

BAYOU CHAUVIN WATERSHED TMDL  
FOR BIOCHEMICAL OXYGEN-DEMANDING SUBSTANCES

Subsegment 080102

SURVEYED 09/25/1994 – 10/05/1994 AND 5/31/2000 – 6/01/2000

TMDL REPORT

VOLUME 2

Engineering Group 2  
Environmental Technology Division  
Office of Environmental Assessment  
Louisiana Department of Environmental Quality

May 29, 2002

## APPENDIX K – CALIBRATION OUTPUT

LA-QUAL Version 4.13  
 Louisiana Department of Environmental Quality

Input file is D:\Chauvin\1994-Model\Cal\ChauvinCal09.txt  
 Output produced at 13:34 on 07/17/2001

\$\$\$ DATA TYPE 1 (TITLES AND CONTROL CARDS) \$\$\$

CARD TYPE	CONTROL TITLES	
TITLE01	BAYOU CHAUVIN CALIBRATION	
TITLE02		
CNTROL11	NO	SEQUENCING OUTPUT
CNTROL12	YES	METRIC UNITS
CNTROL13	YES	OXYGEN DEPENDENT RATES
ENDATA01		

\$\$\$ DATA TYPE 2 (MODEL OPTIONS) \$\$\$

CARD TYPE	MODEL OPTION		
MODOPT01	NO	TEMPERATURE	
MODOPT02	NO	SALINITY	
MODOPT03	YES	CONSERVATIVE MATERIAL I = CHLORIDES	IN MG/L
MODOPT04	YES	CONSERVATIVE MATERIAL II = SULFATES	IN MG/L
MODOPT05	YES	DISSOLVED OXYGEN	
MODOPT06	YES	BIOCHEMICAL OXYGEN DEMAND	
MODOPT07	NO	NITROGEN	
MODOPT08	NO	PHOSPHORUS	
MODOPT09	NO	CHLOROPHYLL A	
MODOPT10	NO	MACROPHYTES	
MODOPT11	NO	COLIFORM	
MODOPT12	YES	NONCONSERVATIVE MATERIAL = NBOD	IN MG/L
ENDATA02			

\$\$\$ DATA TYPE 3 (PROGRAM CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
PROGRAM	MAXIMUM ITERATION LIMIT	= 200.00000
PROGRAM	NCM OXYGEN UPTAKE RATE	= 1.00000
PROGRAM	KL MINIMUM	= 0.70000
PROGRAM	OCEAN EXCHANGE RATIO	= 0.00000
PROGRAM	K2 MAXIMUM	= 25.00000
PROGRAM	ALGAE OXYGEN PROD	= 0.14000
PROGRAM	SETTLING RATE UNITS	= 2.00000
PROGRAM	HYDROLOGIC CALCULATION METHOD	= 2.00000
PROGRAM	BENTHAL MAXIMUM RATE	= 10.00000
PROGRAM	EFFECTIVE BOD DUE TO ALGAE	= 0.02000

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

PROGRAM                   DISPERSION EQUATION                   =                   1.00000  
 ENDATA03

\$\$\$ DATA TYPE 4 (TEMPERATURE CORRECTION CONSTANTS FOR RATE COEFFICIENTS) \$\$\$

CARD TYPE	RATE CODE	THETA VALUE
THETA	BENTHAL	1.06500
THETA	NCM DECA	1.07000

ENDATA04

\$\$\$ CONSTANTS TYPE 5 (TEMPERATURE DATA) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA05		

\$\$\$ DATA TYPE 6 (ALGAE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ALGAE	O PRODUCTION DUE TO GROWTH	1.60000
ALGAE	O UPTAKE DUE TO RESPIRATION	2.00000

ENDATA06

\$\$\$ DATA TYPE 7 (MACROPHYTE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA07		

\$\$\$ DATA TYPE 8 (REACH IDENTIFICATION DATA) \$\$\$

CARD TYPE	REACH	ID	NAME	BEGIN REACH km	END REACH km	ELEM LENGTH km	REACH LENGTH km	ELEMS PER RCH	BEGIN ELEM NUM	END ELEM NUM
REACH ID	1	BC	HWY 139 TO LAKEWOOD DR	10.90	TO 10.18	0.0200	0.72	36	1	36
REACH ID	2	BC	LAKEWOOD DR TO BAYOU OAKS DITCH	10.18	TO 9.98	0.0200	0.20	10	37	46
REACH ID	3	BO	BAYOU OAKS POND TO BAYOU CHAUVIN	0.08	TO 0.00	0.0100	0.08	8	47	54
REACH ID	4	BC	BAYOU OAKS DITCH TO JOE WHITE RD	9.98	TO 9.70	0.0200	0.28	14	55	68
REACH ID	5	BC	J WHITE RD TO CONTROL STRUCTURE	9.70	TO 9.22	0.0200	0.48	24	69	92
REACH ID	6	BC	CONT STRUCT TO OAKWOOD POND #2	9.22	TO 6.20	0.0200	3.02	151	93	243
REACH ID	7	BC	OAKWOOD #2 TO OLD STERLINGTON RD	6.20	TO 5.44	0.0200	0.76	38	244	281
REACH ID	8	BC	OLD ST RD TO WEST ELMWOOD DITCH	5.44	TO 5.24	0.0200	0.20	10	282	291
REACH ID	9	WE	W ELMWOOD POND TO BAYOU CHAUVIN	0.36	TO 0.00	0.0100	0.36	36	292	327
REACH ID	10	BC	W ELMWOOD DITCH TO ALM RR	5.24	TO 4.68	0.0200	0.56	28	328	355
REACH ID	11	WE	ALM RR TO NORTH MONROE DITCH	4.68	TO 4.36	0.0200	0.32	16	356	371
REACH ID	12	NM	N MONROE SD #1 POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	372	431
REACH ID	13	BC	N MONROE DITCH TO HWY 165	4.36	TO 4.12	0.0200	0.24	12	432	443
REACH ID	14	BC	HWY 165 TO NORTH GATE DITCH	4.12	TO 3.86	0.0200	0.26	13	444	456
REACH ID	15	NG	N GATE ESTATES POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	457	516

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

REACH ID	16	BC	N GATE DITCH TO NORTHSIDE DITCH	3.86	TO	3.06	0.0200	0.80	40	517	556
REACH ID	17	NS	N SIDE ESTATES POND TO B CHAUVIN	0.70	TO	0.00	0.0100	0.70	70	557	626
REACH ID	18	BC	N SIDE DITCH TO OUACHITA R LEVEE	3.06	TO	0.00	0.0200	3.06	153	627	779

ENDATA08

\$\$\$ DATA TYPE 9 (ADVECTIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	WIDTH "A"	WIDTH "B"	WIDTH "C"	DEPTH "D"	DEPTH "E"	DEPTH "F"	SLOPE	MANNINGS "N"
HYDR-1	1	BC	0.000	0.000	7.925	0.000	0.000	0.229	0.00000	0.070
HYDR-1	2	BC	0.000	0.000	10.363	0.000	0.000	0.229	0.00000	0.070
HYDR-1	3	BO	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	4	BC	0.000	0.000	12.802	0.000	0.000	0.229	0.00000	0.070
HYDR-1	5	BC	0.000	0.000	10.973	0.000	0.000	0.229	0.00000	0.070
HYDR-1	6	BC	0.000	0.000	9.449	0.000	0.000	0.408	0.00000	0.070
HYDR-1	7	BC	0.000	0.000	10.973	0.000	0.000	0.360	0.00000	0.070
HYDR-1	8	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	9	WE	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	10	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	11	WE	0.000	0.000	12.192	0.000	0.000	0.274	0.00000	0.070
HYDR-1	12	NM	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	13	BC	0.000	0.000	15.240	0.000	0.000	0.274	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 14										
HYDR-1	14	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	15	NG	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 16										
HYDR-1	16	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	17	NS	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 18										
HYDR-1	18	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070

ENDATA09

\$\$\$ DATA TYPE 10 (DISPERSIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	TIDAL RANGE	DISPERSION "A"	DISPERSION "B"	DISPERSION "C"	DISPERSION "D"
HYDR	1	BC	0.00	0.001	0.000	0.000	0.000
HYDR	2	BC	0.00	0.000	0.000	0.000	0.000
HYDR	4	BC	0.00	0.000	0.000	0.000	0.000
HYDR	5	BC	0.00	0.001	0.000	0.000	0.000
HYDR	6	BC	0.00	0.002	0.000	0.000	0.000
HYDR	7	BC	0.00	0.031	0.000	0.000	0.000
HYDR	8	BC	0.00	0.010	0.000	0.000	0.000
HYDR	10	BC	0.00	0.010	0.000	0.000	0.000
HYDR	11	WE	0.00	0.077	0.000	0.000	0.000
HYDR	13	BC	0.00	0.093	0.000	0.000	0.000
HYDR	14	BC	0.00	0.077	0.000	0.000	0.000
HYDR	16	BC	0.00	0.078	0.000	0.000	0.000
HYDR	18	BC	0.00	0.075	0.000	0.000	0.000

ENDATA10

\$\$\$ DATA TYPE 11 (INITIAL CONDITIONS) \$\$\$

CARD TYPE	REACH	ID	TEMP	SALIN	DO	NH3	NO3+2	PHOS	CHL A	MACRO
INITIAL	1	BC	25.10	0.00	3.00	0.00	0.00	0.00	90.00	0.00
INITIAL	2	BC	23.40	0.00	3.00	0.00	0.00	0.00	8.00	0.00
INITIAL	3	BO	23.90	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	4	BC	24.40	0.00	3.00	0.00	0.00	0.00	50.00	0.00
INITIAL	5	BC	24.40	0.00	3.00	0.00	0.00	0.00	109.00	0.00
INITIAL	6	BC	25.00	0.00	3.00	0.00	0.00	0.00	53.00	0.00
INITIAL	7	BC	24.50	0.00	3.00	0.00	0.00	0.00	21.00	0.00
INITIAL	8	BC	25.10	0.00	3.00	0.00	0.00	0.00	65.00	0.00
INITIAL	9	WE	25.30	0.00	3.00	0.00	0.00	0.00	200.00	0.00
INITIAL	10	BC	25.30	0.00	3.00	0.00	0.00	0.00	64.00	0.00
INITIAL	11	WE	25.60	0.00	3.00	0.00	0.00	0.00	61.00	0.00
INITIAL	12	NM	26.20	0.00	3.00	0.00	0.00	0.00	200.00	0.00
INITIAL	13	BC	26.20	0.00	3.00	0.00	0.00	0.00	68.00	0.00
INITIAL	14	BC	26.70	0.00	3.00	0.00	0.00	0.00	75.00	0.00
INITIAL	15	NG	25.50	0.00	3.00	0.00	0.00	0.00	199.00	0.00
INITIAL	16	BC	25.50	0.00	3.00	0.00	0.00	0.00	70.00	0.00
INITIAL	17	NS	24.20	0.00	3.00	0.00	0.00	0.00	893.00	0.00
INITIAL	18	BC	24.20	0.00	3.00	0.00	0.00	0.00	60.00	0.00

ENDATA11

\$\$\$ DATA TYPE 12 (REAERATION, SEDIMENT OXYGEN DEMAND, BOD COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	K2 OPT	K2 "A"	K2 "B"	K2 "C"	BKGRND SOD	AEROB BOD DECAY	BOD SETT	BOD CONV TO SOD	ANAER BOD DECAY
COEF-1	1	BC	15 LOUISIANA	0.000	0.000	0.000	4.000	0.200	0.150	1.000	0.000
COEF-1	2	BC	15 LOUISIANA	0.000	0.000	0.000	4.000	0.200	0.150	1.000	0.000
COEF-1	3	BO	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	4	BC	15 LOUISIANA	0.000	0.000	0.000	2.500	0.200	0.150	1.000	0.000
COEF-1	5	BC	15 LOUISIANA	0.000	0.000	0.000	1.400	0.200	0.150	1.000	0.000
COEF-1	6	BC	15 LOUISIANA	0.000	0.000	0.000	2.400	0.200	0.150	1.000	0.000
COEF-1	7	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	8	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	9	WE	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	10	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	11	WE	15 LOUISIANA	0.000	0.000	0.000	0.200	0.200	0.150	1.000	0.000
COEF-1	12	NM	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	13	BC	15 LOUISIANA	0.000	0.000	0.000	0.200	0.200	0.150	1.000	0.000
COEF-1	14	BC	15 LOUISIANA	0.000	0.000	0.000	0.300	0.200	0.150	1.000	0.000
COEF-1	15	NG	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	16	BC	15 LOUISIANA	0.000	0.000	0.000	0.300	0.200	0.150	1.000	0.000
COEF-1	17	NS	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000
COEF-1	18	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.200	0.150	1.000	0.000

ENDATA12

\$\$\$ DATA TYPE 13 (NITROGEN AND PHOSPHORUS COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	ORG-N DECA	ORG-N SETT	ORGN CONV TO NH3 SRCE	NH3 DECA	NH3 SRCE	PHOS SRCE	DENIT RATE
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ENDATA13

\$\$\$ DATA TYPE 14 (ALGAE AND MACROPHYTE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	SECCHI DEPTH	ALGAE: CHL A	ALGAE SETT	ALG CONV TO SOD	ALGAE GROW	ALGAE RESP	MACRO GROW	MACRO RESP
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ENDATA14

\$\$\$ DATA TYPE 15 (COLIFORM AND NONCONSERVATIVE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	COLIFORM DIE-OFF	NCM DECAY	NCM SETT	NCM CONV TO SOD
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COEF-4	1	BC	0.00	0.10	0.10	1.00
COEF-4	2	BC	0.00	0.10	0.10	1.00
COEF-4	3	BO	0.00	0.10	0.10	1.00
COEF-4	4	BC	0.00	0.10	0.10	1.00
COEF-4	5	BC	0.00	0.10	0.10	1.00
COEF-4	6	BC	0.00	0.10	0.10	1.00
COEF-4	7	BC	0.00	0.10	0.10	1.00
COEF-4	8	BC	0.00	0.10	0.10	1.00
COEF-4	9	WE	0.00	0.10	0.10	1.00
COEF-4	10	BC	0.00	0.10	0.10	1.00
COEF-4	11	WE	0.00	0.10	0.10	1.00
COEF-4	12	NM	0.00	0.10	0.10	1.00
COEF-4	13	BC	0.00	0.10	0.10	1.00
COEF-4	14	BC	0.00	0.10	0.10	1.00
COEF-4	15	NG	0.00	0.10	0.10	1.00
COEF-4	16	BC	0.00	0.10	0.10	1.00
COEF-4	17	NS	0.00	0.10	0.10	1.00
COEF-4	18	BC	0.00	0.10	0.10	1.00

ENDATA15

\$\$\$ DATA TYPE 16 (INCREMENTAL DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	OUTFLOW	INFLOW	TEMP	SALIN	CM-I	CM-II	IN/DIST	OUT/DIST
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INCR-1	1	BC	-0.00029	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00040
INCR-1	2	BC	-0.00008	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00040
INCR-1	3	BO	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	4	BC	-0.00011	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00039
INCR-1	5	BC	-0.00019	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00040
INCR-1	6	BC	-0.00120	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00040
INCR-1	7	BC	-0.00030	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00039
INCR-1	8	BC	-0.00008	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00040

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-1	9	WE	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	10	BC	-0.00023	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00041
INCR-1	11	WE	-0.00012	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00038
INCR-1	12	NM	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	13	BC	-0.00010	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00042
INCR-1	14	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	15	NG	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	16	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	17	NS	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	18	BC	0.00000	0.00500	25.00	0.00	27.50	17.50	0.00163	0.00000

ENDATA16

\$\$\$ DATA TYPE 17 (INCREMENTAL DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	REACH	ID	DO	BOD	ORG-N	NH3	NO3+2
INCR-2	1	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	2	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	3	BO	3.00	0.00	0.00	0.00	0.00
INCR-2	4	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	5	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	6	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	7	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	8	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	9	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	10	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	11	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	12	NM	3.00	0.00	0.00	0.00	0.00
INCR-2	13	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	14	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	15	NG	3.00	0.00	0.00	0.00	0.00
INCR-2	16	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	17	NS	3.00	0.00	0.00	0.00	0.00
INCR-2	18	BC	3.00	2.00	0.00	0.00	0.00

ENDATA17

\$\$\$ DATA TYPE 18 (INCREMENTAL DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	PHOS	CHL A	COLI	NCM
INCR-3	1	BC	0.00	0.00	0.00	0.00
INCR-3	2	BC	0.00	0.00	0.00	0.00
INCR-3	3	BO	0.00	0.00	0.00	0.00
INCR-3	4	BC	0.00	0.00	0.00	0.00
INCR-3	5	BC	0.00	0.00	0.00	0.00
INCR-3	6	BC	0.00	0.00	0.00	0.00
INCR-3	7	BC	0.00	0.00	0.00	0.00
INCR-3	8	BC	0.00	0.00	0.00	0.00
INCR-3	9	WE	0.00	0.00	0.00	0.00
INCR-3	10	BC	0.00	0.00	0.00	0.00
INCR-3	11	WE	0.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-3	12	NM	0.00	0.00	0.00	0.00
INCR-3	13	BC	0.00	0.00	0.00	0.00
INCR-3	14	BC	0.00	0.00	0.00	0.00
INCR-3	15	NG	0.00	0.00	0.00	0.00
INCR-3	16	BC	0.00	0.00	0.00	0.00
INCR-3	17	NS	0.00	0.00	0.00	0.00
INCR-3	18	BC	0.00	0.00	0.00	2.00

ENDATA18

\$\$\$ DATA TYPE 19 (NONPOINT SOURCE DATA) \$\$\$

CARD TYPE	REACH	ID	BOD	ORG-N	COLI	NCM	DO
NONPOINT	1	BC	1.10	0.00	0.00	6.20	0.00
NONPOINT	2	BC	0.20	0.00	0.00	2.50	0.00
NONPOINT	3	BO	0.00	0.00	0.00	0.00	0.00
NONPOINT	4	BC	0.00	0.00	0.00	6.00	0.00
NONPOINT	5	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	6	BC	33.00	0.00	0.00	17.50	0.00
NONPOINT	7	BC	45.00	0.00	0.00	13.80	0.00
NONPOINT	8	BC	5.00	0.00	0.00	3.70	0.00
NONPOINT	9	WE	0.00	0.00	0.00	0.00	0.00
NONPOINT	10	BC	10.00	0.00	0.00	2.70	0.00
NONPOINT	11	WE	18.00	0.00	0.00	11.00	0.00
NONPOINT	12	NM	0.00	0.00	0.00	0.00	0.00
NONPOINT	13	BC	19.00	0.00	0.00	9.00	0.00
NONPOINT	14	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	15	NG	0.00	0.00	0.00	0.00	0.00
NONPOINT	16	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	17	NS	0.00	0.00	0.00	0.00	0.00
NONPOINT	18	BC	0.00	0.00	0.00	0.00	0.00

ENDATA19

\$\$\$ DATA TYPE 20 (HEADWATER FOR FLOW, TEMPERATURE, SALINITY AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	UNIT	FLOW	TEMP	SALIN	CM-I	CM-II
HDWTR-1	1	B CHAUVIN @ HWY 139	0	0.00283	25.100	0.000	34.000	6.000
HDWTR-1	47	BAYOU OAKS DITCH	0	0.00028	23.900	0.000	10.000	7.000
HDWTR-1	292	WEST ELMWOOD DITCH	0	0.00028	25.300	0.000	10.000	7.000
HDWTR-1	372	NORTH MONROE DITCH	0	0.00028	26.700	0.000	10.000	7.000
HDWTR-1	457	NORTH GATE DITCH	0	0.00028	25.500	0.000	10.000	7.000
HDWTR-1	557	NORTHSIDE DITCH	0	0.00028	24.200	0.000	10.000	7.000

ENDATA20

\$\$\$ DATA TYPE 21 (HEADWATER DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	ORG-N	NH3	NO3+2
HDWTR-2	1	B CHAUVIN @ HWY 139	4.18	8.60	0.00	0.00	0.00
HDWTR-2	47	BAYOU OAKS DITCH	5.00	3.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

HDWTR-2	292	WEST ELMWOOD DITCH	5.00	3.00	0.00	0.00	0.00
HDWTR-2	372	NORTH MONROE DITCH	5.00	3.00	0.00	0.00	0.00
HDWTR-2	457	NORTH GATE DITCH	5.00	3.00	0.00	0.00	0.00
HDWTR-2	557	NORTHSIDE DITCH	5.00	3.00	0.00	0.00	0.00
ENDATA21							

\$\$\$ DATA TYPE 22 (HEADWATER DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
HDWTR-3	1	B CHAUVIN @ HWY 139	0.00	0.00	0.00	8.05
HDWTR-3	47	BAYOU OAKS DITCH	0.00	0.00	0.00	3.00
HDWTR-3	292	WEST ELMWOOD DITCH	0.00	0.00	0.00	3.00
HDWTR-3	372	NORTH MONROE DITCH	0.00	0.00	0.00	3.00
HDWTR-3	457	NORTH GATE DITCH	0.00	0.00	0.00	3.00
HDWTR-3	557	NORTHSIDE DITCH	0.00	0.00	0.00	3.00
ENDATA22						

\$\$\$ DATA TYPE 23 (JUNCTION DATA) \$\$\$

CARD TYPE	JUNCTION ELEMENT	UPSTRM ELEMENT	RIVER KILOM	NAME
JUNCTION	55	46	9.98	BAYOU OAKS DITCH WITH BAYOU CHAUVIN
JUNCTION	328	291	5.24	WEST ELMWOOD DITCH WITH BAYOU CHAUVIN
JUNCTION	432	371	4.36	NORTH MONROE DITCH WITH BAYOU CHAUVIN
JUNCTION	517	456	3.86	NORTH GATE DITCH WITH BAYOU CHAUVIN
JUNCTION	627	556	3.06	NORTHSIDE DITCH WITH BAYOU CHAUVIN
ENDATA23				

\$\$\$ DATA TYPE 24 (WASTELOAD DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	RKILO	NAME	FLOW	TEMP	SAL	CM-I	CM-II
WSTLD-1	23	10.46	LAKEVIEW ESTATES	0.00013	25.200	0.000	150.000	70.000
WSTLD-1	47	0.08	BAYOU OAKS POND	0.00500	26.500	0.000	39.600	30.500
WSTLD-1	75	9.58	BAYOU DESIARD	0.01500	24.400	0.000	7.100	2.400
WSTLD-1	110	8.88	LEISURE VILLAGE	0.00030	25.200	0.000	151.000	69.400
WSTLD-1	228	6.52	OAKWOOD # 1	0.00000	23.000	0.000	0.000	0.000
WSTLD-1	244	6.20	OAKWOOD # 2	0.00950	23.000	0.000	39.900	30.300
WSTLD-1	292	0.36	WEST ELMWOOD POND	0.00300	23.000	0.000	38.000	25.000
WSTLD-1	372	0.60	NORTH MONROE SD # 1	0.00300	23.000	0.000	38.000	25.000
WSTLD-1	457	0.60	NORTH GATE ESTATES	0.00120	22.000	0.000	33.100	21.800
WSTLD-1	557	0.70	NORTHSIDE TERRACE	0.00160	22.400	0.000	40.000	16.100
ENDATA24								

\$\$\$ DATA TYPE 25 (WASTELOAD DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	% BOD RMVL	ORG-N	NH3	% NITRIF	NO3+2
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Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WSTLD-2	23	LAKEVIEW ESTATES	5.00	64.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	47	BAYOU OAKS POND	4.80	72.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	75	BAYOU DESIARD	4.90	5.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	110	LEISURE VILLAGE	5.90	11.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	228	OAKWOOD # 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	244	OAKWOOD # 2	5.90	16.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	292	WEST ELMWOOD POND	5.00	41.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	372	NORTH MONROE SD # 1	5.00	6.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	457	NORTH GATE ESTATES	0.40	82.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	557	NORTHSIDE TERRACE	17.60	128.00	0.00	0.00	0.00	0.00	0.00
ENDATA25									

\$\$\$ DATA TYPE 26 (WASTELOAD DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
WSTLD-3	23	LAKEVIEW ESTATES	0.00	0.00	0.00	64.00
WSTLD-3	47	BAYOU OAKS POND	0.00	0.00	0.00	60.00
WSTLD-3	75	BAYOU DESIARD	0.00	0.00	0.00	5.00
WSTLD-3	110	LEISURE VILLAGE	0.00	0.00	0.00	8.00
WSTLD-3	228	OAKWOOD # 1	0.00	0.00	0.00	0.00
WSTLD-3	244	OAKWOOD # 2	0.00	0.00	0.00	38.00
WSTLD-3	292	WEST ELMWOOD POND	0.00	0.00	0.00	41.00
WSTLD-3	372	NORTH MONROE SD # 1	0.00	0.00	0.00	6.00
WSTLD-3	457	NORTH GATE ESTATES	0.00	0.00	0.00	36.00
WSTLD-3	557	NORTHSIDE TERRACE	0.00	0.00	0.00	69.00
ENDATA26						

\$\$\$ DATA TYPE 27 (LOWER BOUNDARY CONDITIONS) \$\$\$

CARD TYPE	CONSTITUENT	CONCENTRATION
LOWER BC	TEMPERATURE	= 24.200 deg C
LOWER BC	SALINITY	= 0.000 ppt
LOWER BC	CONSERVATIVE MATERIAL I	= 0.000 MG/L
LOWER BC	CONSERVATIVE MATERIAL II	= 0.000 MG/L
LOWER BC	DISSOLVED OXYGEN	= 0.000 mg/L
LOWER BC	BIOCHEMICAL OXYGEN DEMAND	= 0.000 mg/L
LOWER BC	ORGANIC NITROGEN	= 0.000 mg/L
LOWER BC	AMMONIA NITROGEN	= 0.000 mg/L
LOWER BC	NITRATE+NITRITE NITROGEN	= 0.000 mg/L
LOWER BC	PHOSPHORUS	= 0.000 mg/L
LOWER BC	CHLOROPHYLL A	= 17.000 µg/L
LOWER BC	COLIFORM	= 0.000 #/100 mL
LOWER BC	NONCONSERVATIVE MATERIAL	= 0.000 MG/L
ENDATA27		

\$\$\$ DATA TYPE 28 (RESERVED FOR FUTURE DATA INPUT) \$\$\$

CARD TYPE

ENDATA28

\$\$\$ DATA TYPE 29 (SENSITIVITY ANALYSIS DATA) \$\$\$

CARD TYPE	PARAMETER	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8
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ENDATA29

\$\$\$ DATA TYPE 30 (PLOT CONTROL CARDS) \$\$\$

NUMBER OF PLOTS = 1  
 NUMBER OF REACHES IN PLOT 1 = 13  
 PLOT RCH 1 2 4 5 6 7 8 10 11 13 14 16 18  
 ENDATA30

\$\$\$ DATA TYPE 31 (OVERLAY PLOT DATA) \$\$\$

OVERLAY 1                    OPDATA2.TXT    BAYOU CHAUVIN CALIBRATION  
 ENDATA31

.....NO ERRORS DETECTED IN INPUT DATA  
 .....HYDRAULIC CALCULATIONS COMPLETED  
 .....TRIDIAGONAL MATRIX TERMS INITIALIZED  
 .....OXYGEN DEPENDENT RATES CONVERGENT IN 26 ITERATIONS  
 .....CONSTITUENT CALCULATIONS COMPLETED  
 .....GRAPHICS DATA FOR PLOT 1 WRITTEN TO UNIT 11

FINAL REPORT    B CHAUVIN @ HWY 139                    BAYOU CHAUVIN CALIBRATION  
 REACH NO. 1    HWY 139 TO LAKEWOOD DR

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
1	HDWTR	0.00283	25.10	0.00	34.00	6.00	4.18	6.80	8.60	0.00	0.00	0.00	0.00	90.00	0.00	8.05
EACH	INCR	0.0000														
23	WSTLD	0.00013	25.20	0.00	150.00	70.00	5.00	64.00	64.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
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1	10.90	10.88	0.00282	0.00	0.00156	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
2	10.88	10.86	0.00281	0.00	0.00155	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
3	10.86	10.84	0.00281	0.00	0.00155	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
4	10.84	10.82	0.00280	0.00	0.00154	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
5	10.82	10.80	0.00279	0.00	0.00154	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
6	10.80	10.78	0.00278	0.00	0.00154	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
7	10.78	10.76	0.00277	0.00	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
8	10.76	10.74	0.00277	0.00	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
9	10.74	10.72	0.00276	0.00	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
10	10.72	10.70	0.00275	0.00	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
11	10.70	10.68	0.00274	0.00	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
12	10.68	10.66	0.00273	0.00	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
13	10.66	10.64	0.00273	0.00	0.00150	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
14	10.64	10.62	0.00272	0.00	0.00150	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
15	10.62	10.60	0.00271	0.00	0.00150	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
16	10.60	10.58	0.00270	0.00	0.00149	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
17	10.58	10.56	0.00269	0.00	0.00149	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
18	10.56	10.54	0.00269	0.00	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
19	10.54	10.52	0.00268	0.00	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
20	10.52	10.50	0.00267	0.00	0.00147	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
21	10.50	10.48	0.00266	0.00	0.00147	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
22	10.48	10.46	0.00265	0.00	0.00146	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
23	10.46	10.44	0.00278	4.81	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
24	10.44	10.42	0.00277	4.81	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
25	10.42	10.40	0.00276	4.81	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
26	10.40	10.38	0.00275	4.81	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
27	10.38	10.36	0.00275	4.81	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
28	10.36	10.34	0.00274	4.81	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
29	10.34	10.32	0.00273	4.81	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
30	10.32	10.30	0.00272	4.81	0.00150	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
31	10.30	10.28	0.00271	4.81	0.00150	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
32	10.28	10.26	0.00271	4.81	0.00149	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
33	10.26	10.24	0.00270	4.81	0.00149	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
34	10.24	10.22	0.00269	4.81	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
35	10.22	10.20	0.00268	4.81	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
36	10.20	10.18	0.00267	4.81	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
TOT						5.53			1304.39	5706.00					
AVG					0.00151		0.23	7.93			1.81				
CUM						5.53									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
1	10.880	8.26	3.37	0.25	0.17	0.00	5.50	5.97	5.97	0.00	0.00	0.00	0.00	0.00	0.00	15.49	0.00	0.00	0.14	0.11
2	10.860	8.26	3.37	0.25	0.17	0.00	5.48	5.95	5.95	0.00	0.00	0.00	0.00	0.00	0.00	15.05	0.00	0.00	0.14	0.11

