538.000	5007.000
GR	538.700	5008.000	542.400	5009.000	542.500	5029.000	544.000	5069.480	543.900	5186.290
GR	543.600	5271.290	544.000	5336.010	544.820	5350.000	548.000	5404.490	552.000	5424.920
GR	556.000	5516.680	556.970	5530.000	558.800	5555.080	560.000	5596.500	561.600	5634.910
NH	7.000	1.500	4560.000	.525	4790.000	.270	4991.000	.066	5009.000	.315
NH	5040.000	.525	5100.000	1.500	5192.470	.000	.000	.000	.000	.000
CT	7.000	1024.000	1737.000	2124.000	3390.000	2124.000	461.000	767.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

Cross Section G

X1	19788.000	31.000	4991.000	5009.000	1350.000	1350.000	1350.000	.000	.000	.000
GR	562.100	4404.400	560.000	4422.580	558.000	4495.290	556.000	4531.410	555.690	4560.000
GR	555.000	4567.760	552.700	4645.400	552.000	4690.940	549.100	4738.780	548.000	4789.750
GR	548.000	4790.000	547.500	4840.770	547.600	4921.580	544.000	4963.920	542.400	4978.000
GR	543.100	4991.000	539.600	4993.000	538.800	4994.000	539.100	4998.000	538.700	5007.000
GR	539.400	5008.000	543.100	5009.000	543.200	5029.000	548.000	5033.200	550.310	5040.000
GR	552.000	5044.970	556.000	5081.040	557.350	5100.000	558.800	5120.290	560.000	5156.400
GR	562.800	5192.470	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.500	4740.000	.525	4930.000	.330	4992.500	.066	5008.500	.315
NH	5075.000	.525	5200.000	1.500	5287.680	.000	.000	.000	.000	.000

Cross Section G-I

X1	11713.000	23.000	4992.500	5008.500	925.000	925.000	925.000	.000	.000	.000
GR	560.000	4301.260	559.000	4517.060	556.000	4672.650	552.000	4730.070	551.530	4740.000
GR	548.000	4815.440	544.000	4893.330	544.000	4919.330	544.000	4930.000	544.000	4963.220
GR	542.670	4992.500	541.870	4993.500	542.170	4997.500	541.770	5006.500	542.470	5007.500
GR	546.170	5008.500	544.000	5025.300	545.830	5075.000	548.000	5133.900	552.000	5157.590
GR	556.000	5183.590	556.630	5200.000	560.000	5287.680	.000	.000	.000	.000
NH	7.000	1.500	4740.000	.525	4930.000	.330	4991.000	.066	5009.000	.315
NH	5075.000	.525	5200.000	1.500	5406.230	.000	.000	.000	.000	.000

Cross Section H

X1	12598.000	39.000	4991.000	5009.000	885.000	885.000	885.000	.000	.000	.000
GR	574.700	4139.350	572.000	4175.580	570.700	4240.430	571.900	4327.370	571.900	4405.970
GR	571.500	4498.310	572.000	4525.900	572.600	4621.760	572.000	4659.100	568.000	4682.690
GR	566.480	4740.000	564.000	4833.950	560.000	4856.940	556.000	4889.690	553.280	4930.000
GR	552.000	4948.900	548.000	4977.260	548.400	4978.000	549.100	4991.000	545.600	4993.000
GR	544.800	4994.000	545.100	4998.000	544.700	5007.000	545.400	5008.000	549.100	5009.000
GR	549.200	5029.000	552.000	5046.920	556.000	5061.440	557.210	5075.000	560.000	5106.270
GR	564.000	5121.700	567.500	5153.250	568.000	5195.160	568.000	5200.000	568.000	5226.710
GR	567.500	5262.940	568.000	5311.310	572.000	5367.870	578.000	5406.230	.000	.000
NH	7.000	1.500	4700.000	.525	4875.000	.330	4983.500	.072	5016.500	.315
NH	5180.000	.525	5355.000	1.500	5650.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000
X1	13319.000	54.000	4983.500	5016.500	721.000	721.000	721.000	.000	.000	.000
GR	570.760	4175.000	570.760	4280.000	570.760	4305.950	566.760	4380.870	564.150	4460.000
GR	562.760	4502.280	558.760	4577.410	556.200	4610.000	554.760	4628.390	553.700	4700.000
GR	552.510	4780.000	551.110	4875.000	550.000	4950.000	549.990	4950.500	547.590	4979.990
GR	547.590	4980.000	547.580	4980.010	547.340	4983.000	547.340	4983.010	547.330	4983.100
GR	547.300	4983.500	547.120	4984.500	547.020	4985.500	546.390	4992.480	546.390	4992.490
GR	546.300	4993.480	546.300	4993.490	546.300	4993.500	546.680	5005.480	546.680	5005.490
GR	546.710	5006.490	546.710	5006.500	547.000	5015.900	547.000	5015.990	547.000	5016.000
GR	547.020	5016.500	547.070	5016.990	547.070	5017.000	547.070	5017.010	549.950	5047.000
GR	550.000	5047.500	553.350	5180.000	554.760	5235.640	555.480	5260.000	557.400	5325.000
GR	558.290	5355.000	558.760	5371.050	562.760	5395.070	565.520	5435.000	566.760	5452.840
GR	567.530	5470.000	570.760	5541.640	570.760	5550.000	570.760	5650.000	.000	.000

NC	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.950	1.500	4700.000	4700.000	300	4875.000	4875.000	.330	5016.000	5016.000	.000	.315	.000	.000
NH	5180.000	.525	5355.000	5355.000	1.500	5650.000	5650.000	.000	.000	.000	.000	.000	.000	.000
X1	13875.000	54.000	4983.000	4983.000	5016.000	556.000	556.000	.000	555.790	555.790	555.480	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	568.000	568.000	4380.870	4460.000	4700.000	4700.000
GR	572.000	4175.000	572.000	572.000	4280.000	572.000	572.000	4305.950	556.000	556.000	4628.390	554.940	4979.990	4983.100
GR	564.000	4502.280	560.000	560.000	4577.410	557.440	557.440	4610.000	548.580	548.580	4950.500	547.630	4992.490	5005.490
GR	553.750	4780.000	552.350	552.350	4875.000	551.240	551.240	4950.500	548.240	548.240	5015.990	5017.010	5047.000	5047.000
GR	548.830	4980.000	548.820	548.820	4280.010	548.580	548.580	4983.000	556.720	556.720	5235.640	5260.000	5325.000	5325.000
GR	548.540	4983.500	548.360	548.360	4984.500	548.260	548.260	4985.500	566.760	566.760	5435.000	5483.000	5452.840	5452.840
GR	547.540	4993.480	547.540	547.540	4993.500	547.540	547.540	4993.500	572.000	572.000	5650.000	5650.000	.000	.000
GR	548.260	5016.500	548.310	548.310	5006.500	548.240	548.240	5015.990	218.810	218.810	.200	547.540	547.540	547.540
GR	551.240	5047.500	554.590	554.590	5180.000	556.000	556.000	5235.640	4983.000	4983.000	.072	5016.000	5016.000	.315
GR	559.550	5355.000	560.000	560.000	5371.050	564.000	564.000	5395.070	.000	.000	.000	.000	.000	.000
GR	568.770	5470.000	572.000	572.000	5541.640	572.000	572.000	5550.000	572.000	572.000	5650.000	5650.000	.000	.000
SB	1.250	2.200	2.600	2.600	.000	29.700	29.700	1.990	.000	.000	.200	547.540	547.540	547.540
NH	7.000	1.500	4700.000	4700.000	.525	4875.000	4875.000	.330	4983.000	4983.000	.072	5016.000	5016.000	.315
NH	5180.000	.525	5355.000	5355.000	1.500	5650.000	5650.000	.000	.000	.000	.000	.000	.000	.000

2ND AVENUE

X1	13902.000	54.000	4983.000	4983.000	5016.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000	27.000
X2	.000	.000	1.000	1.000	555.040	555.480	555.480	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-54.000	4175.000	572.020	572.020	572.010	4280.000	4280.000	572.010	572.000	572.000	555.790	555.480	572.000	.000
BT	.000	4380.870	568.010	568.010	568.000	4460.000	4460.000	565.400	565.390	565.390	4305.950	4305.950	572.010	572.000
BT	.000	4377.410	560.870	560.870	560.000	4610.000	4610.000	560.000	553.750	553.750	4875.000	4875.000	564.010	564.000
BT	.000	4700.000	557.880	557.880	554.940	4780.000	4780.000	556.000	551.230	551.230	4979.990	4979.990	555.880	556.000
BT	.000	4950.000	555.790	555.790	551.240	4950.500	4950.500	555.800	555.750	555.750	4875.000	4875.000	555.880	552.350
BT	.000	4980.000	558.240	558.240	548.830	4980.010	4980.010	558.240	548.820	548.820	4983.000	4983.000	556.240	548.830
BT	.000	4984.500	558.240	558.240	555.040	4983.100	4983.100	558.240	555.040	555.040	4983.500	4983.500	558.240	548.580
BT	.000	4992.490	558.230	558.230	555.030	4985.500	4985.500	558.230	558.230	558.230	4992.480	4992.480	555.030	555.030
BT	.000	4993.500	558.230	558.230	547.630	4993.480	4993.480	558.230	547.540	547.540	4993.490	4993.490	555.030	555.030
BT	.000	5006.490	558.230	558.230	547.950	5006.500	5006.500	558.230	555.030	555.030	5005.490	5005.490	547.920	547.920
BT	.000	5015.990	558.220	558.220	555.020	5016.000	5016.000	558.220	555.030	555.030	5015.900	5015.900	555.020	555.020
BT	.000	5016.990	558.220	558.220	548.310	5017.000	5017.000	558.220	548.240	548.240	5016.500	5016.500	548.260	548.260
BT	.000	5047.000	555.480	555.480	551.190	5047.500	5047.500	555.480	551.240	551.240	5180.000	5180.000	554.590	554.590
BT	.000	5235.640	556.010	556.010	556.000	5260.000	5260.000	556.730	556.720	556.720	5325.000	5325.000	558.640	558.640
BT	.000	5355.000	559.540	559.540	559.530	5371.050	5371.050	560.010	560.000	560.000	5395.070	5395.070	564.010	564.000
BT	.000	5435.000	566.770	566.770	566.760	5452.840	5452.840	568.010	568.000	568.000	5470.000	5470.000	568.770	568.770
BT	.000	5541.640	572.010	572.010	572.000	5550.000	5550.000	572.010	572.000	572.000	5650.000	5650.000	572.020	572.000
GR	572.000	4175.000	572.000	572.000	4280.000	572.000	572.000	4305.950	568.000	568.000	4380.870	4460.000	4700.000	4700.000
GR	564.000	4502.280	560.000	560.000	4577.410	557.440	557.440	4610.000	556.000	556.000	4628.390	554.940	4979.990	4979.990
GR	553.750	4780.000	552.350	552.350	4875.000	551.240	551.240	4950.500	555.040	555.040	4983.010	548.570	4983.100	4983.100
GR	548.830	4980.000	548.820	548.820	4980.010	548.580	548.580	4985.500	547.630	547.630	4992.480	547.630	4992.490	4992.490
GR	548.540	4983.500	548.360	548.360	4984.500	548.260	548.260	4985.500	547.920	547.920	5005.480	547.920	5005.490	5005.490
GR	547.540	4993.480	547.540	547.540	4993.500	547.540	547.540	4993.500	548.240	548.240	5015.990	5015.990	5016.000	5016.000
GR	548.260	5016.500	548.310	548.310	5006.500	548.240	548.240	5015.990	555.020	555.020	5017.010	5017.010	5047.000	5047.000
GR	551.240	5047.500	554.590	554.590	5180.000	556.000	556.000	5235.640	548.310	548.310	5015.990	5015.990	5016.000	5016.000
GR	559.550	5355.000	560.000	560.000	5371.050	564.000	564.000	5395.070	548.260	548.260	5483.000	5483.000	5452.840	5452.840
GR	568.770	5470.000	572.000	572.000	5541.640	572.000	572.000	5550.000	572.000	572.000	5650.000	5650.000	.000	.000
GR	551.240	5047.500	554.590	554.590	5180.000	556.000	556.000	5235.640	556.720	556.720	5260.000	5260.000	5325.000	5325.000

