

Chockoyotte

Creek

THIS RUN EXECUTED 6/25/91 14:10:28

HEC2 RELEASE DATED SEP 88 UPDATED SEPT 1989

ERROR CORR - 01,02,03  
MODIFICATION -

RECEIVED

JUN 27 1991

GREENHORNE & OMARA, INC.

PROP. COND.

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
T2 FILENAME: HALF2R.DAT ENG: RKW CHK: DKH  
T3 CHOCKOYOTTE CREEK, F2 DATE: 06/25/91 10-YEAR EVENT

J1 ICHECK IND NINV IDIR STRT METRIC HVINS Q WSEL FQ  
-1.0 4.0 0.00 -1.0 84.06

J2 WPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE  
1.0 -1.0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

150.

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

-10. -10.

NC	0.14	0.14	0.05							
QT	5	9550	9550	2850	6750	18800				
ET			4.1	1400	2200					
X1	14002	21	1833	1883						
X3	10						83.8	83.8		
GR	95.2	1000	87.4	1180	84.2	1280	84.1	1380	84.2	1480
GR	82.9	1580	82.3	1680	81.1	1780	78.7	1833	76.2	1867
GR	76.2	1873	78.5	1883	81.2	1980	81.3	2080	82.6	2180
GR	82.6	2280	88	2380	88.5	2480	89	2580	89.8	2680
GR	90.7	2780								

SB	1.25	1.26	2.5		40.8	1.8	436.8		74.6	74.6
ET			4.1	1400	2200					
X1	14072				70	70				
X2			1	83.8	87.6					
X3	10							87.8	87.8	
BT	6	1000	95.2		1480	88.6		1780	87.9	
BT	1883	88		2280	89.7		2780	92.1		

ET			4.1	1400	2200					
X1	14225	21	1753	1803	153	153	153			
X3	10							84.4	84.4	
GR	92.1	1000	87.4	1100	84.2	1200	84.1	1300	84.2	1400

1500.	82.3	1600.	81.1	1700.	78.7	1753.	76.2	1787.	
78.2	1793.	78.5	1803.	81.2	1900.	81.3	2000.	82.6	2100.
82.6	2200.	88.	2300.	88.5	2400.	89.	2500.	89.8	2600.

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GREENHORNE & O'MARA, INC.

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GR	90.7	2700.							
SB	1.25	1.26	2.5	48.8	1.8	436.8		75.3	75.3
ET			4.1	1400.	2200.				
X1	14295.				70.	70.0	70.0		
X2			1.0	84.4	87.9				
X3	10.						87.9	87.9	
BT	6.	1000.	92.1	1480.	88.6		1780.	87.9	
BT	1803.	88.		2200.	89.7		2700.	92.1	
ET			4.1	1400.	2200.				
X1	14345.				50.	50.	50.		0.4
ET			4.1	1400.	2200.				
X1	14365.	22.	1750.	1767.	20.	20.	20.		
GR	92.1	1000.	87.4	1100.	84.2	1200.	84.1	1300.	84.2
GR	82.9	1500.	82.3	1630.	81.1	1700.	80.	1750.	76.
GR	76.1	1759.	76.4	1767.	80.5	1770.	81.2	1900.	81.3
GR	82.6	2100.	82.6	2200.	88.	2300.	88.5	2400.	89.
GR	89.8	2600.	90.7	2700.					2500.
ET			4.1	1400.	2200.				
X1	15000.				635.	635.	635.		1.5
ET			4.1	1400.	2200.				
X1	16000.				1000.	1000.	1000.		2.5
ET			4.1	1400.	2200.				
X1	17000.				1000.	1000.	1000.		2.5
ET			4.1	1400.	2200.				
X1	18000.				1000.	1000.	1000.		2.5
ET			4.1	1450.	1850.				

PROPOSED FILL SLOPE  
 FILENAME: HALF2R.DAT

CHOCKOYOTTE CREEK.

X1	18300.	21.	1715.	1739.	300.	300.	300.		
GR	115.9	1000.	116.6	1100.	110.7	1200.	104.6	1300.	103.3
GR	96.1	1400.	91.3	1500.	91.4	1600.	90.6	1700.	88.6
GR	88.7	1715.	86.7	1718.	85.7	1727.	86.6	1737.	89.3
GR	90.4	1755.	89.9	1800.	89.9	1852.	94.9	1900.	100.5
GR	116.	2100.							1953.

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JUN 27 1991

GREENHORNE & O'MARA, INC.

ET 4.1 1200. 1800.

X-SECTION DOWNSTREAM FROM HOSPITAL

X1	19837.	22.	1473.	1514.	1537.	1537.	1537.	-5.1		
X2									15.0	
GR	108.9	1000.	108.7	1100.	108.7	1200.	103.6	1300.	101.8	1400.
GR	102.1	1454.	99.2	1462.	99.0	1472.	99.0	1473.	96.6	1478.
GR	96.6	1490.	96.9	1505.	96.9	1506.	97.0	1507.	100.5	1514.
GR	101.6	1526.	103.1	1600.	102.2	1700.	103.3	1800.	103.0	1843.
GR	108.5	1900.	116.7	2000.						

ADDED?  
FLOW  
DIST.

ET 4.1 1355. 1800.

X-SECTION AT HOSPITAL

X1	20237.	22.	1473.	1514.	400.	400.	400.			
X2										15.0
GR	118.0	1339.	108.0	1340.	104.0	1350.	96.0	1370.	95.0	1380.
GR	95.0	1430.	96.0	1450.	95.3	1472.	95.3	1473.	92.9	1478.
GR	92.9	1490.	93.2	1505.	93.2	1506.	93.3	1507.	96.8	1514.
GR	97.9	1526.	99.4	1600.	98.5	1700.	99.6	1800.	99.3	1843.
GR	104.8	1900.	113.0	2000.						

ADDED?  
FLOW  
DIST.

ET 4.1 1200. 1800.

CHANGED BACK TO EX & FIS VALUE AS REQUESTED

FEMA X-SECTION UPSTREAM FROM HOSPITAL

X1	20637.	22.	1473.	1514.	400.	400.	400.	-3.0		
X2										15.0
GR	108.9	1000.	108.7	1100.	108.7	1200.	103.6	1300.	101.8	1400.
GR	102.1	1454.	99.2	1462.	99.0	1472.	99.0	1473.	96.6	1478.
GR	96.6	1490.	96.9	1505.	96.9	1506.	97.0	1507.	100.5	1514.
GR	101.6	1526.	103.1	1600.	102.2	1700.	103.3	1800.	103.0	1843.
GR	108.5	1900.	116.7	2000.						

ADDED?  
FLOW  
DIST.

ET 4.1 1200. 1800.

X1 20737. 100. 100. 100.

ET 4.1 1200. 1800.

X1 20937. 200. 200. 200.

ET 4.1 1200. 1800.

X1 21137. 200. 200. 200.

RECEIVED

JUN 27 1991

GREENHORNE & O'MARA, INC.

QT	5.0	8000.	8000.	2350.	5450.	16000.				
HH	0.0	0.14	1454.	0.14	1473.	0.04	1514.	0.14	1526.	0.14
NH	2000.									
ET			4.1	1200.	1800.					

X-SECTION DOWNSTREAM FROM BRIDGE

X1	21637.		1454.	1526.	500.	500.	500.		3	
X3	10							105.6	105.6	
ET			4.1	1200.	1800.					
HC	0.14	0.14	0.05							

BRIDGE

X1	21638.	29.	1454.	1526.	1.	1.	1.			
X2										
X4	2.	105.6	1454.	105.4	1506.					
BT	18.	1000.	110.4		1200.	107.9		1300.	107.7	
BT	1400.	107.6		1453.	107.6		1454.	107.6	105.6	1472.
BT	107.6	105.6	1473.	107.6	105.4	1506.	107.6	105.4	1507.	107.7
BT		1526.	107.7		1527.	107.7		1600.	108.6	
BT	1700.	110.7		1800.	113.4		1843.	114.5		1900.
BT	116.4		2000.	120.2						
GR	110.4	1000.	106.5	1100.	107.9	1200.	107.7	1300.	107.6	1400.
GR	107.6	1453.	102.1	1454.5	99.2	1462.	99.1	1471.	99.1	1471.5
GR	99.0	1472.	99.0	1472.5	99.	1473.	96.6	1478.	96.6	1490.
GR	96.9	1505.	107.6	1505.	107.6	1506.1	107.6	1506.5	107.7	1507.
GR	110.4	1514.	101.6	1526.	107.7	1527.	108.6	1600.	110.7	1700.
GR	113.4	1800.	113.	1843.	116.4	1900.	120.2	2000.		