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

3	10.840	8.27	3.37	0.25	0.17	0.00	5.47	5.93	5.93	0.00	0.00	0.00	0.00	0.00	0.00	14.62	0.00	0.00	0.14	0.11
4	10.820	8.28	3.36	0.25	0.17	0.00	5.45	5.92	5.92	0.00	0.00	0.00	0.00	0.00	0.00	14.19	0.00	0.00	0.14	0.11
5	10.800	8.28	3.36	0.25	0.17	0.00	5.43	5.90	5.90	0.00	0.00	0.00	0.00	0.00	0.00	13.76	0.00	0.00	0.14	0.11
6	10.780	8.29	3.36	0.25	0.17	0.00	5.42	5.88	5.88	0.00	0.00	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.14	0.11
7	10.760	8.30	3.35	0.25	0.17	0.00	5.40	5.87	5.87	0.00	0.00	0.00	0.00	0.00	0.00	12.91	0.00	0.00	0.14	0.11
8	10.740	8.31	3.35	0.25	0.17	0.00	5.39	5.85	5.85	0.00	0.00	0.00	0.00	0.00	0.00	12.48	0.00	0.00	0.14	0.11
9	10.720	8.31	3.35	0.25	0.17	0.00	5.37	5.84	5.84	0.00	0.00	0.00	0.00	0.00	0.00	12.06	0.00	0.00	0.14	0.11
10	10.700	8.32	3.35	0.25	0.17	0.00	5.35	5.82	5.82	0.00	0.00	0.00	0.00	0.00	0.00	11.64	0.00	0.00	0.14	0.11
11	10.680	8.33	3.34	0.25	0.17	0.00	5.34	5.81	5.81	0.00	0.00	0.00	0.00	0.00	0.00	11.22	0.00	0.00	0.14	0.11
12	10.660	8.33	3.34	0.25	0.17	0.00	5.32	5.79	5.79	0.00	0.00	0.00	0.00	0.00	0.00	10.80	0.00	0.00	0.14	0.11
13	10.640	8.34	3.34	0.25	0.17	0.00	5.31	5.78	5.78	0.00	0.00	0.00	0.00	0.00	0.00	10.39	0.00	0.00	0.14	0.11
14	10.620	8.35	3.33	0.25	0.17	0.00	5.29	5.76	5.76	0.00	0.00	0.00	0.00	0.00	0.00	9.98	0.00	0.00	0.14	0.11
15	10.600	8.36	3.33	0.24	0.17	0.00	5.27	5.75	5.75	0.00	0.00	0.00	0.00	0.00	0.00	9.56	0.00	0.00	0.13	0.11
16	10.580	8.36	3.33	0.24	0.17	0.00	5.26	5.73	5.73	0.00	0.00	0.00	0.00	0.00	0.00	9.15	0.00	0.00	0.13	0.11
17	10.560	8.37	3.33	0.24	0.17	0.00	5.24	5.72	5.72	0.00	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	0.13	0.11
18	10.540	8.38	3.32	0.24	0.17	0.00	5.23	5.71	5.71	0.00	0.00	0.00	0.00	0.00	0.00	8.34	0.00	0.00	0.13	0.11
19	10.520	8.39	3.32	0.24	0.17	0.00	5.21	5.69	5.69	0.00	0.00	0.00	0.00	0.00	0.00	7.93	0.00	0.00	0.13	0.11
20	10.500	8.39	3.32	0.24	0.17	0.00	5.20	5.68	5.68	0.00	0.00	0.00	0.00	0.00	0.00	7.53	0.00	0.00	0.13	0.11
21	10.480	8.40	3.31	0.24	0.17	0.00	5.18	5.66	5.66	0.00	0.00	0.00	0.00	0.00	0.00	7.13	0.00	0.00	0.13	0.11
22	10.460	8.41	3.31	0.24	0.17	0.00	5.17	5.65	5.65	0.00	0.00	0.00	0.00	0.00	0.00	6.73	0.00	0.00	0.13	0.11
23	10.440	8.42	3.31	0.24	0.16	0.00	5.15	5.80	5.80	0.00	0.00	0.00	0.00	0.00	0.00	6.33	0.00	0.00	0.13	0.11
24	10.420	8.42	3.31	0.24	0.16	0.00	5.14	5.78	5.72	0.00	0.00	0.00	0.00	0.00	0.00	5.94	0.00	0.00	0.13	0.11
25	10.400	8.43	3.30	0.23	0.16	0.00	5.12	5.76	5.51	0.00	0.00	0.00	0.00	0.00	0.00	5.54	0.00	0.00	0.12	0.11
26	10.380	8.44	3.30	0.23	0.16	0.00	5.10	5.74	5.41	0.00	0.00	0.00	0.00	0.00	0.00	5.15	0.00	0.00	0.12	0.11
27	10.360	8.45	3.30	0.22	0.16	0.00	5.09	5.72	5.33	0.00	0.00	0.00	0.00	0.00	0.00	4.76	0.00	0.00	0.12	0.11
28	10.340	8.45	3.29	0.22	0.16	0.00	5.07	5.70	5.27	0.00	0.00	0.00	0.00	0.00	0.00	4.37	0.00	0.00	0.12	0.11
29	10.320	8.46	3.29	0.22	0.16	0.00	5.06	5.68	5.21	0.00	0.00	0.00	0.00	0.00	0.00	3.98	0.00	0.00	0.12	0.11
30	10.300	8.47	3.29	0.22	0.16	0.00	5.04	5.66	5.14	0.00	0.00	0.00	0.00	0.00	0.00	3.59	0.00	0.00	0.12	0.11
31	10.280	8.48	3.28	0.21	0.16	0.00	5.03	5.64	5.08	0.00	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	0.12	0.11
32	10.260	8.48	3.28	0.21	0.16	0.00	5.01	5.62	5.02	0.00	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.11	0.11
33	10.240	8.49	3.28	0.21	0.16	0.00	5.00	5.61	4.96	0.00	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.11	0.11
34	10.220	8.50	3.28	0.21	0.16	0.00	4.98	5.59	4.89	0.00	0.00	0.00	0.00	0.00	0.00	2.06	0.00	0.00	0.11	0.11
35	10.200	8.51	3.27	0.20	0.16	0.00	4.97	5.58	4.83	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.00	0.00	0.11	0.11
36	10.180	8.51	3.27	0.20	0.16	0.00	4.96	5.56	4.77	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.11	0.11

20 DEG C RATE 0.20 0.00 4.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10  
 AVG 20 DEG C RATE 3.06 0.15 0.00 0.10

\* g/sq m/d \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
1	10.880	25.05	0.00	34.00	6.00	4.21	6.51	8.27	0.00	0.00	0.00	0.00	0.00	87.72	0.00	0.00	8.44
2	10.860	25.01	0.00	34.00	6.00	4.20	6.25	7.96	0.00	0.00	0.00	0.00	0.00	85.44	0.00	0.00	8.82
3	10.840	24.96	0.00	34.00	6.00	4.15	6.00	7.66	0.00	0.00	0.00	0.00	0.00	83.17	0.00	0.00	9.18
4	10.820	24.91	0.00	34.00	6.00	4.09	5.76	7.38	0.00	0.00	0.00	0.00	0.00	80.89	0.00	0.00	9.53
5	10.800	24.86	0.00	34.00	6.00	4.02	5.54	7.12	0.00	0.00	0.00	0.00	0.00	78.61	0.00	0.00	9.87

6	10.780	24.82	0.00	34.00	6.00	3.94	5.34	6.86	0.00	0.00	0.00	0.00	0.00	76.33	0.00	0.00	10.20
7	10.760	24.77	0.00	34.00	6.00	3.85	5.14	6.62	0.00	0.00	0.00	0.00	0.00	74.06	0.00	0.00	10.52
8	10.740	24.72	0.00	34.00	6.00	3.76	4.96	6.39	0.00	0.00	0.00	0.00	0.00	71.78	0.00	0.00	10.83
9	10.720	24.68	0.00	34.00	6.00	3.67	4.78	6.17	0.00	0.00	0.00	0.00	0.00	69.50	0.00	0.00	11.13
10	10.700	24.63	0.00	34.00	6.00	3.57	4.62	5.96	0.00	0.00	0.00	0.00	0.00	67.22	0.00	0.00	11.42
11	10.680	24.58	0.00	34.00	6.00	3.47	4.47	5.76	0.00	0.00	0.00	0.00	0.00	64.94	0.00	0.00	11.71
12	10.660	24.53	0.00	34.00	6.00	3.37	4.32	5.58	0.00	0.00	0.00	0.00	0.00	62.67	0.00	0.00	11.98
13	10.640	24.49	0.00	34.00	6.00	3.27	4.19	5.39	0.00	0.00	0.00	0.00	0.00	60.39	0.00	0.00	12.25
14	10.620	24.44	0.00	34.00	6.00	3.17	4.06	5.22	0.00	0.00	0.00	0.00	0.00	58.11	0.00	0.00	12.50
15	10.600	24.39	0.00	34.00	6.00	3.07	3.94	5.06	0.00	0.00	0.00	0.00	0.00	55.83	0.00	0.00	12.75
16	10.580	24.34	0.00	34.00	6.00	2.97	3.83	4.90	0.00	0.00	0.00	0.00	0.00	53.56	0.00	0.00	13.00
17	10.560	24.30	0.00	34.00	6.00	2.87	3.72	4.75	0.00	0.00	0.00	0.00	0.00	51.28	0.00	0.00	13.23
18	10.540	24.25	0.00	34.00	6.00	2.77	3.62	4.60	0.00	0.00	0.00	0.00	0.00	49.00	0.00	0.00	13.46
19	10.520	24.20	0.00	34.00	6.00	2.67	3.53	4.46	0.00	0.00	0.00	0.00	0.00	46.72	0.00	0.00	13.68
20	10.500	24.16	0.00	34.00	6.00	2.57	3.44	4.33	0.00	0.00	0.00	0.00	0.00	44.44	0.00	0.00	13.90
21	10.480	24.11	0.00	34.00	6.00	2.46	3.36	4.20	0.00	0.00	0.00	0.00	0.00	42.17	0.00	0.00	14.11
22	10.460	24.06	0.00	34.10	6.05	2.36	3.33	4.12	0.00	0.00	0.00	0.00	0.00	39.89	0.00	0.00	14.35
23	10.440	24.01	0.00	39.58	9.08	2.18	3.96	6.71	0.00	0.00	0.00	0.00	0.00	37.61	0.00	0.00	16.80
24	10.420	23.97	0.00	39.58	9.08	1.98	5.74	6.45	0.00	0.00	0.00	0.00	0.00	35.33	0.00	0.00	16.91
25	10.400	23.92	0.00	39.58	9.08	1.91	5.54	6.20	0.00	0.00	0.00	0.00	0.00	33.06	0.00	0.00	17.03
26	10.380	23.87	0.00	39.58	9.08	1.89	5.35	5.96	0.00	0.00	0.00	0.00	0.00	30.78	0.00	0.00	17.14
27	10.360	23.83	0.00	39.58	9.08	1.87	5.17	5.74	0.00	0.00	0.00	0.00	0.00	28.50	0.00	0.00	17.26
28	10.340	23.78	0.00	39.58	9.08	1.85	5.01	5.53	0.00	0.00	0.00	0.00	0.00	26.22	0.00	0.00	17.38
29	10.320	23.73	0.00	39.58	9.08	1.83	4.85	5.33	0.00	0.00	0.00	0.00	0.00	23.94	0.00	0.00	17.50
30	10.300	23.68	0.00	39.58	9.08	1.82	4.71	5.14	0.00	0.00	0.00	0.00	0.00	21.67	0.00	0.00	17.62
31	10.280	23.64	0.00	39.58	9.08	1.80	4.57	4.96	0.00	0.00	0.00	0.00	0.00	19.39	0.00	0.00	17.74
32	10.260	23.59	0.00	39.58	9.08	1.78	4.45	4.79	0.00	0.00	0.00	0.00	0.00	17.11	0.00	0.00	17.86
33	10.240	23.54	0.00	39.58	9.08	1.77	4.33	4.63	0.00	0.00	0.00	0.00	0.00	14.83	0.00	0.00	17.98
34	10.220	23.49	0.00	39.58	9.08	1.75	4.22	4.47	0.00	0.00	0.00	0.00	0.00	12.56	0.00	0.00	18.10
35	10.200	23.45	0.00	39.58	9.08	1.73	4.12	4.32	0.00	0.00	0.00	0.00	0.00	10.28	0.00	0.00	18.22
36	10.180	23.40	0.00	39.58	9.08	1.72	4.02	4.18	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	18.35

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 2 LAKEWOOD DR TO BAYOU OAKS DITCH

BAYOU CHAUVIN CALIBRATION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
37	UPR RCH	0.00267	23.40	0.00	39.58	9.08	1.72	4.02	4.18	0.00	0.00	0.00	0.00	8.00	0.00	18.35
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
37	10.18	10.16	0.00267	4.81	0.00113	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
38	10.16	10.14	0.00266	4.81	0.00112	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
39	10.14	10.12	0.00265	4.81	0.00112	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
40	10.12	10.10	0.00264	4.81	0.00112	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
41	10.10	10.08	0.00263	4.81	0.00111	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
42	10.08	10.06	0.00263	4.81	0.00111	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
43	10.06	10.04	0.00262	4.81	0.00111	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
44	10.04	10.02	0.00261	4.81	0.00110	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
45	10.02	10.00	0.00260	4.81	0.00110	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
46	10.00	9.98	0.00259	4.81	0.00109	0.21	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
TOT						2.09			473.80	2072.60					
AVG					0.00111		0.23	10.36			2.37				
CUM						7.61									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da	
37	10.160	8.50	3.28	0.20	0.16	0.00	4.99	5.59	4.85	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.11	0.11	
38	10.140	8.48	3.28	0.21	0.16	0.00	5.02	5.62	4.97	0.00	0.00	0.00	0.00	0.00	0.00	2.71	0.00	0.00	0.11	0.11	
39	10.120	8.47	3.29	0.21	0.16	0.00	5.05	5.65	5.09	0.00	0.00	0.00	0.00	0.00	0.00	3.42	0.00	0.00	0.12	0.11	
40	10.100	8.45	3.29	0.22	0.16	0.00	5.08	5.68	5.21	0.00	0.00	0.00	0.00	0.00	0.00	4.13	0.00	0.00	0.12	0.11	
41	10.080	8.43	3.30	0.22	0.16	0.00	5.11	5.72	5.33	0.00	0.00	0.00	0.00	0.00	0.00	4.86	0.00	0.00	0.12	0.11	
42	10.060	8.42	3.31	0.23	0.16	0.00	5.15	5.75	5.46	0.00	0.00	0.00	0.00	0.00	0.00	5.59	0.00	0.00	0.12	0.11	
43	10.040	8.40	3.31	0.23	0.17	0.00	5.18	5.78	5.59	0.00	0.00	0.00	0.00	0.00	0.00	6.32	0.00	0.00	0.13	0.11	
44	10.020	8.39	3.32	0.24	0.17	0.00	5.21	5.81	5.71	0.00	0.00	0.00	0.00	0.00	0.00	7.06	0.00	0.00	0.13	0.11	
45	10.000	8.37	3.33	0.24	0.17	0.00	5.24	5.84	5.84	0.00	0.00	0.00	0.00	0.00	0.00	7.81	0.00	0.00	0.13	0.11	
46	9.980	8.36	3.33	0.24	0.17	0.00	5.28	5.91	5.91	0.00	0.00	0.00	0.00	0.00	0.00	8.57	0.00	0.00	0.13	0.11	
20	DEG C RATE			0.20		0.00	4.00		0.00		0.00	0.00	0.00	0.00	0.00			0.00	0.10		
AVG	20 DEG C RATE			3.06		0.15			0.00											0.10	

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
37	10.160	23.50	0.00	39.58	9.08	1.74	3.82	4.06	0.00	0.00	0.00	0.00	0.00	12.20	0.00	0.00	18.59
38	10.140	23.60	0.00	39.58	9.08	1.77	3.63	3.96	0.00	0.00	0.00	0.00	0.00	16.40	0.00	0.00	18.82

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

39	10.120	23.70	0.00	39.58	9.08	1.80	3.45	3.86	0.00	0.00	0.00	0.00	0.00	20.60	0.00	0.00	19.03
40	10.100	23.80	0.00	39.58	9.08	1.83	3.27	3.77	0.00	0.00	0.00	0.00	0.00	24.80	0.00	0.00	19.21
41	10.080	23.90	0.00	39.58	9.08	1.87	3.11	3.69	0.00	0.00	0.00	0.00	0.00	29.00	0.00	0.00	19.38
42	10.060	24.00	0.00	39.58	9.08	1.90	2.96	3.62	0.00	0.00	0.00	0.00	0.00	33.20	0.00	0.00	19.52
43	10.040	24.10	0.00	39.58	9.08	1.93	2.81	3.56	0.00	0.00	0.00	0.00	0.00	37.40	0.00	0.00	19.65
44	10.020	24.20	0.00	39.58	9.08	1.97	2.67	3.51	0.00	0.00	0.00	0.00	0.00	41.60	0.00	0.00	19.76
45	10.000	24.30	0.00	39.58	9.08	2.00	2.55	3.47	0.00	0.00	0.00	0.00	0.00	45.80	0.00	0.00	19.85
46	9.980	24.40	0.00	39.56	9.28	2.06	3.00	4.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	20.26

\* CM-I = CHLORIDES  
MG/L  
\*\* g/cu m

CM-II = SULFATES  
MG/L

NCM = NBOD  
MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN CALIBRATION  
REACH NO. 4 BAYOU OAKS DITCH TO JOE WHITE RD

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
55	UPR RCH	0.00259	24.40	0.00	39.56	9.28	2.06	3.00	4.00	0.00	0.00	0.00	0.00	50.00	0.00	20.26
55	TRIB	0.00528	24.40	0.00	38.23	26.48	4.19	58.37	59.37	0.00	0.00	0.00	0.00	50.00	0.00	51.63
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
55	9.98	9.96	0.00787	65.06	0.00269	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
56	9.96	9.94	0.00786	65.06	0.00269	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
57	9.94	9.92	0.00785	65.06	0.00268	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
58	9.92	9.90	0.00785	65.06	0.00268	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
59	9.90	9.88	0.00784	65.06	0.00268	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
60	9.88	9.86	0.00783	65.06	0.00268	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
61	9.86	9.84	0.00782	65.06	0.00267	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
62	9.84	9.82	0.00781	65.06	0.00267	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
63	9.82	9.80	0.00781	65.06	0.00267	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
64	9.80	9.78	0.00780	65.06	0.00266	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
65	9.78	9.76	0.00779	65.06	0.00266	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
66	9.76	9.74	0.00778	65.06	0.00266	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
67	9.74	9.72	0.00777	65.06	0.00266	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
68	9.72	9.70	0.00777	65.06	0.00265	0.09	0.23	12.80	58.53	256.04	2.93	0.00	0.000	0.000	0.003
TOT						1.21			819.43	3584.56					
AVG					0.00267		0.23	12.80			2.93				

CUM 8.82

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
55	9.960	8.36	3.34	0.24	0.17	0.00	3.30	6.13	6.13	0.00	0.00	0.00	0.00	0.00	0.00	9.29	0.00	0.00	0.13	0.11
56	9.940	8.36	3.34	0.24	0.17	0.00	3.30	6.06	5.85	0.00	0.00	0.00	0.00	0.00	0.00	10.01	0.00	0.00	0.13	0.11
57	9.920	8.36	3.34	0.21	0.17	0.00	3.30	6.01	5.07	0.00	0.00	0.00	0.00	0.00	0.00	10.73	0.00	0.00	0.11	0.11
58	9.900	8.36	3.34	0.20	0.17	0.00	3.30	5.95	4.89	0.00	0.00	0.00	0.00	0.00	0.00	11.46	0.00	0.00	0.11	0.11
59	9.880	8.36	3.34	0.20	0.17	0.00	3.30	5.90	4.90	0.00	0.00	0.00	0.00	0.00	0.00	12.18	0.00	0.00	0.11	0.11
60	9.860	8.36	3.34	0.21	0.17	0.00	3.30	5.85	4.98	0.00	0.00	0.00	0.00	0.00	0.00	12.90	0.00	0.00	0.11	0.11
61	9.840	8.36	3.34	0.21	0.17	0.00	3.30	5.80	5.07	0.00	0.00	0.00	0.00	0.00	0.00	13.62	0.00	0.00	0.12	0.11
62	9.820	8.36	3.34	0.22	0.17	0.00	3.30	5.74	5.17	0.00	0.00	0.00	0.00	0.00	0.00	14.34	0.00	0.00	0.12	0.11
63	9.800	8.36	3.34	0.23	0.17	0.00	3.30	5.69	5.27	0.00	0.00	0.00	0.00	0.00	0.00	15.07	0.00	0.00	0.12	0.11
64	9.780	8.36	3.34	0.23	0.17	0.00	3.30	5.64	5.38	0.00	0.00	0.00	0.00	0.00	0.00	15.79	0.00	0.00	0.13	0.11
65	9.760	8.36	3.34	0.24	0.17	0.00	3.30	5.59	5.48	0.00	0.00	0.00	0.00	0.00	0.00	16.51	0.00	0.00	0.13	0.11
66	9.740	8.36	3.34	0.24	0.17	0.00	3.30	5.54	5.54	0.00	0.00	0.00	0.00	0.00	0.00	17.23	0.00	0.00	0.13	0.11
67	9.720	8.36	3.34	0.24	0.17	0.00	3.30	5.50	5.50	0.00	0.00	0.00	0.00	0.00	0.00	17.96	0.00	0.00	0.13	0.11
68	9.700	8.36	3.34	0.24	0.17	0.00	3.30	5.45	5.45	0.00	0.00	0.00	0.00	0.00	0.00	18.68	0.00	0.00	0.13	0.11
20 DEG C RATE				0.20		0.00	2.50			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			3.07		0.15						0.00									0.10

\* g/sq m/d      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
55	9.960	24.40	0.00	38.53	22.60	2.79	44.80	45.89	0.00	0.00	0.00	0.00	0.00	54.21	0.00	0.00	44.34
56	9.940	24.40	0.00	38.53	22.60	1.93	43.30	44.47	0.00	0.00	0.00	0.00	0.00	58.43	0.00	0.00	44.06
57	9.920	24.40	0.00	38.53	22.60	1.69	41.95	43.21	0.00	0.00	0.00	0.00	0.00	62.64	0.00	0.00	43.84
58	9.900	24.40	0.00	38.53	22.60	1.64	40.66	42.00	0.00	0.00	0.00	0.00	0.00	66.86	0.00	0.00	43.64
59	9.880	24.40	0.00	38.53	22.60	1.66	39.41	40.83	0.00	0.00	0.00	0.00	0.00	71.07	0.00	0.00	43.43
60	9.860	24.40	0.00	38.53	22.60	1.70	38.17	39.67	0.00	0.00	0.00	0.00	0.00	75.29	0.00	0.00	43.22
61	9.840	24.40	0.00	38.53	22.60	1.75	36.95	38.54	0.00	0.00	0.00	0.00	0.00	79.50	0.00	0.00	43.01
62	9.820	24.40	0.00	38.53	22.60	1.80	35.75	37.43	0.00	0.00	0.00	0.00	0.00	83.71	0.00	0.00	42.78
63	9.800	24.40	0.00	38.53	22.60	1.85	34.58	36.33	0.00	0.00	0.00	0.00	0.00	87.93	0.00	0.00	42.55
64	9.780	24.40	0.00	38.53	22.60	1.90	33.42	35.26	0.00	0.00	0.00	0.00	0.00	92.14	0.00	0.00	42.30
65	9.760	24.40	0.00	38.53	22.60	1.96	32.28	34.21	0.00	0.00	0.00	0.00	0.00	96.36	0.00	0.00	42.05
66	9.740	24.40	0.00	38.53	22.60	2.03	31.16	33.18	0.00	0.00	0.00	0.00	0.00	100.57	0.00	0.00	41.79
67	9.720	24.40	0.00	38.53	22.60	2.17	30.09	32.18	0.00	0.00	0.00	0.00	0.00	104.79	0.00	0.00	41.54
68	9.700	24.40	0.00	38.53	22.60	2.37	29.04	31.22	0.00	0.00	0.00	0.00	0.00	109.00	0.00	0.00	41.29

\* CM-I = CHLORIDES

CM-II = SULFATES

NCM = NBOD

MG/L  
 \*\* g/cu m

MG/L

MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN CALIBRATION  
 REACH NO. 5 J WHITE RD TO CONTROL STRUCTURE

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
69	UPR RCH	0.00777	24.40	0.00	38.53	22.60	2.37	29.04	31.22	0.00	0.00	0.00	0.00	109.00	0.00	41.29
EACH	INCR	0.0000														
75	WSTLD	0.01500	24.40	0.00	7.10	2.40	4.90	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
69	9.70	9.68	0.00776	65.06	0.00309	0.07	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.003
70	9.68	9.66	0.00775	65.06	0.00309	0.07	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.003
71	9.66	9.64	0.00774	65.06	0.00309	0.07	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.003
72	9.64	9.62	0.00774	65.06	0.00308	0.08	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.003
73	9.62	9.60	0.00773	65.06	0.00308	0.08	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.003
74	9.60	9.58	0.00772	65.06	0.00308	0.08	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.003
75	9.58	9.56	0.02271	88.13	0.00905	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
76	9.56	9.54	0.02270	88.13	0.00905	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
77	9.54	9.52	0.02270	88.13	0.00905	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
78	9.52	9.50	0.02269	88.13	0.00904	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
79	9.50	9.48	0.02268	88.13	0.00904	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
80	9.48	9.46	0.02267	88.13	0.00904	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
81	9.46	9.44	0.02266	88.13	0.00904	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
82	9.44	9.42	0.02266	88.13	0.00903	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
83	9.42	9.40	0.02265	88.13	0.00903	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
84	9.40	9.38	0.02264	88.13	0.00903	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
85	9.38	9.36	0.02263	88.13	0.00902	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
86	9.36	9.34	0.02262	88.13	0.00902	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
87	9.34	9.32	0.02262	88.13	0.00902	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
88	9.32	9.30	0.02261	88.13	0.00901	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
89	9.30	9.28	0.02260	88.13	0.00901	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
90	9.28	9.26	0.02259	88.13	0.00901	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
91	9.26	9.24	0.02258	88.13	0.00900	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
92	9.24	9.22	0.02258	88.13	0.00900	0.03	0.23	10.97	50.17	219.46	2.51	0.00	0.000	0.001	0.009
TOT						0.91			1204.05	5267.04					
AVG					0.00609		0.23	10.97			2.51				

CUM 9.74

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
69	9.680	8.35	3.37	0.25	0.17	0.00	1.85	3.95	3.95	0.00	0.00	0.00	0.00	0.00	0.00	18.30	0.00	0.00	0.13	0.11
70	9.660	8.35	3.37	0.25	0.17	0.00	1.85	3.91	3.91	0.00	0.00	0.00	0.00	0.00	0.00	17.92	0.00	0.00	0.14	0.11
71	9.640	8.34	3.38	0.25	0.17	0.00	1.86	3.86	3.86	0.00	0.00	0.00	0.00	0.00	0.00	17.54	0.00	0.00	0.14	0.11
72	9.620	8.34	3.38	0.25	0.17	0.00	1.86	3.82	3.82	0.00	0.00	0.00	0.00	0.00	0.00	17.16	0.00	0.00	0.14	0.11
73	9.600	8.34	3.38	0.25	0.17	0.00	1.86	3.77	3.77	0.00	0.00	0.00	0.00	0.00	0.00	16.77	0.00	0.00	0.14	0.11
74	9.580	8.33	3.38	0.25	0.17	0.00	1.86	3.71	3.71	0.00	0.00	0.00	0.00	0.00	0.00	16.39	0.00	0.00	0.14	0.11
75	9.560	8.33	3.79	0.25	0.17	0.00	1.87	2.71	2.71	0.00	0.00	0.00	0.00	0.00	0.00	16.01	0.00	0.00	0.14	0.11
76	9.540	8.32	3.79	0.25	0.17	0.00	1.87	2.70	2.70	0.00	0.00	0.00	0.00	0.00	0.00	15.62	0.00	0.00	0.14	0.11
77	9.520	8.32	3.79	0.25	0.17	0.00	1.87	2.70	2.70	0.00	0.00	0.00	0.00	0.00	0.00	15.24	0.00	0.00	0.14	0.11
78	9.500	8.32	3.79	0.25	0.17	0.00	1.88	2.69	2.69	0.00	0.00	0.00	0.00	0.00	0.00	14.85	0.00	0.00	0.14	0.11
79	9.480	8.31	3.79	0.25	0.17	0.00	1.88	2.69	2.69	0.00	0.00	0.00	0.00	0.00	0.00	14.46	0.00	0.00	0.14	0.11
80	9.460	8.31	3.80	0.25	0.17	0.00	1.88	2.69	2.69	0.00	0.00	0.00	0.00	0.00	0.00	14.07	0.00	0.00	0.14	0.11
81	9.440	8.31	3.80	0.25	0.17	0.00	1.89	2.68	2.68	0.00	0.00	0.00	0.00	0.00	0.00	13.68	0.00	0.00	0.14	0.11
82	9.420	8.30	3.80	0.25	0.17	0.00	1.89	2.68	2.68	0.00	0.00	0.00	0.00	0.00	0.00	13.29	0.00	0.00	0.14	0.11
83	9.400	8.30	3.80	0.25	0.17	0.00	1.89	2.68	2.68	0.00	0.00	0.00	0.00	0.00	0.00	12.90	0.00	0.00	0.14	0.11
84	9.380	8.29	3.80	0.25	0.17	0.00	1.89	2.67	2.67	0.00	0.00	0.00	0.00	0.00	0.00	12.51	0.00	0.00	0.14	0.11
85	9.360	8.29	3.80	0.25	0.17	0.00	1.90	2.67	2.67	0.00	0.00	0.00	0.00	0.00	0.00	12.11	0.00	0.00	0.14	0.11
86	9.340	8.29	3.81	0.25	0.17	0.00	1.90	2.67	2.67	0.00	0.00	0.00	0.00	0.00	0.00	11.72	0.00	0.00	0.14	0.11
87	9.320	8.28	3.81	0.25	0.17	0.00	1.90	2.66	2.66	0.00	0.00	0.00	0.00	0.00	0.00	11.33	0.00	0.00	0.14	0.11
88	9.300	8.28	3.81	0.25	0.17	0.00	1.91	2.66	2.66	0.00	0.00	0.00	0.00	0.00	0.00	10.93	0.00	0.00	0.14	0.11
89	9.280	8.27	3.81	0.25	0.17	0.00	1.91	2.66	2.66	0.00	0.00	0.00	0.00	0.00	0.00	10.53	0.00	0.00	0.14	0.11
90	9.260	8.27	3.81	0.25	0.17	0.00	1.91	2.66	2.66	0.00	0.00	0.00	0.00	0.00	0.00	10.13	0.00	0.00	0.14	0.11
91	9.240	8.27	3.81	0.25	0.17	0.00	1.92	2.65	2.65	0.00	0.00	0.00	0.00	0.00	0.00	9.74	0.00	0.00	0.14	0.11
92	9.220	8.26	3.82	0.25	0.17	0.00	1.92	2.65	2.65	0.00	0.00	0.00	0.00	0.00	0.00	9.34	0.00	0.00	0.14	0.11
20	DEG C RATE			0.20		0.00	1.40			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20	DEG C RATE			3.38	0.15					0.00										0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
69	9.680	24.42	0.00	38.53	22.60	2.90	28.17	30.30	0.00	0.00	0.00	0.00	0.00	106.67	0.00	0.00	40.54
70	9.660	24.45	0.00	38.53	22.60	3.32	27.32	29.41	0.00	0.00	0.00	0.00	0.00	104.33	0.00	0.00	39.80
71	9.640	24.48	0.00	38.53	22.60	3.67	26.51	28.55	0.00	0.00	0.00	0.00	0.00	102.00	0.00	0.00	39.08
72	9.620	24.50	0.00	38.53	22.60	3.95	25.71	27.70	0.00	0.00	0.00	0.00	0.00	99.67	0.00	0.00	38.37
73	9.600	24.52	0.00	38.52	22.59	4.18	24.93	26.88	0.00	0.00	0.00	0.00	0.00	97.33	0.00	0.00	37.67
74	9.580	24.55	0.00	38.09	22.32	4.39	23.94	25.84	0.00	0.00	0.00	0.00	0.00	95.00	0.00	0.00	36.56