Southern Railroad

X1	16772.000	49.000	4965.500	5031.500	11.000	11.000	11.000	.000	.000	.000	.000
X2	.000	.000	1.000	563.780	566.290	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-49.000	4642.470	572.060	572.040	4665.000	569.660	569.640	566.290	566.380	568.040	568.040
BT	.000	4808.370	567.270	564.040	4830.000	567.160	563.940	4937.500	4679.970	568.060	568.060
BT	.000	4937.750	566.530	563.420	4965.490	566.290	563.090	4965.500	566.530	563.420	563.420
BT	.000	4965.510	566.290	563.730	4965.750	566.290	563.730	4965.750	566.290	563.090	563.090
BT	.000	4978.990	566.310	560.770	4979.750	566.510	560.640	4979.990	566.310	563.750	563.750
BT	.000	4980.000	566.310	563.750	4991.980	566.330	563.770	4991.990	566.330	560.620	560.620
BT	.000	4992.750	566.330	559.770	4992.990	566.330	559.750	4993.000	566.330	559.820	559.820
BT	.000	4995.700	566.330	563.770	4995.750	566.330	563.770	4996.750	566.330	563.770	563.770
BT	.000	5000.750	566.340	563.780	5003.750	566.340	563.780	5004.250	566.340	563.780	563.780
BT	.000	5004.300	566.340	563.780	5004.980	566.340	563.780	5006.000	566.340	558.840	558.840
BT	.000	5005.750	566.340	558.930	5005.990	566.340	558.940	5006.000	566.340	563.780	563.780
BT	.000	5017.980	566.360	563.800	5017.990	566.360	559.330	5018.750	566.360	559.350	559.350
BT	.000	5018.990	566.360	559.400	5019.000	566.360	563.800	5031.490	566.360	563.820	563.820
BT	.000	5031.500	566.380	562.190	5031.750	566.380	562.250	5032.500	566.380	562.270	562.270
BT	.000	5062.500	566.390	563.060	5062.750	566.390	563.070	5084.110	566.390	564.040	564.040
BT	.000	5250.000	567.440	566.540	5349.550	568.040	568.040	5349.560	568.040	568.040	568.040
BT	.000	5365.410	572.060	572.040	.000	.000	.000	.000	.000	.000	.000
GR	572.040	4642.470	569.640	4665.000	568.040	4679.970	564.040	4808.370	563.940	4830.000	4830.000
GR	563.420	4937.500	563.420	4937.750	563.090	4965.490	563.090	4965.500	563.730	4965.510	4965.510
GR	563.090	4965.750	560.770	4978.980	560.770	4978.990	560.640	4979.750	560.620	4979.990	4979.990
GR	560.620	4980.000	559.820	4991.980	4991.990	4995.750	559.770	4992.750	559.750	4992.990	4992.990
GR	559.750	4993.000	559.480	4995.700	4995.750	4995.750	558.420	4996.750	558.120	5000.750	5000.750
GR	558.420	5003.750	558.750	5004.250	558.760	5004.300	558.840	5004.980	558.840	5004.990	5004.990
GR	558.930	5005.750	558.940	5005.990	553.940	5006.000	559.330	5017.980	559.330	5017.990	5017.990
GR	559.350	5018.750	559.400	5018.990	559.410	5019.000	563.820	5031.490	562.190	5031.500	5031.500
GR	562.250	5031.750	562.270	5032.500	563.060	5062.500	563.070	5062.750	564.040	5084.110	5084.110
GR	566.540	5250.000	568.040	5349.550	568.040	5349.560	572.040	5365.410	568.040	5084.110	5084.110
NH	6.000	1.500	4663.000	.525	4830.000	.330	4995.700	.072	5004.300	.240	.240
NH	5250.000	.525	5365.410	.000	.000	.000	.000	.000	.000	.000	.000
EI	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	16863.000	49.000	4995.700	5004.300	.000	7.110	4964.000	5032.000	.000	.000	.000
GR	572.160	4642.470	569.760	4665.000	91.000	4679.970	564.160	4808.370	564.060	4830.000	4830.000
GR	563.540	4937.500	563.540	4937.750	563.210	4965.490	563.210	4965.500	563.210	4965.510	4965.510
GR	563.210	4965.750	560.890	4978.980	560.890	4978.990	560.760	4979.750	560.740	4979.990	4979.990
GR	560.740	4980.000	559.940	4991.980	4991.990	4995.750	559.890	4992.750	559.870	4992.990	4992.990
GR	559.870	4993.000	559.600	4995.700	4995.750	4995.750	558.540	4996.750	558.240	5000.750	5000.750
GR	558.540	5003.750	558.870	5004.250	558.880	5004.300	558.960	5004.980	558.960	5004.990	5004.990
GR	559.050	5005.750	559.060	5005.990	559.060	5006.000	559.450	5017.980	559.450	5017.990	5017.990
GR	559.470	5018.750	559.520	5018.990	559.530	5019.000	562.310	5031.490	562.310	5031.500	5031.500
GR	562.370	5031.750	562.390	5032.500	563.180	5062.500	563.190	5062.750	564.160	5084.110	5084.110
GR	566.660	5250.000	568.160	5349.550	568.160	5349.560	572.160	5365.410	568.160	5084.110	5084.110

THIS RUN EXECUTED 06-28-89 12:50:11

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 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

Loves Creek

SUMMARY PRINTOUT TABLE 150

SECCO	XLCH	ELTRD	ELLC	ELMIN	O	CVSEL	CRWS	EG	10K*S	VCH	AREA	.01K
510.000	.00	.00	.00	483.50	1342.00	490.06	.00	490.66	126.88	6.23	215.45	119.14
510.000	.00	.00	.00	483.50	2263.00	491.79	.00	492.65	126.61	7.44	304.12	201.12
510.000	.00	.00	.00	483.50	2760.00	492.63	.00	493.60	124.95	7.91	348.82	246.91
510.000	.00	.00	.00	483.50	4375.00	494.89	.00	496.21	127.55	9.24	473.52	297.38
2145.000	1635.00	.00	.00	504.80	1342.00	511.00	.00	511.54	128.46	6.23	323.98	118.40
2145.000	1635.00	.00	.00	504.80	2263.00	512.47	.00	513.25	125.27	7.54	482.29	202.19
2145.000	1635.00	.00	.00	504.80	2760.00	513.14	.00	514.02	124.76	8.11	574.63	247.10
2145.000	1635.00	.00	.00	504.80	4375.00	515.05	.00	516.19	116.89	9.38	921.42	404.65
2228.200	83.20	.00	.00	504.88	1342.00	511.78	.00	512.54	99.08	7.65	345.59	134.82
2228.200	83.20	.00	.00	504.88	2263.00	513.24	.00	514.35	115.84	9.58	541.77	210.26
2228.200	83.20	.00	.00	504.88	2760.00	513.90	.00	515.16	121.18	10.37	647.46	250.72
2228.200	83.20	.00	.00	504.88	4375.00	515.77	.00	517.30	122.75	12.00	1029.55	394.88
2327.000	98.80	.00	.00	504.97	1342.00	512.85	.00	513.33	53.53	6.23	471.74	183.42
2327.000	98.80	.00	.00	504.97	2263.00	514.62	.00	515.28	59.07	7.62	761.91	294.44
2327.000	98.80	.00	.00	504.97	2760.00	515.42	.00	516.14	59.69	8.12	928.18	357.23
2327.000	98.80	.00	.00	504.97	4375.00	517.48	.00	518.34	61.88	9.41	1446.88	556.17
2342.000	15.00	511.29	509.91	504.97	1342.00	513.61	.00	513.91	51.11	5.05	586.21	187.71
2342.000	15.00	511.29	509.91	504.97	2263.00	514.85	.00	515.34	75.28	6.77	807.54	260.82
2342.000	15.00	511.29	509.91	504.97	2760.00	515.61	.00	516.14	77.12	7.23	970.22	314.30
2342.000	15.00	511.29	509.91	504.97	4375.00	517.74	.00	518.34	75.29	8.16	1521.96	504.22
2367.700	25.70	.00	.00	504.99	1342.00	513.70	.00	514.04	33.73	5.33	596.19	231.09
2367.700	25.70	.00	.00	504.99	2263.00	514.96	.00	515.54	50.51	7.21	824.90	318.43
2367.700	25.70	.00	.00	504.99	2760.00	515.71	.00	516.36	52.81	7.78	988.83	379.79
2367.700	25.70	.00	.00	504.99	4375.00	517.82	.00	518.59	54.52	9.00	1537.09	592.49
2519.000	151.30	.00	.00	505.09	1342.00	514.18	.00	514.35	12.75	3.38	568.99	375.82
2519.000	151.30	.00	.00	505.09	2263.00	515.71	.00	516.03	19.97	4.72	724.51	506.36
2519.000	151.30	.00	.00	505.09	2760.00	516.49	.00	516.89	22.63	5.29	811.55	580.16
2519.000	151.30	.00	.00	505.09	4375.00	518.56	.00	519.20	30.14	6.87	1083.65	796.89