ET			4.1	1200.	1800.					
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X-SECTION UPSTREAM FROM BRIDGE

X1	21661.			23.	23.	23.				
X2						1.				

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GREENHORNE & O'MARA, INC.

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
 T2 FILENAME: HALF2R.DAT ENG: RKW CHK: DKH  
 T3 CHOCKOYOTTE CREEK, F2 DATE: 06/25/91 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-1.0	4.0			0.00		-1.0		84.06	

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.0		-1.0							

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

150.

J5 LPRNT HUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10. -10.

NC	0.14	0.14	0.05							
QT	5	9550.	9550.	2850.	6750.	18800.				
E7			4.1	1400.	2200.					
X1	14002	21	1833.	1883.						
X3	10.							83.8	83.8	
GR	95.2	1000.	87.4	1180.	84.2	1280.	84.1	1380.	84.2	1480.
GR	82.9	1580.	82.3	1680.	81.1	1780.	78.7	1833.	76.2	1867.
GR	76.2	1873.	78.5	1883.	81.2	1980.	81.3	2080.	82.6	2180
GR	82.6	2280.	88	2380.	88.5	2480.	89.	2580.	89.8	2680.
GR	90.7	2780.								

SB	1.25	1.26	2.5		48.8	1.8	436.8		74.6	74.6
ET			4.1	1400	2200					
X1	14072				70	70				
X2			1	83.8	87.6					
X3	10.							87.8	87.8	
BT	6.	1000.	95.2		1480.	88.6		1780.	87.9	
BT	1883.	88.		2280.	89.7		2780.	92.1		

ET			4.1	1400.	2200.					
X1	14225.	21.	1753.	1803.	153.	153.	153.			
X3	10.							84.4	84.4	
GR	92.1	1000.	87.4	1100.	84.2	1200.	84.1	1300.	84.2	1400.

GR	82.9	1500.	82.3	1600.	81.1	1700.	78.7	1753.	76.2	1787
GR	76.2	1793.	78.5	1803.	81.2	1900.	81.3	2000.	82.6	2100.
GR	82.6	2200.	88.	2300.	88.5	2400.	89.	2500.	89.8	2600.

**RECEIVED**

JUN 27 1991

GREENHORNE & O'MARA, INC.



GR	90.7	2700.							
SB	1.25	1.26	2.5		48.8	1.8	436.8		75.3
ET			4.1	1400.	2200.				75.3
X1	14295.				70.	70.0	70.0		
X2			1.0	84.4	87.9				
X3	10.							87.9	87.9
BT	6.	1000.	92.1		1480.	88.6		1780.	87.9
BT	1803.	88.		2200.	89.7		2700.	92.1	
ET			4.1	1400.	2200.				
X1	14345.				50.	50.	50.		0.4
ET			4.1	1400.	2200.				
X1	14365.	22.	1750.	1767.	20.	20.	20.		
GR	92.1	1000.	87.4	1100.	84.2	1200.	84.1	1300.	84.2
GR	82.9	1500.	82.3	1600.	81.1	1700.	80.	1750.	76.
GR	76.1	1759.	76.4	1767.	80.5	1770.	81.2	1900.	81.3
GR	82.6	2100.	82.6	2200.	88.	2300.	88.5	2400.	89.
GR	89.6	2600.	90.7	2700.					2500.
ET			4.1	1400.	2200.				
X1	15000.				635.	635.	635		1.5
ET			4.1	1400.	2200.				
X1	16000.				1000.	1000.	1000		2.5
ET			4.1	1400.	2200.				
X1	17000.				1000.	1000.	1000.		2.5
ET			4.1	1400.	2200.				
X1	18000.				1000.	1000.	1000.		2.5
ET			4.1	1450.	1850.				

PROPOSED FILL SLOPE  
FILENAME: HALF2R.DAT

CHOCKOYOTTE CREEK.

X1	18300.	21.	1715.	1739.	300.	300.	300.		
GR	115.9	1009.	116.6	1100.	110.7	1200.	104.6	1300.	103.3
GR	96.1	1400.	91.3	1500.	91.4	1600.	90.6	1700.	88.6
GR	88.7	1715.	86.7	1718.	85.7	1727.	86.6	1737.	89.3
GR	90.4	1755.	89.9	1800.	89.9	1852.	94.9	1900.	100.5
GR	116.	2100.							1953.

**RECEIVED**

JUN 27 1991

GREENHORNE & O'MARA, INC.

ET 4.1 1200. 1800.

X-SECTION DOWNSTREAM FROM HOSPITAL

X1	19837.	22.	1473.	1514.	1537.	1537.	1537.		-5.1	
X2										15.0
GR	108.9	1000.	108.7	1100.	108.7	1200.	103.6	1300.	101.8	1400.
GR	102.1	1454.	99.2	1462.	99.0	1472.	99.0	1473.	96.6	1478.
GR	96.6	1490.	96.9	1505.	96.9	1506.	97.0	1507.	100.5	1514.
GR	101.6	1526.	103.1	1600.	102.2	1700.	103.3	1800.	103.0	1843.
GR	108.5	1900.	116.7	2000.						

ET 4.1 1355. 1800.

X-SECTION AT HOSPITAL

X1	20237.	22.	1473.	1514.	400.	400.	400.			
X2										15.0
GR	118.0	1339.	108.0	1340.	104.0	1350.	96.0	1370.	95.0	1380.
GR	95.0	1430.	96.0	1450.	95.3	1472.	95.3	1473.	92.9	1478.
GR	92.9	1490.	93.2	1505.	93.2	1506.	93.3	1507.	96.8	1514.
GR	97.9	1526.	99.4	1600.	98.5	1700.	99.6	1800.	99.3	1843.
GR	104.8	1900.	113.0	2000.						

ET 4.1 1200. 1800.

FEMA X-SECTION UPSTREAM FROM HOSPITAL

X1	20637.	22.	1473.	1514.	400.	400.	400.		-3.0	
X2										15.0
GR	108.9	1000.	108.7	1100.	108.7	1200.	103.6	1300.	101.8	1400.
GR	102.1	1454.	99.2	1462.	99.0	1472.	99.0	1473.	96.6	1478.
GR	96.6	1490.	96.9	1505.	96.9	1506.	97.0	1507.	100.5	1514.
GR	101.6	1526.	103.1	1600.	102.2	1700.	103.3	1800.	103.0	1843.
GR	108.5	1900.	116.7	2000.						

ET 4.1 1200. 1800.

X1 20737. 100. 100. 100.

ET 4.1 1200. 1800.

X1 20937. 200. 200. 200.

ET 4.1 1200. 1800.

X1 21137. 200. 200. 200.

**RECEIVED**

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GREENHORNE & O'MARA, INC.

QT	5.0	8000.	8000.	2350.	5450.	16000.				
NH	5.0	0.14	1454.	0.14	1473.	0.04	1514.	0.14	1526.	0.14
NH	2000.									
ET			4.1	1200.	1800.					
X-SECTION DOWNSTREAM FROM BRIDGE										
X1	21637.		1454.	1526.	500.	500.	500.		3	
X3	10							105.6	105.6	
ET			4.1	1200.	1800.					
NC	0.14	0.14	0.05							
BRIDGE										
X1	21638.	29.	1454.	1526.	1.	1.	1.			
X2										
X4	2.	105.6	1454.	105.4	1506.					
BT	18.	1000.	110.4		1200.	107.9		1300.	107.7	
BT	1400.	107.6		1453.	107.6		1454.	107.6	107.6	1172.
BT	107.6	105.6	1473.	107.6	105.4	1506.	107.6	105.4	1507.	107.7
BT		1526.	107.7		1527.	107.7		1600.	108.6	
BT	1700.	110.7		1800.	113.4		1843.	114.5		1900.
BT	116.4		2000.	120.2						
GR	110.4	1000.	106.5	1100.	107.9	1200.	107.7	1300.	107.6	1400.
GR	107.6	1453.	102.1	1454.5	99.2	1462.	99.1	1471.	99.1	1471.5
GR	99.0	1472.	99.0	1472.5	99.	1473.	96.6	1478.	96.6	1490.
GR	96.9	1505.	107.6	1505.	107.6	1506.1	107.6	1506.5	107.7	1507.
GR	110.4	1514.	101.6	1526.	107.7	1527.	108.6	1600.	110.7	1700.
GR	113.4	1800.	113.	1843.	116.4	1900.	120.2	2000.		
ET			4.1	1200.	1800.					
X-SECTION UPSTREAM FROM BRIDGE										
X1	21661.				23.	23.	23.			
X2										1.