75	9.560	24.57	0.00	17.78	9.26	5.02	11.41	13.26	0.00	0.00	0.00	0.00	0.00	92.67	0.00	0.00	15.78
76	9.540	24.60	0.00	17.78	9.26	5.29	11.29	13.09	0.00	0.00	0.00	0.00	0.00	90.33	0.00	0.00	15.68
77	9.520	24.62	0.00	17.78	9.26	5.52	11.17	12.93	0.00	0.00	0.00	0.00	0.00	88.00	0.00	0.00	15.58
78	9.500	24.65	0.00	17.78	9.26	5.73	11.05	12.76	0.00	0.00	0.00	0.00	0.00	85.67	0.00	0.00	15.48
79	9.480	24.67	0.00	17.78	9.26	5.91	10.93	12.60	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00	15.38
80	9.460	24.70	0.00	17.78	9.26	6.06	10.82	12.44	0.00	0.00	0.00	0.00	0.00	81.00	0.00	0.00	15.28
81	9.440	24.73	0.00	17.78	9.26	6.19	10.70	12.28	0.00	0.00	0.00	0.00	0.00	78.67	0.00	0.00	15.19
82	9.420	24.75	0.00	17.78	9.26	6.31	10.59	12.12	0.00	0.00	0.00	0.00	0.00	76.33	0.00	0.00	15.09
83	9.400	24.77	0.00	17.78	9.26	6.40	10.48	11.96	0.00	0.00	0.00	0.00	0.00	74.00	0.00	0.00	14.99
84	9.380	24.80	0.00	17.78	9.26	6.48	10.37	11.80	0.00	0.00	0.00	0.00	0.00	71.67	0.00	0.00	14.90
85	9.360	24.83	0.00	17.78	9.26	6.54	10.26	11.65	0.00	0.00	0.00	0.00	0.00	69.33	0.00	0.00	14.80
86	9.340	24.85	0.00	17.78	9.26	6.59	10.15	11.49	0.00	0.00	0.00	0.00	0.00	67.00	0.00	0.00	14.71
87	9.320	24.87	0.00	17.78	9.26	6.63	10.04	11.34	0.00	0.00	0.00	0.00	0.00	64.67	0.00	0.00	14.61
88	9.300	24.90	0.00	17.78	9.26	6.65	9.94	11.18	0.00	0.00	0.00	0.00	0.00	62.33	0.00	0.00	14.52
89	9.280	24.92	0.00	17.78	9.26	6.67	9.83	11.03	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	14.43
90	9.260	24.95	0.00	17.78	9.26	6.67	9.72	10.88	0.00	0.00	0.00	0.00	0.00	57.67	0.00	0.00	14.33
91	9.240	24.98	0.00	17.78	9.26	6.67	9.62	10.73	0.00	0.00	0.00	0.00	0.00	55.33	0.00	0.00	14.24
92	9.220	25.00	0.00	17.78	9.26	6.65	9.52	10.58	0.00	0.00	0.00	0.00	0.00	53.00	0.00	0.00	14.15

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 6 CONT STRUCT TO OAKWOOD POND #2

BAYOU CHAUVIN CALIBRATION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
93	UPR RCH	0.02258	25.00	0.00	17.78	9.26	6.65	9.52	10.58	0.00	0.00	0.00	0.00	53.00	0.00	14.15
EACH	INCR	0.0000														
110	WSTLD	0.00030	25.20	0.00	151.00	69.40	5.90	11.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
93	9.22	9.20	0.02257	88.13	0.00585	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
94	9.20	9.18	0.02256	88.13	0.00585	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
95	9.18	9.16	0.02255	88.13	0.00584	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
96	9.16	9.14	0.02255	88.13	0.00584	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
97	9.14	9.12	0.02254	88.13	0.00584	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
98	9.12	9.10	0.02253	88.13	0.00584	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
99	9.10	9.08	0.02252	88.13	0.00584	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006





202	7.04	7.02	0.02200	88.28	0.00570	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
203	7.02	7.00	0.02199	88.28	0.00570	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
204	7.00	6.98	0.02199	88.28	0.00570	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
205	6.98	6.96	0.02198	88.28	0.00570	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
206	6.96	6.94	0.02197	88.28	0.00569	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
207	6.94	6.92	0.02196	88.28	0.00569	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
208	6.92	6.90	0.02196	88.28	0.00569	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
209	6.90	6.88	0.02195	88.28	0.00569	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
210	6.88	6.86	0.02194	88.28	0.00569	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
211	6.86	6.84	0.02193	88.28	0.00568	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
212	6.84	6.82	0.02192	88.28	0.00568	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
213	6.82	6.80	0.02192	88.28	0.00568	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
214	6.80	6.78	0.02191	88.28	0.00568	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
215	6.78	6.76	0.02190	88.28	0.00567	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
216	6.76	6.74	0.02189	88.28	0.00567	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
217	6.74	6.72	0.02188	88.28	0.00567	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
218	6.72	6.70	0.02188	88.28	0.00567	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
219	6.70	6.68	0.02187	88.28	0.00567	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
220	6.68	6.66	0.02186	88.28	0.00566	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
221	6.66	6.64	0.02185	88.28	0.00566	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
222	6.64	6.62	0.02184	88.28	0.00566	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
223	6.62	6.60	0.02184	88.28	0.00566	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
224	6.60	6.58	0.02183	88.28	0.00566	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
225	6.58	6.56	0.02182	88.28	0.00565	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
226	6.56	6.54	0.02181	88.28	0.00565	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
227	6.54	6.52	0.02180	88.28	0.00565	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
228	6.52	6.50	0.02180	88.28	0.00565	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
229	6.50	6.48	0.02179	88.28	0.00565	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
230	6.48	6.46	0.02178	88.28	0.00564	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
231	6.46	6.44	0.02177	88.28	0.00564	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
232	6.44	6.42	0.02176	88.28	0.00564	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
233	6.42	6.40	0.02176	88.28	0.00564	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
234	6.40	6.38	0.02175	88.28	0.00564	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
235	6.38	6.36	0.02174	88.28	0.00563	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
236	6.36	6.34	0.02173	88.28	0.00563	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
237	6.34	6.32	0.02172	88.28	0.00563	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
238	6.32	6.30	0.02172	88.28	0.00563	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
239	6.30	6.28	0.02171	88.28	0.00563	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
240	6.28	6.26	0.02170	88.28	0.00562	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
241	6.26	6.24	0.02169	88.28	0.00562	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
242	6.24	6.22	0.02168	88.28	0.00562	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006
243	6.22	6.20	0.02168	88.28	0.00562	0.04	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.006

TOT						6.07			11654.09	28536.03					
AVG					0.00576		0.41	9.45			3.86				
CUM						15.80									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM ENDING SAT REAER CBOD CBOD ANBOD BKGD FULL CORR ORGN ORGN NH3 NH3 DENIT PO4 ALG MAC COLI NCM NCM

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

NO.	DIST	D.O. mg/L	RATE 1/da	DECAY 1/da	SETT 1/da	DECAY 1/da	SOD *	SOD *	SOD *	DECAY 1/da	SETT 1/da	DECAY 1/da	SRCE *	RATE 1/da	SRCE *	PROD **	PROD **	DECAY 1/da	DECAY 1/da	SETT 1/da
93	9.200	8.26	2.01	0.25	0.17	0.00	3.29	4.59	4.59	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.00	0.14	0.11
94	9.180	8.26	2.01	0.25	0.17	0.00	3.29	4.58	4.58	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.00	0.00	0.14	0.11
95	9.160	8.26	2.01	0.25	0.17	0.00	3.29	4.57	4.57	0.00	0.00	0.00	0.00	0.00	0.00	9.22	0.00	0.00	0.14	0.11
96	9.140	8.27	2.01	0.25	0.17	0.00	3.29	4.57	4.57	0.00	0.00	0.00	0.00	0.00	0.00	9.18	0.00	0.00	0.14	0.11
97	9.120	8.27	2.01	0.25	0.17	0.00	3.28	4.56	4.56	0.00	0.00	0.00	0.00	0.00	0.00	9.14	0.00	0.00	0.14	0.11
98	9.100	8.27	2.01	0.25	0.17	0.00	3.28	4.55	4.55	0.00	0.00	0.00	0.00	0.00	0.00	9.10	0.00	0.00	0.14	0.11
99	9.080	8.27	2.01	0.25	0.17	0.00	3.28	4.54	4.54	0.00	0.00	0.00	0.00	0.00	0.00	9.06	0.00	0.00	0.14	0.11
100	9.060	8.27	2.01	0.25	0.17	0.00	3.28	4.54	4.54	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.00	0.00	0.14	0.11
101	9.040	8.27	2.01	0.25	0.17	0.00	3.28	4.53	4.53	0.00	0.00	0.00	0.00	0.00	0.00	8.99	0.00	0.00	0.14	0.11
102	9.020	8.27	2.01	0.25	0.17	0.00	3.28	4.52	4.52	0.00	0.00	0.00	0.00	0.00	0.00	8.95	0.00	0.00	0.14	0.11
103	9.000	8.27	2.01	0.25	0.17	0.00	3.28	4.52	4.52	0.00	0.00	0.00	0.00	0.00	0.00	8.91	0.00	0.00	0.14	0.11
104	8.980	8.27	2.01	0.25	0.17	0.00	3.28	4.51	4.51	0.00	0.00	0.00	0.00	0.00	0.00	8.87	0.00	0.00	0.14	0.11
105	8.960	8.27	2.01	0.25	0.17	0.00	3.28	4.50	4.50	0.00	0.00	0.00	0.00	0.00	0.00	8.83	0.00	0.00	0.14	0.11
106	8.940	8.27	2.01	0.25	0.17	0.00	3.28	4.50	4.50	0.00	0.00	0.00	0.00	0.00	0.00	8.79	0.00	0.00	0.14	0.11
107	8.920	8.27	2.01	0.25	0.17	0.00	3.28	4.49	4.49	0.00	0.00	0.00	0.00	0.00	0.00	8.76	0.00	0.00	0.14	0.11
108	8.900	8.27	2.01	0.25	0.17	0.00	3.28	4.48	4.48	0.00	0.00	0.00	0.00	0.00	0.00	8.72	0.00	0.00	0.14	0.11
109	8.880	8.27	2.01	0.25	0.17	0.00	3.28	4.48	4.48	0.00	0.00	0.00	0.00	0.00	0.00	8.68	0.00	0.00	0.14	0.11
110	8.860	8.27	2.01	0.25	0.17	0.00	3.28	4.47	4.47	0.00	0.00	0.00	0.00	0.00	0.00	8.64	0.00	0.00	0.14	0.11
111	8.840	8.27	2.01	0.25	0.17	0.00	3.28	4.46	4.46	0.00	0.00	0.00	0.00	0.00	0.00	8.60	0.00	0.00	0.14	0.11
112	8.820	8.27	2.01	0.25	0.17	0.00	3.27	4.46	4.46	0.00	0.00	0.00	0.00	0.00	0.00	8.56	0.00	0.00	0.14	0.11
113	8.800	8.27	2.01	0.25	0.17	0.00	3.27	4.45	4.45	0.00	0.00	0.00	0.00	0.00	0.00	8.52	0.00	0.00	0.14	0.11
114	8.780	8.27	2.01	0.25	0.17	0.00	3.27	4.44	4.44	0.00	0.00	0.00	0.00	0.00	0.00	8.49	0.00	0.00	0.14	0.11
115	8.760	8.27	2.01	0.25	0.17	0.00	3.27	4.44	4.44	0.00	0.00	0.00	0.00	0.00	0.00	8.45	0.00	0.00	0.14	0.11
116	8.740	8.28	2.01	0.25	0.17	0.00	3.27	4.43	4.43	0.00	0.00	0.00	0.00	0.00	0.00	8.41	0.00	0.00	0.14	0.11
117	8.720	8.28	2.01	0.25	0.17	0.00	3.27	4.43	4.43	0.00	0.00	0.00	0.00	0.00	0.00	8.37	0.00	0.00	0.14	0.11
118	8.700	8.28	2.01	0.25	0.17	0.00	3.27	4.42	4.42	0.00	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	0.14	0.11
119	8.680	8.28	2.01	0.25	0.17	0.00	3.27	4.42	4.42	0.00	0.00	0.00	0.00	0.00	0.00	8.29	0.00	0.00	0.14	0.11
120	8.660	8.28	2.01	0.25	0.17	0.00	3.27	4.41	4.41	0.00	0.00	0.00	0.00	0.00	0.00	8.26	0.00	0.00	0.14	0.11
121	8.640	8.28	2.01	0.25	0.17	0.00	3.27	4.41	4.41	0.00	0.00	0.00	0.00	0.00	0.00	8.22	0.00	0.00	0.14	0.11
122	8.620	8.28	2.01	0.25	0.17	0.00	3.27	4.40	4.40	0.00	0.00	0.00	0.00	0.00	0.00	8.18	0.00	0.00	0.14	0.11
123	8.600	8.28	2.01	0.25	0.17	0.00	3.27	4.39	4.39	0.00	0.00	0.00	0.00	0.00	0.00	8.14	0.00	0.00	0.14	0.11
124	8.580	8.28	2.01	0.25	0.17	0.00	3.27	4.39	4.39	0.00	0.00	0.00	0.00	0.00	0.00	8.10	0.00	0.00	0.14	0.11
125	8.560	8.28	2.01	0.25	0.17	0.00	3.27	4.38	4.38	0.00	0.00	0.00	0.00	0.00	0.00	8.06	0.00	0.00	0.14	0.11
126	8.540	8.28	2.01	0.25	0.17	0.00	3.26	4.38	4.38	0.00	0.00	0.00	0.00	0.00	0.00	8.02	0.00	0.00	0.14	0.11
127	8.520	8.28	2.01	0.25	0.17	0.00	3.26	4.37	4.37	0.00	0.00	0.00	0.00	0.00	0.00	7.99	0.00	0.00	0.14	0.11
128	8.500	8.28	2.01	0.25	0.17	0.00	3.26	4.37	4.37	0.00	0.00	0.00	0.00	0.00	0.00	7.95	0.00	0.00	0.14	0.11
129	8.480	8.28	2.01	0.25	0.17	0.00	3.26	4.36	4.36	0.00	0.00	0.00	0.00	0.00	0.00	7.91	0.00	0.00	0.14	0.11
130	8.460	8.28	2.01	0.25	0.17	0.00	3.26	4.36	4.36	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	0.14	0.11
131	8.440	8.28	2.01	0.25	0.17	0.00	3.26	4.35	4.35	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.00	0.00	0.14	0.11
132	8.420	8.28	2.01	0.25	0.17	0.00	3.26	4.35	4.35	0.00	0.00	0.00	0.00	0.00	0.00	7.79	0.00	0.00	0.14	0.11
133	8.400	8.28	2.01	0.25	0.17	0.00	3.26	4.34	4.34	0.00	0.00	0.00	0.00	0.00	0.00	7.76	0.00	0.00	0.14	0.11
134	8.380	8.28	2.01	0.25	0.17	0.00	3.26	4.34	4.34	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00	0.14	0.11
135	8.360	8.28	2.01	0.25	0.17	0.00	3.26	4.33	4.33	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0.00	0.00	0.14	0.11
136	8.340	8.29	2.01	0.25	0.17	0.00	3.26	4.33	4.33	0.00	0.00	0.00	0.00	0.00	0.00	7.64	0.00	0.00	0.14	0.11
137	8.320	8.29	2.01	0.25	0.17	0.00	3.26	4.32	4.32	0.00	0.00	0.00	0.00	0.00	0.00	7.60	0.00	0.00	0.14	0.11
138	8.300	8.29	2.01	0.25	0.17	0.00	3.26	4.32	4.32	0.00	0.00	0.00	0.00	0.00	0.00	7.57	0.00	0.00	0.14	0.11
139	8.280	8.29	2.01	0.25	0.17	0.00	3.26	4.32	4.32	0.00	0.00	0.00	0.00	0.00	0.00	7.53	0.00	0.00	0.14	0.11
140	8.260	8.29	2.01	0.25	0.17	0.00	3.26	4.31	4.31	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.00	0.00	0.14	0.11





Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

243	6.200	8.34	1.99	0.25	0.17	0.00	3.19	4.10	4.10	0.00	0.00	0.00	0.00	0.00	0.00	3.61	0.00	0.00	0.14	0.11
20 DEG C RATE				0.20		0.00	2.40			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			1.83		0.15					0.00										0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
93	9.200	25.00	0.00	17.78	9.26	6.54	9.47	10.53	0.00	0.00	0.00	0.00	0.00	52.79	0.00	0.00	14.07
94	9.180	24.99	0.00	17.78	9.26	6.44	9.43	10.48	0.00	0.00	0.00	0.00	0.00	52.58	0.00	0.00	13.99
95	9.160	24.99	0.00	17.78	9.26	6.34	9.38	10.43	0.00	0.00	0.00	0.00	0.00	52.36	0.00	0.00	13.91
96	9.140	24.99	0.00	17.78	9.26	6.25	9.34	10.38	0.00	0.00	0.00	0.00	0.00	52.15	0.00	0.00	13.83
97	9.120	24.98	0.00	17.78	9.26	6.17	9.30	10.34	0.00	0.00	0.00	0.00	0.00	51.94	0.00	0.00	13.75
98	9.100	24.98	0.00	17.78	9.26	6.10	9.26	10.29	0.00	0.00	0.00	0.00	0.00	51.73	0.00	0.00	13.67
99	9.080	24.98	0.00	17.78	9.26	6.03	9.21	10.24	0.00	0.00	0.00	0.00	0.00	51.52	0.00	0.00	13.60
100	9.060	24.97	0.00	17.78	9.26	5.96	9.17	10.20	0.00	0.00	0.00	0.00	0.00	51.30	0.00	0.00	13.52
101	9.040	24.97	0.00	17.78	9.26	5.90	9.13	10.16	0.00	0.00	0.00	0.00	0.00	51.09	0.00	0.00	13.44
102	9.020	24.97	0.00	17.78	9.26	5.85	9.09	10.11	0.00	0.00	0.00	0.00	0.00	50.88	0.00	0.00	13.37
103	9.000	24.96	0.00	17.78	9.26	5.79	9.06	10.07	0.00	0.00	0.00	0.00	0.00	50.67	0.00	0.00	13.30
104	8.980	24.96	0.00	17.78	9.26	5.75	9.02	10.03	0.00	0.00	0.00	0.00	0.00	50.46	0.00	0.00	13.22
105	8.960	24.96	0.00	17.78	9.26	5.70	8.98	9.99	0.00	0.00	0.00	0.00	0.00	50.25	0.00	0.00	13.15
106	8.940	24.95	0.00	17.78	9.26	5.66	8.94	9.94	0.00	0.00	0.00	0.00	0.00	50.03	0.00	0.00	13.08
107	8.920	24.95	0.00	17.78	9.26	5.62	8.91	9.90	0.00	0.00	0.00	0.00	0.00	49.82	0.00	0.00	13.01
108	8.900	24.95	0.00	17.78	9.26	5.59	8.87	9.86	0.00	0.00	0.00	0.00	0.00	49.61	0.00	0.00	12.94
109	8.880	24.94	0.00	17.82	9.28	5.55	8.84	9.83	0.00	0.00	0.00	0.00	0.00	49.40	0.00	0.00	12.87
110	8.860	24.94	0.00	19.54	10.06	5.53	8.83	9.82	0.00	0.00	0.00	0.00	0.00	49.19	0.00	0.00	12.74
111	8.840	24.94	0.00	19.54	10.06	5.50	8.80	9.78	0.00	0.00	0.00	0.00	0.00	48.97	0.00	0.00	12.67
112	8.820	24.93	0.00	19.54	10.06	5.47	8.76	9.74	0.00	0.00	0.00	0.00	0.00	48.76	0.00	0.00	12.61
113	8.800	24.93	0.00	19.54	10.06	5.45	8.73	9.70	0.00	0.00	0.00	0.00	0.00	48.55	0.00	0.00	12.54
114	8.780	24.93	0.00	19.54	10.06	5.43	8.70	9.67	0.00	0.00	0.00	0.00	0.00	48.34	0.00	0.00	12.48
115	8.760	24.92	0.00	19.54	10.06	5.40	8.67	9.63	0.00	0.00	0.00	0.00	0.00	48.13	0.00	0.00	12.41
116	8.740	24.92	0.00	19.54	10.06	5.38	8.64	9.60	0.00	0.00	0.00	0.00	0.00	47.91	0.00	0.00	12.35
117	8.720	24.92	0.00	19.54	10.06	5.36	8.61	9.56	0.00	0.00	0.00	0.00	0.00	47.70	0.00	0.00	12.29
118	8.700	24.91	0.00	19.54	10.06	5.35	8.58	9.53	0.00	0.00	0.00	0.00	0.00	47.49	0.00	0.00	12.22
119	8.680	24.91	0.00	19.54	10.06	5.33	8.55	9.49	0.00	0.00	0.00	0.00	0.00	47.28	0.00	0.00	12.16
120	8.660	24.91	0.00	19.54	10.06	5.31	8.52	9.46	0.00	0.00	0.00	0.00	0.00	47.07	0.00	0.00	12.10
121	8.640	24.90	0.00	19.54	10.06	5.30	8.49	9.43	0.00	0.00	0.00	0.00	0.00	46.85	0.00	0.00	12.04
122	8.620	24.90	0.00	19.54	10.06	5.28	8.46	9.39	0.00	0.00	0.00	0.00	0.00	46.64	0.00	0.00	11.98
123	8.600	24.90	0.00	19.54	10.06	5.27	8.43	9.36	0.00	0.00	0.00	0.00	0.00	46.43	0.00	0.00	11.92
124	8.580	24.89	0.00	19.54	10.06	5.26	8.41	9.33	0.00	0.00	0.00	0.00	0.00	46.22	0.00	0.00	11.86
125	8.560	24.89	0.00	19.54	10.06	5.25	8.38	9.30	0.00	0.00	0.00	0.00	0.00	46.01	0.00	0.00	11.81
126	8.540	24.89	0.00	19.54	10.06	5.23	8.35	9.27	0.00	0.00	0.00	0.00	0.00	45.79	0.00	0.00	11.75
127	8.520	24.88	0.00	19.54	10.06	5.22	8.33	9.24	0.00	0.00	0.00	0.00	0.00	45.58	0.00	0.00	11.69
128	8.500	24.88	0.00	19.54	10.06	5.21	8.30	9.21	0.00	0.00	0.00	0.00	0.00	45.37	0.00	0.00	11.64
129	8.480	24.88	0.00	19.54	10.06	5.20	8.28	9.18	0.00	0.00	0.00	0.00	0.00	45.16	0.00	0.00	11.58
130	8.460	24.87	0.00	19.54	10.06	5.19	8.25	9.15	0.00	0.00	0.00	0.00	0.00	44.95	0.00	0.00	11.53

131	8.440	24.87	0.00	19.54	10.06	5.18	8.23	9.12	0.00	0.00	0.00	0.00	0.00	44.74	0.00	0.00	11.47
132	8.420	24.87	0.00	19.54	10.06	5.17	8.20	9.09	0.00	0.00	0.00	0.00	0.00	44.52	0.00	0.00	11.42
133	8.400	24.86	0.00	19.54	10.06	5.16	8.18	9.07	0.00	0.00	0.00	0.00	0.00	44.31	0.00	0.00	11.36
134	8.380	24.86	0.00	19.54	10.06	5.15	8.16	9.04	0.00	0.00	0.00	0.00	0.00	44.10	0.00	0.00	11.31
135	8.360	24.86	0.00	19.54	10.06	5.14	8.14	9.01	0.00	0.00	0.00	0.00	0.00	43.89	0.00	0.00	11.26
136	8.340	24.85	0.00	19.54	10.06	5.14	8.11	8.99	0.00	0.00	0.00	0.00	0.00	43.68	0.00	0.00	11.21
137	8.320	24.85	0.00	19.54	10.06	5.13	8.09	8.96	0.00	0.00	0.00	0.00	0.00	43.46	0.00	0.00	11.15
138	8.300	24.85	0.00	19.54	10.06	5.12	8.07	8.93	0.00	0.00	0.00	0.00	0.00	43.25	0.00	0.00	11.10
139	8.280	24.84	0.00	19.54	10.06	5.11	8.05	8.91	0.00	0.00	0.00	0.00	0.00	43.04	0.00	0.00	11.05
140	8.260	24.84	0.00	19.54	10.06	5.10	8.03	8.88	0.00	0.00	0.00	0.00	0.00	42.83	0.00	0.00	11.00
141	8.240	24.84	0.00	19.54	10.06	5.09	8.01	8.86	0.00	0.00	0.00	0.00	0.00	42.62	0.00	0.00	10.95
142	8.220	24.83	0.00	19.54	10.06	5.09	7.99	8.84	0.00	0.00	0.00	0.00	0.00	42.40	0.00	0.00	10.90
143	8.200	24.83	0.00	19.54	10.06	5.08	7.97	8.81	0.00	0.00	0.00	0.00	0.00	42.19	0.00	0.00	10.86
144	8.180	24.83	0.00	19.54	10.06	5.07	7.95	8.79	0.00	0.00	0.00	0.00	0.00	41.98	0.00	0.00	10.81
145	8.160	24.82	0.00	19.54	10.06	5.06	7.93	8.76	0.00	0.00	0.00	0.00	0.00	41.77	0.00	0.00	10.76
146	8.140	24.82	0.00	19.54	10.06	5.05	7.91	8.74	0.00	0.00	0.00	0.00	0.00	41.56	0.00	0.00	10.71
147	8.120	24.82	0.00	19.54	10.06	5.05	7.89	8.72	0.00	0.00	0.00	0.00	0.00	41.34	0.00	0.00	10.67
148	8.100	24.81	0.00	19.54	10.06	5.04	7.87	8.70	0.00	0.00	0.00	0.00	0.00	41.13	0.00	0.00	10.62
149	8.080	24.81	0.00	19.54	10.06	5.03	7.86	8.67	0.00	0.00	0.00	0.00	0.00	40.92	0.00	0.00	10.57
150	8.060	24.81	0.00	19.54	10.06	5.02	7.84	8.65	0.00	0.00	0.00	0.00	0.00	40.71	0.00	0.00	10.53
151	8.040	24.80	0.00	19.54	10.06	5.01	7.82	8.63	0.00	0.00	0.00	0.00	0.00	40.50	0.00	0.00	10.48
152	8.020	24.80	0.00	19.54	10.06	5.01	7.80	8.61	0.00	0.00	0.00	0.00	0.00	40.28	0.00	0.00	10.44
153	8.000	24.80	0.00	19.54	10.06	5.00	7.79	8.59	0.00	0.00	0.00	0.00	0.00	40.07	0.00	0.00	10.40
154	7.980	24.79	0.00	19.54	10.06	4.99	7.77	8.57	0.00	0.00	0.00	0.00	0.00	39.86	0.00	0.00	10.35
155	7.960	24.79	0.00	19.54	10.06	4.98	7.75	8.55	0.00	0.00	0.00	0.00	0.00	39.65	0.00	0.00	10.31
156	7.940	24.79	0.00	19.54	10.06	4.97	7.74	8.53	0.00	0.00	0.00	0.00	0.00	39.44	0.00	0.00	10.27
157	7.920	24.78	0.00	19.54	10.06	4.97	7.72	8.51	0.00	0.00	0.00	0.00	0.00	39.23	0.00	0.00	10.22
158	7.900	24.78	0.00	19.54	10.06	4.96	7.71	8.49	0.00	0.00	0.00	0.00	0.00	39.01	0.00	0.00	10.18
159	7.880	24.78	0.00	19.54	10.06	4.95	7.69	8.47	0.00	0.00	0.00	0.00	0.00	38.80	0.00	0.00	10.14
160	7.860	24.77	0.00	19.54	10.06	4.94	7.68	8.45	0.00	0.00	0.00	0.00	0.00	38.59	0.00	0.00	10.10
161	7.840	24.77	0.00	19.54	10.06	4.93	7.66	8.43	0.00	0.00	0.00	0.00	0.00	38.38	0.00	0.00	10.06
162	7.820	24.77	0.00	19.54	10.06	4.92	7.65	8.41	0.00	0.00	0.00	0.00	0.00	38.17	0.00	0.00	10.02
163	7.800	24.76	0.00	19.54	10.06	4.91	7.64	8.39	0.00	0.00	0.00	0.00	0.00	37.95	0.00	0.00	9.98
164	7.780	24.76	0.00	19.54	10.06	4.91	7.62	8.38	0.00	0.00	0.00	0.00	0.00	37.74	0.00	0.00	9.94
165	7.760	24.76	0.00	19.54	10.06	4.90	7.61	8.36	0.00	0.00	0.00	0.00	0.00	37.53	0.00	0.00	9.90
166	7.740	24.75	0.00	19.54	10.06	4.89	7.59	8.34	0.00	0.00	0.00	0.00	0.00	37.32	0.00	0.00	9.86
167	7.720	24.75	0.00	19.54	10.06	4.88	7.58	8.32	0.00	0.00	0.00	0.00	0.00	37.11	0.00	0.00	9.83
168	7.700	24.75	0.00	19.54	10.06	4.87	7.57	8.31	0.00	0.00	0.00	0.00	0.00	36.89	0.00	0.00	9.79
169	7.680	24.75	0.00	19.54	10.06	4.86	7.56	8.29	0.00	0.00	0.00	0.00	0.00	36.68	0.00	0.00	9.75
170	7.660	24.74	0.00	19.54	10.06	4.85	7.54	8.27	0.00	0.00	0.00	0.00	0.00	36.47	0.00	0.00	9.71
171	7.640	24.74	0.00	19.54	10.06	4.84	7.53	8.26	0.00	0.00	0.00	0.00	0.00	36.26	0.00	0.00	9.68
172	7.620	24.74	0.00	19.54	10.06	4.83	7.52	8.24	0.00	0.00	0.00	0.00	0.00	36.05	0.00	0.00	9.64
173	7.600	24.73	0.00	19.54	10.06	4.82	7.51	8.22	0.00	0.00	0.00	0.00	0.00	35.83	0.00	0.00	9.60
174	7.580	24.73	0.00	19.54	10.06	4.81	7.50	8.21	0.00	0.00	0.00	0.00	0.00	35.62	0.00	0.00	9.57
175	7.560	24.73	0.00	19.54	10.06	4.80	7.48	8.19	0.00	0.00	0.00	0.00	0.00	35.41	0.00	0.00	9.53
176	7.540	24.72	0.00	19.54	10.06	4.79	7.47	8.18	0.00	0.00	0.00	0.00	0.00	35.20	0.00	0.00	9.50
177	7.520	24.72	0.00	19.54	10.06	4.78	7.46	8.16	0.00	0.00	0.00	0.00	0.00	34.99	0.00	0.00	9.46
178	7.500	24.72	0.00	19.54	10.06	4.77	7.45	8.15	0.00	0.00	0.00	0.00	0.00	34.77	0.00	0.00	9.43
179	7.480	24.71	0.00	19.54	10.06	4.76	7.44	8.13	0.00	0.00	0.00	0.00	0.00	34.56	0.00	0.00	9.40
180	7.460	24.71	0.00	19.54	10.06	4.75	7.43	8.12	0.00	0.00	0.00	0.00	0.00	34.35	0.00	0.00	9.36
181	7.440	24.71	0.00	19.54	10.06	4.74	7.42	8.10	0.00	0.00	0.00	0.00	0.00	34.14	0.00	0.00	9.33