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
2839.000	320.00	.00	.00	505.30	1342.00	514.61	.00	514.96	21.19	4.71	284.87	291.55
2839.000	320.00	.00	.00	505.30	2263.00	516.34	.00	517.03	33.72	6.67	339.05	389.72
2839.000	320.00	.00	.00	505.30	2760.00	517.18	.00	518.07	39.03	7.55	365.55	441.79
2839.000	320.00	.00	.00	505.30	4375.00	519.37	.00	520.94	55.24	10.07	434.24	588.66
3130.000	291.00	545.99	514.30	505.30	1342.00	515.12	.00	515.42	16.16	4.35	308.48	333.79
3130.000	291.00	545.99	514.30	505.30	2263.00	518.14	.00	518.63	18.83	5.61	403.18	521.51
3130.000	291.00	545.99	514.30	505.30	2760.00	520.04	.00	520.59	17.69	5.96	462.76	656.17
3130.000	291.00	545.99	514.30	505.30	4375.00	527.31	.00	527.93	11.68	6.33	691.08	1280.32
3211.000	81.00	.00	.00	506.97	1342.00	515.38	.00	515.58	17.28	3.71	502.97	322.81
3211.000	81.00	.00	.00	506.97	2263.00	518.58	.00	518.83	14.22	4.25	835.74	600.17
3211.000	81.00	.00	.00	506.97	2760.00	520.54	.00	520.79	11.65	4.29	1099.07	808.74
3211.000	81.00	.00	.00	506.97	4375.00	527.94	.00	528.12	5.11	3.85	2954.24	1934.62
* 3611.000	400.00	.00	.00	515.20	1342.00	520.38	520.38	521.68	382.97	9.45	214.47	68.58
* 3611.000	400.00	.00	.00	515.20	2263.00	521.57	521.57	523.17	341.99	10.90	385.78	122.37
* 3611.000	400.00	.00	.00	515.20	2760.00	522.09	522.09	523.82	331.05	11.53	475.89	151.69
3611.000	400.00	.00	.00	515.20	4375.00	528.22	.00	528.61	34.11	6.26	2018.59	749.06
4234.000	623.00	.00	.00	517.20	1342.00	525.71	.00	525.89	26.17	3.89	738.64	262.35
4234.000	623.00	.00	.00	517.20	2263.00	527.48	.00	527.75	30.02	4.88	1091.83	413.04
4234.000	623.00	.00	.00	517.20	2760.00	528.26	.00	528.57	31.75	5.32	1266.68	489.84
4234.000	623.00	.00	.00	517.20	4375.00	530.36	.00	530.79	35.58	6.44	1821.14	733.50
5220.000	986.00	.00	.00	519.30	1342.00	528.38	.00	528.68	29.97	4.67	524.95	245.15
5220.000	986.00	.00	.00	519.30	2263.00	530.49	.00	530.91	33.31	5.76	898.61	392.07
5220.000	986.00	.00	.00	519.30	2760.00	531.41	.00	531.88	34.42	6.20	1110.37	470.43
5220.000	986.00	.00	.00	519.30	4375.00	533.81	.00	534.41	36.87	7.31	1791.20	720.56
5729.000	509.00	.00	.00	525.30	1342.00	531.17	.00	532.26	241.73	8.39	160.03	86.31
5729.000	509.00	.00	.00	525.30	2263.00	533.22	531.80	534.55	189.01	9.30	285.78	164.60
5729.000	509.00	.00	.00	525.30	2760.00	534.09	532.52	535.51	172.05	9.71	407.36	210.42
5729.000	509.00	.00	.00	525.30	4375.00	536.43	.00	537.86	130.42	10.28	959.30	383.09
6174.000	445.00	.00	.00	530.30	1342.00	537.40	.00	537.84	75.25	5.52	386.11	154.70
6174.000	445.00	.00	.00	530.30	2263.00	539.06	.00	539.66	75.39	6.65	623.91	260.63
6174.000	445.00	.00	.00	530.30	2760.00	539.79	.00	540.48	76.25	7.16	753.92	316.08
6174.000	445.00	.00	.00	530.30	4375.00	541.57	.00	542.50	83.63	8.64	1215.32	478.40
6891.000	717.00	.00	.00	531.30	1342.00	540.70	.00	541.02	29.03	4.72	431.42	249.07
6891.000	717.00	.00	.00	531.30	2263.00	542.74	.00	543.24	35.18	6.01	755.67	381.55
6891.000	717.00	.00	.00	531.30	2760.00	543.62	.00	544.19	37.26	6.53	955.64	452.15
6891.000	717.00	.00	.00	531.30	4375.00	545.89	.00	546.62	41.49	7.79	1639.70	679.20
7441.000	550.00	.00	.00	534.10	1342.00	542.51	.00	542.79	35.52	4.39	462.80	225.16
7441.000	550.00	.00	.00	534.10	2263.00	544.75	.00	545.09	31.91	5.08	1090.39	400.59
7441.000	550.00	.00	.00	534.10	2760.00	545.69	.00	546.03	29.68	5.24	1550.52	506.61
7441.000	550.00	.00	.00	534.10	4375.00	548.09	.00	548.44	26.16	5.72	2877.38	855.40

SECNO	XLCH	ELTRD	ELLC	ELHIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
8439.000	998.00	.00	.00	536.05	1342.00	545.59	.00	545.71	24.31	4.01	1393.91	272.18
8439.000	998.00	.00	.00	536.05	2263.00	547.62	.00	547.74	22.05	4.37	2170.71	481.96
8439.000	998.00	.00	.00	536.05	2760.00	548.47	.00	548.60	22.05	4.60	2513.99	587.76
8439.000	998.00	.00	.00	536.05	4375.00	550.74	.00	550.87	22.30	5.20	3568.03	926.55
9438.000	999.00	.00	.00	528.00	1342.00	547.60	.00	547.67	16.05	3.27	1878.93	335.03
9438.000	999.00	.00	.00	538.00	2263.00	549.48	.00	549.55	15.06	3.60	2909.77	583.14
9438.000	999.00	.00	.00	538.00	2760.00	550.33	.00	550.39	14.89	3.76	3404.65	715.36
9438.000	999.00	.00	.00	538.00	4375.00	552.59	.00	552.67	14.67	4.20	4835.81	1142.15
10788.000	1350.00	.00	.00	538.70	1024.00	549.63	.00	549.74	14.37	3.39	998.77	270.10
10788.000	1350.00	.00	.00	538.70	1737.00	551.53	.00	551.66	16.09	4.02	1619.18	433.06
10788.000	1350.00	.00	.00	538.70	2124.00	552.38	.00	552.52	16.61	4.27	1924.49	521.20
10788.000	1350.00	.00	.00	538.70	3390.00	554.68	.00	554.83	17.61	4.90	2921.49	807.81
11713.000	925.00	.00	.00	541.77	1024.00	550.81	.00	550.85	9.94	2.63	1933.37	324.80
11713.000	925.00	.00	.00	541.77	1737.00	552.85	.00	552.90	11.19	3.22	2793.11	519.32
11713.000	925.00	.00	.00	541.77	2124.00	553.75	.00	553.81	11.73	3.48	3204.18	620.06
11713.000	925.00	.00	.00	541.77	3390.00	556.17	.00	556.25	13.28	4.20	4388.61	930.20
12598.000	885.00	.00	.00	544.70	1024.00	552.43	.00	552.97	87.61	6.54	347.97	109.40
12598.000	885.00	.00	.00	544.70	1737.00	554.55	.00	555.18	81.15	7.49	614.29	192.82
12598.000	885.00	.00	.00	544.70	2124.00	555.49	.00	556.16	79.19	7.89	759.16	238.69
12598.000	885.00	.00	.00	544.70	3390.00	558.03	.00	558.77	74.75	8.90	1231.44	392.09
13319.000	721.00	.00	.00	546.30	1024.00	554.42	.00	554.48	8.78	2.39	1682.48	345.64
13319.000	721.00	.00	.00	546.30	1737.00	556.51	.00	556.56	7.94	2.66	3012.15	616.52
13319.000	721.00	.00	.00	546.30	2124.00	557.45	.00	557.51	7.68	2.78	3680.35	766.38
13319.000	721.00	.00	.00	546.30	3390.00	560.00	.00	560.06	7.26	3.12	5680.80	1257.73
13875.000	556.00	.00	.00	547.54	1024.00	555.14	.00	555.43	31.34	4.31	237.83	182.91
13875.000	556.00	.00	.00	547.54	1737.00	557.02	.00	557.10	11.49	3.04	2524.90	512.36
13875.000	556.00	.00	.00	547.54	2124.00	557.94	.00	558.02	10.82	3.15	3145.82	645.73
13875.000	556.00	.00	.00	547.54	3390.00	560.45	.00	560.53	9.62	3.45	5040.48	1093.12
13902.000	27.00	555.48	555.04	547.54	1024.00	555.80	.00	555.83	12.56	1.95	1759.76	288.95
13902.000	27.00	555.48	555.04	547.54	1737.00	557.14	.00	557.18	15.89	2.44	2601.92	435.81
13902.000	27.00	555.48	555.04	547.54	2124.00	558.02	.00	558.06	14.95	2.52	3196.94	549.27
13902.000	27.00	555.48	555.04	547.54	3390.00	560.52	.00	560.56	12.73	2.69	5092.19	950.26
14042.000	140.00	.00	.00	547.82	1024.00	555.94	.00	555.99	8.84	2.40	1676.28	344.46
14042.000	140.00	.00	.00	547.82	1737.00	557.31	.00	557.39	11.44	3.04	2530.07	513.57
14042.000	140.00	.00	.00	547.82	2124.00	558.18	.00	558.26	11.05	3.17	3113.90	638.83
14042.000	140.00	.00	.00	547.82	3390.00	560.65	.00	560.73	9.90	3.48	4976.72	1077.30
15031.000	989.00	.00	.00	549.80	727.00	557.23	.00	557.42	34.82	3.68	396.90	123.20
15031.000	989.00	.00	.00	549.80	1242.00	558.86	.00	559.07	32.78	4.21	843.35	216.92
15031.000	989.00	.00	.00	549.80	1525.00	559.64	.00	559.83	28.65	4.20	1352.52	284.89
15031.000	989.00	.00	.00	549.80	2454.00	561.85	.00	561.97	17.79	3.88	3121.01	581.85