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JUN 27 1991

GREENHORNE & O'MARA, INC.

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
 T2 FILENAME: HALF2R.DAT ENG: RKW CHK: DKH  
 T3 CHOCKOYOTTE CREEK, FE DATE: 06/25/91 50-YEAR FLOOD

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FO  
 -1.0 5.0 -1.0 86.20

J2 NPROF IPLIT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE  
 2.0 -1.

FLOW DISTRIBUTION FOR SECNO= 19837.00 CWSEL= 101.88

STA=	1234.	1400.	1454.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1884.
PER Q=	11.1	6.9	4.1	.3	43.4	10.2	9.9	9.5	3.5	1.1	
AREA=	541.0	271.9	129.5	8.0	401.9	414.3	433.6	423.6	164.9	82.3	
VEL=	1.4	1.7	2.1	2.3	7.3	1.7	1.5	1.5	1.4	.9	
DEPTH=	3.3	5.0	7.2	8.0	9.8	4.8	4.3	4.2	3.8	2.0	

FLOW DISTRIBUTION FOR SECNO= 20237.00 CWSEL= 103.09

STA=	1352.	1380.	1430.	1450.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1882.
PER Q=	3.6	13.7	4.9	5.3	.3	41.1	9.3	9.0	8.6	3.1	1.0	
AREA=	138.7	404.4	151.8	163.6	7.8	393.8	397.3	413.8	403.8	156.4	74.4	
VEL=	1.8	2.3	2.2	2.2	2.2	7.0	1.6	1.5	1.4	1.3	.9	
DEPTH=	5.0	8.1	7.6	7.4	7.8	9.6	4.6	4.1	4.0	3.6	1.9	

FLOW DISTRIBUTION FOR SECNO= 20637.00 CWSEL= 104.20

STA=	1229.	1400.	1454.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1887.
PER Q=	11.5	6.9	4.1	.3	42.3	10.3	10.1	9.7	3.6	1.2	
AREA=	577.3	283.6	133.4	8.2	410.7	432.8	455.2	445.2	174.2	91.5	
VEL=	1.3	1.7	2.1	2.2	7.0	1.6	1.5	1.5	1.4	.9	
DEPTH=	3.4	5.3	7.4	8.2	10.0	5.0	4.6	4.5	4.1	2.1	

**RECEIVED**

JUN 27 1991

GREENHORNE & O'MARA, INC.

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
 T2 FILENAME: HALF2R.DAT ENG: RKW CHK: DKH  
 T3 CHOCKOYOTTE CREEK, FE DATE: 06/25/91 100-YEAR EVENT

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q VSEL FQ  
 -1.0 2.0 0.00 -1.0 87.04

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE  
 3.0 -1.0

FLOW DISTRIBUTION FOR SECNO= 19837.00 CWSEL= 103.26

STA=	1207.	1400.	1454.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1899.
PER Q=	13.1	7.2	3.8	.2	37.6	10.8	10.9	10.6	4.0	1.7	
AREA=	787.9	346.1	154.3	9.4	458.2	532.4	570.9	560.9	224.0	148.8	
VEL=	1.6	2.0	2.4	2.5	7.8	1.9	1.8	1.8	1.7	1.1	
DEPTH=	4.1	6.4	8.6	9.4	11.2	6.2	5.7	5.6	5.2	2.7	

FLOW DISTRIBUTION FOR SECNO= 20237.00 CWSEL= 104.43

STA=	1349.	1380.	1430.	1450.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1896.
PER Q=	3.7	12.9	4.7	5.0	.2	37.1	10.4	10.4	10.1	3.8	1.6	
AREA=	178.2	471.7	178.7	193.2	9.1	448.9	513.0	548.3	538.3	214.3	136.6	
VEL=	2.0	2.6	2.5	2.5	2.6	7.9	1.9	1.8	1.8	1.7	1.1	
DEPTH=	5.7	9.4	8.9	8.0	9.1	10.9	6.0	5.5	5.4	5.0	2.6	

FLOW DISTRIBUTION FOR SECNO= 20637.00 CWSEL= 105.60

STA=	1202.	1400.	1454.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1901.
PER Q=	13.5	7.2	3.8	.2	36.7	10.8	11.1	10.7	4.1	1.8	
AREA=	837.1	359.7	158.8	9.6	468.5	554.0	596.0	586.0	234.8	163.1	
VEL=	1.5	1.9	2.3	2.4	7.5	1.9	1.8	1.8	1.7	1.1	
DEPTH=	4.2	6.7	8.8	9.6	11.4	6.4	6.0	5.9	5.5	2.8	

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GREENHORNE & O'MARA, INC.

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
 T2 FILENAME: HALF2R.DAT ENG: RKW CHK: DKH  
 T3 CHOCKOYOTTE CREEK, FE DATE: 06/25/91 100-YEAR FLOOD

J1 ICHECK INQ NINV IOIR STRT METRIC HVINS Q WSEL FO  
 -1.0 3.0 -1.0 87.42

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC ISW CHNIM ITRACE  
 4.0 -1.

FLOW DISTRIBUTION FOR SECNO= 19837.00 CWSEL= 103.58

STA=	1200.	1300.	1400.	1454.	1462.	1472.	1473.	1514.	1526.	1600.	1700.	1800.
PER Q=	2.8	11.7	7.7	1.5	2.6	.3	39.0	2.1	9.5	11.8	11.1	
AREA=	253.2	598.2	363.5	64.3	95.8	9.7	471.4	91.6	468.5	603.2	593.2	
VEL=	1.1	1.9	2.0	2.2	2.6	2.6	7.9	2.2	1.9	1.9	1.8	
DEPTH=	2.5	6.0	6.7	8.0	9.6	9.7	11.5	7.6	6.3	6.0	5.9	

FLOW DISTRIBUTION FOR SECNO= 20237.00 CWSEL= 104.73

STA=	1355.	1370.	1380.	1430.	1450.	1472.	1473.	1514.	1526.	1600.	1700.	1800.
PER Q=	1.4	2.5	13.5	5.0	5.3	.3	38.7	2.0	9.2	11.4	10.7	
AREA=	86.0	92.3	486.6	184.6	199.8	9.4	461.1	88.6	450.0	578.1	568.1	
VEL=	1.6	2.6	2.7	2.6	2.5	2.6	8.0	2.2	1.9	1.9	1.8	
DEPTH=	5.7	9.2	9.7	9.2	9.1	9.4	11.2	7.4	6.1	5.8	5.7	

FLOW DISTRIBUTION FOR SECNO= 20637.00 CWSEL= 105.90

STA=	1200.	1300.	1400.	1454.	1462.	1472.	1473.	1514.	1526.	1600.	1700.	1800.
PER Q=	3.0	11.8	7.7	1.5	2.5	.3	38.3	2.1	9.6	12.0	11.2	
AREA=	275.4	620.4	375.5	66.0	98.0	9.9	480.5	94.2	485.0	625.4	615.4	
VEL=	1.1	1.8	2.0	2.1	2.5	2.5	7.6	2.1	1.9	1.8	1.7	
DEPTH=	2.8	6.2	7.0	8.3	9.8	9.9	11.7	7.9	6.6	6.3	6.2	

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GREENHORNE & O'MARA, INC.

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
 T2 FILENAME: HALFZR.DAT ENG: RKW CHK: DKH  
 T3 CHOCKOYOTTE CREEK, FE DATE: 06/25/91 500-YEAR EVENT

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ  
 -1.0 6.0 -1.0 90.02

J2 NPROF IPLIT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE  
 15. -1.