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

182	7.420	24.70	0.00	19.54	10.06	4.73	7.41	8.09	0.00	0.00	0.00	0.00	0.00	33.93	0.00	0.00	9.30
183	7.400	24.70	0.00	19.54	10.06	4.72	7.40	8.07	0.00	0.00	0.00	0.00	0.00	33.72	0.00	0.00	9.26
184	7.380	24.70	0.00	19.54	10.06	4.71	7.39	8.06	0.00	0.00	0.00	0.00	0.00	33.50	0.00	0.00	9.23
185	7.360	24.69	0.00	19.54	10.06	4.70	7.38	8.05	0.00	0.00	0.00	0.00	0.00	33.29	0.00	0.00	9.20
186	7.340	24.69	0.00	19.54	10.06	4.69	7.37	8.03	0.00	0.00	0.00	0.00	0.00	33.08	0.00	0.00	9.17
187	7.320	24.69	0.00	19.54	10.06	4.68	7.36	8.02	0.00	0.00	0.00	0.00	0.00	32.87	0.00	0.00	9.14
188	7.300	24.68	0.00	19.54	10.06	4.67	7.35	8.01	0.00	0.00	0.00	0.00	0.00	32.66	0.00	0.00	9.11
189	7.280	24.68	0.00	19.54	10.06	4.66	7.34	7.99	0.00	0.00	0.00	0.00	0.00	32.44	0.00	0.00	9.08
190	7.260	24.68	0.00	19.54	10.06	4.65	7.34	7.98	0.00	0.00	0.00	0.00	0.00	32.23	0.00	0.00	9.04
191	7.240	24.67	0.00	19.54	10.06	4.64	7.33	7.97	0.00	0.00	0.00	0.00	0.00	32.02	0.00	0.00	9.01
192	7.220	24.67	0.00	19.54	10.06	4.62	7.32	7.95	0.00	0.00	0.00	0.00	0.00	31.81	0.00	0.00	8.99
193	7.200	24.67	0.00	19.54	10.06	4.61	7.31	7.94	0.00	0.00	0.00	0.00	0.00	31.60	0.00	0.00	8.96
194	7.180	24.66	0.00	19.54	10.06	4.60	7.30	7.93	0.00	0.00	0.00	0.00	0.00	31.38	0.00	0.00	8.93
195	7.160	24.66	0.00	19.54	10.06	4.59	7.29	7.92	0.00	0.00	0.00	0.00	0.00	31.17	0.00	0.00	8.90
196	7.140	24.66	0.00	19.54	10.06	4.58	7.29	7.91	0.00	0.00	0.00	0.00	0.00	30.96	0.00	0.00	8.87
197	7.120	24.65	0.00	19.54	10.06	4.57	7.28	7.89	0.00	0.00	0.00	0.00	0.00	30.75	0.00	0.00	8.84
198	7.100	24.65	0.00	19.54	10.06	4.56	7.27	7.88	0.00	0.00	0.00	0.00	0.00	30.54	0.00	0.00	8.81
199	7.080	24.65	0.00	19.54	10.06	4.54	7.26	7.87	0.00	0.00	0.00	0.00	0.00	30.32	0.00	0.00	8.79
200	7.060	24.64	0.00	19.54	10.06	4.53	7.26	7.86	0.00	0.00	0.00	0.00	0.00	30.11	0.00	0.00	8.76
201	7.040	24.64	0.00	19.54	10.06	4.52	7.25	7.85	0.00	0.00	0.00	0.00	0.00	29.90	0.00	0.00	8.73
202	7.020	24.64	0.00	19.54	10.06	4.51	7.24	7.84	0.00	0.00	0.00	0.00	0.00	29.69	0.00	0.00	8.70
203	7.000	24.63	0.00	19.54	10.06	4.50	7.24	7.82	0.00	0.00	0.00	0.00	0.00	29.48	0.00	0.00	8.68
204	6.980	24.63	0.00	19.54	10.06	4.48	7.23	7.81	0.00	0.00	0.00	0.00	0.00	29.26	0.00	0.00	8.65
205	6.960	24.63	0.00	19.54	10.06	4.47	7.22	7.80	0.00	0.00	0.00	0.00	0.00	29.05	0.00	0.00	8.63
206	6.940	24.62	0.00	19.54	10.06	4.46	7.22	7.79	0.00	0.00	0.00	0.00	0.00	28.84	0.00	0.00	8.60
207	6.920	24.62	0.00	19.54	10.06	4.45	7.21	7.78	0.00	0.00	0.00	0.00	0.00	28.63	0.00	0.00	8.57
208	6.900	24.62	0.00	19.54	10.06	4.44	7.20	7.77	0.00	0.00	0.00	0.00	0.00	28.42	0.00	0.00	8.55
209	6.880	24.61	0.00	19.54	10.06	4.42	7.20	7.76	0.00	0.00	0.00	0.00	0.00	28.21	0.00	0.00	8.52
210	6.860	24.61	0.00	19.54	10.06	4.41	7.19	7.75	0.00	0.00	0.00	0.00	0.00	27.99	0.00	0.00	8.50
211	6.840	24.61	0.00	19.54	10.06	4.40	7.18	7.74	0.00	0.00	0.00	0.00	0.00	27.78	0.00	0.00	8.47
212	6.820	24.60	0.00	19.54	10.06	4.39	7.18	7.73	0.00	0.00	0.00	0.00	0.00	27.57	0.00	0.00	8.45
213	6.800	24.60	0.00	19.54	10.06	4.37	7.17	7.72	0.00	0.00	0.00	0.00	0.00	27.36	0.00	0.00	8.43
214	6.780	24.60	0.00	19.54	10.06	4.36	7.17	7.71	0.00	0.00	0.00	0.00	0.00	27.15	0.00	0.00	8.40
215	6.760	24.59	0.00	19.54	10.06	4.35	7.16	7.70	0.00	0.00	0.00	0.00	0.00	26.93	0.00	0.00	8.38
216	6.740	24.59	0.00	19.54	10.06	4.34	7.16	7.69	0.00	0.00	0.00	0.00	0.00	26.72	0.00	0.00	8.36
217	6.720	24.59	0.00	19.54	10.06	4.32	7.15	7.68	0.00	0.00	0.00	0.00	0.00	26.51	0.00	0.00	8.33
218	6.700	24.58	0.00	19.54	10.06	4.31	7.15	7.67	0.00	0.00	0.00	0.00	0.00	26.30	0.00	0.00	8.31
219	6.680	24.58	0.00	19.54	10.06	4.30	7.14	7.66	0.00	0.00	0.00	0.00	0.00	26.09	0.00	0.00	8.29
220	6.660	24.58	0.00	19.54	10.06	4.28	7.14	7.65	0.00	0.00	0.00	0.00	0.00	25.87	0.00	0.00	8.27
221	6.640	24.57	0.00	19.54	10.06	4.27	7.13	7.64	0.00	0.00	0.00	0.00	0.00	25.66	0.00	0.00	8.24
222	6.620	24.57	0.00	19.54	10.06	4.26	7.13	7.64	0.00	0.00	0.00	0.00	0.00	25.45	0.00	0.00	8.22
223	6.600	24.57	0.00	19.54	10.06	4.24	7.12	7.63	0.00	0.00	0.00	0.00	0.00	25.24	0.00	0.00	8.20
224	6.580	24.56	0.00	19.54	10.06	4.23	7.12	7.62	0.00	0.00	0.00	0.00	0.00	25.03	0.00	0.00	8.18
225	6.560	24.56	0.00	19.54	10.06	4.22	7.11	7.61	0.00	0.00	0.00	0.00	0.00	24.81	0.00	0.00	8.16
226	6.540	24.56	0.00	19.54	10.06	4.20	7.11	7.60	0.00	0.00	0.00	0.00	0.00	24.60	0.00	0.00	8.14
227	6.520	24.55	0.00	19.54	10.06	4.19	7.10	7.59	0.00	0.00	0.00	0.00	0.00	24.39	0.00	0.00	8.12
228	6.500	24.55	0.00	19.54	10.06	4.18	7.10	7.58	0.00	0.00	0.00	0.00	0.00	24.18	0.00	0.00	8.10
229	6.480	24.55	0.00	19.54	10.06	4.16	7.09	7.57	0.00	0.00	0.00	0.00	0.00	23.97	0.00	0.00	8.07
230	6.460	24.54	0.00	19.54	10.06	4.15	7.09	7.57	0.00	0.00	0.00	0.00	0.00	23.75	0.00	0.00	8.05
231	6.440	24.54	0.00	19.54	10.06	4.14	7.09	7.56	0.00	0.00	0.00	0.00	0.00	23.54	0.00	0.00	8.03
232	6.420	24.54	0.00	19.54	10.06	4.12	7.08	7.55	0.00	0.00	0.00	0.00	0.00	23.33	0.00	0.00	8.02



258	5.92	5.90	0.03106	91.85	0.00787	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
259	5.90	5.88	0.03105	91.85	0.00787	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
260	5.88	5.86	0.03104	91.85	0.00786	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
261	5.86	5.84	0.03103	91.85	0.00786	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
262	5.84	5.82	0.03103	91.85	0.00786	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
263	5.82	5.80	0.03102	91.85	0.00786	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
264	5.80	5.78	0.03101	91.85	0.00786	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
265	5.78	5.76	0.03100	91.85	0.00785	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
266	5.76	5.74	0.03100	91.85	0.00785	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
267	5.74	5.72	0.03099	91.85	0.00785	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
268	5.72	5.70	0.03098	91.85	0.00785	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
269	5.70	5.68	0.03097	91.85	0.00785	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
270	5.68	5.66	0.03096	91.85	0.00784	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
271	5.66	5.64	0.03096	91.85	0.00784	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
272	5.64	5.62	0.03095	91.85	0.00784	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
273	5.62	5.60	0.03094	91.85	0.00784	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
274	5.60	5.58	0.03093	91.85	0.00784	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
275	5.58	5.56	0.03092	91.85	0.00783	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
276	5.56	5.54	0.03092	91.85	0.00783	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
277	5.54	5.52	0.03091	91.85	0.00783	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
278	5.52	5.50	0.03090	91.85	0.00783	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
279	5.50	5.48	0.03089	91.85	0.00783	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
280	5.48	5.46	0.03088	91.85	0.00782	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
281	5.46	5.44	0.03088	91.85	0.00782	0.03	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.008
TOT										2999.71	8339.48				
AVG					0.00786			0.36	10.97					3.95	
CUM							1.12				16.92				

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
244	6.180	8.34	2.36	0.25	0.17	0.00	0.00	1.29	1.29	0.00	0.00	0.00	0.00	0.00	0.00	3.82	0.00	0.00	0.14	0.11
245	6.160	8.33	2.36	0.25	0.17	0.00	0.00	1.31	1.31	0.00	0.00	0.00	0.00	0.00	0.00	4.02	0.00	0.00	0.14	0.11
246	6.140	8.33	2.36	0.25	0.17	0.00	0.00	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	4.22	0.00	0.00	0.14	0.11
247	6.120	8.33	2.36	0.25	0.17	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	4.43	0.00	0.00	0.14	0.11
248	6.100	8.33	2.36	0.25	0.17	0.00	0.00	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	4.63	0.00	0.00	0.14	0.11
249	6.080	8.33	2.36	0.25	0.17	0.00	0.00	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	4.83	0.00	0.00	0.14	0.11
250	6.060	8.32	2.36	0.25	0.17	0.00	0.00	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	5.04	0.00	0.00	0.14	0.11
251	6.040	8.32	2.36	0.25	0.17	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	5.24	0.00	0.00	0.14	0.11
252	6.020	8.32	2.36	0.25	0.17	0.00	0.00	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	5.44	0.00	0.00	0.14	0.11
253	6.000	8.32	2.36	0.25	0.17	0.00	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	5.65	0.00	0.00	0.14	0.11
254	5.980	8.31	2.36	0.25	0.17	0.00	0.00	1.48	1.48	0.00	0.00	0.00	0.00	0.00	0.00	5.85	0.00	0.00	0.14	0.11
255	5.960	8.31	2.36	0.25	0.17	0.00	0.00	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	6.06	0.00	0.00	0.14	0.11
256	5.940	8.31	2.36	0.25	0.17	0.00	0.00	1.51	1.51	0.00	0.00	0.00	0.00	0.00	0.00	6.26	0.00	0.00	0.14	0.11
257	5.920	8.31	2.36	0.25	0.17	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	6.47	0.00	0.00	0.14	0.11
258	5.900	8.30	2.36	0.25	0.17	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	6.68	0.00	0.00	0.14	0.11

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

259	5.880	8.30	2.36	0.25	0.17	0.00	0.00	1.56	1.56	0.00	0.00	0.00	0.00	0.00	0.00	6.88	0.00	0.00	0.14	0.11
260	5.860	8.30	2.36	0.25	0.17	0.00	0.00	1.58	1.58	0.00	0.00	0.00	0.00	0.00	0.00	7.09	0.00	0.00	0.14	0.11
261	5.840	8.30	2.37	0.25	0.17	0.00	0.00	1.60	1.60	0.00	0.00	0.00	0.00	0.00	0.00	7.30	0.00	0.00	0.14	0.11
262	5.820	8.29	2.37	0.25	0.17	0.00	0.00	1.61	1.61	0.00	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	0.14	0.11
263	5.800	8.29	2.37	0.25	0.17	0.00	0.00	1.63	1.63	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.00	0.00	0.14	0.11
264	5.780	8.29	2.37	0.25	0.17	0.00	0.00	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.14	0.11
265	5.760	8.29	2.37	0.25	0.17	0.00	0.00	1.66	1.66	0.00	0.00	0.00	0.00	0.00	0.00	8.13	0.00	0.00	0.14	0.11
266	5.740	8.28	2.37	0.25	0.17	0.00	0.00	1.68	1.68	0.00	0.00	0.00	0.00	0.00	0.00	8.34	0.00	0.00	0.14	0.11
267	5.720	8.28	2.37	0.25	0.17	0.00	0.00	1.69	1.69	0.00	0.00	0.00	0.00	0.00	0.00	8.55	0.00	0.00	0.14	0.11
268	5.700	8.28	2.37	0.25	0.17	0.00	0.00	1.71	1.71	0.00	0.00	0.00	0.00	0.00	0.00	8.76	0.00	0.00	0.14	0.11
269	5.680	8.28	2.37	0.25	0.17	0.00	0.00	1.72	1.72	0.00	0.00	0.00	0.00	0.00	0.00	8.96	0.00	0.00	0.14	0.11
270	5.660	8.27	2.37	0.25	0.17	0.00	0.00	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	0.14	0.11
271	5.640	8.27	2.37	0.25	0.17	0.00	0.00	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	9.38	0.00	0.00	0.14	0.11
272	5.620	8.27	2.37	0.25	0.17	0.00	0.00	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.00	0.00	0.14	0.11
273	5.600	8.27	2.37	0.25	0.17	0.00	0.00	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	9.81	0.00	0.00	0.14	0.11
274	5.580	8.26	2.37	0.25	0.17	0.00	0.00	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	10.02	0.00	0.00	0.14	0.11
275	5.560	8.26	2.37	0.25	0.17	0.00	0.00	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	10.23	0.00	0.00	0.14	0.11
276	5.540	8.26	2.37	0.25	0.17	0.00	0.00	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.00	0.00	0.14	0.11
277	5.520	8.26	2.38	0.25	0.17	0.00	0.00	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	10.65	0.00	0.00	0.14	0.11
278	5.500	8.26	2.38	0.25	0.17	0.00	0.00	1.85	1.85	0.00	0.00	0.00	0.00	0.00	0.00	10.86	0.00	0.00	0.14	0.11
279	5.480	8.25	2.38	0.25	0.17	0.00	0.00	1.86	1.86	0.00	0.00	0.00	0.00	0.00	0.00	11.08	0.00	0.00	0.14	0.11
280	5.460	8.25	2.38	0.25	0.17	0.00	0.00	1.88	1.88	0.00	0.00	0.00	0.00	0.00	0.00	11.29	0.00	0.00	0.14	0.11
281	5.440	8.25	2.38	0.25	0.17	0.00	0.00	1.89	1.89	0.00	0.00	0.00	0.00	0.00	0.00	11.50	0.00	0.00	0.14	0.11
20 DEG C RATE				0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			2.16		0.15					0.00		0.00	0.00	0.00	0.00			0.00		0.10

\* g/sq m/d      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
244	6.180	24.52	0.00	25.74	16.23	4.68	10.15	10.59	0.00	0.00	0.00	0.00	0.00	22.16	0.00	0.00	17.02
245	6.160	24.53	0.00	25.74	16.23	4.79	10.46	10.93	0.00	0.00	0.00	0.00	0.00	23.32	0.00	0.00	17.03
246	6.140	24.55	0.00	25.74	16.23	4.90	10.77	11.26	0.00	0.00	0.00	0.00	0.00	24.47	0.00	0.00	17.04
247	6.120	24.56	0.00	25.74	16.23	5.00	11.07	11.58	0.00	0.00	0.00	0.00	0.00	25.63	0.00	0.00	17.05
248	6.100	24.58	0.00	25.74	16.23	5.10	11.37	11.91	0.00	0.00	0.00	0.00	0.00	26.79	0.00	0.00	17.06
249	6.080	24.59	0.00	25.74	16.23	5.19	11.67	12.23	0.00	0.00	0.00	0.00	0.00	27.95	0.00	0.00	17.07
250	6.060	24.61	0.00	25.74	16.23	5.28	11.97	12.55	0.00	0.00	0.00	0.00	0.00	29.11	0.00	0.00	17.08
251	6.040	24.63	0.00	25.74	16.23	5.36	12.26	12.86	0.00	0.00	0.00	0.00	0.00	30.26	0.00	0.00	17.09
252	6.020	24.64	0.00	25.74	16.23	5.44	12.54	13.17	0.00	0.00	0.00	0.00	0.00	31.42	0.00	0.00	17.10
253	6.000	24.66	0.00	25.74	16.23	5.52	12.83	13.48	0.00	0.00	0.00	0.00	0.00	32.58	0.00	0.00	17.11
254	5.980	24.67	0.00	25.74	16.23	5.59	13.11	13.78	0.00	0.00	0.00	0.00	0.00	33.74	0.00	0.00	17.12
255	5.960	24.69	0.00	25.74	16.23	5.67	13.38	14.08	0.00	0.00	0.00	0.00	0.00	34.89	0.00	0.00	17.13
256	5.940	24.71	0.00	25.74	16.23	5.74	13.66	14.38	0.00	0.00	0.00	0.00	0.00	36.05	0.00	0.00	17.14
257	5.920	24.72	0.00	25.74	16.23	5.80	13.93	14.67	0.00	0.00	0.00	0.00	0.00	37.21	0.00	0.00	17.15
258	5.900	24.74	0.00	25.74	16.23	5.87	14.19	14.96	0.00	0.00	0.00	0.00	0.00	38.37	0.00	0.00	17.16
259	5.880	24.75	0.00	25.74	16.23	5.93	14.46	15.25	0.00	0.00	0.00	0.00	0.00	39.53	0.00	0.00	17.17

260	5.860	24.77	0.00	25.74	16.23	5.99	14.72	15.53	0.00	0.00	0.00	0.00	0.00	40.68	0.00	0.00	17.18
261	5.840	24.78	0.00	25.74	16.23	6.05	14.97	15.81	0.00	0.00	0.00	0.00	0.00	41.84	0.00	0.00	17.19
262	5.820	24.80	0.00	25.74	16.23	6.11	15.23	16.09	0.00	0.00	0.00	0.00	0.00	43.00	0.00	0.00	17.20
263	5.800	24.82	0.00	25.74	16.23	6.17	15.48	16.36	0.00	0.00	0.00	0.00	0.00	44.16	0.00	0.00	17.20
264	5.780	24.83	0.00	25.74	16.23	6.23	15.73	16.63	0.00	0.00	0.00	0.00	0.00	45.32	0.00	0.00	17.21
265	5.760	24.85	0.00	25.74	16.23	6.28	15.97	16.90	0.00	0.00	0.00	0.00	0.00	46.47	0.00	0.00	17.22
266	5.740	24.86	0.00	25.74	16.23	6.34	16.21	17.16	0.00	0.00	0.00	0.00	0.00	47.63	0.00	0.00	17.23
267	5.720	24.88	0.00	25.74	16.23	6.39	16.45	17.43	0.00	0.00	0.00	0.00	0.00	48.79	0.00	0.00	17.24
268	5.700	24.89	0.00	25.74	16.23	6.44	16.69	17.69	0.00	0.00	0.00	0.00	0.00	49.95	0.00	0.00	17.24
269	5.680	24.91	0.00	25.74	16.23	6.49	16.92	17.94	0.00	0.00	0.00	0.00	0.00	51.11	0.00	0.00	17.25
270	5.660	24.93	0.00	25.74	16.23	6.54	17.15	18.19	0.00	0.00	0.00	0.00	0.00	52.26	0.00	0.00	17.26
271	5.640	24.94	0.00	25.74	16.23	6.59	17.38	18.44	0.00	0.00	0.00	0.00	0.00	53.42	0.00	0.00	17.27
272	5.620	24.96	0.00	25.74	16.23	6.64	17.60	18.69	0.00	0.00	0.00	0.00	0.00	54.58	0.00	0.00	17.27
273	5.600	24.97	0.00	25.74	16.23	6.69	17.82	18.94	0.00	0.00	0.00	0.00	0.00	55.74	0.00	0.00	17.28
274	5.580	24.99	0.00	25.74	16.23	6.74	18.04	19.18	0.00	0.00	0.00	0.00	0.00	56.89	0.00	0.00	17.29
275	5.560	25.01	0.00	25.74	16.23	6.79	18.26	19.42	0.00	0.00	0.00	0.00	0.00	58.05	0.00	0.00	17.29
276	5.540	25.02	0.00	25.74	16.23	6.84	18.47	19.65	0.00	0.00	0.00	0.00	0.00	59.21	0.00	0.00	17.30
277	5.520	25.04	0.00	25.74	16.23	6.89	18.68	19.89	0.00	0.00	0.00	0.00	0.00	60.37	0.00	0.00	17.31
278	5.500	25.05	0.00	25.74	16.23	6.94	18.89	20.12	0.00	0.00	0.00	0.00	0.00	61.53	0.00	0.00	17.31
279	5.480	25.07	0.00	25.74	16.23	6.99	19.09	20.34	0.00	0.00	0.00	0.00	0.00	62.68	0.00	0.00	17.32
280	5.460	25.08	0.00	25.74	16.23	7.04	19.29	20.56	0.00	0.00	0.00	0.00	0.00	63.84	0.00	0.00	17.32
281	5.440	25.10	0.00	25.74	16.23	7.08	19.44	20.74	0.00	0.00	0.00	0.00	0.00	65.00	0.00	0.00	17.33

\* CM-I = CHLORIDES CM-II = SULFATES NCM = NBOD  
 MG/L MG/L MG/L  
 \*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN CALIBRATION  
 REACH NO. 8 OLD ST RD TO WEST ELMWOOD DITCH

***** REACH INPUTS *****																
ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A ug/L	COLI #/100mL	NCM *
282	UPR RCH	0.03088	25.10	0.00	25.74	16.23	7.08	19.44	20.74	0.00	0.00	0.00	0.00	65.00	0.00	17.33
EACH	INCR	0.0000														

***** HYDRAULIC PARAMETER VALUES *****																
ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s	
282	5.44	5.42	0.03087	91.85	0.00645	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006	
283	5.42	5.40	0.03086	91.85	0.00645	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006	
284	5.40	5.38	0.03085	91.85	0.00645	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006	
285	5.38	5.36	0.03084	91.85	0.00644	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006	

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

286	5.36	5.34	0.03084	91.85	0.00644	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006
287	5.34	5.32	0.03083	91.85	0.00644	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006
288	5.32	5.30	0.03082	91.85	0.00644	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006
289	5.30	5.28	0.03081	91.85	0.00644	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006
290	5.28	5.26	0.03080	91.85	0.00644	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006
291	5.26	5.24	0.03080	91.85	0.00643	0.04	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.006
TOT									0.36					957.26	1950.80
AVG					0.00644			0.49	9.75					4.79	
CUM								17.28							

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAT 1/da	CBOD SETT 1/da	ANBOD DECAT 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAT 1/da	ORGN SETT 1/da	NH3 DECAT 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAT 1/da	NCM DECAT 1/da	NCM SETT 1/da
282	5.420	8.24	1.70	0.25	0.17	0.00	0.00	2.57	2.57	0.00	0.00	0.00	0.00	0.00	0.00	11.49	0.00	0.00	0.14	0.11
283	5.400	8.24	1.70	0.25	0.17	0.00	0.00	2.56	2.56	0.00	0.00	0.00	0.00	0.00	0.00	11.49	0.00	0.00	0.14	0.11
284	5.380	8.24	1.70	0.25	0.17	0.00	0.00	2.55	2.55	0.00	0.00	0.00	0.00	0.00	0.00	11.48	0.00	0.00	0.14	0.11
285	5.360	8.24	1.70	0.25	0.17	0.00	0.00	2.54	2.54	0.00	0.00	0.00	0.00	0.00	0.00	11.47	0.00	0.00	0.14	0.11
286	5.340	8.23	1.70	0.25	0.17	0.00	0.00	2.53	2.53	0.00	0.00	0.00	0.00	0.00	0.00	11.47	0.00	0.00	0.14	0.11
287	5.320	8.23	1.70	0.25	0.17	0.00	0.00	2.52	2.52	0.00	0.00	0.00	0.00	0.00	0.00	11.46	0.00	0.00	0.14	0.11
288	5.300	8.23	1.70	0.25	0.17	0.00	0.00	2.52	2.52	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	0.14	0.11
289	5.280	8.22	1.70	0.25	0.17	0.00	0.00	2.51	2.51	0.00	0.00	0.00	0.00	0.00	0.00	11.44	0.00	0.00	0.14	0.11
290	5.260	8.22	1.70	0.25	0.17	0.00	0.00	2.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	11.44	0.00	0.00	0.14	0.11
291	5.240	8.22	1.70	0.26	0.17	0.00	0.00	2.51	2.51	0.00	0.00	0.00	0.00	0.00	0.00	11.43	0.00	0.00	0.14	0.11
20	DEG C RATE			0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			1.54	0.15					0.00										0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
282	5.420	25.12	0.00	25.74	16.23	7.11	19.34	20.64	0.00	0.00	0.00	0.00	0.00	64.90	0.00	0.00	17.31
283	5.400	25.14	0.00	25.74	16.23	7.14	19.24	20.53	0.00	0.00	0.00	0.00	0.00	64.80	0.00	0.00	17.29
284	5.380	25.16	0.00	25.74	16.23	7.17	19.13	20.43	0.00	0.00	0.00	0.00	0.00	64.70	0.00	0.00	17.27
285	5.360	25.18	0.00	25.74	16.23	7.20	19.03	20.32	0.00	0.00	0.00	0.00	0.00	64.60	0.00	0.00	17.25
286	5.340	25.20	0.00	25.74	16.23	7.22	18.93	20.22	0.00	0.00	0.00	0.00	0.00	64.50	0.00	0.00	17.23
287	5.320	25.22	0.00	25.74	16.23	7.25	18.83	20.12	0.00	0.00	0.00	0.00	0.00	64.40	0.00	0.00	17.21
288	5.300	25.24	0.00	25.74	16.23	7.28	18.74	20.02	0.00	0.00	0.00	0.00	0.00	64.30	0.00	0.00	17.19
289	5.280	25.26	0.00	25.74	16.23	7.30	18.64	19.92	0.00	0.00	0.00	0.00	0.00	64.20	0.00	0.00	17.18
290	5.260	25.28	0.00	25.75	16.23	7.32	18.55	19.83	0.00	0.00	0.00	0.00	0.00	64.10	0.00	0.00	17.17
291	5.240	25.30	0.00	25.81	16.28	7.34	18.57	19.85	0.00	0.00	0.00	0.00	0.00	64.00	0.00	0.00	17.27