SEONO	XLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRINS	EG	10K'S	VCH	AREA	.01K
15367.000	336.00	.00	.00	531.08	727.00	558.04	.00	558.12	13.44	2.55	866.03	198.33
15367.000	336.00	.00	.00	531.08	1242.00	559.63	.00	559.70	11.49	2.72	1773.38	366.42
15367.000	336.00	.00	.00	531.08	1525.00	560.34	.00	560.41	10.93	2.81	2197.10	461.19
15367.000	336.00	.00	.00	531.08	2454.00	562.35	.00	562.41	9.66	3.03	3468.96	789.49
15967.000	600.00	.00	.00	533.38	727.00	559.32	.00	559.64	50.17	4.55	159.64	102.64
15967.000	600.00	.00	.00	533.38	1242.00	560.75	.00	561.34	67.70	6.17	201.21	150.95
15967.000	600.00	.00	.00	533.38	1525.00	561.38	.00	562.13	76.46	6.95	219.42	174.40
15967.000	600.00	.00	.00	533.38	2454.00	563.08	.00	564.38	100.74	9.13	268.72	244.49
15968.000	1.00	563.64	572.00	533.38	727.00	559.33	.00	559.65	21.59	4.53	160.45	156.47
15968.000	1.00	563.64	572.00	533.38	1242.00	560.75	.00	561.35	30.65	6.24	199.17	224.33
15968.000	1.00	563.64	572.00	533.38	1525.00	561.37	.00	562.15	35.27	7.06	215.99	256.77
15968.000	1.00	563.64	572.00	533.38	2454.00	562.95	.00	564.53	155.10	10.10	243.03	197.05
16008.000	40.00	563.64	572.00	533.38	727.00	559.42	.00	559.73	20.40	4.45	163.21	160.97
16008.000	40.00	563.64	572.00	533.38	1242.00	560.90	.00	561.48	28.76	6.12	203.02	231.60
16008.000	40.00	563.64	572.00	533.38	1525.00	561.55	.00	562.29	32.85	6.91	220.64	266.06
16008.000	40.00	563.64	572.00	533.38	2454.00	563.57	.00	565.15	155.02	10.10	243.07	197.09
16009.000	1.00	.00	.00	533.39	727.00	559.43	.00	559.74	47.32	4.47	162.46	105.69
16009.000	1.00	.00	.00	533.39	1242.00	560.92	.00	561.49	62.70	6.03	205.89	156.85
16009.000	1.00	.00	.00	533.39	1525.00	561.60	.00	562.31	69.92	6.77	225.39	182.38
16009.000	1.00	.00	.00	533.39	2454.00	565.57	.00	565.62	6.45	2.71	4133.80	966.56
16159.000	150.00	.00	.00	534.36	727.00	560.22	.00	560.37	32.70	3.51	445.81	127.14
16159.000	150.00	.00	.00	534.36	1242.00	562.02	.00	562.14	22.07	3.49	1258.73	264.40
16159.000	150.00	.00	.00	534.36	1525.00	562.86	.00	562.96	17.93	3.39	1743.89	360.17
16159.000	150.00	.00	.00	534.36	2454.00	565.68	.00	565.74	9.44	3.00	3502.58	798.61
16401.000	242.00	.00	.00	535.93	727.00	561.50	.00	562.04	181.17	8.11	290.52	54.01
16401.000	242.00	.00	.00	535.93	1242.00	562.91	.00	563.30	132.03	8.08	716.98	108.09
16401.000	242.00	.00	.00	535.93	1525.00	563.59	.00	563.90	105.60	7.71	999.60	148.40
16401.000	242.00	.00	.00	535.93	2454.00	566.06	.00	566.17	39.84	5.74	2400.18	388.79
16761.000	360.00	.00	.00	538.11	727.00	564.17	.00	564.29	28.70	2.75	264.01	135.71
16761.000	360.00	.00	.00	538.11	1242.00	565.20	.00	565.35	29.64	3.26	759.27	228.14
16761.000	360.00	.00	.00	538.11	1525.00	565.65	.00	565.82	30.86	3.53	947.97	274.53
16761.000	360.00	.00	.00	538.11	2454.00	567.19	.00	567.36	26.69	3.87	1732.58	474.99
16772.000	11.00	566.29	563.78	538.12	727.00	564.42	.00	564.54	28.21	2.69	270.27	136.88
16772.000	11.00	566.29	563.78	538.12	1242.00	566.11	.00	566.28	26.02	3.25	381.83	243.48
16772.000	11.00	566.29	563.78	538.12	1525.00	566.83	.00	566.91	14.62	2.64	1514.70	398.84
16772.000	11.00	566.29	563.78	538.12	2454.00	567.77	.00	567.90	20.39	3.41	2074.76	543.39
16863.000	91.00	.00	.00	538.24	727.00	564.76	.00	564.98	71.00	5.66	553.25	86.28
16863.000	91.00	.00	.00	538.24	1242.00	566.46	.00	566.59	43.09	5.17	1267.65	189.21
16863.000	91.00	.00	.00	538.24	1525.00	567.02	.00	567.14	40.71	5.26	1568.51	239.01
16863.000	91.00	.00	.00	538.24	2454.00	568.04	.00	568.18	49.81	6.27	2181.39	347.70

US 421

Loves Creek

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
510.000	1342.00	490.06	.00	.00	-4.94	50.09	.00
510.000	2263.00	491.79	1.73	.00	-3.21	52.52	.00
510.000	2760.00	492.63	.84	.00	-2.37	53.71	.00
510.000	4375.00	494.89	2.26	.00	-.11	56.88	.00
2145.000	1342.00	511.00	.00	20.94	.00	97.92	1635.00
2145.000	2263.00	512.47	1.47	20.68	.00	126.04	1635.00
2145.000	2760.00	513.14	.67	20.51	.00	151.35	1635.00
2145.000	4375.00	515.05	1.92	20.17	.00	208.33	1635.00
2228.200	1342.00	511.78	.00	.78	.00	116.42	83.20
2228.200	2263.00	513.24	1.46	.76	.00	152.12	83.20
2228.200	2760.00	513.90	.66	.76	.00	168.23	83.20
2228.200	4375.00	515.77	1.88	.72	.00	239.09	83.20
2327.000	1342.00	512.85	.00	1.07	.00	140.43	98.80
2327.000	2263.00	514.62	1.77	1.39	.00	192.11	98.80
2327.000	2760.00	515.42	.80	1.53	.00	222.47	98.80
2327.000	4375.00	517.48	2.05	1.70	.00	277.18	98.80
2342.000	1342.00	513.61	.00	.76	.00	159.14	15.00
2342.000	2263.00	514.85	1.24	.23	.00	200.96	15.00
2342.000	2760.00	515.61	.76	.19	.00	229.56	15.00
2342.000	4375.00	517.74	2.14	.27	.00	283.20	15.00
2367.700	1342.00	513.70	.00	.03	.00	160.61	25.70
2367.700	2263.00	514.96	1.27	.11	.00	204.14	25.70
2367.700	2760.00	515.71	.75	.10	.00	232.55	25.70
2367.700	4375.00	517.82	2.10	.07	.00	284.36	25.70
2519.000	1342.00	514.18	.00	.49	.00	98.15	151.30
2519.000	2263.00	515.71	1.52	.75	.00	105.86	151.30
2519.000	2760.00	516.49	.78	.78	.00	116.65	151.30
2519.000	4375.00	518.56	2.06	.74	.00	147.10	151.30
2839.000	1342.00	514.61	.00	.43	.00	31.40	320.00
2839.000	2263.00	516.34	1.73	.63	.00	31.40	320.00
2839.000	2760.00	517.18	.84	.69	.00	31.40	320.00
2839.000	4375.00	519.37	2.19	.81	.00	31.40	320.00
3130.000	1342.00	515.12	.00	.51	.00	31.40	291.00
3130.000	2263.00	518.14	3.02	1.80	.00	31.40	291.00
3130.000	2760.00	520.04	1.90	2.86	.00	31.40	291.00
3130.000	4375.00	527.31	7.27	7.94	.00	31.40	291.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKUS	TOPWID	XLCH
3211.000	1342.00	515.38	.00	.26	.00	94.69	81.00
3211.000	2263.00	518.58	3.20	.44	.00	119.67	81.00
3211.000	2760.00	520.54	1.96	.50	.00	148.64	81.00
3211.000	4375.00	527.94	7.40	.63	.00	333.38	81.00
*	3611.000	520.38	.00	5.00	.00	125.12	400.00
*	3611.000	521.57	1.19	2.99	.00	163.58	400.00
*	3611.000	522.09	.52	1.55	.00	180.52	400.00
	3611.000	528.22	6.13	.28	.00	297.50	400.00
4234.000	1342.00	525.71	.00	5.33	.00	179.76	623.00
4234.000	2263.00	527.48	1.77	5.91	.00	216.59	623.00
4234.000	2760.00	528.26	.78	6.17	.00	234.88	623.00
4234.000	4375.00	530.36	2.10	2.14	.00	295.45	623.00
5220.000	1342.00	528.38	.00	2.67	.00	138.95	986.00
5220.000	2263.00	530.49	2.11	3.01	.00	215.05	986.00
5220.000	2760.00	531.41	.92	3.14	.00	247.95	986.00
5220.000	4375.00	533.81	2.41	3.45	.00	315.79	986.00
5729.000	1342.00	531.17	.00	2.79	.00	37.75	509.00
5729.000	2263.00	533.22	2.05	2.73	.00	113.41	509.00
5729.000	2760.00	534.09	.87	2.68	.00	165.90	509.00
5729.000	4375.00	536.43	2.35	2.62	.00	291.76	509.00
6174.000	1342.00	537.40	.00	6.24	.00	137.23	445.00
6174.000	2263.00	539.06	1.66	5.84	.00	162.27	445.00
6174.000	2760.00	539.79	.75	5.70	.00	192.89	445.00
6174.000	4375.00	541.57	1.78	5.13	.00	354.71	445.00
6891.000	1342.00	540.70	.00	3.29	.00	111.05	717.00
6891.000	2263.00	542.74	2.04	3.68	.00	206.25	717.00
6891.000	2760.00	543.62	.88	3.83	.00	247.36	717.00
6891.000	4375.00	545.89	2.27	4.32	.00	356.09	717.00
7441.000	1342.00	542.51	.00	1.81	.00	114.58	550.00
7441.000	2263.00	544.75	2.24	2.01	.00	476.32	550.00
7441.000	2760.00	545.69	.94	2.07	.00	503.94	550.00
7441.000	4375.00	548.09	2.40	2.20	.00	619.60	550.00
8439.000	1342.00	545.59	.00	3.08	.00	372.73	998.00
8439.000	2263.00	547.62	2.03	2.87	.00	395.42	998.00
8439.000	2760.00	548.47	.85	2.78	.00	419.14	998.00
8439.000	4375.00	550.74	2.26	2.64	.00	512.72	998.00
9438.000	1342.00	547.60	.00	2.01	.00	512.58	999.00
9438.000	2263.00	549.48	1.88	1.86	.00	579.85	999.00
9438.000	2760.00	550.33	.84	1.85	.00	604.51	999.00
9438.000	4375.00	552.59	2.27	1.86	.00	659.49	999.00