FLOW DISTRIBUTION FOR SECNO= 19837.00 CWSEL= 106.49

STA=	1000.	1200.	1300.	1400.	1454.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1900.
PER Q=	3.4	5.0	11.3	7.0	3.2	.2	28.5	10.8	11.5	11.2	4.5	3.2	
AREA=	568.4	544.2	889.2	520.7	212.5	12.6	590.7	810.4	894.2	884.2	363.0	333.0	
VEL=	1.1	1.7	2.4	2.5	2.9	3.0	9.1	2.5	2.4	2.4	2.3	1.8	
DEPTH=	2.8	5.4	8.9	9.6	11.8	12.6	14.4	9.4	8.9	8.8	8.4	5.8	

STA= 1900. 1938.

PER Q= .2  
 AREA= 58.3  
 VEL= .7  
 DEPTH= 1.5

FLOW DISTRIBUTION FOR SECNO= 20237.00 CWSEL= 107.58

STA=	1341.	1380.	1430.	1450.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1900.	1934.
PER Q=	4.1	11.5	4.3	4.6	.2	31.2	11.5	12.3	12.0	4.8	3.3	.2	
AREA=	288.6	629.2	241.7	262.5	12.3	578.1	783.9	863.4	853.4	349.8	315.4	47.3	
VEL=	2.7	3.4	3.3	3.3	3.4	13.1	2.8	2.7	2.6	2.6	2.0	.8	
DEPTH=	7.4	12.6	12.1	11.9	12.3	14.1	9.1	8.6	8.5	8.1	5.5	1.4	

FLOW DISTRIBUTION FOR SECNO= 20637.00 CWSEL= 108.96

STA=	1000.	1200.	1300.	1400.	1454.	1472.	1473.	1514.	1600.	1700.	1800.	1843.	1900.
PER Q=	3.8	5.2	11.3	7.0	3.2	.2	27.8	10.7	11.4	11.2	4.5	3.3	
AREA=	641.6	580.8	925.8	540.4	219.0	13.0	605.7	841.9	930.8	920.8	378.7	353.9	
VEL=	1.1	1.7	2.3	2.4	2.7	2.9	8.6	2.4	2.3	2.3	2.2	1.8	
DEPTH=	3.2	5.8	9.3	10.0	12.2	13.0	14.8	9.8	9.3	9.2	8.8	6.2	

STA= 1900. 1942.

PER Q= .3  
 AREA= 72.9  
 VEL= .9  
 DEPTH= 1.7

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THIS RUN EXECUTED 6/25/91 14:11:17

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HEC2 RELEASE DATED SEP 88 UPDATED SEPT 1989

ERROR CORR - 01,02,03  
 MODIFICATION -

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

GREENHORNE & O'MARA, INC.

CHOCKOYOTTE CREEK, F2

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
14002.000	.00	.00	.00	76.20	2850.00	84.06	.00	84.20	15.72	4.20	2059.34	718.78
14002.000	.00	.00	.00	76.20	6750.00	86.20	.00	86.36	16.88	5.23	4343.35	1642.68
14002.000	.00	.00	.00	76.20	9550.00	87.04	.00	87.24	20.12	6.06	5309.41	2129.26
14002.000	.00	.00	.00	76.20	9550.00	87.42	.00	87.65	20.84	6.33	4602.04	2091.89
14002.000	.00	.00	.00	76.20	18800.00	90.02	.00	90.22	17.86	6.82	9322.74	4447.92
* 14072.000	70.00	87.60	83.80	76.20	2850.00	84.07	.00	85.16	62.61	8.39	339.53	360.18
* 14072.000	70.00	87.60	83.80	76.20	6750.00	89.16	.00	89.20	3.38	2.83	8010.29	3671.93
* 14072.000	70.00	87.60	83.80	76.20	9550.00	90.01	.00	90.06	4.63	3.47	9307.59	4438.79
* 14072.000	70.00	87.60	83.80	76.20	9550.00	90.04	.00	90.13	6.88	4.24	6696.51	3641.52
* 14072.000	70.00	87.60	83.80	76.20	18800.00	91.73	.00	91.84	8.99	5.26	12172.59	6268.95
* 14225.000	153.00	.00	.00	76.20	2850.00	85.32	.00	85.37	5.63	2.81	3360.60	1201.65
14225.000	153.00	.00	.00	76.20	6750.00	89.21	.00	89.25	3.30	2.81	8083.31	3715.79
14225.000	153.00	.00	.00	76.20	9550.00	90.08	.00	90.13	4.49	3.43	9414.10	4506.15
14225.000	153.00	.00	.00	76.20	9550.00	90.15	.00	90.23	6.35	4.09	6908.28	3788.38
14225.000	153.00	.00	.00	76.20	18800.00	91.87	.00	91.97	8.55	5.17	12390.65	6428.98
* 14295.000	70.00	87.90	84.40	76.20	2850.00	85.38	.00	86.15	34.61	7.03	405.61	484.45
14295.000	70.00	87.90	84.40	76.20	6750.00	90.08	.00	90.11	2.24	2.43	9413.45	4505.76
14295.000	70.00	87.90	84.40	76.20	9550.00	90.73	.00	90.77	3.43	3.10	10472.22	5157.01
14295.000	70.00	87.90	84.40	76.20	9550.00	90.71	.00	90.79	5.23	3.82	7361.39	4176.48
* 14295.000	70.00	87.90	84.40	76.20	18800.00	92.16	.00	92.25	7.70	4.97	12879.96	6775.04
* 14345.000	50.00	.00	.00	76.60	2850.00	86.16	.00	86.19	4.07	2.48	3849.23	1413.53
14345.000	50.00	.00	.00	76.60	6750.00	90.09	.00	90.12	2.65	2.58	8810.09	4143.63
14345.000	50.00	.00	.00	76.60	9550.00	90.74	.00	90.79	4.01	3.29	9845.31	4769.07
14345.000	50.00	.00	.00	76.60	9550.00	90.73	.00	90.81	5.93	4.00	7064.54	3920.48
14345.000	50.00	.00	.00	76.60	18800.00	92.19	.00	92.29	8.80	5.22	12260.56	6338.47