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 10 W ELMWOOD DITCH TO ALM RR

BAYOU CHAUVIN CALIBRATION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
328	UPR RCH	0.03080	25.30	0.00	25.81	16.28	7.34	18.57	19.85	0.00	0.00	0.00	0.00	64.00	0.00	17.27
328	TRIB	0.00328	25.30	0.00	30.19	19.49	7.21	26.40	27.68	0.00	0.00	0.00	0.00	64.00	0.00	26.03
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
328	5.24	5.22	0.03407	91.81	0.00712	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
329	5.22	5.20	0.03406	91.81	0.00712	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
330	5.20	5.18	0.03406	91.81	0.00712	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
331	5.18	5.16	0.03405	91.81	0.00711	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
332	5.16	5.14	0.03404	91.81	0.00711	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
333	5.14	5.12	0.03403	91.81	0.00711	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
334	5.12	5.10	0.03402	91.81	0.00711	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
335	5.10	5.08	0.03401	91.81	0.00711	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
336	5.08	5.06	0.03401	91.81	0.00710	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
337	5.06	5.04	0.03400	91.81	0.00710	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
338	5.04	5.02	0.03399	91.81	0.00710	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
339	5.02	5.00	0.03398	91.81	0.00710	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
340	5.00	4.98	0.03397	91.81	0.00710	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
341	4.98	4.96	0.03396	91.81	0.00710	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
342	4.96	4.94	0.03396	91.81	0.00709	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
343	4.94	4.92	0.03395	91.81	0.00709	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
344	4.92	4.90	0.03394	91.81	0.00709	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
345	4.90	4.88	0.03393	91.81	0.00709	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
346	4.88	4.86	0.03392	91.81	0.00709	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
347	4.86	4.84	0.03392	91.81	0.00709	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
348	4.84	4.82	0.03391	91.81	0.00708	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
349	4.82	4.80	0.03390	91.81	0.00708	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
350	4.80	4.78	0.03389	91.81	0.00708	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
351	4.78	4.76	0.03388	91.81	0.00708	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
352	4.76	4.74	0.03387	91.81	0.00708	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
353	4.74	4.72	0.03387	91.81	0.00708	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

354	4.72	4.70	0.03386	91.81	0.00707	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
355	4.70	4.68	0.03385	91.81	0.00707	0.03	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.007
TOT						0.91			2680.32	5462.24					
AVG					0.00710		0.49	9.75			4.79				
CUM						18.19									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
328	5.220	8.22	1.73	0.26	0.17	0.00	0.00	2.72	2.72	0.00	0.00	0.00	0.00	0.00	0.00	11.42	0.00	0.00	0.14	0.11
329	5.200	8.21	1.73	0.26	0.17	0.00	0.00	2.70	2.70	0.00	0.00	0.00	0.00	0.00	0.00	11.40	0.00	0.00	0.14	0.11
330	5.180	8.21	1.73	0.26	0.17	0.00	0.00	2.68	2.68	0.00	0.00	0.00	0.00	0.00	0.00	11.39	0.00	0.00	0.14	0.11
331	5.160	8.21	1.73	0.26	0.17	0.00	0.00	2.67	2.67	0.00	0.00	0.00	0.00	0.00	0.00	11.38	0.00	0.00	0.14	0.11
332	5.140	8.21	1.73	0.26	0.17	0.00	0.00	2.65	2.65	0.00	0.00	0.00	0.00	0.00	0.00	11.36	0.00	0.00	0.14	0.11
333	5.120	8.21	1.73	0.26	0.17	0.00	0.00	2.63	2.63	0.00	0.00	0.00	0.00	0.00	0.00	11.35	0.00	0.00	0.14	0.11
334	5.100	8.21	1.73	0.26	0.17	0.00	0.00	2.61	2.61	0.00	0.00	0.00	0.00	0.00	0.00	11.33	0.00	0.00	0.14	0.11
335	5.080	8.20	1.73	0.26	0.17	0.00	0.00	2.59	2.59	0.00	0.00	0.00	0.00	0.00	0.00	11.32	0.00	0.00	0.14	0.11
336	5.060	8.20	1.73	0.26	0.17	0.00	0.00	2.58	2.58	0.00	0.00	0.00	0.00	0.00	0.00	11.31	0.00	0.00	0.14	0.11
337	5.040	8.20	1.73	0.26	0.17	0.00	0.00	2.56	2.56	0.00	0.00	0.00	0.00	0.00	0.00	11.29	0.00	0.00	0.14	0.11
338	5.020	8.20	1.73	0.26	0.17	0.00	0.00	2.54	2.54	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.00	0.00	0.14	0.11
339	5.000	8.20	1.73	0.26	0.17	0.00	0.00	2.52	2.52	0.00	0.00	0.00	0.00	0.00	0.00	11.27	0.00	0.00	0.14	0.11
340	4.980	8.20	1.73	0.26	0.17	0.00	0.00	2.51	2.51	0.00	0.00	0.00	0.00	0.00	0.00	11.25	0.00	0.00	0.14	0.11
341	4.960	8.20	1.73	0.26	0.17	0.00	0.00	2.49	2.49	0.00	0.00	0.00	0.00	0.00	0.00	11.24	0.00	0.00	0.14	0.11
342	4.940	8.19	1.73	0.26	0.17	0.00	0.00	2.47	2.47	0.00	0.00	0.00	0.00	0.00	0.00	11.22	0.00	0.00	0.14	0.11
343	4.920	8.19	1.73	0.26	0.17	0.00	0.00	2.46	2.46	0.00	0.00	0.00	0.00	0.00	0.00	11.21	0.00	0.00	0.14	0.11
344	4.900	8.19	1.73	0.26	0.17	0.00	0.00	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	11.20	0.00	0.00	0.14	0.11
345	4.880	8.19	1.73	0.26	0.17	0.00	0.00	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.00	0.00	0.15	0.11
346	4.860	8.19	1.73	0.26	0.17	0.00	0.00	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	11.17	0.00	0.00	0.15	0.11
347	4.840	8.19	1.73	0.26	0.17	0.00	0.00	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00	11.16	0.00	0.00	0.15	0.11
348	4.820	8.18	1.73	0.26	0.17	0.00	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	0.00	11.14	0.00	0.00	0.15	0.11
349	4.800	8.18	1.73	0.26	0.17	0.00	0.00	2.36	2.36	0.00	0.00	0.00	0.00	0.00	0.00	11.13	0.00	0.00	0.15	0.11
350	4.780	8.18	1.73	0.26	0.17	0.00	0.00	2.35	2.35	0.00	0.00	0.00	0.00	0.00	0.00	11.11	0.00	0.00	0.15	0.11
351	4.760	8.18	1.73	0.26	0.17	0.00	0.00	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	11.10	0.00	0.00	0.15	0.11
352	4.740	8.18	1.73	0.26	0.17	0.00	0.00	2.32	2.32	0.00	0.00	0.00	0.00	0.00	0.00	11.09	0.00	0.00	0.15	0.11
353	4.720	8.18	1.73	0.26	0.17	0.00	0.00	2.30	2.30	0.00	0.00	0.00	0.00	0.00	0.00	11.07	0.00	0.00	0.15	0.11
354	4.700	8.17	1.73	0.26	0.17	0.00	0.00	2.29	2.29	0.00	0.00	0.00	0.00	0.00	0.00	11.06	0.00	0.00	0.15	0.11
355	4.680	8.17	1.73	0.26	0.17	0.00	0.00	2.28	2.28	0.00	0.00	0.00	0.00	0.00	0.00	11.04	0.00	0.00	0.15	0.11
20	DEG C RATE			0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE		1.56		0.15					0.00										0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
328	5.220	25.31	0.00	26.69	16.92	7.31	20.00	21.28	0.00	0.00	0.00	0.00	0.00	63.89	0.00	0.00	18.91
329	5.200	25.32	0.00	26.69	16.92	7.30	19.85	21.13	0.00	0.00	0.00	0.00	0.00	63.79	0.00	0.00	18.79
330	5.180	25.33	0.00	26.69	16.92	7.29	19.70	20.97	0.00	0.00	0.00	0.00	0.00	63.68	0.00	0.00	18.67
331	5.160	25.34	0.00	26.69	16.92	7.29	19.55	20.82	0.00	0.00	0.00	0.00	0.00	63.57	0.00	0.00	18.55
332	5.140	25.35	0.00	26.69	16.92	7.29	19.40	20.67	0.00	0.00	0.00	0.00	0.00	63.46	0.00	0.00	18.42
333	5.120	25.36	0.00	26.69	16.92	7.29	19.26	20.52	0.00	0.00	0.00	0.00	0.00	63.36	0.00	0.00	18.30
334	5.100	25.37	0.00	26.69	16.92	7.29	19.11	20.38	0.00	0.00	0.00	0.00	0.00	63.25	0.00	0.00	18.18
335	5.080	25.39	0.00	26.69	16.92	7.29	18.97	20.23	0.00	0.00	0.00	0.00	0.00	63.14	0.00	0.00	18.07
336	5.060	25.40	0.00	26.69	16.92	7.30	18.83	20.09	0.00	0.00	0.00	0.00	0.00	63.04	0.00	0.00	17.95
337	5.040	25.41	0.00	26.69	16.92	7.31	18.69	19.95	0.00	0.00	0.00	0.00	0.00	62.93	0.00	0.00	17.83
338	5.020	25.42	0.00	26.69	16.92	7.32	18.56	19.81	0.00	0.00	0.00	0.00	0.00	62.82	0.00	0.00	17.71
339	5.000	25.43	0.00	26.69	16.92	7.33	18.42	19.68	0.00	0.00	0.00	0.00	0.00	62.71	0.00	0.00	17.60
340	4.980	25.44	0.00	26.69	16.92	7.34	18.29	19.54	0.00	0.00	0.00	0.00	0.00	62.61	0.00	0.00	17.48
341	4.960	25.45	0.00	26.69	16.92	7.36	18.16	19.41	0.00	0.00	0.00	0.00	0.00	62.50	0.00	0.00	17.37
342	4.940	25.46	0.00	26.69	16.92	7.37	18.03	19.27	0.00	0.00	0.00	0.00	0.00	62.39	0.00	0.00	17.26
343	4.920	25.47	0.00	26.69	16.92	7.39	17.90	19.14	0.00	0.00	0.00	0.00	0.00	62.29	0.00	0.00	17.15
344	4.900	25.48	0.00	26.69	16.92	7.41	17.77	19.02	0.00	0.00	0.00	0.00	0.00	62.18	0.00	0.00	17.04
345	4.880	25.49	0.00	26.69	16.92	7.43	17.65	18.89	0.00	0.00	0.00	0.00	0.00	62.07	0.00	0.00	16.93
346	4.860	25.50	0.00	26.69	16.92	7.45	17.52	18.76	0.00	0.00	0.00	0.00	0.00	61.96	0.00	0.00	16.82
347	4.840	25.51	0.00	26.69	16.92	7.47	17.40	18.64	0.00	0.00	0.00	0.00	0.00	61.86	0.00	0.00	16.71
348	4.820	25.52	0.00	26.69	16.92	7.49	17.28	18.52	0.00	0.00	0.00	0.00	0.00	61.75	0.00	0.00	16.60
349	4.800	25.54	0.00	26.69	16.92	7.51	17.16	18.40	0.00	0.00	0.00	0.00	0.00	61.64	0.00	0.00	16.49
350	4.780	25.55	0.00	26.69	16.92	7.53	17.05	18.28	0.00	0.00	0.00	0.00	0.00	61.54	0.00	0.00	16.39
351	4.760	25.56	0.00	26.69	16.92	7.55	16.93	18.16	0.00	0.00	0.00	0.00	0.00	61.43	0.00	0.00	16.28
352	4.740	25.57	0.00	26.69	16.92	7.58	16.82	18.04	0.00	0.00	0.00	0.00	0.00	61.32	0.00	0.00	16.18
353	4.720	25.58	0.00	26.69	16.92	7.60	16.71	17.93	0.00	0.00	0.00	0.00	0.00	61.21	0.00	0.00	16.07
354	4.700	25.59	0.00	26.69	16.92	7.62	16.60	17.82	0.00	0.00	0.00	0.00	0.00	61.11	0.00	0.00	15.97
355	4.680	25.60	0.00	26.69	16.92	7.65	16.55	17.77	0.00	0.00	0.00	0.00	0.00	61.00	0.00	0.00	15.91

\* CM-I = CHLORIDES  
MG/L

CM-II = SULFATES  
MG/L

NCM = NBOD  
MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
REACH NO. 11 ALM RR TO NORTH MONROE DITCH

BAYOU CHAUVIN CALIBRATION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
356	UPR RCH	0.03385	25.60	0.00	26.69	16.92	7.65	16.55	17.77	0.00	0.00	0.00	0.00	61.00	0.00	15.91
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
356	4.68	4.66	0.03384	91.81	0.01012	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
357	4.66	4.64	0.03383	91.81	0.01012	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
358	4.64	4.62	0.03383	91.81	0.01012	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
359	4.62	4.60	0.03382	91.81	0.01011	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
360	4.60	4.58	0.03381	91.81	0.01011	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
361	4.58	4.56	0.03380	91.81	0.01011	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
362	4.56	4.54	0.03380	91.81	0.01011	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
363	4.54	4.52	0.03379	91.81	0.01010	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
364	4.52	4.50	0.03378	91.81	0.01010	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
365	4.50	4.48	0.03377	91.81	0.01010	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
366	4.48	4.46	0.03377	91.81	0.01010	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
367	4.46	4.44	0.03376	91.81	0.01009	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
368	4.44	4.42	0.03375	91.81	0.01009	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
369	4.42	4.40	0.03374	91.81	0.01009	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
370	4.40	4.38	0.03374	91.81	0.01009	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
371	4.38	4.36	0.03373	91.81	0.01009	0.02	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.010
TOT						0.37			1070.17	3901.44					
AVG					0.01010		0.27	12.19			3.34				
CUM						18.56									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
356	4.660	8.17	3.28	0.26	0.17	0.00	0.29	1.58	1.58	0.00	0.00	0.00	0.00	0.00	0.00	11.14	0.00	0.00	0.15	0.11
357	4.640	8.16	3.28	0.26	0.17	0.00	0.29	1.60	1.60	0.00	0.00	0.00	0.00	0.00	0.00	11.24	0.00	0.00	0.15	0.11
358	4.620	8.16	3.29	0.26	0.17	0.00	0.29	1.61	1.61	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.00	0.00	0.15	0.11
359	4.600	8.15	3.29	0.26	0.17	0.00	0.29	1.63	1.63	0.00	0.00	0.00	0.00	0.00	0.00	11.44	0.00	0.00	0.15	0.11
360	4.580	8.14	3.29	0.26	0.17	0.00	0.29	1.64	1.64	0.00	0.00	0.00	0.00	0.00	0.00	11.54	0.00	0.00	0.15	0.11
361	4.560	8.14	3.29	0.26	0.17	0.00	0.29	1.66	1.66	0.00	0.00	0.00	0.00	0.00	0.00	11.64	0.00	0.00	0.15	0.11
362	4.540	8.13	3.29	0.26	0.17	0.00	0.29	1.68	1.68	0.00	0.00	0.00	0.00	0.00	0.00	11.74	0.00	0.00	0.15	0.11
363	4.520	8.13	3.30	0.26	0.17	0.00	0.29	1.69	1.69	0.00	0.00	0.00	0.00	0.00	0.00	11.84	0.00	0.00	0.15	0.12
364	4.500	8.12	3.30	0.26	0.17	0.00	0.29	1.71	1.71	0.00	0.00	0.00	0.00	0.00	0.00	11.94	0.00	0.00	0.15	0.12
365	4.480	8.12	3.30	0.26	0.17	0.00	0.29	1.72	1.72	0.00	0.00	0.00	0.00	0.00	0.00	12.04	0.00	0.00	0.15	0.12
366	4.460	8.11	3.30	0.26	0.17	0.00	0.29	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	12.14	0.00	0.00	0.15	0.12
367	4.440	8.11	3.31	0.26	0.17	0.00	0.29	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	12.25	0.00	0.00	0.15	0.12
368	4.420	8.10	3.31	0.26	0.17	0.00	0.29	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	12.35	0.00	0.00	0.15	0.12
369	4.400	8.09	3.31	0.26	0.17	0.00	0.29	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	12.45	0.00	0.00	0.15	0.12
370	4.380	8.09	3.31	0.27	0.17	0.00	0.29	1.79	1.79	0.00	0.00	0.00	0.00	0.00	0.00	12.55	0.00	0.00	0.15	0.12
371	4.360	8.08	3.31	0.27	0.17	0.00	0.30	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	12.66	0.00	0.00	0.15	0.12
20 DEG C RATE				0.20		0.00	0.20			0.00		0.00	0.00	0.00	0.00			0.00	0.10	

AVG 20 DEG C RATE 2.95 0.15 0.00 0.10

\* g/sq m/d \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
356	4.660	25.64	0.00	26.69	16.92	7.65	16.79	18.02	0.00	0.00	0.00	0.00	0.00	61.44	0.00	0.00	16.07
357	4.640	25.68	0.00	26.69	16.92	7.66	17.01	18.25	0.00	0.00	0.00	0.00	0.00	61.87	0.00	0.00	16.21
358	4.620	25.71	0.00	26.69	16.92	7.66	17.22	18.47	0.00	0.00	0.00	0.00	0.00	62.31	0.00	0.00	16.34
359	4.600	25.75	0.00	26.69	16.92	7.67	17.43	18.69	0.00	0.00	0.00	0.00	0.00	62.75	0.00	0.00	16.48
360	4.580	25.79	0.00	26.69	16.92	7.67	17.64	18.91	0.00	0.00	0.00	0.00	0.00	63.19	0.00	0.00	16.61
361	4.560	25.83	0.00	26.69	16.92	7.67	17.85	19.12	0.00	0.00	0.00	0.00	0.00	63.62	0.00	0.00	16.75
362	4.540	25.86	0.00	26.69	16.92	7.67	18.06	19.34	0.00	0.00	0.00	0.00	0.00	64.06	0.00	0.00	16.88
363	4.520	25.90	0.00	26.69	16.92	7.66	18.26	19.55	0.00	0.00	0.00	0.00	0.00	64.50	0.00	0.00	17.01
364	4.500	25.94	0.00	26.69	16.92	7.66	18.46	19.76	0.00	0.00	0.00	0.00	0.00	64.94	0.00	0.00	17.14
365	4.480	25.98	0.00	26.69	16.92	7.65	18.66	19.96	0.00	0.00	0.00	0.00	0.00	65.37	0.00	0.00	17.27
366	4.460	26.01	0.00	26.69	16.92	7.65	18.85	20.17	0.00	0.00	0.00	0.00	0.00	65.81	0.00	0.00	17.40
367	4.440	26.05	0.00	26.69	16.92	7.64	19.04	20.37	0.00	0.00	0.00	0.00	0.00	66.25	0.00	0.00	17.53
368	4.420	26.09	0.00	26.70	16.92	7.63	19.23	20.56	0.00	0.00	0.00	0.00	0.00	66.69	0.00	0.00	17.65
369	4.400	26.12	0.00	26.71	16.94	7.63	19.40	20.74	0.00	0.00	0.00	0.00	0.00	67.12	0.00	0.00	17.76
370	4.380	26.16	0.00	26.76	16.97	7.63	19.52	20.87	0.00	0.00	0.00	0.00	0.00	67.56	0.00	0.00	17.82
371	4.360	26.20	0.00	26.95	17.11	7.64	19.45	20.81	0.00	0.00	0.00	0.00	0.00	68.00	0.00	0.00	17.69

\* CM-I = CHLORIDES MG/L CM-II = SULFATES MG/L NCM = NBOD MG/L  
 \*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN CALIBRATION  
 REACH NO. 13 N MONROE DITCH TO HWY 165

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
432	UPR RCH	0.03373	26.20	0.00	26.95	17.11	7.64	19.45	20.81	0.00	0.00	0.00	0.00	68.00	0.00	17.69
432	TRIB	0.00328	26.20	0.00	31.92	20.76	8.20	11.36	12.72	0.00	0.00	0.00	0.00	68.00	0.00	10.75
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
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432	4.36	4.34	0.03700	91.77	0.00885	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
433	4.34	4.32	0.03700	91.77	0.00885	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
434	4.32	4.30	0.03699	91.77	0.00885	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
435	4.30	4.28	0.03698	91.77	0.00885	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
436	4.28	4.26	0.03697	91.77	0.00884	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
437	4.26	4.24	0.03696	91.77	0.00884	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
438	4.24	4.22	0.03695	91.77	0.00884	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
439	4.22	4.20	0.03695	91.77	0.00884	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
440	4.20	4.18	0.03694	91.77	0.00884	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
441	4.18	4.16	0.03693	91.77	0.00883	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
442	4.16	4.14	0.03692	91.77	0.00883	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
443	4.14	4.12	0.03691	91.77	0.00883	0.03	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.009
TOT						0.31			1003.28	3657.60					
AVG					0.00884		0.27	15.24				4.18			
CUM						18.87									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
432	4.340	8.08	3.24	0.27	0.17	0.00	0.30	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	12.79	0.00	0.00	0.15	0.12
433	4.320	8.07	3.25	0.27	0.17	0.00	0.30	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	12.92	0.00	0.00	0.15	0.12
434	4.300	8.07	3.25	0.27	0.17	0.00	0.30	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	13.06	0.00	0.00	0.15	0.12
435	4.280	8.06	3.25	0.27	0.17	0.00	0.30	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	13.19	0.00	0.00	0.15	0.12
436	4.260	8.05	3.25	0.27	0.17	0.00	0.30	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.15	0.12
437	4.240	8.05	3.26	0.27	0.17	0.00	0.30	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	13.46	0.00	0.00	0.15	0.12
438	4.220	8.04	3.26	0.27	0.17	0.00	0.30	1.85	1.85	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.16	0.12
439	4.200	8.04	3.26	0.27	0.18	0.00	0.30	1.87	1.87	0.00	0.00	0.00	0.00	0.00	0.00	13.73	0.00	0.00	0.16	0.12
440	4.180	8.03	3.26	0.27	0.18	0.00	0.30	1.89	1.89	0.00	0.00	0.00	0.00	0.00	0.00	13.87	0.00	0.00	0.16	0.12
441	4.160	8.02	3.26	0.27	0.18	0.00	0.30	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	14.01	0.00	0.00	0.16	0.12
442	4.140	8.02	3.27	0.27	0.18	0.00	0.30	1.92	1.92	0.00	0.00	0.00	0.00	0.00	0.00	14.15	0.00	0.00	0.16	0.12
443	4.120	8.01	3.27	0.27	0.18	0.00	0.30	1.93	1.93	0.00	0.00	0.00	0.00	0.00	0.00	14.28	0.00	0.00	0.16	0.12
20	DEG C RATE			0.20		0.00	0.20			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE		2.88		0.15					0.00										0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
432	4.340	26.24	0.00	27.48	17.50	7.70	18.87	20.24	0.00	0.00	0.00	0.00	0.00	68.58	0.00	0.00	17.06
433	4.320	26.28	0.00	27.48	17.50	7.70	19.14	20.52	0.00	0.00	0.00	0.00	0.00	69.17	0.00	0.00	17.18



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da
444	4.100	8.02	7.66	0.27	0.18	0.00	0.45	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	14.15	0.00	0.00	0.16	0.12
445	4.080	8.04	7.65	0.27	0.18	0.00	0.45	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	14.02	0.00	0.00	0.16	0.12
446	4.060	8.05	7.64	0.27	0.17	0.00	0.45	1.51	1.51	0.00	0.00	0.00	0.00	0.00	0.00	13.89	0.00	0.00	0.15	0.12
447	4.040	8.06	7.62	0.27	0.17	0.00	0.45	1.51	1.51	0.00	0.00	0.00	0.00	0.00	0.00	13.76	0.00	0.00	0.15	0.12
448	4.020	8.08	7.61	0.27	0.17	0.00	0.44	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	13.63	0.00	0.00	0.15	0.12
449	4.000	8.09	7.60	0.27	0.17	0.00	0.44	1.49	1.49	0.00	0.00	0.00	0.00	0.00	0.00	13.50	0.00	0.00	0.15	0.12
450	3.980	8.11	7.59	0.26	0.17	0.00	0.44	1.48	1.48	0.00	0.00	0.00	0.00	0.00	0.00	13.37	0.00	0.00	0.15	0.12
451	3.960	8.12	7.57	0.26	0.17	0.00	0.44	1.48	1.48	0.00	0.00	0.00	0.00	0.00	0.00	13.24	0.00	0.00	0.15	0.12
452	3.940	8.13	7.56	0.26	0.17	0.00	0.43	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	13.11	0.00	0.00	0.15	0.11
453	3.920	8.15	7.55	0.26	0.17	0.00	0.43	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	12.99	0.00	0.00	0.15	0.11
454	3.900	8.16	7.54	0.26	0.17	0.00	0.43	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	12.86	0.00	0.00	0.15	0.11
455	3.880	8.17	7.52	0.26	0.17	0.00	0.43	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	12.74	0.00	0.00	0.15	0.11
456	3.860	8.19	7.51	0.26	0.17	0.00	0.42	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	12.62	0.00	0.00	0.15	0.11
20 DEG C RATE				0.20		0.00	0.30			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			6.76		0.15					0.00										0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
444	4.100	26.61	0.00	27.48	17.50	7.65	21.50	22.99	0.00	0.00	0.00	0.00	0.00	74.62	0.00	0.00	18.17
445	4.080	26.52	0.00	27.48	17.50	7.65	21.44	22.93	0.00	0.00	0.00	0.00	0.00	74.23	0.00	0.00	18.14
446	4.060	26.42	0.00	27.48	17.50	7.65	21.39	22.87	0.00	0.00	0.00	0.00	0.00	73.85	0.00	0.00	18.11
447	4.040	26.33	0.00	27.48	17.50	7.65	21.33	22.80	0.00	0.00	0.00	0.00	0.00	73.46	0.00	0.00	18.08
448	4.020	26.24	0.00	27.48	17.50	7.65	21.28	22.74	0.00	0.00	0.00	0.00	0.00	73.08	0.00	0.00	18.05
449	4.000	26.15	0.00	27.48	17.50	7.65	21.23	22.68	0.00	0.00	0.00	0.00	0.00	72.69	0.00	0.00	18.03
450	3.980	26.05	0.00	27.48	17.50	7.65	21.17	22.62	0.00	0.00	0.00	0.00	0.00	72.31	0.00	0.00	18.00
451	3.960	25.96	0.00	27.48	17.50	7.66	21.12	22.56	0.00	0.00	0.00	0.00	0.00	71.92	0.00	0.00	17.97
452	3.940	25.87	0.00	27.48	17.50	7.66	21.06	22.50	0.00	0.00	0.00	0.00	0.00	71.54	0.00	0.00	17.94
453	3.920	25.78	0.00	27.48	17.50	7.66	21.01	22.43	0.00	0.00	0.00	0.00	0.00	71.15	0.00	0.00	17.91
454	3.900	25.68	0.00	27.48	17.50	7.66	20.96	22.37	0.00	0.00	0.00	0.00	0.00	70.77	0.00	0.00	17.89
455	3.880	25.59	0.00	27.48	17.50	7.67	20.92	22.33	0.00	0.00	0.00	0.00	0.00	70.38	0.00	0.00	17.86
456	3.860	25.50	0.00	27.48	17.51	7.67	20.98	22.38	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	17.87

\* CM-I = CHLORIDES                      CM-II = SULFATES                      NCM = NBOD  
 MG/L    MG/L    MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 16 N GATE DITCH TO NORTHSIDE DITCH

BAYOU CHAUVIN CALIBRATION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
517	UPR RCH	0.03691	25.50	0.00	27.48	17.51	7.67	20.98	22.38	0.00	0.00	0.00	0.00	70.00	0.00	17.87
517	TRIB	0.00148	25.50	0.00	28.29	18.48	6.99	46.05	47.45	0.00	0.00	0.00	0.00	70.00	0.00	24.32

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
517	3.86	3.84	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
518	3.84	3.82	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
519	3.82	3.80	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
520	3.80	3.78	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
521	3.78	3.76	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
522	3.76	3.74	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
523	3.74	3.72	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
524	3.72	3.70	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
525	3.70	3.68	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
526	3.68	3.66	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
527	3.66	3.64	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
528	3.64	3.62	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
529	3.62	3.60	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
530	3.60	3.58	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
531	3.58	3.56	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
532	3.56	3.54	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
533	3.54	3.52	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
534	3.52	3.50	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
535	3.50	3.48	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
536	3.48	3.46	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
537	3.46	3.44	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
538	3.44	3.42	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
539	3.42	3.40	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
540	3.40	3.38	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
541	3.38	3.36	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
542	3.36	3.34	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
543	3.34	3.32	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
544	3.32	3.30	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
545	3.30	3.28	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
546	3.28	3.26	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
547	3.26	3.24	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041