SECTO	Q	CMSEL	DIFWSP	DIFWSX	DIFKWS	TOPUID	XLCH
10788.000	1024.00	549.63	.00	2.03	.00	307.94	1350.00
10788.000	1737.00	551.53	1.90	2.05	.00	344.89	1350.00
10788.000	2124.00	552.38	.85	2.06	.00	382.38	1350.00
10788.000	3390.00	554.68	2.29	2.08	.00	476.61	1350.00
11713.000	1024.00	550.81	.00	1.17	.00	395.09	925.00
11713.000	1737.00	552.85	2.04	1.32	.00	445.17	925.00
11713.000	2124.00	553.75	.90	1.37	.00	464.03	925.00
11713.000	3390.00	556.17	2.42	1.49	.00	524.17	925.00
12598.000	1024.00	552.43	.00	1.62	.00	105.99	885.00
12598.000	1737.00	554.55	2.12	1.70	.00	145.09	885.00
12598.000	2124.00	555.49	.94	1.74	.00	162.47	885.00
12598.000	3390.00	558.03	2.53	1.86	.00	211.08	885.00
13319.000	1024.00	554.42	.00	2.00	.00	571.72	721.00
13319.000	1737.00	556.51	2.08	1.96	.00	688.81	721.00
13319.000	2124.00	557.45	.94	1.96	.00	732.60	721.00
13319.000	3390.00	560.00	2.55	1.97	.00	824.31	721.00
13875.000	1024.00	555.14	.00	.72	.00	33.00	556.00
13875.000	1737.00	557.02	1.88	.52	.00	655.01	556.00
13875.000	2124.00	557.94	.92	.49	.00	697.79	556.00
13875.000	3390.00	560.45	2.51	.45	.00	804.82	556.00
13902.000	1024.00	555.80	.00	.66	.00	586.13	27.00
13902.000	1737.00	557.14	1.34	.12	.00	660.52	27.00
13902.000	2124.00	558.02	.87	.07	.00	701.24	27.00
13902.000	3390.00	560.52	2.50	.07	.00	806.43	27.00
14042.000	1024.00	555.94	.00	.13	.00	570.56	140.00
14042.000	1737.00	557.31	1.38	.17	.00	655.38	140.00
14042.000	2124.00	558.18	.86	.16	.00	695.66	140.00
14042.000	3390.00	560.65	2.47	.14	.00	802.86	140.00
15031.000	727.00	557.23	.00	1.29	.00	200.53	989.00
15031.000	1242.00	558.86	1.63	1.55	.00	509.09	989.00
15031.000	1525.00	559.64	.78	1.47	.00	733.63	989.00
15031.000	2454.00	561.85	2.21	1.20	.00	837.06	989.00
15367.000	727.00	558.04	.00	.81	.00	552.83	336.00
15367.000	1242.00	559.63	1.59	.77	.00	589.35	336.00
15367.000	1525.00	560.34	.71	.70	.00	605.65	336.00
15367.000	2454.00	562.35	2.00	.49	.00	689.54	336.00
15967.000	727.00	559.32	.00	1.27	.00	29.00	600.00
15967.000	1242.00	560.75	1.43	1.12	.00	29.00	600.00
15967.000	1525.00	561.38	.63	1.04	.00	29.00	600.00
15967.000	2454.00	563.08	1.70	.73	.00	29.00	600.00

SECNO	Q	CWSEL	DIFUSP	DIFUSX	DIFKUS	TOPWID	XLCH
15968.000	727.00	559.33	.00	.07	.00	29.00	1.00
15968.000	1242.00	560.75	1.42	.00	.00	29.00	1.00
15968.000	1525.00	561.37	.62	.01	.00	29.00	1.00
15968.000	2454.00	562.95	1.58	-.13	.00	29.00	1.00
16008.000	727.00	559.42	.00	.10	.00	29.00	40.00
16008.000	1242.00	560.90	1.42	.15	.00	29.00	40.00
16008.000	1525.00	561.55	.65	.18	.00	29.00	40.00
16008.000	2454.00	563.57	2.02	.62	.00	29.00	40.00
16009.000	727.00	559.43	.00	.00	.00	29.00	1.00
16009.000	1242.00	560.92	1.50	.03	.00	29.00	1.00
16009.000	1525.00	561.60	.67	.04	.00	29.00	1.00
16009.000	2454.00	565.57	3.97	2.00	.00	764.00	1.00
16159.000	727.00	560.22	.00	.79	.00	188.72	150.00
16159.000	1242.00	562.02	1.81	1.10	.00	568.92	150.00
16159.000	1525.00	562.86	.84	1.27	.00	588.20	150.00
16159.000	2454.00	565.68	2.81	.11	.00	693.50	150.00
16401.000	727.00	561.50	.00	1.29	.00	197.29	242.00
16401.000	1242.00	562.91	1.40	.88	.00	379.81	242.00
16401.000	1525.00	563.59	.68	.72	.00	447.11	242.00
16401.000	2454.00	566.06	2.47	.38	.00	672.35	242.00
16761.000	727.00	564.17	.00	2.66	.00	66.00	360.00
16761.000	1242.00	565.20	1.03	2.30	.00	390.61	360.00
16761.000	1525.00	565.65	.45	2.07	.00	435.59	360.00
16761.000	2454.00	567.19	1.54	1.13	.00	586.72	360.00
16772.000	727.00	564.42	.00	.26	.00	66.00	11.00
16772.000	1242.00	566.11	1.69	.91	.00	66.00	11.00
16772.000	1525.00	566.83	.72	1.18	.00	550.78	11.00
16772.000	2454.00	567.77	.94	.58	.00	643.16	11.00
16863.000	727.00	564.76	.00	.33	.00	334.69	91.00
16863.000	1242.00	566.46	1.71	.35	.00	502.68	91.00
16863.000	1525.00	567.02	.56	.19	.00	558.51	91.00
16863.000	2454.00	568.04	1.02	.27	.00	657.75	91.00

THIS RUN EXECUTED 06-21-89 11:32:25

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

C										
T1	Hayes, Seay, Mattern & Mattern					Chatham Co. NC F				
T2	Filename: LOVE.HEC		Eng: JYL			ET: CMC		Comm. No. 2364A		
T3	Loves Creek		Date: 6/21/89			100-Year Event				
J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.012720	.00	.0	0.	495.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.070	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4870.000	.525	4960.000	.315	4966.100	.068	5024.700	.285
NH	5090.000	.525	5360.000	1.500	5964.690	.000	.000	.000	.000	.000
QT	7.000	1342.000	2263.000	2760.000	4375.000	2760.000	611.000	1007.000	.000	.300
ET	.000	.000	.000	.000	.000	5.410	.300	.000	.000	.000

=====
 ===== HEC-2 Input file created with CodeH2 =====
 ===== Version: 3.65 =====
 ===== CodeH2 Copyrighted 1986, 1987, 1988, 1989 =====
 ===== Run Date: Wednesday June 21, 1989 =====
 ===== Run Time: 11:32:19 =====
 =====

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 The Following Options Have Been Activated :
 1. FLOODWAY Option.
 2. EXISTING Option.
 =====

Cross Section A

X1	510.000	39.000	4966.100	5024.700	510.000	510.000	510.000	.000	.000	.000
GR	543.500	4722.470	540.000	4736.240	536.000	4773.080	532.000	4789.770	528.000	4840.980
GR	524.000	4860.070	520.000	4869.910	519.980	4870.000	516.000	4885.880	512.000	4905.140
GR	508.000	4923.200	500.000	4949.220	497.460	4960.000	496.020	4966.100	496.000	4966.180
GR	486.700	4974.000	485.800	4982.000	484.800	4992.000	484.400	4998.000	483.500	5005.000
GR	484.800	5008.000	485.800	5009.000	487.300	5017.000	489.600	5021.000	496.000	5024.630

GR	496.010	5024.700	500.000	5068.270	501.320	5090.000	505.500	5159.050	512.000	5195.360
GR	516.000	5233.720	520.000	5287.730	524.000	5336.660	525.570	5340.000	526.800	5378.400
GR	528.000	5415.090	532.000	5559.600	536.000	5738.720	540.000	5964.690	.000	.000
NH	7.000	1.500	4770.000	.525	4870.000	.315	4974.000	.068	5021.000	.285
NH	5220.000	.525	5345.000	1.500	5543.950	.000	.000	.000	.000	.000
Cross Section B										
X1	2145.000	35.000	4974.000	5021.000	1635.000	1635.000	1635.000	.000	.000	.000
GR	544.600	4624.160	540.000	4643.640	538.500	4670.690	536.000	4692.350	532.000	4729.580
GR	528.000	4752.810	524.000	4762.310	522.500	4770.000	520.000	4782.840	516.000	4813.940
GR	513.550	4870.000	513.400	4873.470	512.000	4918.990	508.000	4937.540	508.000	4974.000
GR	507.100	4982.000	506.100	4992.000	505.700	4998.000	504.800	5005.000	506.100	5008.000
GR	507.100	5009.000	508.600	5017.000	510.900	5021.000	515.100	5044.140	518.600	5208.110
GR	519.720	5220.000	520.000	5223.020	524.000	5244.610	528.000	5267.070	532.000	5298.490
GR	536.000	5310.680	537.070	5345.000	539.900	5436.250	540.000	5487.200	548.500	5543.950
NH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.000	.195
NH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000	.000	.000
X1	2228.200	38.000	4989.300	5014.000	83.200	83.200	83.200	.000	.000	.000
GR	539.910	4664.180	535.910	4737.830	531.910	4760.720	529.630	4780.000	527.910	4794.590
GR	523.910	4808.480	519.910	4823.690	515.910	4849.890	514.310	4880.000	509.840	4963.990
GR	509.840	4964.000	506.800	4988.990	506.800	4989.990	506.790	4989.010	506.760	4989.290
GR	506.760	4989.300	506.760	4989.310	506.740	4989.400	504.880	5000.000	506.760	5013.980
GR	506.760	5013.990	506.760	5014.000	5014.010	5014.010	506.830	5014.400	506.840	5014.490
GR	506.850	5014.500	511.860	5044.490	511.860	5044.500	513.910	5056.020	515.910	5094.070
GR	519.910	5157.290	520.240	5170.000	523.310	5290.000	523.910	5313.330	527.910	5317.600
GR	531.910	5340.920	535.910	5361.330	539.910	5481.390	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.000	.195
NH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000	.000	.000
X1	2327.000	38.000	4989.300	5014.000	98.800	98.800	98.800	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	540.000	4664.180	536.000	4737.830	532.000	4760.720	529.720	4780.000	511.700	4794.590
GR	524.000	4808.480	520.000	4823.690	516.000	4849.890	514.400	4880.000	528.000	4963.990
GR	509.930	4964.000	506.890	4988.990	506.890	4989.000	506.880	4989.010	509.930	4989.290
GR	506.850	4989.300	506.850	4989.310	506.830	4989.400	504.970	5000.000	506.850	5013.980
GR	506.850	5013.990	506.850	5014.000	5014.010	5014.010	506.920	5014.400	506.930	5014.490
GR	506.940	5014.500	511.950	5044.490	511.950	5044.500	514.000	5056.020	516.000	5094.070
GR	520.000	5157.290	520.330	5170.000	523.400	5290.000	524.000	5313.330	528.000	5317.600
GR	532.000	5340.920	536.000	5361.330	540.000	5481.390	.000	.000	.000	.000
SB	1.250	1.980	2.500	.000	20.160	.000	99.900	.010	504.970	504.970
NH	7.000	1.500	4780.000	.525	4880.000	.315	4989.300	.063	5014.500	.195
NH	5170.000	.525	5290.000	1.500	5481.390	.000	.000	.000	.000	.000

TREATMENT PLANT RD. BR.