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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
14365.000	20.00	.00	.00	76.00	2850.00	86.18	.00	86.20	5.12	2.84	4098.79	1258.96
14365.000	20.00	.00	.00	76.00	6750.00	90.11	.00	90.12	3.02	2.73	9214.60	3685.99
14365.000	20.00	.00	.00	76.00	9550.00	90.77	.00	90.80	4.50	3.44	10292.62	4301.59
14365.000	20.00	.00	.00	76.00	9550.00	90.77	.00	90.83	7.32	4.39	7180.06	3330.93
14365.000	20.00	.00	.00	76.00	18800.00	92.25	.00	92.31	9.54	5.36	12807.63	6088.01
* 15000.000	635.00	.00	.00	77.50	2850.00	86.62	.00	86.69	12.53	4.11	2927.88	805.24
15000.000	635.00	.00	.00	77.50	6750.00	90.35	.00	90.36	5.55	3.48	7333.03	2864.36
15000.000	635.00	.00	.00	77.50	9550.00	91.12	.00	91.16	7.57	4.23	8463.68	3470.48
15000.000	635.00	.00	.00	77.50	9550.00	91.31	.00	91.38	10.51	5.03	6407.40	2946.15
15000.000	635.00	.00	.00	77.50	18800.00	92.94	.00	93.02	13.12	6.07	11420.28	5189.98
* 16000.000	1000.00	.00	.00	80.00	2850.00	88.33	.00	88.48	27.84	5.75	2090.97	540.15
* 16000.000	1000.00	.00	.00	80.00	6750.00	91.15	.00	91.23	14.65	5.12	5214.87	1763.72
* 16000.000	1000.00	.00	.00	80.00	9550.00	92.14	.00	92.23	16.22	5.71	6402.92	2370.96
16000.000	1000.00	.00	.00	80.00	9550.00	92.61	.00	92.72	17.56	6.10	5445.34	2277.21
16000.000	1000.00	.00	.00	80.00	18800.00	94.49	.00	94.61	19.63	7.10	9845.34	4243.50
17000.000	1000.00	.00	.00	82.50	2850.00	90.95	.00	91.08	24.28	5.43	2224.11	578.35
17000.000	1000.00	.00	.00	82.50	6750.00	92.95	.00	93.07	23.75	6.22	4391.76	1385.19
17000.000	1000.00	.00	.00	82.50	9550.00	94.04	.00	94.15	23.19	6.59	5661.25	1983.33
17000.000	1000.00	.00	.00	82.50	9550.00	94.57	.00	94.71	22.73	6.73	5013.52	2002.95
17000.000	1000.00	.00	.00	82.50	18800.00	96.61	.00	96.74	23.34	7.60	9224.38	3891.47
18000.000	1000.00	.00	.00	85.00	2850.00	93.42	.00	93.56	25.28	5.52	2184.47	566.80
18000.000	1000.00	.00	.00	85.00	6750.00	95.38	.00	95.50	24.97	6.35	4312.85	1350.73
18000.000	1000.00	.00	.00	85.00	9550.00	96.42	.00	96.55	24.79	6.77	5531.51	1918.19
18000.000	1000.00	.00	.00	85.00	9550.00	96.92	.00	97.06	24.49	6.93	4894.85	1929.63
18000.000	1000.00	.00	.00	85.00	18800.00	99.00	.00	99.14	24.57	7.76	9048.52	3793.09
18300.000	300.00	.00	.00	85.70	2850.00	94.15	.00	94.40	31.02	6.08	1499.25	511.71
18300.000	300.00	.00	.00	85.70	6750.00	96.10	.00	96.51	48.05	8.81	2439.05	973.76
* 18300.000	300.00	.00	.00	85.70	9550.00	97.12	.00	97.62	55.78	10.14	2963.93	1278.73
* 18300.000	300.00	.00	.00	85.70	9550.00	97.56	.00	98.11	54.14	10.27	2763.69	1297.93
* 18300.000	300.00	.00	.00	85.70	18800.00	99.54	.00	100.33	74.69	13.46	4308.45	2175.31
19837.000	1537.00	.00	.00	91.50	2850.00	99.17	.00	99.62	37.44	6.56	1213.46	465.79
19837.000	1537.00	.00	.00	91.50	6750.00	101.88	.00	102.26	29.93	7.28	2870.95	1233.78
19837.000	1537.00	.00	.00	91.50	9550.00	103.26	.00	103.65	29.05	7.83	3792.67	1771.75
19837.000	1537.00	.00	.00	91.50	9550.00	103.58	.00	103.99	28.44	7.90	3612.44	1790.86
* 19837.000	1537.00	.00	.00	91.50	18800.00	106.49	.00	106.91	27.73	9.06	6681.47	3570.23
20237.000	400.00	.00	.00	92.90	2850.00	100.57	.00	100.82	24.57	5.32	1412.07	575.02
20237.000	400.00	.00	.00	92.90	6750.00	103.09	.00	103.44	28.78	7.05	2705.85	1258.32
20237.000	400.00	.00	.00	92.90	9550.00	104.43	.00	104.83	30.31	7.89	3430.39	1734.60
20237.000	400.00	.00	.00	92.90	9550.00	104.73	.00	105.16	30.21	8.02	3204.72	1737.47
20237.000	400.00	.00	.00	92.90	18800.00	107.58	.00	108.16	35.69	10.14	5225.54	3146.78

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
20637.000	400.00	.00	.00	93.60	2850.00	101.54	.00	101.90	29.55	5.98	1370.11	524.29
20637.000	400.00	.00	.00	93.60	6750.00	104.20	.00	104.54	26.47	6.95	3012.19	1311.89
20637.000	400.00	.00	.00	93.60	9550.00	105.60	.00	105.95	25.77	7.49	3967.56	1881.27
20637.000	400.00	.00	.00	93.60	9550.00	105.90	.00	106.28	25.75	7.61	3745.67	1882.09
20637.000	400.00	.00	.00	93.60	18800.00	108.96	.00	109.33	24.23	8.62	7025.48	3819.60
20737.000	100.00	.00	.00	93.60	2850.00	101.88	.00	102.15	22.30	5.35	1568.96	603.52
20737.000	100.00	.00	.00	93.60	6750.00	104.49	.00	104.78	22.66	6.55	3199.22	1417.84
20737.000	100.00	.00	.00	93.60	9550.00	105.88	.00	106.19	22.66	7.13	4185.08	2005.99
20737.000	100.00	.00	.00	93.60	9550.00	106.18	.00	106.52	22.81	7.28	3912.56	1999.41
20737.000	100.00	.00	.00	93.60	18800.00	109.22	.00	109.56	22.07	8.32	7271.33	4002.25
20937.000	200.00	.00	.00	93.60	2850.00	102.33	.00	102.52	15.75	4.67	1836.57	718.17
20937.000	200.00	.00	.00	93.60	6750.00	104.95	.00	105.18	17.77	5.98	3512.36	1601.35
20937.000	200.00	.00	.00	93.60	9550.00	106.34	.00	106.60	18.27	6.57	4604.20	2234.44
20937.000	200.00	.00	.00	93.60	9550.00	106.65	.00	106.93	18.79	6.78	4192.02	2202.96
20937.000	200.00	.00	.00	93.60	18800.00	109.67	.00	109.97	18.82	7.84	7704.83	4333.02
21137.000	200.00	.00	.00	93.60	2850.00	102.65	.00	102.80	12.50	4.27	2029.43	806.02
21137.000	200.00	.00	.00	93.60	6750.00	105.31	.00	105.51	14.87	5.59	3758.54	1750.71
21137.000	200.00	.00	.00	93.60	9550.00	106.72	.00	106.93	15.43	6.16	4943.59	2430.81
21137.000	200.00	.00	.00	93.60	9550.00	107.03	.00	107.28	16.15	6.41	4421.70	2376.75
21137.000	200.00	.00	.00	93.60	18800.00	110.05	.00	110.32	16.58	7.48	8065.31	4416.47
* 21637.000	500.00	.00	.00	96.60	2350.00	101.86	101.86	104.19	146.02	12.27	191.51	194.48
* 21637.000	500.00	.00	.00	96.60	5450.00	105.86	.00	106.51	31.11	8.56	2160.02	977.07
* 21637.000	500.00	.00	.00	96.60	8000.00	107.30	.00	107.93	28.78	9.12	3080.18	1491.20
* 21637.000	500.00	.00	.00	96.60	8000.00	107.66	.00	108.28	26.52	8.96	3009.67	1553.58
* 21637.000	500.00	.00	.00	96.60	16000.00	110.69	.00	111.31	24.66	10.24	5841.98	3221.87
21638.000	1.00	107.60	105.60	96.60	2350.00	102.80	101.96	104.21	150.32	9.54	246.41	191.67
* 21638.000	1.00	107.60	105.60	96.60	5450.00	105.16	105.16	108.59	238.86	14.87	366.57	352.63
* 21638.000	1.00	107.60	105.60	96.60	8000.00	109.85	109.85	111.10	312.35	10.56	1391.17	452.66
* 21638.000	1.00	107.60	105.60	96.60	8000.00	109.84	109.84	111.26	341.65	11.03	1235.10	432.81
* 21638.000	1.00	107.60	105.60	96.60	16000.00	111.34	111.34	112.85	380.76	13.03	2414.13	819.96
21661.000	23.00	107.60	105.60	96.60	2350.00	103.37	.00	104.50	106.19	8.53	275.65	228.05
21661.000	23.00	107.60	105.60	96.60	5450.00	106.18	105.16	109.34	461.35	14.25	382.43	253.73
* 21661.000	23.00	107.60	105.60	96.60	8000.00	111.04	.00	111.51	119.14	7.13	2198.59	732.93
* 21661.000	23.00	107.60	105.60	96.60	8000.00	111.15	.00	111.73	134.73	7.64	1871.80	689.22
* 21661.000	23.00	107.60	105.60	96.60	16000.00	112.74	.00	113.38	151.90	9.04	3460.62	1298.19

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GREENHORNE &amp; O'MARA, INC.