Chauvin Bayou Watershed TMDL

Subsegment 080102

Originated: 7/20/2001, Revised 5/29/02

548	3.24	3.22	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
549	3.22	3.20	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
550	3.20	3.18	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
551	3.18	3.16	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
552	3.16	3.14	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
553	3.14	3.12	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
554	3.12	3.10	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
555	3.10	3.08	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041
556	3.08	3.06	0.03840	91.35	0.04054	0.01	0.18	5.14	18.94	102.78	0.95	0.00	0.000	0.078	0.041

TOT							0.23					757.72	4111.38								
AVG					0.04054			0.18	5.14					0.95							
CUM							19.18														

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAY 1/da	CBOD SETT 1/da	ANBOD DECAY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAY 1/da	ORGN SETT 1/da	NH3 DECAY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAY 1/da	NCM DECAY 1/da	NCM SETT 1/da
517	3.840	8.19	7.49	0.26	0.17	0.00	0.42	1.51	1.51	0.00	0.00	0.00	0.00	0.00	0.00	12.55	0.00	0.00	0.14	0.11
518	3.820	8.20	7.48	0.26	0.17	0.00	0.42	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	12.49	0.00	0.00	0.14	0.11
519	3.800	8.20	7.48	0.26	0.17	0.00	0.42	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	12.43	0.00	0.00	0.14	0.11
520	3.780	8.21	7.47	0.26	0.17	0.00	0.42	1.49	1.49	0.00	0.00	0.00	0.00	0.00	0.00	12.36	0.00	0.00	0.14	0.11
521	3.760	8.21	7.47	0.26	0.17	0.00	0.42	1.49	1.49	0.00	0.00	0.00	0.00	0.00	0.00	12.30	0.00	0.00	0.14	0.11
522	3.740	8.22	7.46	0.26	0.17	0.00	0.42	1.49	1.49	0.00	0.00	0.00	0.00	0.00	0.00	12.24	0.00	0.00	0.14	0.11
523	3.720	8.22	7.46	0.25	0.17	0.00	0.42	1.48	1.48	0.00	0.00	0.00	0.00	0.00	0.00	12.17	0.00	0.00	0.14	0.11
524	3.700	8.23	7.46	0.25	0.17	0.00	0.42	1.48	1.48	0.00	0.00	0.00	0.00	0.00	0.00	12.11	0.00	0.00	0.14	0.11
525	3.680	8.23	7.45	0.25	0.17	0.00	0.42	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	12.05	0.00	0.00	0.14	0.11
526	3.660	8.24	7.45	0.25	0.17	0.00	0.42	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	11.99	0.00	0.00	0.14	0.11
527	3.640	8.24	7.44	0.25	0.17	0.00	0.41	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	11.92	0.00	0.00	0.14	0.11
528	3.620	8.25	7.44	0.25	0.17	0.00	0.41	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	11.86	0.00	0.00	0.14	0.11
529	3.600	8.25	7.43	0.25	0.17	0.00	0.41	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	11.80	0.00	0.00	0.14	0.11
530	3.580	8.26	7.43	0.25	0.17	0.00	0.41	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	11.74	0.00	0.00	0.14	0.11
531	3.560	8.26	7.42	0.25	0.17	0.00	0.41	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	11.68	0.00	0.00	0.14	0.11
532	3.540	8.27	7.42	0.25	0.17	0.00	0.41	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	11.61	0.00	0.00	0.14	0.11
533	3.520	8.27	7.42	0.25	0.17	0.00	0.41	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	11.55	0.00	0.00	0.14	0.11
534	3.500	8.28	7.41	0.25	0.17	0.00	0.41	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	11.49	0.00	0.00	0.14	0.11
535	3.480	8.28	7.41	0.25	0.17	0.00	0.41	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	11.43	0.00	0.00	0.14	0.11
536	3.460	8.29	7.40	0.25	0.17	0.00	0.41	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	11.37	0.00	0.00	0.14	0.11
537	3.440	8.29	7.40	0.25	0.17	0.00	0.41	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	11.31	0.00	0.00	0.14	0.11
538	3.420	8.30	7.39	0.25	0.17	0.00	0.41	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	11.25	0.00	0.00	0.14	0.11
539	3.400	8.30	7.39	0.25	0.17	0.00	0.40	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	11.19	0.00	0.00	0.14	0.11
540	3.380	8.31	7.38	0.25	0.17	0.00	0.40	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	11.13	0.00	0.00	0.14	0.11
541	3.360	8.31	7.38	0.25	0.17	0.00	0.40	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	11.07	0.00	0.00	0.14	0.11
542	3.340	8.32	7.38	0.25	0.17	0.00	0.40	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	11.01	0.00	0.00	0.14	0.11
543	3.320	8.32	7.37	0.25	0.17	0.00	0.40	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	10.95	0.00	0.00	0.14	0.11
544	3.300	8.33	7.37	0.25	0.17	0.00	0.40	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	10.89	0.00	0.00	0.14	0.11
545	3.280	8.33	7.36	0.25	0.17	0.00	0.40	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	10.83	0.00	0.00	0.14	0.11
546	3.260	8.34	7.36	0.25	0.17	0.00	0.40	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.00	0.00	0.14	0.11

547	3.240	8.34	7.35	0.25	0.17	0.00	0.40	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	10.71	0.00	0.00	0.14	0.11
548	3.220	8.35	7.35	0.25	0.17	0.00	0.40	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	10.65	0.00	0.00	0.14	0.11
549	3.200	8.35	7.34	0.25	0.17	0.00	0.40	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	10.59	0.00	0.00	0.13	0.11
550	3.180	8.36	7.34	0.24	0.17	0.00	0.40	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	10.54	0.00	0.00	0.13	0.11
551	3.160	8.36	7.34	0.24	0.17	0.00	0.39	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	10.48	0.00	0.00	0.13	0.11
552	3.140	8.37	7.33	0.24	0.17	0.00	0.39	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	10.42	0.00	0.00	0.13	0.11
553	3.120	8.37	7.33	0.24	0.17	0.00	0.39	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	10.36	0.00	0.00	0.13	0.11
554	3.100	8.38	7.32	0.24	0.17	0.00	0.39	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	10.30	0.00	0.00	0.13	0.11
555	3.080	8.38	7.32	0.24	0.17	0.00	0.39	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	10.24	0.00	0.00	0.13	0.11
556	3.060	8.39	7.31	0.24	0.17	0.00	0.39	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	10.19	0.00	0.00	0.13	0.11

20 DEG C RATE					0.20		0.00	0.30												0.00	0.10
AVG 20 DEG C RATE				6.75		0.15				0.00											0.10

\* g/sq m/d                  \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
517	3.840	25.47	0.00	27.53	17.56	7.63	22.26	23.66	0.00	0.00	0.00	0.00	0.00	69.75	0.00	0.00	18.18
518	3.820	25.43	0.00	27.53	17.56	7.63	22.21	23.60	0.00	0.00	0.00	0.00	0.00	69.50	0.00	0.00	18.16
519	3.800	25.40	0.00	27.53	17.56	7.64	22.15	23.54	0.00	0.00	0.00	0.00	0.00	69.25	0.00	0.00	18.13
520	3.780	25.37	0.00	27.53	17.56	7.64	22.10	23.48	0.00	0.00	0.00	0.00	0.00	69.00	0.00	0.00	18.10
521	3.760	25.34	0.00	27.53	17.56	7.64	22.05	23.42	0.00	0.00	0.00	0.00	0.00	68.75	0.00	0.00	18.08
522	3.740	25.31	0.00	27.53	17.56	7.64	21.99	23.36	0.00	0.00	0.00	0.00	0.00	68.50	0.00	0.00	18.05
523	3.720	25.27	0.00	27.53	17.56	7.64	21.94	23.30	0.00	0.00	0.00	0.00	0.00	68.25	0.00	0.00	18.02
524	3.700	25.24	0.00	27.53	17.56	7.64	21.89	23.25	0.00	0.00	0.00	0.00	0.00	68.00	0.00	0.00	18.00
525	3.680	25.21	0.00	27.53	17.56	7.65	21.83	23.19	0.00	0.00	0.00	0.00	0.00	67.75	0.00	0.00	17.97
526	3.660	25.18	0.00	27.53	17.56	7.65	21.78	23.13	0.00	0.00	0.00	0.00	0.00	67.50	0.00	0.00	17.94
527	3.640	25.14	0.00	27.53	17.56	7.65	21.73	23.07	0.00	0.00	0.00	0.00	0.00	67.25	0.00	0.00	17.92
528	3.620	25.11	0.00	27.53	17.56	7.65	21.68	23.02	0.00	0.00	0.00	0.00	0.00	67.00	0.00	0.00	17.89
529	3.600	25.08	0.00	27.53	17.56	7.65	21.62	22.96	0.00	0.00	0.00	0.00	0.00	66.75	0.00	0.00	17.87
530	3.580	25.05	0.00	27.53	17.56	7.66	21.57	22.90	0.00	0.00	0.00	0.00	0.00	66.50	0.00	0.00	17.84
531	3.560	25.01	0.00	27.53	17.56	7.66	21.52	22.85	0.00	0.00	0.00	0.00	0.00	66.25	0.00	0.00	17.82
532	3.540	24.98	0.00	27.53	17.56	7.66	21.47	22.79	0.00	0.00	0.00	0.00	0.00	66.00	0.00	0.00	17.79
533	3.520	24.95	0.00	27.53	17.56	7.66	21.42	22.73	0.00	0.00	0.00	0.00	0.00	65.75	0.00	0.00	17.76
534	3.500	24.92	0.00	27.53	17.56	7.66	21.37	22.68	0.00	0.00	0.00	0.00	0.00	65.50	0.00	0.00	17.74
535	3.480	24.88	0.00	27.53	17.56	7.67	21.32	22.62	0.00	0.00	0.00	0.00	0.00	65.25	0.00	0.00	17.71
536	3.460	24.85	0.00	27.53	17.56	7.67	21.26	22.56	0.00	0.00	0.00	0.00	0.00	65.00	0.00	0.00	17.69
537	3.440	24.82	0.00	27.53	17.56	7.67	21.21	22.51	0.00	0.00	0.00	0.00	0.00	64.75	0.00	0.00	17.66
538	3.420	24.78	0.00	27.53	17.56	7.67	21.16	22.45	0.00	0.00	0.00	0.00	0.00	64.50	0.00	0.00	17.64
539	3.400	24.75	0.00	27.53	17.56	7.68	21.11	22.40	0.00	0.00	0.00	0.00	0.00	64.25	0.00	0.00	17.61
540	3.380	24.72	0.00	27.53	17.56	7.68	21.06	22.34	0.00	0.00	0.00	0.00	0.00	64.00	0.00	0.00	17.59
541	3.360	24.69	0.00	27.53	17.56	7.68	21.01	22.29	0.00	0.00	0.00	0.00	0.00	63.75	0.00	0.00	17.56
542	3.340	24.66	0.00	27.53	17.56	7.68	20.96	22.23	0.00	0.00	0.00	0.00	0.00	63.50	0.00	0.00	17.54
543	3.320	24.62	0.00	27.53	17.56	7.69	20.91	22.18	0.00	0.00	0.00	0.00	0.00	63.25	0.00	0.00	17.51
544	3.300	24.59	0.00	27.53	17.56	7.69	20.87	22.13	0.00	0.00	0.00	0.00	0.00	63.00	0.00	0.00	17.49
545	3.280	24.56	0.00	27.53	17.56	7.69	20.82	22.07	0.00	0.00	0.00	0.00	0.00	62.75	0.00	0.00	17.46

546	3.260	24.53	0.00	27.53	17.56	7.69	20.77	22.02	0.00	0.00	0.00	0.00	0.00	62.50	0.00	0.00	17.44
547	3.240	24.49	0.00	27.53	17.56	7.70	20.72	21.96	0.00	0.00	0.00	0.00	0.00	62.25	0.00	0.00	17.41
548	3.220	24.46	0.00	27.53	17.56	7.70	20.67	21.91	0.00	0.00	0.00	0.00	0.00	62.00	0.00	0.00	17.39
549	3.200	24.43	0.00	27.53	17.56	7.70	20.62	21.86	0.00	0.00	0.00	0.00	0.00	61.75	0.00	0.00	17.37
550	3.180	24.40	0.00	27.53	17.56	7.70	20.57	21.80	0.00	0.00	0.00	0.00	0.00	61.50	0.00	0.00	17.34
551	3.160	24.36	0.00	27.53	17.56	7.71	20.52	21.75	0.00	0.00	0.00	0.00	0.00	61.25	0.00	0.00	17.32
552	3.140	24.33	0.00	27.53	17.56	7.71	20.48	21.70	0.00	0.00	0.00	0.00	0.00	61.00	0.00	0.00	17.29
553	3.120	24.30	0.00	27.53	17.56	7.71	20.43	21.64	0.00	0.00	0.00	0.00	0.00	60.75	0.00	0.00	17.27
554	3.100	24.27	0.00	27.53	17.56	7.71	20.38	21.59	0.00	0.00	0.00	0.00	0.00	60.50	0.00	0.00	17.25
555	3.080	24.23	0.00	27.53	17.56	7.72	20.36	21.57	0.00	0.00	0.00	0.00	0.00	60.25	0.00	0.00	17.23
556	3.060	24.20	0.00	27.56	17.55	7.72	20.60	21.80	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	17.35

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m  
 CM-II = SULFATES  
 MG/L  
 NCM = NBOD  
 MG/L

FINAL REPORT        B CHAUVIN @ HWY 139                                        BAYOU CHAUVIN CALIBRATION  
 REACH NO. 18        N SIDE DITCH TO OUACHITA R LEVEE

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
627	UPR RCH	0.03840	24.20	0.00	27.56	17.55	7.72	20.60	21.80	0.00	0.00	0.00	0.00	60.00	0.00	17.35
627	TRIB	0.00188	24.20	0.00	32.82	15.68	8.09	71.73	72.93	0.00	0.00	0.00	0.00	60.00	0.00	42.59
EACH	INCR	0.00000	25.00	0.00	27.50	17.50	3.00	2.00	2.00	0.00	0.00	0.00	0.00		0.00	2.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
627	3.06	3.04	0.04031	90.98	0.04156	0.01	0.19	5.18	19.40	103.57	0.97	0.00	0.000	0.075	0.042
628	3.04	3.02	0.04034	90.91	0.04157	0.01	0.19	5.18	19.41	103.58	0.97	0.00	0.000	0.075	0.042
629	3.02	3.00	0.04038	90.83	0.04159	0.01	0.19	5.18	19.42	103.60	0.97	0.00	0.000	0.075	0.042
630	3.00	2.98	0.04041	90.76	0.04161	0.01	0.19	5.18	19.42	103.61	0.97	0.00	0.000	0.075	0.042
631	2.98	2.96	0.04044	90.69	0.04162	0.01	0.19	5.18	19.43	103.62	0.97	0.00	0.000	0.075	0.042
632	2.96	2.94	0.04047	90.61	0.04164	0.01	0.19	5.18	19.44	103.64	0.97	0.00	0.000	0.075	0.042
633	2.94	2.92	0.04051	90.54	0.04166	0.01	0.19	5.18	19.45	103.65	0.97	0.00	0.000	0.075	0.042
634	2.92	2.90	0.04054	90.47	0.04167	0.01	0.19	5.18	19.46	103.67	0.97	0.00	0.000	0.075	0.042
635	2.90	2.88	0.04057	90.39	0.04169	0.01	0.19	5.18	19.46	103.68	0.97	0.00	0.000	0.075	0.042
636	2.88	2.86	0.04061	90.32	0.04171	0.01	0.19	5.18	19.47	103.69	0.97	0.00	0.000	0.075	0.042
637	2.86	2.84	0.04064	90.25	0.04172	0.01	0.19	5.19	19.48	103.71	0.97	0.00	0.000	0.075	0.042
638	2.84	2.82	0.04067	90.18	0.04174	0.01	0.19	5.19	19.49	103.72	0.97	0.00	0.000	0.075	0.042
639	2.82	2.80	0.04070	90.10	0.04176	0.01	0.19	5.19	19.50	103.73	0.97	0.00	0.000	0.075	0.042
640	2.80	2.78	0.04074	90.03	0.04177	0.01	0.19	5.19	19.50	103.75	0.98	0.00	0.000	0.075	0.042

641	2.78	2.76	0.04077	89.96	0.04179	0.01	0.19	5.19	19.51	103.76	0.98	0.00	0.000	0.075	0.042
642	2.76	2.74	0.04080	89.89	0.04180	0.01	0.19	5.19	19.52	103.77	0.98	0.00	0.000	0.075	0.042
643	2.74	2.72	0.04083	89.81	0.04182	0.01	0.19	5.19	19.53	103.79	0.98	0.00	0.000	0.075	0.042
644	2.72	2.70	0.04087	89.74	0.04184	0.01	0.19	5.19	19.54	103.80	0.98	0.00	0.000	0.075	0.042
645	2.70	2.68	0.04090	89.67	0.04185	0.01	0.19	5.19	19.54	103.81	0.98	0.00	0.000	0.075	0.042
646	2.68	2.66	0.04093	89.60	0.04187	0.01	0.19	5.19	19.55	103.83	0.98	0.00	0.000	0.075	0.042
647	2.66	2.64	0.04097	89.53	0.04189	0.01	0.19	5.19	19.56	103.84	0.98	0.00	0.000	0.075	0.042
648	2.64	2.62	0.04100	89.46	0.04190	0.01	0.19	5.19	19.57	103.85	0.98	0.00	0.000	0.075	0.042
649	2.62	2.60	0.04103	89.39	0.04192	0.01	0.19	5.19	19.58	103.87	0.98	0.00	0.000	0.075	0.042
650	2.60	2.58	0.04106	89.31	0.04193	0.01	0.19	5.19	19.58	103.88	0.98	0.00	0.000	0.075	0.042
651	2.58	2.56	0.04110	89.24	0.04195	0.01	0.19	5.19	19.59	103.90	0.98	0.00	0.000	0.075	0.042
652	2.56	2.54	0.04113	89.17	0.04197	0.01	0.19	5.20	19.60	103.91	0.98	0.00	0.000	0.075	0.042
653	2.54	2.52	0.04116	89.10	0.04198	0.01	0.19	5.20	19.61	103.92	0.98	0.00	0.000	0.075	0.042
654	2.52	2.50	0.04119	89.03	0.04200	0.01	0.19	5.20	19.62	103.94	0.98	0.00	0.000	0.075	0.042
655	2.50	2.48	0.04123	88.96	0.04201	0.01	0.19	5.20	19.63	103.95	0.98	0.00	0.000	0.075	0.042
656	2.48	2.46	0.04126	88.89	0.04203	0.01	0.19	5.20	19.63	103.96	0.98	0.00	0.000	0.075	0.042
657	2.46	2.44	0.04129	88.82	0.04205	0.01	0.19	5.20	19.64	103.98	0.98	0.00	0.000	0.075	0.042
658	2.44	2.42	0.04132	88.75	0.04206	0.01	0.19	5.20	19.65	103.99	0.98	0.00	0.000	0.075	0.042
659	2.42	2.40	0.04136	88.68	0.04208	0.01	0.19	5.20	19.66	104.00	0.98	0.00	0.000	0.075	0.042
660	2.40	2.38	0.04139	88.61	0.04209	0.01	0.19	5.20	19.67	104.02	0.98	0.00	0.000	0.075	0.042
661	2.38	2.36	0.04142	88.54	0.04211	0.01	0.19	5.20	19.67	104.03	0.98	0.00	0.000	0.075	0.042
662	2.36	2.34	0.04146	88.47	0.04212	0.01	0.19	5.20	19.68	104.04	0.98	0.00	0.000	0.075	0.042
663	2.34	2.32	0.04149	88.40	0.04214	0.01	0.19	5.20	19.69	104.06	0.98	0.00	0.000	0.075	0.042
664	2.32	2.30	0.04152	88.33	0.04216	0.01	0.19	5.20	19.70	104.07	0.98	0.00	0.000	0.075	0.042
665	2.30	2.28	0.04155	88.26	0.04217	0.01	0.19	5.20	19.71	104.09	0.99	0.00	0.000	0.075	0.042
666	2.28	2.26	0.04159	88.19	0.04219	0.01	0.19	5.20	19.71	104.10	0.99	0.00	0.000	0.075	0.042
667	2.26	2.24	0.04162	88.12	0.04220	0.01	0.19	5.21	19.72	104.11	0.99	0.00	0.000	0.075	0.042
668	2.24	2.22	0.04165	88.05	0.04222	0.01	0.19	5.21	19.73	104.13	0.99	0.00	0.000	0.075	0.042
669	2.22	2.20	0.04168	87.98	0.04223	0.01	0.19	5.21	19.74	104.14	0.99	0.00	0.000	0.075	0.042
670	2.20	2.18	0.04172	87.91	0.04225	0.01	0.19	5.21	19.75	104.15	0.99	0.00	0.000	0.075	0.042
671	2.18	2.16	0.04175	87.85	0.04227	0.01	0.19	5.21	19.76	104.17	0.99	0.00	0.000	0.075	0.042
672	2.16	2.14	0.04178	87.78	0.04228	0.01	0.19	5.21	19.76	104.18	0.99	0.00	0.000	0.075	0.042
673	2.14	2.12	0.04181	87.71	0.04230	0.01	0.19	5.21	19.77	104.19	0.99	0.00	0.000	0.075	0.042
674	2.12	2.10	0.04185	87.64	0.04231	0.01	0.19	5.21	19.78	104.21	0.99	0.00	0.000	0.075	0.042
675	2.10	2.08	0.04188	87.57	0.04233	0.01	0.19	5.21	19.79	104.22	0.99	0.00	0.000	0.075	0.042
676	2.08	2.06	0.04191	87.50	0.04234	0.01	0.19	5.21	19.80	104.23	0.99	0.00	0.000	0.075	0.042
677	2.06	2.04	0.04195	87.44	0.04236	0.01	0.19	5.21	19.80	104.25	0.99	0.00	0.000	0.075	0.042
678	2.04	2.02	0.04198	87.37	0.04237	0.01	0.19	5.21	19.81	104.26	0.99	0.00	0.000	0.075	0.042
679	2.02	2.00	0.04201	87.30	0.04239	0.01	0.19	5.21	19.82	104.28	0.99	0.00	0.000	0.075	0.042
680	2.00	1.98	0.04204	87.23	0.04241	0.01	0.19	5.21	19.83	104.29	0.99	0.00	0.000	0.075	0.042
681	1.98	1.96	0.04208	87.16	0.04242	0.01	0.19	5.22	19.84	104.30	0.99	0.00	0.000	0.075	0.042
682	1.96	1.94	0.04211	87.10	0.04244	0.01	0.19	5.22	19.85	104.32	0.99	0.00	0.000	0.075	0.042
683	1.94	1.92	0.04214	87.03	0.04245	0.01	0.19	5.22	19.85	104.33	0.99	0.00	0.000	0.075	0.042
684	1.92	1.90	0.04217	86.96	0.04247	0.01	0.19	5.22	19.86	104.34	0.99	0.00	0.000	0.075	0.042
685	1.90	1.88	0.04221	86.89	0.04248	0.01	0.19	5.22	19.87	104.36	0.99	0.00	0.000	0.075	0.042
686	1.88	1.86	0.04224	86.83	0.04250	0.01	0.19	5.22	19.88	104.37	0.99	0.00	0.000	0.075	0.042
687	1.86	1.84	0.04227	86.76	0.04251	0.01	0.19	5.22	19.89	104.38	0.99	0.00	0.000	0.075	0.043
688	1.84	1.82	0.04230	86.69	0.04253	0.01	0.19	5.22	19.90	104.40	0.99	0.00	0.000	0.075	0.043
689	1.82	1.80	0.04234	86.63	0.04254	0.01	0.19	5.22	19.90	104.41	1.00	0.00	0.000	0.075	0.043
690	1.80	1.78	0.04237	86.56	0.04256	0.01	0.19	5.22	19.91	104.43	1.00	0.00	0.000	0.075	0.043
691	1.78	1.76	0.04240	86.49	0.04257	0.01	0.19	5.22	19.92	104.44	1.00	0.00	0.000	0.075	0.043

692	1.76	1.74	0.04244	86.43	0.04259	0.01	0.19	5.22	19.93	104.45	1.00	0.00	0.000	0.075	0.043
693	1.74	1.72	0.04247	86.36	0.04260	0.01	0.19	5.22	19.94	104.47	1.00	0.00	0.000	0.075	0.043
694	1.72	1.70	0.04250	86.29	0.04262	0.01	0.19	5.22	19.95	104.48	1.00	0.00	0.000	0.075	0.043
695	1.70	1.68	0.04253	86.23	0.04263	0.01	0.19	5.22	19.95	104.49	1.00	0.00	0.000	0.075	0.043
696	1.68	1.66	0.04257	86.16	0.04265	0.01	0.19	5.23	19.96	104.51	1.00	0.00	0.000	0.075	0.043
697	1.66	1.64	0.04260	86.09	0.04266	0.01	0.19	5.23	19.97	104.52	1.00	0.00	0.000	0.075	0.043
698	1.64	1.62	0.04263	86.03	0.04268	0.01	0.19	5.23	19.98	104.53	1.00	0.00	0.000	0.075	0.043
699	1.62	1.60	0.04266	85.96	0.04269	0.01	0.19	5.23	19.99	104.55	1.00	0.00	0.000	0.075	0.043
700	1.60	1.58	0.04270	85.90	0.04271	0.01	0.19	5.23	19.99	104.56	1.00	0.00	0.000	0.075	0.043
701	1.58	1.56	0.04273	85.83	0.04272	0.01	0.19	5.23	20.00	104.58	1.00	0.00	0.000	0.075	0.043
702	1.56	1.54	0.04276	85.77	0.04274	0.01	0.19	5.23	20.01	104.59	1.00	0.00	0.000	0.075	0.043
703	1.54	1.52	0.04280	85.70	0.04275	0.01	0.19	5.23	20.02	104.60	1.00	0.00	0.000	0.075	0.043
704	1.52	1.50	0.04283	85.63	0.04277	0.01	0.19	5.23	20.03	104.62	1.00	0.00	0.000	0.075	0.043
705	1.50	1.48	0.04286	85.57	0.04278	0.01	0.19	5.23	20.04	104.63	1.00	0.00	0.000	0.075	0.043
706	1.48	1.46	0.04289	85.50	0.04280	0.01	0.19	5.23	20.05	104.64	1.00	0.00	0.000	0.075	0.043
707	1.46	1.44	0.04293	85.44	0.04281	0.01	0.19	5.23	20.05	104.66	1.00	0.00	0.000	0.075	0.043
708	1.44	1.42	0.04296	85.37	0.04283	0.01	0.19	5.23	20.06	104.67	1.00	0.00	0.000	0.075	0.043
709	1.42	1.40	0.04299	85.31	0.04284	0.01	0.19	5.23	20.07	104.68	1.00	0.00	0.000	0.075	0.043
710	1.40	1.38	0.04302	85.24	0.04286	0.01	0.19	5.23	20.08	104.70	1.00	0.00	0.000	0.075	0.043
711	1.38	1.36	0.04306	85.18	0.04287	0.01	0.19	5.24	20.09	104.71	1.00	0.00	0.000	0.075	0.043
712	1.36	1.34	0.04309	85.11	0.04288	0.01	0.19	5.24	20.10	104.73	1.00	0.00	0.000	0.075	0.043
713	1.34	1.32	0.04312	85.05	0.04290	0.01	0.19	5.24	20.10	104.74	1.01	0.00	0.000	0.075	0.043
714	1.32	1.30	0.04315	84.99	0.04291	0.01	0.19	5.24	20.11	104.75	1.01	0.00	0.000	0.075	0.043
715	1.30	1.28	0.04319	84.92	0.04293	0.01	0.19	5.24	20.12	104.77	1.01	0.00	0.000	0.075	0.043
716	1.28	1.26	0.04322	84.86	0.04294	0.01	0.19	5.24	20.13	104.78	1.01	0.00	0.000	0.075	0.043
717	1.26	1.24	0.04325	84.79	0.04296	0.01	0.19	5.24	20.14	104.79	1.01	0.00	0.000	0.075	0.043
718	1.24	1.22	0.04329	84.73	0.04297	0.01	0.19	5.24	20.15	104.81	1.01	0.00	0.000	0.075	0.043
719	1.22	1.20	0.04332	84.67	0.04299	0.01	0.19	5.24	20.15	104.82	1.01	0.00	0.000	0.075	0.043
720	1.20	1.18	0.04335	84.60	0.04300	0.01	0.19	5.24	20.16	104.84	1.01	0.00	0.000	0.075	0.043
721	1.18	1.16	0.04338	84.54	0.04302	0.01	0.19	5.24	20.17	104.85	1.01	0.00	0.000	0.075	0.043
722	1.16	1.14	0.04342	84.47	0.04303	0.01	0.19	5.24	20.18	104.86	1.01	0.00	0.000	0.075	0.043
723	1.14	1.12	0.04345	84.41	0.04304	0.01	0.19	5.24	20.19	104.88	1.01	0.00	0.000	0.075	0.043
724	1.12	1.10	0.04348	84.35	0.04306	0.01	0.19	5.24	20.20	104.89	1.01	0.00	0.000	0.075	0.043
725	1.10	1.08	0.04351	84.28	0.04307	0.01	0.19	5.25	20.20	104.90	1.01	0.00	0.000	0.075	0.043
726	1.08	1.06	0.04355	84.22	0.04309	0.01	0.19	5.25	20.21	104.92	1.01	0.00	0.000	0.075	0.043
727	1.06	1.04	0.04358	84.16	0.04310	0.01	0.19	5.25	20.22	104.93	1.01	0.00	0.000	0.075	0.043
728	1.04	1.02	0.04361	84.09	0.04312	0.01	0.19	5.25	20.23	104.95	1.01	0.00	0.000	0.075	0.043
729	1.02	1.00	0.04364	84.03	0.04313	0.01	0.19	5.25	20.24	104.96	1.01	0.00	0.000	0.075	0.043
730	1.00	0.98	0.04368	83.97	0.04314	0.01	0.19	5.25	20.25	104.97	1.01	0.00	0.000	0.075	0.043
731	0.98	0.96	0.04371	83.91	0.04316	0.01	0.19	5.25	20.26	104.99	1.01	0.00	0.000	0.075	0.043
732	0.96	0.94	0.04374	83.84	0.04317	0.01	0.19	5.25	20.26	105.00	1.01	0.00	0.000	0.075	0.043
733	0.94	0.92	0.04378	83.78	0.04319	0.01	0.19	5.25	20.27	105.01	1.01	0.00	0.000	0.075	0.043
734	0.92	0.90	0.04381	83.72	0.04320	0.01	0.19	5.25	20.28	105.03	1.01	0.00	0.000	0.075	0.043
735	0.90	0.88	0.04384	83.66	0.04321	0.01	0.19	5.25	20.29	105.04	1.01	0.00	0.000	0.075	0.043
736	0.88	0.86	0.04387	83.59	0.04323	0.01	0.19	5.25	20.30	105.06	1.01	0.00	0.000	0.075	0.043
737	0.86	0.84	0.04391	83.53	0.04324	0.01	0.19	5.25	20.31	105.07	1.02	0.00	0.000	0.075	0.043
738	0.84	0.82	0.04394	83.47	0.04326	0.01	0.19	5.25	20.32	105.08	1.02	0.00	0.000	0.075	0.043
739	0.82	0.80	0.04397	83.41	0.04327	0.01	0.19	5.25	20.32	105.10	1.02	0.00	0.000	0.075	0.043
740	0.80	0.78	0.04400	83.34	0.04329	0.01	0.19	5.26	20.33	105.11	1.02	0.00	0.000	0.075	0.043
741	0.78	0.76	0.04404	83.28	0.04330	0.01	0.19	5.26	20.34	105.12	1.02	0.00	0.000	0.075	0.043
742	0.76	0.74	0.04407	83.22	0.04331	0.01	0.19	5.26	20.35	105.14	1.02	0.00	0.000	0.075	0.043