GR	511.250	5040.000	513.310	5050.000	520.000	5082.470	523.430	5140.000	524.000	5149.550
GR	528.000	5184.140	532.000	5198.360	532.490	5199.990	532.490	5200.000	532.490	5200.010
GR	536.000	5211.770	539.710	5226.790	540.000	5227.950	550.000	5328.710	550.000	5928.210
NH	7.000	1.500	4785.000	.525	4960.000	.285	4978.000	.063	5022.000	.285
NH	5050.000	.525	5140.000	1.500	5928.210	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	7.110	4960.000	5060.000	.000	.000
X1	3211.000	55.000	4978.000	5022.000	81.000	81.000	81.000	.000	.000	.000
GR	551.670	4561.260	544.620	4703.340	542.670	4742.560	541.670	4770.740	541.180	4773.210
GR	538.850	4785.000	537.670	4790.980	536.310	4799.990	536.310	4800.000	536.310	4800.010
GR	533.670	4817.450	529.670	4832.200	525.670	4840.550	522.570	4900.000	521.670	4917.170
GR	517.670	4956.790	511.620	4958.000	511.020	4978.000	507.920	4981.000	507.510	4984.300
GR	507.510	4984.310	507.420	4985.000	507.290	4989.300	507.140	4994.290	507.140	4994.300
GR	507.120	4995.000	507.120	4995.010	506.970	4999.970	506.970	4999.980	506.970	4999.990
GR	507.120	5004.990	507.120	5005.000	507.140	5005.700	507.140	5005.710	507.290	5010.700
GR	507.420	5015.000	507.800	5015.690	507.810	5015.700	507.970	5016.000	510.420	5022.000
GR	512.920	5040.000	514.980	5050.000	521.670	5082.470	525.100	5140.000	525.670	5149.550
GR	529.670	5184.140	533.670	5198.360	534.160	5199.990	534.160	5200.000	534.160	5200.010
GR	537.670	5211.770	541.380	5226.790	541.670	5227.950	551.670	5328.710	551.670	5928.210
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4810.000	.525	4910.000	.285	4980.500	.068	5019.500	.285
NH	5170.000	.525	5305.000	1.500	5376.060	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	5.410	.000	.000	.000	.000

Cross Section B-1

X1	3611.000	27.000	4980.500	5019.500	400.000	400.000	400.000	.000	.000	.000
GR	550.000	4514.080	540.000	4751.450	536.000	4779.460	532.000	4804.390	531.310	4810.000
GR	528.000	4836.850	524.000	4861.130	521.600	4910.000	520.000	4942.680	519.000	4980.500
GR	517.700	4987.500	517.000	4999.500	516.000	5000.500	515.200	5002.500	515.400	5010.500
GR	516.000	5011.500	517.000	5012.500	518.200	5019.500	520.000	5055.440	524.000	5103.370
GR	528.000	5131.440	532.000	5151.390	536.000	5166.970	536.510	5170.000	540.000	5190.750
GR	546.170	5305.000	550.000	5376.060	.000	.000	.000	.000	.000	.000
NH	7.000	1.500	4810.000	.525	4910.000	.285	4980.500	.068	5019.500	.285
NH	5170.000	.525	5305.000	1.500	5658.580	.000	.000	.000	.000	.000

Cross Section C

X1	4234.000	40.000	4980.500	5019.500	623.000	623.000	623.000	.000	.000	.000
GR	552.300	4607.370	550.000	4645.220	548.300	4655.780	545.800	4706.440	540.400	4753.130
GR	540.000	4782.230	536.000	4798.950	534.440	4810.000	532.000	4827.240	528.000	4877.480
GR	524.320	4910.000	524.000	4912.790	520.000	4953.520	522.300	4960.500	521.000	4980.500
GR	519.700	4987.500	519.000	4999.500	518.000	5000.500	517.200	5002.500	517.400	5010.500
GR	518.000	5011.500	519.000	5012.500	520.200	5019.500	520.800	5049.500	524.000	5057.270
GR	528.000	5104.590	531.800	5166.940	531.810	5170.000	532.000	5230.430	535.400	5272.770
GR	535.900	5305.000	536.000	5311.440	540.000	5349.530	544.000	5384.380	546.500	5422.400
GR	548.700	5475.390	548.700	5521.770	546.300	5570.380	547.700	5618.720	550.000	5658.580

NH	7.000	1.500	4775.000	.525	4900.000	.315	4970.000	.068	5014.000	.330
NH	5200.000	.525	5390.000	1.500	5650.900	.000	.000	.000	.000	.000

Cross Section E

X1	7441.000	35.000	4970.000	5014.000	550.000	550.000	550.000	.000	.000	.000
GR	562.800	4678.380	560.000	4700.700	559.600	4741.320	558.410	4775.000	558.100	4783.910
GR	556.300	4821.410	556.000	4845.430	552.000	4861.880	548.000	4883.860	546.630	4900.000
GR	544.000	4931.010	540.010	4970.000	540.000	4970.060	537.200	4992.000	536.300	4986.000
GR	534.800	4991.000	534.100	4998.000	534.300	5005.000	534.800	5009.000	537.900	5014.000
GR	538.000	5034.000	543.600	5066.420	543.600	5096.360	543.500	5169.480	543.580	5200.000
GR	543.700	5244.570	543.900	5323.660	544.000	5385.460	544.260	5390.000	547.000	5438.320
GR	548.000	5502.300	552.000	5530.490	556.000	5597.710	560.000	5628.980	566.700	5650.900
NH	6.000	1.500	4690.000	.525	4870.000	.270	4991.000	.066	5009.000	.315
NH	5350.000	.525	5526.530	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	7.110	4920.000	5200.000	.000	.000

Cross Section E-1

X1	8439.000	22.000	4991.000	5009.000	998.000	998.000	998.000	.000	.000	.000
GR	560.000	4587.130	556.980	4690.000	556.000	4723.250	552.000	4776.740	549.260	4870.000
GR	548.000	4913.040	544.000	4938.870	540.450	4991.000	536.950	4993.000	536.150	4994.000
GR	536.450	4998.000	536.050	5007.000	536.750	5008.000	540.450	5009.000	540.000	5015.750
GR	540.500	5054.150	544.000	5293.690	548.000	5312.720	552.000	5341.880	552.680	5350.000
GR	556.000	5389.980	560.000	5526.530	.000	.000	.000	.000	.000	.000
NH	7.000	1.500	4690.000	.525	4870.000	.270	4991.000	.066	5009.000	.315
NH	5350.000	.525	5530.000	1.500	5634.910	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000

Cross Section F

X1	9438.000	35.000	4991.000	5009.000	999.000	999.000	999.000	.000	.000	.000
GR	565.700	4482.050	560.000	4518.200	559.900	4553.090	559.900	4616.810	559.600	4677.540
GR	559.220	4690.000	558.100	4726.530	556.000	4752.730	552.000	4783.500	550.000	4817.190
GR	548.190	4870.000	548.000	4875.580	546.600	4908.910	544.000	4943.450	541.700	4978.000
GR	542.400	4991.000	538.900	4993.000	538.100	4994.000	538.400	4998.000	538.000	5007.000
GR	538.700	5008.000	542.400	5009.000	542.500	5029.000	544.000	5069.480	543.900	5186.290
GR	543.600	5271.290	544.000	5336.010	544.820	5350.000	548.000	5404.490	552.000	5424.920
GR	556.000	5516.680	556.970	5530.000	558.800	5555.080	560.000	5596.500	561.600	5634.910
NH	7.000	1.500	4560.000	.525	4790.000	.270	4991.000	.066	5009.000	.315
NH	5040.000	.525	5100.000	1.500	5192.470	.000	.000	.000	.000	.000
QT	7.000	1074.000	1737.000	2124.000	3390.000	2124.000	461.000	767.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

Cross Section G

X1	10788.000	31.000	4991.000	5009.000	1350.000	1350.000	1350.000	-0.00	555.690	4560.000
GR	562.100	4404.400	560.000	4422.580	558.000	4495.290	556.000	4531.410	548.000	4789.750
GR	555.600	4567.760	552.700	4645.400	552.000	4690.940	549.100	4738.780	549.000	4978.000
GR	548.000	4790.000	547.500	4840.770	547.600	4921.580	544.000	4963.920	542.400	5007.000
GR	543.100	4991.000	539.600	4993.000	538.800	4994.000	539.100	4998.000	538.700	5007.000
GR	539.400	5008.000	543.100	5009.000	543.200	5029.000	548.000	5033.200	550.310	5040.000
GR	552.000	5044.970	556.000	5091.040	557.350	5100.000	558.800	5120.290	560.000	5156.400
GR	562.800	5192.470	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.500	4774.000	.525	4930.000	.330	4992.500	.066	5008.500	.315
NH	5075.000	.525	5200.000	1.500	5287.680	.000	.000	.000	.000	.000

Cross Section G-1

X1	11713.000	23.000	4992.500	5008.500	925.000	925.000	925.000	-0.00	551.530	4740.000
GR	560.000	4391.260	559.000	4517.060	556.000	4672.650	552.000	4730.070	551.530	4740.000
GR	548.000	4815.440	544.000	4893.330	544.000	4919.330	544.000	4930.000	544.000	4963.220
GR	542.670	4992.500	541.870	4993.500	542.170	4997.500	541.770	5006.500	542.470	5007.590
GR	546.170	5008.500	544.000	5025.300	545.830	5075.000	546.000	5133.900	552.000	5157.590
GR	556.000	5183.590	555.630	5200.000	560.000	5287.680	.000	.000	.000	.000
NH	7.000	1.500	4774.000	.525	4930.000	.330	4991.000	.066	5009.000	.315
NH	5075.000	.525	5200.000	1.500	5406.230	.000	.000	.000	.000	.000