## CHOCKOYOTTE CREEK, F2

## SUMMARY PRINTOUT TABLE 150

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
14002.000	2850.00	84.06	.00	.00	.00	816.27	.00
14002.000	6750.00	86.20	2.14	.00	.00	1129.17	.00
14002.000	9550.00	87.04	.84	.00	.00	1170.97	.00
14002.000	9550.00	87.42	.38	.00	3.36	800.00	.00
14002.000	18800.00	90.02	2.60	.00	.00	1584.91	.00
* 14072.000	2850.00	84.07	.00	.01	.00	50.00	70.00
* 14072.000	6750.00	89.16	5.09	2.96	.00	1460.42	70.00
* 14072.000	9550.00	90.01	.85	2.97	.00	1583.62	70.00
* 14072.000	9550.00	90.04	.03	2.62	5.97	800.00	70.00
* 14072.000	18800.00	91.73	1.69	1.71	.00	1699.96	70.00
* 14225.000	2850.00	85.32	.00	1.25	.00	1084.99	153.00
14225.000	6750.00	89.21	3.89	.05	.00	1464.85	153.00
14225.000	9550.00	90.08	.87	.07	.00	1588.34	153.00
14225.000	9550.00	90.15	.07	.11	4.83	800.00	153.00
14225.000	18800.00	91.87	1.72	.14	.00	1695.11	153.00
* 14295.000	2850.00	85.38	.00	.07	.00	50.00	70.00
14295.000	6750.00	90.08	4.70	.87	.00	1588.29	70.00
14295.000	9550.00	90.73	.65	.65	.00	1670.86	70.00
14295.000	9550.00	90.71	-.02	.57	5.33	800.00	70.00
* 14295.000	18800.00	92.16	1.45	.29	.00	1700.00	70.00
* 14345.000	2850.00	86.16	.00	.77	.00	1107.17	50.00
14345.000	6750.00	90.09	3.93	.01	.00	1535.71	50.00
14345.000	9550.00	90.74	.65	.01	.00	1623.88	50.00
14345.000	9550.00	90.73	-.01	.02	4.58	800.00	50.00
14345.000	18800.00	92.19	1.45	.03	.00	1693.48	50.00
14365.000	2850.00	86.18	.00	.02	.00	1128.50	20.00
14365.000	6750.00	90.11	3.93	.02	.00	1590.84	20.00
14365.000	9550.00	90.77	.66	.03	.00	1671.49	20.00
14365.000	9550.00	90.77	.00	.04	4.60	800.00	20.00
14365.000	18800.00	92.25	1.48	.06	.00	1700.00	20.00
* 15000.000	2850.00	86.62	.00	.45	.00	1075.62	635.00
15000.000	6750.00	90.35	3.72	.24	.00	1400.39	635.00
15000.000	9550.00	91.12	.77	.35	.00	1524.53	635.00
15000.000	9550.00	91.31	.19	.53	4.68	800.00	635.00
15000.000	18800.00	92.94	1.63	.69	.00	1685.90	635.00
* 16000.000	2850.00	88.33	.00	1.71	.00	1036.18	1000.00
* 16000.000	6750.00	91.15	2.82	.81	.00	1176.69	1000.00
* 16000.000	9550.00	92.14	.99	1.03	.00	1244.77	1000.00
16000.000	9550.00	92.61	.46	1.30	4.27	800.00	1000.00
16000.000	18800.00	94.49	1.89	1.55	.00	1642.49	1000.00

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GREENHORNE &amp; O'MARA, INC.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17000.000	2850.00	90.95	.00	2.62	.00	1042.55	1000.00
17000.000	6750.00	92.95	2.00	1.79	.00	1141.35	1000.00
17000.000	9550.00	94.04	1.09	1.89	.00	1194.12	1000.00
17000.000	9550.00	94.57	.53	1.96	3.62	800.00	1000.00
17000.000	18800.00	96.61	2.04	2.12	.00	1591.65	1000.00
18000.000	2850.00	93.42	.00	2.47	.00	1040.66	1000.00
18000.000	6750.00	95.38	1.96	2.43	.00	1137.90	1000.00
18000.000	9550.00	96.42	1.05	2.39	.00	1189.79	1000.00
18000.000	9550.00	96.92	.49	2.35	3.50	800.00	1000.00
18000.000	18800.00	99.00	2.08	2.39	.00	1576.96	1000.00
18300.000	2850.00	94.15	.00	.73	.00	452.44	300.00
18300.000	6750.00	96.10	1.95	.72	.00	511.52	300.00
* 18300.000	9550.00	97.12	1.01	.69	.00	531.26	300.00
* 18300.000	9550.00	97.56	.45	.65	3.41	400.00	300.00
* 18300.000	18800.00	99.54	1.97	.54	.00	578.75	300.00
19837.000	2850.00	99.17	.00	5.02	.00	569.25	1537.00
19837.000	6750.00	101.88	2.71	5.78	.00	650.69	1537.00
19837.000	9550.00	103.26	1.38	6.14	.00	691.85	1537.00
19837.000	9550.00	103.58	.32	6.02	4.41	599.64	1537.00
* 19837.000	18800.00	106.49	2.91	6.96	.00	937.71	1537.00
20237.000	2850.00	100.57	.00	1.40	.00	497.59	400.00
20237.000	6750.00	103.09	2.52	1.20	.00	529.98	400.00
20237.000	9550.00	104.43	1.34	1.17	.00	547.28	400.00
20237.000	9550.00	104.73	.30	1.15	4.16	445.00	400.00
20237.000	18800.00	107.58	2.85	1.09	.00	592.91	400.00
20637.000	2850.00	101.54	.00	.97	.00	577.44	400.00
20637.000	6750.00	104.20	2.66	1.11	.00	657.17	400.00
20637.000	9550.00	105.60	1.40	1.17	.00	699.58	400.00
20637.000	9550.00	105.90	.30	1.17	4.36	600.00	400.00
20637.000	18800.00	108.96	3.06	1.38	.00	942.17	400.00
20737.000	2850.00	101.88	.00	.34	.00	587.67	100.00
20737.000	6750.00	104.49	2.61	.29	.00	665.64	100.00
20737.000	9550.00	105.88	1.39	.28	.00	895.69	100.00
20737.000	9550.00	106.18	.30	.28	4.30	600.00	100.00
20737.000	18800.00	109.22	3.04	.26	.00	945.35	100.00
20937.000	2850.00	102.33	.00	.45	.00	601.16	200.00
20937.000	6750.00	104.95	2.62	.46	.00	679.60	200.00
20937.000	9550.00	106.34	1.39	.46	.00	910.29	200.00
20937.000	9550.00	106.65	.30	.47	4.31	600.00	200.00
20937.000	18800.00	109.67	3.02	.45	.00	950.92	200.00

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GREENHORNE &amp; O'MARA, INC.

6/25/91

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPW:D	XLCH
21137.000	2850.00	102.65	.00	.32	.00	610.70	200.00
21137.000	6750.00	105.31	2.66	.36	.00	690.37	200.00
21137.000	9550.00	106.72	1.41	.37	.00	914.83	200.00
21137.000	9550.00	107.03	.31	.38	4.38	600.00	200.00
21137.000	18800.00	110.05	3.02	.38	.00	955.54	200.00
* 21637.000	2350.00	101.86	.00	-.80	.00	41.00	500.00
* 21637.000	5450.00	105.86	4.00	.55	.00	617.08	500.00
* 21637.000	8000.00	107.30	1.44	.59	.00	660.26	500.00
* 21637.000	8000.00	107.66	.36	.63	5.80	579.59	500.00
* 21637.000	16000.00	110.69	3.03	.64	.00	926.73	500.00
21638.000	2350.00	102.80	.00	.94	.00	52.42	1.00
* 21638.000	5450.00	105.16	2.37	-.70	.00	56.38	1.00
* 21638.000	8000.00	109.85	4.69	2.55	.00	643.30	1.00
* 21638.000	8000.00	109.84	-.01	2.18	7.05	456.95	1.00
* 21638.000	16000.00	111.34	1.50	.65	.00	723.84	1.00
21661.000	2350.00	103.37	.00	.57	.00	53.39	23.00
21661.000	5450.00	106.18	2.82	1.02	.00	58.68	23.00
* 21661.000	8000.00	111.04	4.86	1.19	.00	712.73	23.00
* 21661.000	8000.00	111.15	.10	1.30	7.78	516.47	23.00
* 21661.000	16000.00	112.74	1.59	1.40	.00	775.54	23.00

# RECEIVED

JUN 27 1991

GREENHORNE & O'MARA, INC.

THIS RUN EXECUTED 1/27/91 14: 3: 6

\*\*\*\*\*  
HEC2 RELEASE DATED SEP 88 UPDATED SEPT 1989

PROP. COND.