743	0.74	0.72	0.04410	83.16	0.04333	0.01	0.19	5.26	20.36	105.15	1.02	0.00	0.000	0.075	0.043
744	0.72	0.70	0.04413	83.10	0.04334	0.01	0.19	5.26	20.37	105.17	1.02	0.00	0.000	0.075	0.043
745	0.70	0.68	0.04417	83.04	0.04335	0.01	0.19	5.26	20.38	105.18	1.02	0.00	0.000	0.075	0.043
746	0.68	0.66	0.04420	82.98	0.04337	0.01	0.19	5.26	20.38	105.19	1.02	0.00	0.000	0.075	0.043
747	0.66	0.64	0.04423	82.91	0.04338	0.01	0.19	5.26	20.39	105.21	1.02	0.00	0.000	0.075	0.043
748	0.64	0.62	0.04427	82.85	0.04340	0.01	0.19	5.26	20.40	105.22	1.02	0.00	0.000	0.075	0.043
749	0.62	0.60	0.04430	82.79	0.04341	0.01	0.19	5.26	20.41	105.23	1.02	0.00	0.000	0.075	0.043
750	0.60	0.58	0.04433	82.73	0.04342	0.01	0.19	5.26	20.42	105.25	1.02	0.00	0.000	0.075	0.043
751	0.58	0.56	0.04436	82.67	0.04344	0.01	0.19	5.26	20.43	105.26	1.02	0.00	0.000	0.075	0.043
752	0.56	0.54	0.04440	82.61	0.04345	0.01	0.19	5.26	20.44	105.28	1.02	0.00	0.000	0.075	0.043
753	0.54	0.52	0.04443	82.55	0.04346	0.01	0.19	5.26	20.44	105.29	1.02	0.00	0.000	0.075	0.043
754	0.52	0.50	0.04446	82.49	0.04348	0.01	0.19	5.27	20.45	105.30	1.02	0.00	0.000	0.075	0.043
755	0.50	0.48	0.04449	82.43	0.04349	0.01	0.19	5.27	20.46	105.32	1.02	0.00	0.000	0.075	0.043
756	0.48	0.46	0.04453	82.37	0.04351	0.01	0.19	5.27	20.47	105.33	1.02	0.00	0.000	0.075	0.044
757	0.46	0.44	0.04456	82.31	0.04352	0.01	0.19	5.27	20.48	105.34	1.02	0.00	0.000	0.075	0.044
758	0.44	0.42	0.04459	82.25	0.04353	0.01	0.19	5.27	20.49	105.36	1.02	0.00	0.000	0.075	0.044
759	0.42	0.40	0.04463	82.19	0.04355	0.01	0.19	5.27	20.50	105.37	1.02	0.00	0.000	0.075	0.044
760	0.40	0.38	0.04466	82.13	0.04356	0.01	0.19	5.27	20.50	105.39	1.03	0.00	0.000	0.075	0.044
761	0.38	0.36	0.04469	82.06	0.04357	0.01	0.19	5.27	20.51	105.40	1.03	0.00	0.000	0.075	0.044
762	0.36	0.34	0.04472	82.01	0.04359	0.01	0.19	5.27	20.52	105.41	1.03	0.00	0.000	0.075	0.044
763	0.34	0.32	0.04476	81.95	0.04360	0.01	0.19	5.27	20.53	105.43	1.03	0.00	0.000	0.075	0.044
764	0.32	0.30	0.04479	81.89	0.04361	0.01	0.19	5.27	20.54	105.44	1.03	0.00	0.000	0.075	0.044
765	0.30	0.28	0.04482	81.83	0.04363	0.01	0.19	5.27	20.55	105.45	1.03	0.00	0.000	0.075	0.044
766	0.28	0.26	0.04485	81.77	0.04364	0.01	0.19	5.27	20.56	105.47	1.03	0.00	0.000	0.075	0.044
767	0.26	0.24	0.04489	81.71	0.04365	0.01	0.19	5.27	20.56	105.48	1.03	0.00	0.000	0.075	0.044
768	0.24	0.22	0.04492	81.65	0.04367	0.01	0.20	5.27	20.57	105.50	1.03	0.00	0.000	0.075	0.044
769	0.22	0.20	0.04495	81.59	0.04368	0.01	0.20	5.28	20.58	105.51	1.03	0.00	0.000	0.075	0.044
770	0.20	0.18	0.04498	81.53	0.04369	0.01	0.20	5.28	20.59	105.52	1.03	0.00	0.000	0.075	0.044
771	0.18	0.16	0.04502	81.47	0.04371	0.01	0.20	5.28	20.60	105.54	1.03	0.00	0.000	0.075	0.044
772	0.16	0.14	0.04505	81.41	0.04372	0.01	0.20	5.28	20.61	105.55	1.03	0.00	0.000	0.075	0.044
773	0.14	0.12	0.04508	81.35	0.04373	0.01	0.20	5.28	20.62	105.57	1.03	0.00	0.000	0.075	0.044
774	0.12	0.10	0.04512	81.29	0.04375	0.01	0.20	5.28	20.63	105.58	1.03	0.00	0.000	0.075	0.044
775	0.10	0.08	0.04515	81.23	0.04376	0.01	0.20	5.28	20.63	105.59	1.03	0.00	0.000	0.075	0.044
776	0.08	0.06	0.04518	81.17	0.04377	0.01	0.20	5.28	20.64	105.61	1.03	0.00	0.000	0.075	0.044
777	0.06	0.04	0.04521	81.12	0.04379	0.01	0.20	5.28	20.65	105.62	1.03	0.00	0.000	0.075	0.044
778	0.04	0.02	0.04525	81.06	0.04380	0.01	0.20	5.28	20.66	105.63	1.03	0.00	0.000	0.075	0.044
779	0.02	0.00	0.04528	81.00	0.04381	0.01	0.20	5.28	20.67	105.65	1.03	0.00	0.000	0.075	0.044
TOT						0.83			3063.82	16004.58					
AVG					0.04272		0.19	5.23			1.00				
CUM						20.01									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
627	3.040	8.39	7.28	0.24	0.17	0.00	0.00	1.13	1.13	0.00	0.00	0.00	0.00	0.00	0.00	10.14	0.00	0.00	0.13	0.11
628	3.020	8.39	7.28	0.24	0.17	0.00	0.00	1.13	1.13	0.00	0.00	0.00	0.00	0.00	0.00	10.09	0.00	0.00	0.13	0.11







Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

AVG 20 DEG C RATE       6.66                 0.15                                         0.00                                         0.10

\* g/sq m/d                                         \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
627	3.040	24.20	0.00	27.90	17.42	7.74	23.83	25.03	0.00	0.00	0.00	0.00	0.00	59.72	0.00	0.00	18.94
628	3.020	24.20	0.00	27.90	17.43	7.74	23.76	24.95	0.00	0.00	0.00	0.00	0.00	59.44	0.00	0.00	18.90
629	3.000	24.20	0.00	27.90	17.43	7.74	23.69	24.87	0.00	0.00	0.00	0.00	0.00	59.16	0.00	0.00	18.86
630	2.980	24.20	0.00	27.90	17.43	7.74	23.62	24.79	0.00	0.00	0.00	0.00	0.00	58.88	0.00	0.00	18.82
631	2.960	24.20	0.00	27.90	17.43	7.74	23.55	24.72	0.00	0.00	0.00	0.00	0.00	58.59	0.00	0.00	18.79
632	2.940	24.20	0.00	27.90	17.43	7.74	23.47	24.64	0.00	0.00	0.00	0.00	0.00	58.31	0.00	0.00	18.75
633	2.920	24.20	0.00	27.90	17.43	7.74	23.40	24.57	0.00	0.00	0.00	0.00	0.00	58.03	0.00	0.00	18.71
634	2.900	24.20	0.00	27.90	17.43	7.73	23.33	24.49	0.00	0.00	0.00	0.00	0.00	57.75	0.00	0.00	18.67
635	2.880	24.20	0.00	27.90	17.43	7.73	23.26	24.41	0.00	0.00	0.00	0.00	0.00	57.47	0.00	0.00	18.63
636	2.860	24.20	0.00	27.89	17.43	7.73	23.19	24.34	0.00	0.00	0.00	0.00	0.00	57.19	0.00	0.00	18.59
637	2.840	24.20	0.00	27.89	17.43	7.73	23.13	24.26	0.00	0.00	0.00	0.00	0.00	56.91	0.00	0.00	18.55
638	2.820	24.20	0.00	27.89	17.43	7.73	23.06	24.19	0.00	0.00	0.00	0.00	0.00	56.63	0.00	0.00	18.52
639	2.800	24.20	0.00	27.89	17.43	7.73	22.99	24.11	0.00	0.00	0.00	0.00	0.00	56.35	0.00	0.00	18.48
640	2.780	24.20	0.00	27.89	17.43	7.73	22.92	24.04	0.00	0.00	0.00	0.00	0.00	56.07	0.00	0.00	18.44
641	2.760	24.20	0.00	27.89	17.43	7.73	22.85	23.97	0.00	0.00	0.00	0.00	0.00	55.78	0.00	0.00	18.40
642	2.740	24.20	0.00	27.89	17.43	7.73	22.78	23.89	0.00	0.00	0.00	0.00	0.00	55.50	0.00	0.00	18.36
643	2.720	24.20	0.00	27.89	17.43	7.72	22.71	23.82	0.00	0.00	0.00	0.00	0.00	55.22	0.00	0.00	18.33
644	2.700	24.20	0.00	27.89	17.43	7.72	22.65	23.75	0.00	0.00	0.00	0.00	0.00	54.94	0.00	0.00	18.29
645	2.680	24.20	0.00	27.89	17.43	7.72	22.58	23.67	0.00	0.00	0.00	0.00	0.00	54.66	0.00	0.00	18.25
646	2.660	24.20	0.00	27.89	17.43	7.72	22.51	23.60	0.00	0.00	0.00	0.00	0.00	54.38	0.00	0.00	18.21
647	2.640	24.20	0.00	27.89	17.43	7.72	22.44	23.53	0.00	0.00	0.00	0.00	0.00	54.10	0.00	0.00	18.18
648	2.620	24.20	0.00	27.89	17.43	7.72	22.38	23.45	0.00	0.00	0.00	0.00	0.00	53.82	0.00	0.00	18.14
649	2.600	24.20	0.00	27.89	17.43	7.72	22.31	23.38	0.00	0.00	0.00	0.00	0.00	53.54	0.00	0.00	18.10
650	2.580	24.20	0.00	27.89	17.43	7.72	22.25	23.31	0.00	0.00	0.00	0.00	0.00	53.25	0.00	0.00	18.06
651	2.560	24.20	0.00	27.89	17.43	7.71	22.18	23.24	0.00	0.00	0.00	0.00	0.00	52.97	0.00	0.00	18.03
652	2.540	24.20	0.00	27.89	17.43	7.71	22.11	23.17	0.00	0.00	0.00	0.00	0.00	52.69	0.00	0.00	17.99
653	2.520	24.20	0.00	27.89	17.43	7.71	22.05	23.10	0.00	0.00	0.00	0.00	0.00	52.41	0.00	0.00	17.95
654	2.500	24.20	0.00	27.89	17.43	7.71	21.98	23.03	0.00	0.00	0.00	0.00	0.00	52.13	0.00	0.00	17.92
655	2.480	24.20	0.00	27.89	17.43	7.71	21.92	22.95	0.00	0.00	0.00	0.00	0.00	51.85	0.00	0.00	17.88
656	2.460	24.20	0.00	27.89	17.43	7.71	21.85	22.88	0.00	0.00	0.00	0.00	0.00	51.57	0.00	0.00	17.84
657	2.440	24.20	0.00	27.89	17.43	7.71	21.79	22.81	0.00	0.00	0.00	0.00	0.00	51.29	0.00	0.00	17.81
658	2.420	24.20	0.00	27.89	17.43	7.70	21.72	22.74	0.00	0.00	0.00	0.00	0.00	51.01	0.00	0.00	17.77
659	2.400	24.20	0.00	27.89	17.43	7.70	21.66	22.67	0.00	0.00	0.00	0.00	0.00	50.73	0.00	0.00	17.73
660	2.380	24.20	0.00	27.89	17.43	7.70	21.60	22.60	0.00	0.00	0.00	0.00	0.00	50.44	0.00	0.00	17.70
661	2.360	24.20	0.00	27.89	17.43	7.70	21.53	22.53	0.00	0.00	0.00	0.00	0.00	50.16	0.00	0.00	17.66
662	2.340	24.20	0.00	27.89	17.43	7.70	21.47	22.47	0.00	0.00	0.00	0.00	0.00	49.88	0.00	0.00	17.63
663	2.320	24.20	0.00	27.89	17.43	7.70	21.40	22.40	0.00	0.00	0.00	0.00	0.00	49.60	0.00	0.00	17.59
664	2.300	24.20	0.00	27.89	17.43	7.70	21.34	22.33	0.00	0.00	0.00	0.00	0.00	49.32	0.00	0.00	17.56
665	2.280	24.20	0.00	27.89	17.43	7.69	21.28	22.26	0.00	0.00	0.00	0.00	0.00	49.04	0.00	0.00	17.52
666	2.260	24.20	0.00	27.89	17.43	7.69	21.22	22.19	0.00	0.00	0.00	0.00	0.00	48.76	0.00	0.00	17.48
667	2.240	24.20	0.00	27.89	17.43	7.69	21.15	22.12	0.00	0.00	0.00	0.00	0.00	48.48	0.00	0.00	17.45

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

668	2.220	24.20	0.00	27.88	17.43	7.69	21.09	22.06	0.00	0.00	0.00	0.00	0.00	0.00	48.20	0.00	0.00	17.41
669	2.200	24.20	0.00	27.88	17.43	7.69	21.03	21.99	0.00	0.00	0.00	0.00	0.00	0.00	47.92	0.00	0.00	17.38
670	2.180	24.20	0.00	27.88	17.43	7.69	20.97	21.92	0.00	0.00	0.00	0.00	0.00	0.00	47.63	0.00	0.00	17.34
671	2.160	24.20	0.00	27.88	17.43	7.68	20.91	21.85	0.00	0.00	0.00	0.00	0.00	0.00	47.35	0.00	0.00	17.31
672	2.140	24.20	0.00	27.88	17.43	7.68	20.84	21.79	0.00	0.00	0.00	0.00	0.00	0.00	47.07	0.00	0.00	17.27
673	2.120	24.20	0.00	27.88	17.43	7.68	20.78	21.72	0.00	0.00	0.00	0.00	0.00	0.00	46.79	0.00	0.00	17.24
674	2.100	24.20	0.00	27.88	17.43	7.68	20.72	21.65	0.00	0.00	0.00	0.00	0.00	0.00	46.51	0.00	0.00	17.20
675	2.080	24.20	0.00	27.88	17.43	7.68	20.66	21.59	0.00	0.00	0.00	0.00	0.00	0.00	46.23	0.00	0.00	17.17
676	2.060	24.20	0.00	27.88	17.43	7.68	20.60	21.52	0.00	0.00	0.00	0.00	0.00	0.00	45.95	0.00	0.00	17.13
677	2.040	24.20	0.00	27.88	17.43	7.67	20.54	21.45	0.00	0.00	0.00	0.00	0.00	0.00	45.67	0.00	0.00	17.10
678	2.020	24.20	0.00	27.88	17.43	7.67	20.48	21.39	0.00	0.00	0.00	0.00	0.00	0.00	45.39	0.00	0.00	17.06
679	2.000	24.20	0.00	27.88	17.43	7.67	20.42	21.32	0.00	0.00	0.00	0.00	0.00	0.00	45.10	0.00	0.00	17.03
680	1.980	24.20	0.00	27.88	17.43	7.67	20.36	21.26	0.00	0.00	0.00	0.00	0.00	0.00	44.82	0.00	0.00	17.00
681	1.960	24.20	0.00	27.88	17.43	7.67	20.30	21.19	0.00	0.00	0.00	0.00	0.00	0.00	44.54	0.00	0.00	16.96
682	1.940	24.20	0.00	27.88	17.43	7.67	20.24	21.13	0.00	0.00	0.00	0.00	0.00	0.00	44.26	0.00	0.00	16.93
683	1.920	24.20	0.00	27.88	17.43	7.66	20.18	21.06	0.00	0.00	0.00	0.00	0.00	0.00	43.98	0.00	0.00	16.89
684	1.900	24.20	0.00	27.88	17.43	7.66	20.12	21.00	0.00	0.00	0.00	0.00	0.00	0.00	43.70	0.00	0.00	16.86
685	1.880	24.20	0.00	27.88	17.43	7.66	20.07	20.93	0.00	0.00	0.00	0.00	0.00	0.00	43.42	0.00	0.00	16.83
686	1.860	24.20	0.00	27.88	17.43	7.66	20.01	20.87	0.00	0.00	0.00	0.00	0.00	0.00	43.14	0.00	0.00	16.79
687	1.840	24.20	0.00	27.88	17.43	7.66	19.95	20.81	0.00	0.00	0.00	0.00	0.00	0.00	42.86	0.00	0.00	16.76
688	1.820	24.20	0.00	27.88	17.43	7.66	19.89	20.74	0.00	0.00	0.00	0.00	0.00	0.00	42.58	0.00	0.00	16.73
689	1.800	24.20	0.00	27.88	17.43	7.65	19.83	20.68	0.00	0.00	0.00	0.00	0.00	0.00	42.29	0.00	0.00	16.69
690	1.780	24.20	0.00	27.88	17.43	7.65	19.78	20.62	0.00	0.00	0.00	0.00	0.00	0.00	42.01	0.00	0.00	16.66
691	1.760	24.20	0.00	27.88	17.43	7.65	19.72	20.55	0.00	0.00	0.00	0.00	0.00	0.00	41.73	0.00	0.00	16.63
692	1.740	24.20	0.00	27.88	17.43	7.65	19.66	20.49	0.00	0.00	0.00	0.00	0.00	0.00	41.45	0.00	0.00	16.59
693	1.720	24.20	0.00	27.88	17.43	7.65	19.60	20.43	0.00	0.00	0.00	0.00	0.00	0.00	41.17	0.00	0.00	16.56
694	1.700	24.20	0.00	27.88	17.43	7.64	19.55	20.36	0.00	0.00	0.00	0.00	0.00	0.00	40.89	0.00	0.00	16.53
695	1.680	24.20	0.00	27.88	17.43	7.64	19.49	20.30	0.00	0.00	0.00	0.00	0.00	0.00	40.61	0.00	0.00	16.49
696	1.660	24.20	0.00	27.88	17.43	7.64	19.43	20.24	0.00	0.00	0.00	0.00	0.00	0.00	40.33	0.00	0.00	16.46
697	1.640	24.20	0.00	27.88	17.43	7.64	19.38	20.18	0.00	0.00	0.00	0.00	0.00	0.00	40.05	0.00	0.00	16.43
698	1.620	24.20	0.00	27.88	17.43	7.64	19.32	20.12	0.00	0.00	0.00	0.00	0.00	0.00	39.76	0.00	0.00	16.39
699	1.600	24.20	0.00	27.88	17.43	7.63	19.27	20.06	0.00	0.00	0.00	0.00	0.00	0.00	39.48	0.00	0.00	16.36
700	1.580	24.20	0.00	27.88	17.43	7.63	19.21	19.99	0.00	0.00	0.00	0.00	0.00	0.00	39.20	0.00	0.00	16.33
701	1.560	24.20	0.00	27.88	17.43	7.63	19.15	19.93	0.00	0.00	0.00	0.00	0.00	0.00	38.92	0.00	0.00	16.30
702	1.540	24.20	0.00	27.88	17.43	7.63	19.10	19.87	0.00	0.00	0.00	0.00	0.00	0.00	38.64	0.00	0.00	16.26
703	1.520	24.20	0.00	27.87	17.43	7.63	19.04	19.81	0.00	0.00	0.00	0.00	0.00	0.00	38.36	0.00	0.00	16.23
704	1.500	24.20	0.00	27.87	17.43	7.62	18.99	19.75	0.00	0.00	0.00	0.00	0.00	0.00	38.08	0.00	0.00	16.20
705	1.480	24.20	0.00	27.87	17.43	7.62	18.93	19.69	0.00	0.00	0.00	0.00	0.00	0.00	37.80	0.00	0.00	16.17
706	1.460	24.20	0.00	27.87	17.43	7.62	18.88	19.63	0.00	0.00	0.00	0.00	0.00	0.00	37.52	0.00	0.00	16.14
707	1.440	24.20	0.00	27.87	17.43	7.62	18.83	19.57	0.00	0.00	0.00	0.00	0.00	0.00	37.24	0.00	0.00	16.10
708	1.420	24.20	0.00	27.87	17.43	7.62	18.77	19.51	0.00	0.00	0.00	0.00	0.00	0.00	36.95	0.00	0.00	16.07
709	1.400	24.20	0.00	27.87	17.43	7.61	18.72	19.45	0.00	0.00	0.00	0.00	0.00	0.00	36.67	0.00	0.00	16.04
710	1.380	24.20	0.00	27.87	17.43	7.61	18.66	19.39	0.00	0.00	0.00	0.00	0.00	0.00	36.39	0.00	0.00	16.01
711	1.360	24.20	0.00	27.87	17.43	7.61	18.61	19.33	0.00	0.00	0.00	0.00	0.00	0.00	36.11	0.00	0.00	15.98
712	1.340	24.20	0.00	27.87	17.43	7.61	18.56	19.27	0.00	0.00	0.00	0.00	0.00	0.00	35.83	0.00	0.00	15.95
713	1.320	24.20	0.00	27.87	17.43	7.61	18.50	19.21	0.00	0.00	0.00	0.00	0.00	0.00	35.55	0.00	0.00	15.91
714	1.300	24.20	0.00	27.87	17.43	7.60	18.45	19.16	0.00	0.00	0.00	0.00	0.00	0.00	35.27	0.00	0.00	15.88
715	1.280	24.20	0.00	27.87	17.43	7.60	18.40	19.10	0.00	0.00	0.00	0.00	0.00	0.00	34.99	0.00	0.00	15.85
716	1.260	24.20	0.00	27.87	17.43	7.60	18.34	19.04	0.00	0.00	0.00	0.00	0.00	0.00	34.71	0.00	0.00	15.82
717	1.240	24.20	0.00	27.87	17.43	7.60	18.29	18.98	0.00	0.00	0.00	0.00	0.00	0.00	34.42	0.00	0.00	15.79
718	1.220	24.20	0.00	27.87	17.43	7.59	18.24	18.92	0.00	0.00	0.00	0.00	0.00	0.00	34.14	0.00	0.00	15.76

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

719	1.200	24.20	0.00	27.87	17.43	7.59	18.19	18.86	0.00	0.00	0.00	0.00	0.00	33.86	0.00	0.00	15.73
720	1.180	24.20	0.00	27.87	17.43	7.59	18.13	18.81	0.00	0.00	0.00	0.00	0.00	33.58	0.00	0.00	15.70
721	1.160	24.20	0.00	27.87	17.43	7.59	18.08	18.75	0.00	0.00	0.00	0.00	0.00	33.30	0.00	0.00	15.67
722	1.140	24.20	0.00	27.87	17.43	7.59	18.03	18.69	0.00	0.00	0.00	0.00	0.00	33.02	0.00	0.00	15.63
723	1.120	24.20	0.00	27.87	17.43	7.58	17.98	18.63	0.00	0.00	0.00	0.00	0.00	32.74	0.00	0.00	15.60
724	1.100	24.20	0.00	27.87	17.43	7.58	17.93	18.58	0.00	0.00	0.00	0.00	0.00	32.46	0.00	0.00	15.57
725	1.080	24.20	0.00	27.87	17.43	7.58	17.88	18.52	0.00	0.00	0.00	0.00	0.00	32.18	0.00	0.00	15.54
726	1.060	24.20	0.00	27.87	17.43	7.58	17.83	18.46	0.00	0.00	0.00	0.00	0.00	31.90	0.00	0.00	15.51
727	1.040	24.20	0.00	27.87	17.43	7.57	17.78	18.41	0.00	0.00	0.00	0.00	0.00	31.61	0.00	0.00	15.48
728	1.020	24.20	0.00	27.87	17.43	7.57	17.72	18.35	0.00	0.00	0.00	0.00	0.00	31.33	0.00	0.00	15.45
729	1.000	24.20	0.00	27.87	17.43	7.57	17.67	18.30	0.00	0.00	0.00	0.00	0.00	31.05	0.00	0.00	15.42
730	0.980	24.20	0.00	27.87	17.43	7.57	17.62	18.24	0.00	0.00	0.00	0.00	0.00	30.77	0.00	0.00	15.39
731	0.960	24.20	0.00	27.87	17.43	7.56	17.57	18.18	0.00	0.00	0.00	0.00	0.00	30.49	0.00	0.00	15.36
732	0.940	24.20	0.00	27.87	17.43	7.56	17.52	18.13	0.00	0.00	0.00	0.00	0.00	30.21	0.00	0.00	15.33
733	0.920	24.20	0.00	27.87	17.43	7.56	17.47	18.07	0.00	0.00	0.00	0.00	0.00	29.93	0.00	0.00	15.30
734	0.900	24.20	0.00	27.87	17.43	7.56	17.42	18.02	0.00	0.00	0.00	0.00	0.00	29.65	0.00	0.00	15.27
735	0.880	24.20	0.00	27.87	17.43	7.55	17.37	17.96	0.00	0.00	0.00	0.00	0.00	29.37	0.00	0.00	15.24
736	0.860	24.20	0.00	27.87	17.43	7.55	17.33	17.91	0.00	0.00	0.00	0.00	0.00	29.08	0.00	0.00	15.21
737	0.840	24.20	0.00	27.87	17.43	7.55	17.28	17.85	0.00	0.00	0.00	0.00	0.00	28.80	0.00	0.00	15.18
738	0.820	24.20	0.00	27.87	17.43	7.55	17.23	17.80	0.00	0.00	0.00	0.00	0.00	28.52	0.00	0.00	15.15
739	0.800	24.20	0.00	27.86	17.43	7.54	17.18	17.74	0.00	0.00	0.00	0.00	0.00	28.24	0.00	0.00	15.12
740	0.780	24.20	0.00	27.86	17.43	7.54	17.13	17.69	0.00	0.00	0.00	0.00	0.00	27.96	0.00	0.00	15.09
741	0.760	24.20	0.00	27.86	17.43	7.54	17.08	17.64	0.00	0.00	0.00	0.00	0.00	27.68	0.00	0.00	15.07
742	0.740	24.20	0.00	27.86	17.43	7.54	17.03	17.58	0.00	0.00	0.00	0.00	0.00	27.40	0.00	0.00	15.04
743	0.720	24.20	0.00	27.86	17.43	7.53	16.99	17.53	0.00	0.00	0.00	0.00	0.00	27.12	0.00	0.00	15.01
744	0.700	24.20	0.00	27.86	17.43	7.53	16.94	17.47	0.00	0.00	0.00	0.00	0.00	26.84	0.00	0.00	14.98
745	0.680	24.20	0.00	27.86	17.43	7.53	16.89	17.42	0.00	0.00	0.00	0.00	0.00	26.56	0.00	0.00	14.95
746	0.660	24.20	0.00	27.86	17.43	7.53	16.84	17.37	0.00	0.00	0.00	0.00	0.00	26.27	0.00	0.00	14.92
747	0.640	24.20	0.00	27.86	17.43	7.52	16.79	17.31	0.00	0.00	0.00	0.00	0.00	25.99	0.00	0.00	14.89
748	0.620	24.20	0.00	27.86	17.43	7.52	16.75	17.26	0.00	0.00	0.00	0.00	0.00	25.71	0.00	0.00	14.86
749	0.600	24.20	0.00	27.86	17.43	7.52	16.70	17.21	0.00	0.00	0.00	0.00	0.00	25.43	0.00	0.00	14.83
750	0.580	24.20	0.00	27.86	17.43	7.52	16.65	17.16	0.00	0.00	0.00	0.00	0.00	25.15	0.00	0.00	14.80
751	0.560	24.20	0.00	27.86	17.43	7.51	16.61	17.10	0.00	0.00	0.00	0.00	0.00	24.87	0.00	0.00	14.78
752	0.540	24.20	0.00	27.86	17.43	7.51	16.56	17.05	0.00	0.00	0.00	0.00	0.00	24.59	0.00	0.00	14.75
753	0.520	24.20	0.00	27.86	17.43	7.51	16.51	17.00	0.00	0.00	0.00	0.00	0.00	24.31	0.00	0.00	14.72
754	0.500	24.20	0.00	27.86	17.43	7.50	16.47	16.95	0.00	0.00	0.00	0.00	0.00	24.03	0.00	0.00	14.69
755	0.480	24.20	0.00	27.86	17.43	7.50	16.42	16.89	0.00	0.00	0.00	0.00	0.00	23.75	0.00	0.00	14.66
756	0.460	24.20	0.00	27.86	17.43	7.50	16.37	16.84	0.00	0.00	0.00	0.00	0.00	23.46	0.00	0.00	14.63
757	0.440	24.20	0.00	27.86	17.43	7.50	16.33	16.79	0.00	0.00	0.00	0.00	0.00	23.18	0.00	0.00	14.61
758	0.420	24.20	0.00	27.86	17.43	7.49	16.28	16.74	0.00	0.00	0.00	0.00	0.00	22.90	0.00	0.00	14.58
759	0.400	24.20	0.00	27.86	17.43	7.49	16.24	16.69	0.00	0.00	0.00	0.00	0.00	22.62	0.00	0.00	14.55
760	0.380	24.20	0.00	27.86	17.43	7.49	16.19	16.64	0.00	0.00	0.00	0.00	0.00	22.34	0.00	0.00	14.52
761	0.360	24.20	0.00	27.86	17.43	7.49	16.14	16.59	0.00	0.00	0.00	0.00	0.00	22.06	0.00	0.00	14.49
762	0.340	24.20	0.00	27.86	17.43	7.48	16.10	16.54	0.00	0.00	0.00	0.00	0.00	21.78	0.00	0.00	14.47
763	0.320	24.20	0.00	27.86	17.43	7.48	16.05	16.48	0.00	0.00	0.00	0.00	0.00	21.50	0.00	0.00	14.44
764	0.300	24.20	0.00	27.86	17.43	7.48	16.01	16.43	0.00	0.00	0.00	0.00	0.00	21.22	0.00	0.00	14.41
765	0.280	24.20	0.00	27.86	17.43	7.47	15.97	16.38	0.00	0.00	0.00	0.00	0.00	20.93	0.00	0.00	14.38
766	0.260	24.20	0.00	27.86	17.43	7.47	15.92	16.33	0.00	0.00	0.00	0.00	0.00	20.65	0.00	0.00	14.36
767	0.240	24.20	0.00	27.86	17.43	7.47	15.88	16.28	0.00	0.00	0.00	0.00	0.00	20.37	0.00	0.00	14.33
768	0.220	24.20	0.00	27.86	17.43	7.47	15.83	16.23	0.00	0.00	0.00	0.00	0.00	20.09	0.00	0.00	14.30
769	0.200	24.20	0.00	27.86	17.43	7.46	15.79	16.18	0.00	0.00	0.00	0.00	0.00	19.81	0.00	0.00	14.27