Cross Section H

X1	12598.000	39.000	4991.000	5009.000	885.000	885.000	885.000	-0.00	571.900	4405.970
GR	574.700	4139.350	572.000	4175.580	570.700	4240.430	571.900	4327.370	571.900	4405.970
GR	571.500	4498.310	572.000	4525.900	572.600	4621.760	572.000	4659.100	568.000	4682.690
GR	566.480	4740.000	564.000	4833.950	560.000	4856.940	556.000	4889.690	553.280	4930.000
GR	552.000	4948.900	548.000	4977.260	548.400	4978.000	549.100	4991.000	545.600	4993.000
GR	544.800	4994.000	545.100	4998.000	544.700	5007.000	545.400	5008.000	549.100	5009.000
GR	549.200	5029.000	552.000	5046.920	556.000	5061.440	557.210	5075.000	560.000	5106.270
GR	564.000	5121.700	567.500	5153.250	568.000	5195.160	568.000	5200.000	568.000	5226.710
GR	567.500	5262.940	568.000	5311.310	572.000	5367.870	578.000	5406.230	.000	.000
NH	7.000	1.500	4770.000	.525	4875.000	.330	4983.500	.072	5016.500	.315
NH	5180.000	.525	5355.000	1.500	5650.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	8.410	.000	.000	.000	.000
X1	13319.000	54.000	4983.500	5016.500	721.000	721.000	721.000	-0.00	.000	.000
GR	570.760	4175.000	570.760	4280.000	570.760	4305.950	566.760	4380.870	564.150	4460.000
GR	562.760	4502.280	558.760	4577.410	556.200	4610.000	554.760	4628.390	553.700	4700.000
GR	552.510	4780.000	551.110	4875.000	550.000	4950.000	549.990	4950.500	547.590	4979.990
GR	547.590	4980.000	547.500	4980.010	547.340	4983.000	547.340	4983.000	547.330	4983.100
GR	547.300	4983.500	547.120	4984.500	547.020	4985.500	546.390	4992.480	546.390	4992.490
GR	546.300	4993.480	546.300	4993.490	546.300	4993.500	546.680	5005.480	546.680	5005.490
GR	546.710	5006.490	546.710	5006.500	547.000	5015.900	547.000	5015.990	547.000	5016.000
GR	547.020	5016.500	547.070	5016.990	547.070	5017.000	547.070	5017.010	549.950	5047.000
GR	550.000	5047.500	553.350	5180.000	554.760	5235.640	555.480	5260.000	557.400	5325.000
GR	558.290	5355.000	558.760	5371.050	562.760	5395.070	565.520	5435.000	566.760	5452.840
GR	567.530	5470.000	570.760	5541.640	570.760	5550.000	570.760	5650.000	.000	.000

Southern Railroad

X1	16772.000	49.000	4965.500	5031.500	11.000	11.000	11.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X2	.000	.000	1.000	563.780	566.290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-49.000	4642.470	572.060	572.040	4665.000	569.660	569.640	4679.970	568.060	568.380	4679.970	568.060	568.040	568.040	568.040	568.040
BT	.000	4808.370	567.270	564.040	4830.000	567.140	563.940	4937.500	566.530	563.420	4965.500	566.290	563.090	563.090	563.090	563.090
BT	.000	4937.750	566.530	563.420	4965.490	566.290	563.090	4965.500	566.290	563.730	4978.980	566.310	566.310	566.310	566.310	566.310
BT	.000	4965.510	566.290	563.730	4985.750	566.290	563.730	4978.980	566.310	563.310	4979.990	566.310	566.310	566.310	566.310	566.310
BT	.000	4978.990	566.310	560.770	4979.750	566.310	560.640	4979.990	566.310	563.770	4991.980	566.330	566.330	566.330	566.330	566.330
BT	.000	4980.000	566.310	563.750	4991.980	566.330	563.770	4993.000	566.330	559.750	4993.000	566.330	566.330	566.330	566.330	566.330
BT	.000	4992.750	566.330	559.770	4992.990	566.330	563.770	4993.000	566.330	563.770	4996.750	566.330	566.330	566.330	566.330	566.330
BT	.000	4995.700	566.330	563.770	4995.750	566.330	563.770	4995.750	566.330	563.770	4996.750	566.330	566.330	566.330	566.330	566.330
BT	.000	5000.750	566.340	563.780	5003.750	566.340	563.780	5004.250	566.340	563.780	5004.250	566.340	566.340	566.340	566.340	566.340
BT	.000	5004.300	566.340	563.780	5004.980	566.340	563.780	5004.990	566.340	563.780	5006.000	566.340	566.340	566.340	566.340	566.340
BT	.000	5005.750	566.340	558.930	5005.990	566.340	559.330	5018.750	566.360	563.800	5018.750	566.360	566.360	566.360	566.360	566.360
BT	.000	5017.990	566.360	563.800	5019.990	566.360	563.800	5031.490	566.380	563.820	5032.500	566.380	566.380	566.380	566.380	566.380
BT	.000	5018.980	566.360	559.400	5019.000	566.360	562.250	5032.500	566.390	563.070	5084.110	566.310	566.310	566.310	566.310	566.310
BT	.000	5031.500	566.390	563.060	5031.750	566.390	563.070	5084.110	566.310	563.070	5084.110	566.310	566.310	566.310	566.310	566.310
BT	.000	5062.500	566.390	563.060	5062.750	566.390	563.070	5084.110	566.310	563.070	5084.110	566.310	566.310	566.310	566.310	566.310
BT	.000	5250.000	567.440	566.540	5062.750	566.390	563.070	5084.110	566.310	563.070	5084.110	566.310	566.310	566.310	566.310	566.310
BT	.000	5365.410	572.060	572.040	5349.550	568.040	572.040	5349.560	568.060	568.040	5349.560	568.060	568.060	568.060	568.060	568.060
BT	572.040	1642.470	549.640	4665.000	568.040	4679.970	564.040	4808.370	563.940	563.730	4965.500	560.620	4992.990	558.120	5004.750	5017.990
GR	563.420	4937.500	563.420	4937.750	563.090	4965.490	563.090	4965.500	563.730	563.730	4965.500	560.620	4992.990	558.120	5004.750	5017.990
GR	560.620	4965.750	560.770	4978.980	560.770	4978.990	560.640	4979.750	560.620	559.750	4992.750	558.840	5017.980	559.330	5031.490	5031.500
GR	559.750	4980.000	559.820	4991.980	559.820	4991.990	559.770	4992.750	558.420	559.330	5017.980	558.840	5017.980	559.330	5031.490	5031.500
GR	558.420	4993.000	559.480	4995.700	559.480	4995.780	558.420	4996.750	558.120	558.840	5004.990	558.840	5017.980	559.330	5031.490	5031.500
GR	559.930	5003.750	558.750	5004.250	558.760	5004.300	559.330	5017.980	559.330	559.330	5017.980	559.330	5017.980	559.330	5031.490	5031.500
GR	559.350	5018.750	559.400	5018.990	559.410	5019.000	559.410	5019.000	559.410	559.410	5031.490	559.410	5031.490	559.410	5031.490	5031.500
GR	562.250	5031.750	562.270	5032.500	563.060	5062.500	563.070	5084.110	564.040	564.040	5084.110	564.040	5084.110	564.040	5084.110	5084.110
GR	566.540	5250.000	568.040	5349.550	568.040	5349.560	572.040	5349.560	568.060	568.040	5349.560	568.060	568.060	568.060	568.060	568.060
NH	6.000	1.500	4665.000	.525	4830.000	.330	4995.700	.072	5004.300	.240	.000	.000	.000	.000	.000	.000
NH	5250.000	.525	5365.410	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	16863.000	49.000	4995.700	5004.300	91.000	7.110	4966.000	5032.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	572.160	4642.470	569.760	4665.000	568.160	4679.970	564.160	4808.370	564.060	564.060	4808.370	564.060	4830.000	564.060	4830.000	4830.000
GR	563.540	4937.500	563.540	4937.750	563.210	4965.490	563.210	4965.500	563.210	563.210	4979.750	563.210	4965.510	563.210	4979.990	4979.990
GR	563.210	4965.750	560.890	4978.980	560.890	4978.990	560.760	4979.750	560.740	560.740	4979.750	560.740	4979.990	560.740	4992.990	4992.990
GR	560.740	4980.000	559.940	4991.980	559.940	4991.990	559.890	4992.750	558.240	559.870	4992.990	558.240	5000.750	558.240	5000.750	5000.750
GR	559.870	4993.000	559.600	4995.700	559.600	4995.780	558.540	4996.750	558.540	558.540	5004.980	558.540	5004.750	558.540	5004.750	5004.750
GR	558.540	5003.750	558.870	5004.250	558.880	5004.300	559.450	5017.980	559.450	559.450	5017.980	559.450	5017.990	559.450	5017.990	5017.990
GR	559.050	5005.750	559.060	5005.990	559.060	5006.000	559.450	5017.980	559.450	559.450	5017.980	559.450	5017.990	559.450	5017.990	5017.990
GR	559.470	5018.750	559.520	5018.990	559.530	5019.000	559.530	5031.490	562.310	562.310	5031.490	562.310	5031.500	562.310	5031.500	5031.500
GR	562.370	5031.750	562.390	5032.500	563.180	5062.500	563.190	5084.110	564.160	564.160	5084.110	564.160	5084.110	564.160	5084.110	5084.110
GR	566.560	5250.000	568.160	5349.550	568.160	5349.560	572.160	5349.560	568.160	568.160	5349.560	568.160	568.160	568.160	568.160	568.160

THIS RUN EXECUTED 06-21-89 11:37:49

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

Loves Creek

SUMMARY PRINTOUT TABLE 110

	SECD	CWSEL	DIFKVS	EG	TOPWID	QLOB	OCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
	510.000	492.63	-2.37	493.60	53.71	.00	2760.00	.00	.00	.00	4966.10	5024.70	.00
	510.000	492.63	.00	493.60	53.71	.00	2760.00	.00	.00	4966.10	4966.10	5024.70	5024.70
B	2145.000	513.14	.00	514.02	151.35	366.35	2385.08	8.57	.00	.00	4974.00	5021.00	.00
	2145.000	513.66	.53	514.78	53.58	42.61	2717.39	.00	.13	4967.42	4974.00	5021.00	5021.00
	2228.200	513.90	.00	515.16	168.23	359.06	2069.92	331.02	.00	.00	4989.30	5014.00	.00
	2228.200	514.46	.56	515.92	66.36	272.53	2275.41	212.06	.12	4961.70	4989.30	5014.00	5028.07
	2327.000	515.42	.00	516.14	222.47	457.40	1908.77	375.83	.00	.00	4989.30	5014.00	.00
	2327.000	516.10	.68	516.90	93.51	379.41	2071.18	309.41	.11	4943.18	4989.30	5014.00	5036.70
	2342.000	515.61	.00	516.14	229.56	557.13	1762.24	440.63	.00	.00	4989.30	5014.50	.00
	2342.000	516.63	1.02	517.22	93.51	469.83	1949.20	340.97	.11	4943.18	4989.30	5014.50	5036.70
	2367.700	515.71	.00	516.36	232.55	474.43	1879.96	405.61	.00	.00	4989.30	5014.00	.00
	2367.700	516.73	1.02	517.40	98.89	406.26	2025.55	328.20	.11	4939.54	4989.30	5014.00	5038.43
	2519.000	516.49	.00	516.89	116.65	129.87	2489.92	140.19	.00	.00	4978.00	5022.00	.00
	2519.000	517.43	.94	517.85	58.60	26.46	2689.35	44.19	.08	4971.98	4978.00	5022.00	5030.58
	2839.000	517.18	.00	518.07	31.40	.00	2760.00	.00	.00	.00	4984.30	5015.70	.00
	2839.000	518.04	.86	518.81	31.40	.00	2760.00	.00	.00	4984.30	4984.30	5015.70	5015.70
	3130.000	520.04	.00	520.59	31.40	.00	2760.00	.00	.00	.00	4984.30	5015.70	.00
	3130.000	520.96	.92	521.45	31.40	.00	2760.00	.00	.00	4984.30	4984.30	5015.70	5015.70
	3211.000	520.54	.00	520.79	148.64	154.89	2429.30	175.81	.00	.00	4978.00	5022.00	.00
	3211.000	521.39	.85	521.62	100.00	103.35	2470.96	185.68	100.00	4960.00	4978.00	5022.00	5060.00
*	3611.000	522.09	.00	523.82	180.52	223.41	2299.37	237.21	.00	.00	4980.50	5019.50	.00
*	3611.000	522.26	.17	524.88	48.59	30.37	2703.02	26.61	.17	4974.90	4980.50	5019.50	5023.49