ERROR CORR - 01,02,03  
MODIFICATION -  
\*\*\*\*\*

T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
T2 FILENAME: HALF2.DAT ENG: RKW CHK: DKH  
T3 CHOCKOYOTTE CREEK, FZ DATE: 12/14/90 100-YEAR EVENT

J1 ICHECK INQ NINW IDIR STRT METRIC HVINS Q WSEL FO  
-1.0 4.0 0.00 -1.0 84.06

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC IBI CHNIM ITRACE  
1.0 -1.0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT  
150.

J5 LPRNT HUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*  
-10. -10.

NC	0.14	0.14	0.05							
QT	5	9550.	9550.	2850.	6750.	18800.				
ET			4.1	1400.	2200.					
X1	14002	21	1833.	1883.						
X3	10.							83.8	83.8	
GR	95.2	1000.	87.4	1180.	84.2	1280.	84.1	1380.	84.2	1480.
GR	82.9	1580.	82.3	1680.	81.1	1780.	78.7	1833.	76.2	1867.
GR	76.2	1873.	78.5	1883.	81.2	1980.	81.3	2080.	82.6	2180.
GR	82.6	2280.	88	2380.	88.5	2480.	89.	2580.	89.8	2680.
GR	90.7	2780.								
SB	1.25	1.26	2.5		48.8	1.8	436.8		74.6	74.6
ET			4.1	1400	2200					
X1	14072				70	70	70			
X2			1	83.8	87.6					
X3	10.									
BT	6.	1000.	95.2		1480.	88.6		87.8	87.8	
BT	1883.	88.		2280.	89.7		2780.	1780.	87.9	
ET			4.1	1400.	2200.					
X1	14225.	21.	1753.	1803.	153.	153.	153.			
X3	10.							84.4	84.4	
GR	92.1	1000.	87.4	1100.	84.2	1200.	84.1	1300.	84.2	1400.
GR	82.9	1500.	82.3	1600.	81.1	1700.	78.7	1753.	76.2	1787
GR	76.2	1793.	78.5	1803.	81.2	1900.	81.3	2000.	82.6	2100.
GR	82.6	2200.	88.	2300.	88.5	2400.	89.	2500.	89.8	2600.



ET 4.1 1200. 1800.

X-SECTION DOWNSTREAM FROM HOSPITAL

X1	19837.	22.	1473.	1514.	1537.	1537.	1537.	-5.1.		
GR	108.9.	1000.	108.7.	1100.	108.7.	1200.	103.6.	1300.	101.8.	1400.
GR	102.1.	1454.	99.2.	1462.	99.0.	1472.	99.0.	1473.	96.6.	1478.
GR	96.6.	1490.	96.9.	1505.	96.9.	1506.	97.0.	1507.	100.5.	1514.
GR	101.6.	1526.	103.1.	1600.	102.2.	1700.	103.3.	1800.	103.0.	1843.
GR	108.5.	1900.	116.7.	2000.						

ET 4.1 (1355) 1800.

NARROWED FLOODWAY AT HOSPITAL

X-SECTION AT HOSPITAL

X1	20237.	22.	1473.	1514.	400.	400.	400.	1402		1406
GR	118.0.	(1339) 1329	108.0.	(1340) 1330	104.0.	(1350) 1362	96.0.	(1370)	95.0.	(1380) REVISSED
GR	95.0.	1430.	96.0.	1450.	96.3 96.3?	1472.	96.3 96.3?	1473.	92.9.	1478.
GR	92.9.	1490.	93.2.	1505.	93.2.	1506.	93.3.	1507.	96.8.	1514.
GR	(97.9) 8	1526.	99.4.	1600.	98.5.	1700.	99.6.	1800.	99.3.	1843.
GR	104.8.	1900.	113.0.	2000.						

ET 4.1 1200. (1874)

FEMA X-SECTION UPSTREAM FROM HOSPITAL

X1	20637.	22.	1473.	1514.	400.	400.			-3.0.	
GR	108.9.	1000.	108.7.	1100.	108.7.	1200.	103.6.	1300.	101.8.	1400.
GR	102.1.	1454.	99.2.	1462.	99.0.	1472.	99.0.	1473.	96.6.	1478.
GR	96.6.	1490.	96.9.	1505.	96.9.	1506.	97.0.	1507.	100.5.	1514.
GR	101.6.	1526.	103.1.	1600.	102.2.	1700.	103.3.	1800.	103.0.	1843.
GR	108.5.	1900.	116.7.	2000.						

ET 4.1 1200. (1874)

X1 20737. 100. 100.

ET 4.1 1200. (1874)

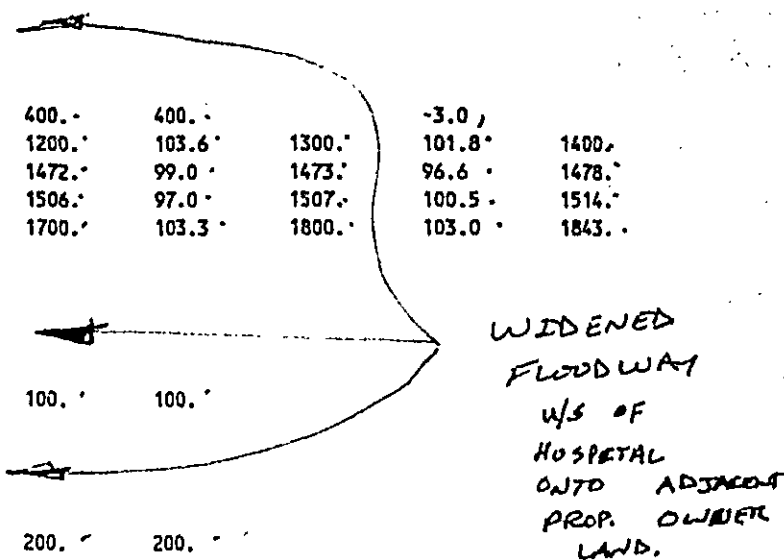
X1 20937. 200. 200.

ET 4.1 1200. 1800.

X1 21137. 200. 200.

QT	5.0.	8000.	8000.	2350.	5450.	16000.				
NH	5.0.	0.14.	1454.	0.14.	1473.	0.04.	1514.	0.14.	1526.	0.14.
NH	2000.									

ET 4.1 1200. 1800.





X-SECTION DOWNSTREAM FROM BRIDGE

X1	21637.		1454.	1526.	500.	500.	500.		3	
X3	10							105.6	105.6	
ET			4.1	1200.	1800.					
NC	0.14	0.14	0.05							
		BRIDGE								
X1	21638.	29.	1454.	1526.	1.	1.	1.			
X2										
X4	2.	105.6	1454.	105.4	1506.					
BT	18.	1000.	110.4		1200.	107.9		1300.	107.7	
BT	1400.	107.6		1453.	107.6		1454.	107.6	105.6	1472.
BT	107.6	105.6	1473.	107.6	105.4	1506.	107.6	105.4	1507.	107.7
BT		1526.	107.7		1527.	107.7		1600.	108.6	
BT	1700.	110.7		1800.	113.4		1843.	114.5		1900.
BT	116.4		2000.	120.2						
GR	110.4	1000.	106.5	1100.	107.9	1200.	107.7	1300.	107.6	1400.
GR	107.6	1453.	102.1	1454.5	99.2	1462.	99.1	1471.	99.1	1471.5
GR	99.0	1472.	99.0	1472.5	99.	1473.	96.6	1478.	96.6	1490.
GR	96.9	1505.	107.6	1505.	107.6	1506.1	107.6	1506.5	107.7	1507.
GR	110.4	1514.	101.6	1526.	107.7	1527.	108.6	1600.	110.7	1700.
GR	113.4	1800.	113.	1843.	116.4	1900.	120.2	2000.		

ET			4.1	1200.	1800.					
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X-SECTION UPSTREAM FROM BRIDGE

X1	21661.			23.	23.	23.				
X2						1.				

THIS RUN EXECUTED 1/27/91 14: 1:15

Ex. COND.