SECD0	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4234.000	528.26	.00	528.57	234.88	469.78	1925.98	364.24	.00	.00	4980.50	5019.50	.00
4234.000	529.11	.84	529.43	122.00	390.64	2068.42	300.94	.10	4929.21	4980.50	5019.50	5051.21
5220.000	531.41	.00	531.88	247.95	175.08	2191.08	393.84	.00	.00	4982.00	5014.00	.00
5220.000	531.96	.55	532.49	106.65	66.13	2351.79	342.08	.09	4972.50	4982.00	5014.00	5079.15
5729.000	534.09	.00	535.51	165.90	14.74	2679.50	65.77	.00	.00	4980.40	5020.40	.00
5729.000	534.59	.50	535.93	40.00	.00	2760.00	.00	.05	4980.40	4980.40	5020.40	5020.40
6174.000	539.79	.00	540.48	192.89	240.92	2358.01	161.07	.00	.00	4970.30	5014.00	.00
6174.000	540.12	.33	541.10	50.92	24.46	2735.54	.00	.16	4963.08	4970.30	5014.00	5014.00
6891.000	543.62	.00	544.19	247.36	216.82	2352.84	190.35	.00	.00	4982.00	5014.00	.00
6891.000	544.37	.74	545.04	55.32	106.01	2603.97	50.02	.12	4966.77	4982.00	5014.00	5022.09
7441.000	545.69	.00	546.03	503.94	91.35	2210.77	457.88	.00	.00	4970.00	5014.00	.00
7441.000	546.58	.89	546.98	84.30	.00	2463.12	296.88	.15	4970.00	4970.00	5014.00	5054.30
8439.000	548.47	.00	548.60	419.14	315.11	974.95	1469.94	.00	.00	4991.00	5009.00	.00
8439.000	549.40	.93	549.54	280.00	386.20	1061.10	1312.70	280.00	4920.00	4991.00	5009.00	5200.00
9438.000	550.33	.00	550.39	604.51	467.20	789.66	1503.14	.00	.00	4991.00	5009.00	.00
9438.000	551.17	.84	551.25	369.37	317.49	879.67	1562.84	.16	4945.15	4991.00	5009.00	5314.52
10788.000	552.38	.00	552.52	382.38	940.54	1002.67	180.79	.00	.00	4991.00	5009.00	.00
10788.000	553.23	.85	553.41	187.52	980.08	1143.92	.00	.18	4821.48	4991.00	5009.00	5009.00
11713.000	553.75	.00	553.81	464.03	914.55	645.53	563.91	.00	.00	4992.50	5008.50	.00
11713.000	554.67	.92	554.75	232.70	901.39	741.89	480.72	.16	4843.17	4992.50	5008.50	5075.87
12598.000	555.49	.00	556.16	162.47	379.48	1443.26	301.27	.00	.00	4991.00	5009.00	.00
12598.000	556.33	.83	557.23	61.53	273.54	1689.98	160.49	.19	4964.95	4991.00	5009.00	5026.48
13319.000	557.45	.00	557.51	732.60	611.16	988.69	524.16	.00	.00	4983.50	5016.50	.00
13319.000	558.48	1.03	558.54	308.18	555.38	1105.93	462.69	.16	4823.30	4983.50	5016.50	5131.48
13875.000	557.94	.00	558.02	697.79	584.89	1039.90	499.21	.00	.00	4983.00	5016.00	.00
13875.000	558.93	.99	559.02	270.73	521.87	1176.47	425.66	.17	4844.02	4983.00	5016.00	5114.75
13902.000	558.02	.00	558.04	701.24	691.46	835.13	597.41	.00	.00	4983.00	5016.00	.00
13902.000	559.06	1.95	559.12	270.73	630.85	972.06	521.09	.17	4844.02	4983.00	5016.00	5114.75
14042.000	558.18	.00	558.26	695.66	586.18	1043.98	493.84	.00	.00	4983.50	5016.50	.00
14042.000	559.21	1.04	559.31	268.24	524.26	1180.08	419.67	.17	4845.43	4983.50	5016.50	5113.68
15031.000	559.64	.00	559.83	733.63	255.89	1039.31	229.80	.00	.00	4985.00	5015.00	.00
15031.000	560.51	.86	560.69	180.00	238.49	1096.08	190.43	180.00	4910.00	4985.00	5015.00	5090.00
15367.000	560.34	.00	560.41	605.65	312.63	758.72	453.65	.00	.00	4984.70	5015.30	.00
15367.000	561.16	.81	561.26	185.00	158.56	956.66	409.78	185.00	4915.00	4984.70	5015.30	5100.00

SECNO	CUSEL	DIFKUS	EG	TOPUID	OLOB	OCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCH
15967.000	561.36	.00	562.13	29.00	.00	1525.00	.00	.00	.00	4985.50	5014.50	.00
15967.000	562.30	.92	562.89	29.00	.00	1525.00	.00	.00	4985.50	4985.50	5014.50	5014.50
15968.000	561.37	.00	562.15	29.00	.00	1525.00	.00	.00	.00	4985.50	5014.50	.00
15968.000	562.29	.91	562.91	29.00	.00	1525.00	.00	.00	4985.50	4985.50	5014.50	5014.50
16008.000	561.55	.00	562.29	29.00	.00	1525.00	.00	.00	.00	4985.50	5014.50	.00
16008.000	562.45	.90	563.06	29.00	.00	1525.00	.00	.00	.00	4985.50	5014.50	.00
16009.000	561.60	.00	562.31	29.00	.00	1525.00	.00	.00	.00	4985.50	5014.50	.00
16009.000	562.51	.91	563.08	29.00	.00	1525.00	.00	.00	4985.50	4985.50	5014.50	5014.50
16159.000	562.86	.00	562.96	588.20	257.35	836.22	431.42	.00	.00	4984.70	5015.30	.00
16159.000	563.50	.63	563.68	143.53	133.46	1078.66	312.88	.32	4929.46	4984.70	5015.30	5072.98
16401.000	563.59	.00	563.90	447.11	457.88	490.97	576.14	.00	.00	4995.70	5004.30	.00
16401.000	564.33	.74	564.92	98.61	344.07	644.26	536.67	.39	4946.86	4995.70	5004.30	5044.68
16761.000	565.65	.00	565.82	435.59	128.29	1277.69	119.02	.00	.00	4965.50	5031.50	.00
16761.000	566.67	1.02	566.87	66.00	.00	1525.00	.00	.25	4965.50	4965.50	5031.50	5031.50
16772.000	566.83	.00	566.91	550.78	196.14	1131.61	197.25	.00	.00	4965.50	5031.50	.00
16772.000	567.60	.77	567.76	66.00	.00	1525.00	.00	.32	4965.50	4965.50	5031.50	5031.50
16863.000	567.02	.00	567.14	558.51	513.56	386.40	625.04	.00	.00	4995.70	5004.30	.00
16863.000	567.73	.71	568.33	66.00	306.05	701.23	517.72	66.00	4966.00	4995.70	5004.30	5032.00

VS 42116008.000

Summ R.P

FLOODWAY DATA, Loves Creek
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
510.000	54.	349.	7.9	492.6	492.6	.0
2145.000	54.	356.	7.8	513.6	513.1	.5
2228.200	66.	471.	5.9	514.5	513.9	.6
2327.000	94.	730.	3.8	516.1	515.4	.7
2342.000	94.	780.	3.5	516.6	515.6	1.0
2367.700	99.	818.	3.4	516.7	515.7	1.0
2519.000	59.	633.	4.4	517.4	516.5	.9
2839.000	31.	393.	7.0	518.1	517.2	.9
3130.000	31.	492.	5.6	520.9	520.0	.9
3211.000	100.	1028.	2.5	521.3	520.5	.8
3611.000	49.	239.	11.5	522.3	522.1	.2
4234.000	122.	1064.	2.6	529.1	528.3	.8
5220.000	107.	860.	3.2	531.9	531.4	.5
5729.000	40.	296.	9.3	534.6	534.1	.5
6174.000	51.	373.	7.4	540.1	539.8	.3
6891.000	55.	571.	4.8	543.3	543.6	.7
7441.000	84.	772.	3.6	546.6	545.7	.9
8439.000	280.	2232.	1.2	549.4	548.5	.9
9438.000	369.	2910.	.9	551.1	550.3	.8
10788.000	188.	1410.	1.5	553.2	552.4	.8
11713.000	233.	2403.	.9	554.7	553.8	.9
12598.000	62.	520.	4.1	556.3	555.5	.8
13319.000	308.	2605.	.8	558.4	557.4	1.0
13875.000	271.	2142.	1.0	558.9	557.9	1.0
13902.000	271.	2177.	1.0	559.0	558.0	1.0
14042.000	268.	2129.	1.0	559.2	558.2	1.0
15031.000	180.	978.	1.6	560.5	559.6	.9
15367.000	185.	1182.	1.3	561.1	560.3	.8
15967.000	29.	246.	6.2	562.3	561.4	.9
15968.000	29.	241.	6.3	562.3	561.4	.9
16008.000	29.	243.	6.3	562.5	561.6	.9
16009.000	29.	252.	6.1	562.5	561.6	.9
16159.000	144.	836.	1.8	563.5	562.9	.6
16401.000	99.	537.	2.8	564.3	563.6	.7
16761.000	66.	430.	3.6	566.7	565.7	1.0
16772.000	66.	480.	3.2	567.6	566.8	.8
16863.000	66.	491.	3.1	567.7	567.0	.7