\*\*\*\*\*  
V HEC2 RELEASE DATED SEP 88 UPDATED SEPT 1989

X  
B ERROR CORR - 01,02,03  
MODIFICATION -  
\*\*\*\*\*

E  
X  
T1 DENNIS K. HOYLE & ASSOCIATES, P.C. HALIFAX CO/ROANOKE RAPIDS, NC FIS  
- T2 FILENAME: HALF1.DAT ENG: RKW CHK: DKH  
X T3 CHOCKOYOTTE CREEK, F1 DATE: 12/14/90 100-YEAR EVENT

G  
J1 ICHECK INQ MINV IDIR STRT METRIC HVINS Q WSEL FO  
G -1.0 4.0 0.00 -1.0 84.06

E  
X J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM ITRACE  
X 1.0 -1.0

X J3 VARIABLE CODES FOR SUMMARY PRINTOUT  
150.

F  
J5 LPRNT NUMSEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*  
-10. -10.

NC	0.14	0.14	0.05							
QT	5	9550	9550	2850	6750	18800				
ET			4.1	1400	2200					
X1	14002	21	1833	1883						
X3	10							83.8	83.8	
GR	95.2	1000	87.4	1180	84.2	1280	84.1	1380	84.2	1480
GR	82.9	1580	82.3	1680	81.1	1780	78.7	1833	76.2	1867
GR	76.2	1873	78.5	1883	81.2	1980	81.3	2080	82.6	2180
GR	82.6	2280	88	2380	88.5	2480	89	2580	89.8	2680
GR	90.7	2780								
SB	1.25	1.26	2.5		48.8	1.8	436.8		74.6	74.6
ET			4.1	1400	2200					
X1	14072				70	70	70			
X2			1	83.8	87.6					
X3	10							87.8	87.8	
BT	6	1000	95.2		1480	88.6		1780	87.9	
BT	1883	88		2280	89.7		2780	92.1		
ET			4.1	1400	2200					
X1	14225	21	1753	1803	153	153	153			
X3	10							84.4	84.4	
GR	92.1	1000	87.4	1100	84.2	1200	84.1	1300	84.2	1400
GR	82.9	1500	82.3	1600	81.1	1700	78.7	1753	76.2	1787
GR	76.2	1793	78.5	1803	81.2	1900	81.3	2000	82.6	2100
GR	82.6	2200	88	2300	88.5	2400	89	2500	89.8	2600

GR	90.7	2700.								
SB	1.25	1.26	2.5	48.8	1.8	436.8		75.3	75.3	
ET			4.1	1400.	2200.					
X1	14295.				70.	70.0				
X2			1.0	84.4	87.9					
X3	10.						87.9	87.9		
BT	6.	1000.	92.1	1480.	88.6		1780.	87.9		
BT	1803.	88.		2200.	89.7	2700.	92.1			
ET			4.1	1400.	2200.					
X1	14345.				50.	50.	50.	0.4		
ET			4.1	1400.	2200.					
X1	14365.	22.	1750.	1767.	20.	20.	20.			
GR	92.1	1000.	87.4	1100.	84.2	1200.	84.1	1300.	84.2	1400.
GR	82.9	1500.	82.3	1600.	81.1	1700.	80.	1750.	75.	1753.
GR	76.1	1759.	76.4	1767.	80.5	1770.	81.2	1900.	81.3	2000.
GR	82.6	2100.	82.6	2200.	88.	2300.	88.5	2400.	89.	2500.
GR	89.8	2600.	90.7	2700.						
ET			4.1	1400.	2200.					
X1	15000.				635.	635.	635.		1.5	
ET			4.1	1400.	2200.					
X1	16000.				1000.	1000.	1000.		2.5	
ET			4.1	1400.	2200.					
X1	17000.				1000.	1000.	1000.		2.5	
ET			4.1	1400.	2200.					
X1	18000.				1000.	1000.	1000.		2.5	
ET			4.1	1450.	1850.					

EXISTING X-SECTION ADDED  
FILENAME: HALF1.DAT

CHOCKOYOTTE CREEK.

X1	18300.	21.	1715.	1739.	300.	300.	300.			
GR	115.9	1000.	116.6	1100.	110.7	1200.	104.6	1300.	103.3	1327.
GR	96.1	1400.	91.3	1500.	91.4	1600.	90.6	1700.	88.6	1707.
GR	88.7	1715.	86.7	1718.	85.7	1727.	86.6	1737.	89.3	1739.
GR	90.4	1755.	89.9	1800.	89.9	1852.	94.9	1900.	100.5	1953.
GF	116.	2100.								

A

B

ET 4.1 - 1200. 1800.

X-SECTION DOWNSTREAM FROM HOSPITAL

X1	19837.	22.	1473.	1514.	1537.	1537.	1537.		-5.09?	
GR	108.9	1000.	108.7	1100.	108.7	1200.	103.6	1300.	101.8	1400.
GR	102.1	1454.	99.2	1462.	99.0	1472.	99.0	1473.	96.6	1478.
GR	96.6	1490.	96.9	1505.	96.9	1506.	97.0	1507.	100.5	1514.
GR	101.6	1526.	103.1	1600.	102.2	1700.	103.3	1800.	103.0	1843.
GR	108.5	1900.	116.7	2000.						

ADDED

ET 4.1 - 1262. 1800.

CLOSE ENOUGH

X-SECTION AT HOSPITAL

X1	20237.	22.	1473.	1514.	400.	400.	400.			
GR	118.0	1235.	108.0	1236.	106.0	1251.	99.0	1328.	97.0	1353.
GR	95.0	1381.	95.0	1428.	96.0	1453.	95.31	1473.	92.91	1478.
GR	92.91	1490.	93.21	1505.	93.21	1506.	93.31	1507.	96.81	1514.
GR	97.81	1526.	99.41	1600.	98.51	1700.	99.61	1800.	99.31	1843.
GR	104.81	1900.	113.01	2000.						

ET 4.1 - 1200. 1800.

FEMA X-SECTION UPSTREAM FROM HOSPITAL

X1	20637.	22.	1473.	1514.	400.	400.	400.		-3.0	
GR	108.9	1000.	108.7	1100.	108.7	1200.	103.6	1300.	101.8	1400.
GR	102.1	1454.	99.2	1462.	99.0	1472.	99.0	1473.	96.6	1478.
GR	96.6	1490.	96.9	1505.	96.9	1506.	97.0	1507.	100.5	1514.
GR	101.6	1526.	103.1	1600.	102.2	1700.	103.3	1800.	103.0	1843.
GR	108.5	1900.	116.7	2000.						

ET 4.1 - 1200. 1800.

X1 20737. 100. 100. 100.

ET 4.1 - 1200. 1800.

X1 20937. 200. 200. 200.

ET 4.1 - 1200. 1800.

X1 21137. 200. 200. 200.

QT 5.0 8000. 8000. 2350. 5450. 16000.

NH 5.0 0.14 1454. 0.14 1473. 0.04 1516. 0.14 1526. 0.14

NH 2000.

ET 4.1 - 1200. 1800.

X-SECTION DOWNSTREAM FROM BRIDGE

X1	21637.		1454.	1526.	500.	500.	500.		3	
X3	10							105.6	105.6	
ET			4.1	1200.	1800.					
NC	0.14	0.14	0.05							
		BRIDGE								
X1	21638.	29.	1454.	1526.	1.	1.	1.			
X2										
X4	2.	105.6	1454.	105.4	1506.					
BT	18.	1000.	110.4		1200.	107.9		1300.	107.7	
BT	1400.	107.6		1453.	107.6		1454.	107.6	105.6	1472.
BT	107.6	105.6	1473.	107.6	105.4	1506.	107.6	105.4	1507.	107.7
BT		1526.	107.7		1527.	107.7		1600.	108.6	
BT	1700.	110.7		1800.	113.4		1843.	114.5		1900.
BT	116.4		2000.	120.2						
GR	110.4	1000.	106.5	1100.	107.9	1200.	107.7	1300.	107.6	1400.
GR	107.6	1453.	102.1	1454.5	99.2	1462.	99.1	1471.	99.1	1471.5
GR	99.0	1472.	99.0	1472.5	99.	1473.	96.6	1478.	96.6	1490.
GR	96.9	1505.	107.6	1505.	107.6	1506.1	107.6	1506.5	107.7	1507.
GR	110.4	1514.	101.6	1526.	107.7	1527.	108.6	1600.	110.7	1700.
GR	113.4	1800.	113.	1843.	116.4	1900.	120.2	2000.		
ET			4.1	1200.	1800.					

X-SECTION UPSTREAM FROM BRIDGE

X1	21661.			23.	23.	23.				
X2						1.				