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

770	0.180	24.20	0.00	27.86	17.43	7.46	15.74	16.13	0.00	0.00	0.00	0.00	0.00	19.53	0.00	0.00	14.25
771	0.160	24.20	0.00	27.86	17.43	7.46	15.70	16.08	0.00	0.00	0.00	0.00	0.00	19.25	0.00	0.00	14.22
772	0.140	24.20	0.00	27.86	17.43	7.45	15.66	16.04	0.00	0.00	0.00	0.00	0.00	18.97	0.00	0.00	14.19
773	0.120	24.20	0.00	27.86	17.43	7.45	15.61	15.99	0.00	0.00	0.00	0.00	0.00	18.69	0.00	0.00	14.16
774	0.100	24.20	0.00	27.86	17.43	7.45	15.57	15.94	0.00	0.00	0.00	0.00	0.00	18.41	0.00	0.00	14.14
775	0.080	24.20	0.00	27.86	17.43	7.45	15.53	15.89	0.00	0.00	0.00	0.00	0.00	18.12	0.00	0.00	14.11
776	0.060	24.20	0.00	27.86	17.43	7.44	15.48	15.84	0.00	0.00	0.00	0.00	0.00	17.84	0.00	0.00	14.08
777	0.040	24.20	0.00	27.85	17.43	7.44	15.44	15.79	0.00	0.00	0.00	0.00	0.00	17.56	0.00	0.00	14.06
778	0.020	24.20	0.00	27.85	17.43	7.44	15.40	15.74	0.00	0.00	0.00	0.00	0.00	17.28	0.00	0.00	14.03
779	0.000	24.20	0.00	27.85	17.43	7.43	15.36	15.70	0.00	0.00	0.00	0.00	0.00	17.00	0.00	0.00	14.01

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

STREAM SUMMARY

BAYOU CHAUVIN CALIBRATION

B CHAUVIN @ HWY 139

TRAVEL TIME = 20.01 DAYS

MAXIMUM EFFLUENT = 91.85 PERCENT

FLOW = 0.00259 TO 0.04528 cms  
 DISPERSION = 0.0003 TO 0.0932 sq m/s  
 VELOCITY = 0.00109 TO 0.04381 m/s  
 DEPTH = 0.18 TO 0.49 m  
 WIDTH = 5.11 TO 15.24 m

BOD DECAY = 0.20 TO 0.27 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND = 0.80 TO 6.13 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 1.70 TO 7.66 per day  
 BOD SETTling = 0.16 TO 0.18 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTling = 0.00 TO 0.00 per day

TEMPERATURE = 23.40 TO 26.70 deg C  
 DISSOLVED OXYGEN = 1.64 TO 7.74 mg/L

FINAL REPORT BAYOU OAKS DITCH

BAYOU CHAUVIN CALIBRATION

REACH NO. 3 BAYOU OAKS POND TO BAYOU CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
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47	HDWTR	0.00028	23.90	0.00	10.00	7.00	5.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
47	WSTLD	0.00500	26.50	0.00	39.60	30.50	4.80	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
47	0.08	0.07	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
48	0.07	0.06	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
49	0.06	0.05	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
50	0.05	0.04	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
51	0.04	0.03	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
52	0.03	0.02	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
53	0.02	0.01	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
54	0.01	0.00	0.00528	94.64	0.08609	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.016	0.086
TOT						0.01			4.91	48.80					
AVG					0.08609		0.10	0.61			0.06				
CUM						0.01									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da	
47	0.070	8.42	20.32	0.24	0.16	0.00	0.00	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.13	0.11	
48	0.060	8.41	20.35	0.24	0.17	0.00	0.00	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	0.00	0.13	0.11	
49	0.050	8.40	20.37	0.24	0.17	0.00	0.00	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00	0.13	0.11	
50	0.040	8.39	20.39	0.24	0.17	0.00	0.00	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	4.23	0.00	0.00	0.13	0.11	
51	0.030	8.38	20.42	0.24	0.17	0.00	0.00	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	5.31	0.00	0.00	0.13	0.11	
52	0.020	8.37	20.44	0.24	0.17	0.00	0.00	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.00	0.00	0.13	0.11	
53	0.010	8.37	20.46	0.24	0.17	0.00	0.00	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	7.48	0.00	0.00	0.13	0.11	
54	0.000	8.36	20.49	0.24	0.17	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	8.57	0.00	0.00	0.13	0.11	
20	DEG C RATE			0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10		
AVG	20 DEG C RATE		18.83		0.15					0.00										0.10	

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
47	0.070	23.96	0.00	38.01	29.24	4.85	68.27	68.39	0.00	0.00	0.00	0.00	0.00	6.25	0.00	0.00	56.93



\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
292	0.36	0.35	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
293	0.35	0.34	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
294	0.34	0.33	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
295	0.33	0.32	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
296	0.32	0.31	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
297	0.31	0.30	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
298	0.30	0.29	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
299	0.29	0.28	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
300	0.28	0.27	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
301	0.27	0.26	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
302	0.26	0.25	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
303	0.25	0.24	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
304	0.24	0.23	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
305	0.23	0.22	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
306	0.22	0.21	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
307	0.21	0.20	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
308	0.20	0.19	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
309	0.19	0.18	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
310	0.18	0.17	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
311	0.17	0.16	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
312	0.16	0.15	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
313	0.15	0.14	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
314	0.14	0.13	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
315	0.13	0.12	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
316	0.12	0.11	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
317	0.11	0.10	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
318	0.10	0.09	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
319	0.09	0.08	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
320	0.08	0.07	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
321	0.07	0.06	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
322	0.06	0.05	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
323	0.05	0.04	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
324	0.04	0.03	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
325	0.03	0.02	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
326	0.02	0.01	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
327	0.01	0.00	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
TOT						0.08			22.09	219.60					
AVG					0.05350		0.10	0.61			0.06				
CUM						0.08									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
292	0.350	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	35.04	0.00	0.00	0.14	0.11
293	0.340	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	34.37	0.00	0.00	0.14	0.11
294	0.330	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	33.69	0.00	0.00	0.14	0.11
295	0.320	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	33.02	0.00	0.00	0.14	0.11
296	0.310	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	32.34	0.00	0.00	0.14	0.11
297	0.300	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	31.67	0.00	0.00	0.14	0.11
298	0.290	8.22	15.71	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	30.99	0.00	0.00	0.14	0.11
299	0.280	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	30.32	0.00	0.00	0.14	0.11
300	0.270	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	29.65	0.00	0.00	0.14	0.11
301	0.260	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	28.97	0.00	0.00	0.14	0.11
302	0.250	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	28.30	0.00	0.00	0.14	0.11
303	0.240	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	27.62	0.00	0.00	0.14	0.11
304	0.230	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	26.95	0.00	0.00	0.14	0.11
305	0.220	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	26.27	0.00	0.00	0.14	0.11
306	0.210	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	25.60	0.00	0.00	0.14	0.11
307	0.200	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	24.92	0.00	0.00	0.14	0.11
308	0.190	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	24.25	0.00	0.00	0.14	0.11
309	0.180	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	23.57	0.00	0.00	0.14	0.11
310	0.170	8.22	15.71	0.26	0.17	0.00	0.00	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	22.90	0.00	0.00	0.14	0.11
311	0.160	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	22.22	0.00	0.00	0.14	0.11
312	0.150	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	21.55	0.00	0.00	0.14	0.11
313	0.140	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	20.87	0.00	0.00	0.14	0.11
314	0.130	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	20.20	0.00	0.00	0.14	0.11
315	0.120	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	19.53	0.00	0.00	0.14	0.11
316	0.110	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	18.85	0.00	0.00	0.14	0.11
317	0.100	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	18.18	0.00	0.00	0.14	0.11
318	0.090	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	17.50	0.00	0.00	0.14	0.11
319	0.080	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	16.83	0.00	0.00	0.14	0.11
320	0.070	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	16.15	0.00	0.00	0.14	0.11
321	0.060	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	15.48	0.00	0.00	0.14	0.11
322	0.050	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	14.80	0.00	0.00	0.14	0.11
323	0.040	8.22	15.71	0.26	0.17	0.00	0.00	1.05	1.05	0.00	0.00	0.00	0.00	0.00	0.00	14.13	0.00	0.00	0.14	0.11
324	0.030	8.22	15.71	0.26	0.17	0.00	0.00	1.04	1.04	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.00	0.00	0.14	0.11
325	0.020	8.22	15.71	0.26	0.17	0.00	0.00	1.04	1.04	0.00	0.00	0.00	0.00	0.00	0.00	12.78	0.00	0.00	0.14	0.11
326	0.010	8.22	15.71	0.26	0.17	0.00	0.00	1.04	1.04	0.00	0.00	0.00	0.00	0.00	0.00	12.10	0.00	0.00	0.14	0.11
327	0.000	8.22	15.71	0.26	0.17	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	11.43	0.00	0.00	0.14	0.11
20 DEG C RATE				0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			14.20		0.15						0.00									0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
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292	0.350	25.30	0.00	35.59	23.45	5.13	37.43	41.36	0.00	0.00	0.00	0.00	0.00	196.22	0.00	0.00	37.70
293	0.340	25.30	0.00	35.59	23.45	5.25	37.40	41.25	0.00	0.00	0.00	0.00	0.00	192.44	0.00	0.00	37.68
294	0.330	25.30	0.00	35.59	23.45	5.36	37.36	41.14	0.00	0.00	0.00	0.00	0.00	188.67	0.00	0.00	37.66
295	0.320	25.30	0.00	35.59	23.45	5.47	37.33	41.03	0.00	0.00	0.00	0.00	0.00	184.89	0.00	0.00	37.64
296	0.310	25.30	0.00	35.59	23.45	5.58	37.29	40.92	0.00	0.00	0.00	0.00	0.00	181.11	0.00	0.00	37.62
297	0.300	25.30	0.00	35.59	23.45	5.68	37.26	40.81	0.00	0.00	0.00	0.00	0.00	177.33	0.00	0.00	37.60
298	0.290	25.30	0.00	35.59	23.45	5.77	37.22	40.70	0.00	0.00	0.00	0.00	0.00	173.56	0.00	0.00	37.58
299	0.280	25.30	0.00	35.59	23.45	5.86	37.19	40.59	0.00	0.00	0.00	0.00	0.00	169.78	0.00	0.00	37.56
300	0.270	25.30	0.00	35.59	23.45	5.95	37.16	40.48	0.00	0.00	0.00	0.00	0.00	166.00	0.00	0.00	37.54
301	0.260	25.30	0.00	35.59	23.45	6.03	37.12	40.37	0.00	0.00	0.00	0.00	0.00	162.22	0.00	0.00	37.52
302	0.250	25.30	0.00	35.59	23.45	6.11	37.09	40.26	0.00	0.00	0.00	0.00	0.00	158.44	0.00	0.00	37.49
303	0.240	25.30	0.00	35.59	23.45	6.18	37.05	40.15	0.00	0.00	0.00	0.00	0.00	154.67	0.00	0.00	37.47
304	0.230	25.30	0.00	35.59	23.45	6.25	37.02	40.04	0.00	0.00	0.00	0.00	0.00	150.89	0.00	0.00	37.45
305	0.220	25.30	0.00	35.59	23.45	6.32	36.99	39.93	0.00	0.00	0.00	0.00	0.00	147.11	0.00	0.00	37.43
306	0.210	25.30	0.00	35.59	23.45	6.38	36.95	39.82	0.00	0.00	0.00	0.00	0.00	143.33	0.00	0.00	37.41
307	0.200	25.30	0.00	35.59	23.45	6.44	36.92	39.71	0.00	0.00	0.00	0.00	0.00	139.56	0.00	0.00	37.39
308	0.190	25.30	0.00	35.59	23.45	6.50	36.88	39.60	0.00	0.00	0.00	0.00	0.00	135.78	0.00	0.00	37.37
309	0.180	25.30	0.00	35.59	23.45	6.55	36.85	39.49	0.00	0.00	0.00	0.00	0.00	132.00	0.00	0.00	37.35
310	0.170	25.30	0.00	35.59	23.45	6.60	36.82	39.38	0.00	0.00	0.00	0.00	0.00	128.22	0.00	0.00	37.33
311	0.160	25.30	0.00	35.59	23.45	6.65	36.78	39.27	0.00	0.00	0.00	0.00	0.00	124.44	0.00	0.00	37.31
312	0.150	25.30	0.00	35.59	23.45	6.69	36.75	39.16	0.00	0.00	0.00	0.00	0.00	120.67	0.00	0.00	37.29
313	0.140	25.30	0.00	35.59	23.45	6.73	36.71	39.05	0.00	0.00	0.00	0.00	0.00	116.89	0.00	0.00	37.27
314	0.130	25.30	0.00	35.59	23.45	6.77	36.68	38.94	0.00	0.00	0.00	0.00	0.00	113.11	0.00	0.00	37.25
315	0.120	25.30	0.00	35.59	23.45	6.81	36.65	38.83	0.00	0.00	0.00	0.00	0.00	109.33	0.00	0.00	37.22
316	0.110	25.30	0.00	35.59	23.45	6.84	36.61	38.72	0.00	0.00	0.00	0.00	0.00	105.56	0.00	0.00	37.20
317	0.100	25.30	0.00	35.59	23.45	6.87	36.58	38.62	0.00	0.00	0.00	0.00	0.00	101.78	0.00	0.00	37.18
318	0.090	25.30	0.00	35.59	23.45	6.90	36.55	38.51	0.00	0.00	0.00	0.00	0.00	98.00	0.00	0.00	37.16
319	0.080	25.30	0.00	35.59	23.45	6.92	36.51	38.40	0.00	0.00	0.00	0.00	0.00	94.22	0.00	0.00	37.14
320	0.070	25.30	0.00	35.59	23.45	6.95	36.48	38.29	0.00	0.00	0.00	0.00	0.00	90.44	0.00	0.00	37.12
321	0.060	25.30	0.00	35.59	23.45	6.97	36.45	38.18	0.00	0.00	0.00	0.00	0.00	86.67	0.00	0.00	37.10
322	0.050	25.30	0.00	35.59	23.45	6.99	36.41	38.07	0.00	0.00	0.00	0.00	0.00	82.89	0.00	0.00	37.08
323	0.040	25.30	0.00	35.59	23.45	7.01	36.38	37.96	0.00	0.00	0.00	0.00	0.00	79.11	0.00	0.00	37.06
324	0.030	25.30	0.00	35.59	23.45	7.02	36.35	37.85	0.00	0.00	0.00	0.00	0.00	75.33	0.00	0.00	37.04
325	0.020	25.30	0.00	35.58	23.45	7.04	36.31	37.74	0.00	0.00	0.00	0.00	0.00	71.56	0.00	0.00	37.02
326	0.010	25.30	0.00	35.48	23.37	7.05	36.09	37.45	0.00	0.00	0.00	0.00	0.00	67.78	0.00	0.00	36.79
327	0.000	25.30	0.00	30.19	19.49	7.21	26.40	27.68	0.00	0.00	0.00	0.00	0.00	64.00	0.00	0.00	26.03

\* CM-I = CHLORIDES  
MG/L

CM-II = SULFATES  
MG/L

NCM = NBOD  
MG/L

\*\* g/cu m

STREAM SUMMARY  
WEST ELMWOOD DITCH

BAYOU CHAUVIN CALIBRATION

TRAVEL TIME = 0.08 DAYS

MAXIMUM EFFLUENT = 91.38 PERCENT

FLOW = 0.00328 TO 0.00328 cms

DISPERSION = 0.0102 TO 0.0102 sq m/s  
 VELOCITY = 0.05350 TO 0.05350 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m  
  
 BOD DECAY = 0.26 TO 0.26 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.75 TO 1.07 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 15.71 TO 15.71 per day  
 BOD SETTLING = 0.17 TO 0.17 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
  
 TEMPERATURE = 25.30 TO 25.30 deg C  
 DISSOLVED OXYGEN = 5.13 TO 7.21 mg/L

FINAL REPORT NORTH MONROE DITCH BAYOU CHAUVIN CALIBRATION  
 REACH NO. 12 N MONROE SD #1 POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
372	HDWTR	0.00028	26.70	0.00	10.00	7.00	5.00	0.00	3.00	0.00	0.00	0.00	0.00	200.00	0.00	3.00
372	WSTLD	0.00300	23.00	0.00	38.00	25.00	5.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
372	0.60	0.59	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
373	0.59	0.58	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
374	0.58	0.57	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
375	0.57	0.56	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
376	0.56	0.55	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
377	0.55	0.54	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
378	0.54	0.53	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
379	0.53	0.52	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
380	0.52	0.51	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
381	0.51	0.50	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
382	0.50	0.49	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
383	0.49	0.48	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
384	0.48	0.47	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053
385	0.47	0.46	0.00328	91.38	0.05350	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.010	0.053



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAPY 1/da	CBOD SETT 1/da	ANBOD DECAPY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAPY 1/da	ORGN SETT 1/da	NH3 DECAPY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAPY 1/da	NCM DECAPY 1/da	NCM SETT 1/da
372	0.590	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	36.81	0.00	0.00	0.15	0.12
373	0.580	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	36.41	0.00	0.00	0.15	0.12
374	0.570	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00	0.15	0.12
375	0.560	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	35.59	0.00	0.00	0.15	0.12
376	0.550	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	35.18	0.00	0.00	0.15	0.12
377	0.540	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	34.77	0.00	0.00	0.15	0.12
378	0.530	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	34.36	0.00	0.00	0.15	0.12
379	0.520	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	33.95	0.00	0.00	0.15	0.12
380	0.510	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	33.54	0.00	0.00	0.15	0.12
381	0.500	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	33.13	0.00	0.00	0.15	0.12
382	0.490	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	32.72	0.00	0.00	0.15	0.12
383	0.480	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	32.31	0.00	0.00	0.15	0.12
384	0.470	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	31.90	0.00	0.00	0.15	0.12
385	0.460	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	31.49	0.00	0.00	0.15	0.12
386	0.450	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	31.08	0.00	0.00	0.15	0.12
387	0.440	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	30.67	0.00	0.00	0.15	0.12
388	0.430	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	30.26	0.00	0.00	0.15	0.12
389	0.420	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	29.85	0.00	0.00	0.15	0.12
390	0.410	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	29.44	0.00	0.00	0.15	0.12
391	0.400	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	29.04	0.00	0.00	0.15	0.12
392	0.390	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	28.63	0.00	0.00	0.15	0.12
393	0.380	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	28.22	0.00	0.00	0.15	0.12
394	0.370	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	27.81	0.00	0.00	0.15	0.12
395	0.360	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	27.40	0.00	0.00	0.15	0.12
396	0.350	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	26.99	0.00	0.00	0.15	0.12
397	0.340	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	26.58	0.00	0.00	0.15	0.12
398	0.330	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	26.17	0.00	0.00	0.15	0.12
399	0.320	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	25.76	0.00	0.00	0.15	0.12
400	0.310	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	25.35	0.00	0.00	0.15	0.12
401	0.300	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	24.94	0.00	0.00	0.15	0.12
402	0.290	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	24.53	0.00	0.00	0.15	0.12
403	0.280	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	24.12	0.00	0.00	0.15	0.12
404	0.270	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	23.71	0.00	0.00	0.15	0.12
405	0.260	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	23.30	0.00	0.00	0.15	0.12
406	0.250	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	22.89	0.00	0.00	0.15	0.12
407	0.240	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	22.48	0.00	0.00	0.15	0.12
408	0.230	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	22.07	0.00	0.00	0.15	0.12
409	0.220	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	21.66	0.00	0.00	0.15	0.12
410	0.210	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	21.26	0.00	0.00	0.15	0.12
411	0.200	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	20.85	0.00	0.00	0.15	0.12
412	0.190	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	20.44	0.00	0.00	0.15	0.12
413	0.180	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	20.03	0.00	0.00	0.15	0.12
414	0.170	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	19.62	0.00	0.00	0.15	0.12
415	0.160	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	19.21	0.00	0.00	0.15	0.12

416	0.150	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	18.80	0.00	0.00	0.15	0.12
417	0.140	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	18.39	0.00	0.00	0.15	0.12
418	0.130	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	17.98	0.00	0.00	0.15	0.12
419	0.120	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	17.57	0.00	0.00	0.15	0.12
420	0.110	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	17.16	0.00	0.00	0.15	0.12
421	0.100	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	16.75	0.00	0.00	0.15	0.12
422	0.090	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	16.34	0.00	0.00	0.15	0.12
423	0.080	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	15.93	0.00	0.00	0.15	0.12
424	0.070	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	15.52	0.00	0.00	0.15	0.12
425	0.060	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	15.11	0.00	0.00	0.15	0.12
426	0.050	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	14.70	0.00	0.00	0.15	0.12
427	0.040	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	14.29	0.00	0.00	0.15	0.12
428	0.030	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	13.88	0.00	0.00	0.15	0.12
429	0.020	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	13.48	0.00	0.00	0.15	0.12
430	0.010	8.08	15.97	0.27	0.17	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	13.07	0.00	0.00	0.15	0.12
431	0.000	8.08	15.97	0.27	0.17	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	12.66	0.00	0.00	0.15	0.12
20 DEG C RATE				0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			14.20	0.15							0.00									0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
372	0.590	26.20	0.00	35.59	23.45	5.17	5.48	9.43	0.00	0.00	0.00	0.00	0.00	197.80	0.00	0.00	5.74
373	0.580	26.20	0.00	35.59	23.45	5.34	5.47	9.38	0.00	0.00	0.00	0.00	0.00	195.60	0.00	0.00	5.73
374	0.570	26.20	0.00	35.59	23.45	5.50	5.47	9.34	0.00	0.00	0.00	0.00	0.00	193.40	0.00	0.00	5.73
375	0.560	26.20	0.00	35.59	23.45	5.65	5.46	9.29	0.00	0.00	0.00	0.00	0.00	191.20	0.00	0.00	5.73
376	0.550	26.20	0.00	35.59	23.45	5.80	5.46	9.24	0.00	0.00	0.00	0.00	0.00	189.00	0.00	0.00	5.72
377	0.540	26.20	0.00	35.59	23.45	5.94	5.45	9.19	0.00	0.00	0.00	0.00	0.00	186.80	0.00	0.00	5.72
378	0.530	26.20	0.00	35.59	23.45	6.07	5.45	9.14	0.00	0.00	0.00	0.00	0.00	184.60	0.00	0.00	5.72
379	0.520	26.20	0.00	35.59	23.45	6.20	5.44	9.09	0.00	0.00	0.00	0.00	0.00	182.40	0.00	0.00	5.71
380	0.510	26.20	0.00	35.59	23.45	6.33	5.44	9.04	0.00	0.00	0.00	0.00	0.00	180.20	0.00	0.00	5.71
381	0.500	26.20	0.00	35.59	23.45	6.45	5.43	8.99	0.00	0.00	0.00	0.00	0.00	178.00	0.00	0.00	5.71
382	0.490	26.20	0.00	35.59	23.45	6.56	5.43	8.94	0.00	0.00	0.00	0.00	0.00	175.80	0.00	0.00	5.70
383	0.480	26.20	0.00	35.59	23.45	6.67	5.42	8.89	0.00	0.00	0.00	0.00	0.00	173.60	0.00	0.00	5.70
384	0.470	26.20	0.00	35.59	23.45	6.78	5.42	8.84	0.00	0.00	0.00	0.00	0.00	171.40	0.00	0.00	5.70
385	0.460	26.20	0.00	35.59	23.45	6.88	5.41	8.79	0.00	0.00	0.00	0.00	0.00	169.20	0.00	0.00	5.69
386	0.450	26.20	0.00	35.59	23.45	6.98	5.41	8.75	0.00	0.00	0.00	0.00	0.00	167.00	0.00	0.00	5.69
387	0.440	26.20	0.00	35.59	23.45	7.07	5.40	8.70	0.00	0.00	0.00	0.00	0.00	164.80	0.00	0.00	5.69
388	0.430	26.20	0.00	35.59	23.45	7.16	5.39	8.65	0.00	0.00	0.00	0.00	0.00	162.60	0.00	0.00	5.69
389	0.420	26.20	0.00	35.59	23.45	7.24	5.39	8.60	0.00	0.00	0.00	0.00	0.00	160.40	0.00	0.00	5.68
390	0.410	26.20	0.00	35.59	23.45	7.32	5.38	8.55	0.00	0.00	0.00	0.00	0.00	158.20	0.00	0.00	5.68
391	0.400	26.20	0.00	35.59	23.45	7.40	5.38	8.50	0.00	0.00	0.00	0.00	0.00	156.00	0.00	0.00	5.68
392	0.390	26.20	0.00	35.59	23.45	7.48	5.37	8.45	0.00	0.00	0.00	0.00	0.00	153.80	0.00	0.00	5.67
393	0.380	26.20	0.00	35.59	23.45	7.55	5.37	8.40	0.00	0.00	0.00	0.00	0.00	151.60	0.00	0.00	5.67
394	0.370	26.20	0.00	35.59	23.45	7.62	5.36	8.35	0.00	0.00	0.00	0.00	0.00	149.40	0.00	0.00	5.67

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

395	0.360	26.20	0.00	35.59	23.45	7.68	5.36	8.30	0.00	0.00	0.00	0.00	0.00	147.20	0.00	0.00	5.66
396	0.350	26.20	0.00	35.59	23.45	7.74	5.35	8.25	0.00	0.00	0.00	0.00	0.00	145.00	0.00	0.00	5.66
397	0.340	26.20	0.00	35.59	23.45	7.80	5.35	8.20	0.00	0.00	0.00	0.00	0.00	142.80	0.00	0.00	5.66
398	0.330	26.20	0.00	35.59	23.45	7.86	5.34	8.16	0.00	0.00	0.00	0.00	0.00	140.60	0.00	0.00	5.65
399	0.320	26.20	0.00	35.59	23.45	7.91	5.34	8.11	0.00	0.00	0.00	0.00	0.00	138.40	0.00	0.00	5.65
400	0.310	26.20	0.00	35.59	23.45	7.96	5.33	8.06	0.00	0.00	0.00	0.00	0.00	136.20	0.00	0.00	5.65
401	0.300	26.20	0.00	35.59	23.45	8.01	5.33	8.01	0.00	0.00	0.00	0.00	0.00	134.00	0.00	0.00	5.64
402	0.290	26.20	0.00	35.59	23.45	8.06	5.32	7.96	0.00	0.00	0.00	0.00	0.00	131.80	0.00	0.00	5.64
403	0.280	26.20	0.00	35.59	23.45	8.10	5.32	7.91	0.00	0.00	0.00	0.00	0.00	129.60	0.00	0.00	5.64
404	0.270	26.20	0.00	35.59	23.45	8.14	5.31	7.86	0.00	0.00	0.00	0.00	0.00	127.40	0.00	0.00	5.63
405	0.260	26.20	0.00	35.59	23.45	8.18	5.31	7.81	0.00	0.00	0.00	0.00	0.00	125.20	0.00	0.00	5.63
406	0.250	26.20	0.00	35.59	23.45	8.21	5.30	7.76	0.00	0.00	0.00	0.00	0.00	123.00	0.00	0.00	5.63
407	0.240	26.20	0.00	35.59	23.45	8.25	5.30	7.71	0.00	0.00	0.00	0.00	0.00	120.80	0.00	0.00	5.62
408	0.230	26.20	0.00	35.59	23.45	8.28	5.29	7.67	0.00	0.00	0.00	0.00	0.00	118.60	0.00	0.00	5.62
409	0.220	26.20	0.00	35.59	23.45	8.31	5.29	7.62	0.00	0.00	0.00	0.00	0.00	116.40	0.00	0.00	5.62
410	0.210	26.20	0.00	35.59	23.45	8.34	5.28	7.57	0.00	0.00	0.00	0.00	0.00	114.20	0.00	0.00	5.61
411	0.200	26.20	0.00	35.59	23.45	8.37	5.28	7.52	0.00	0.00	0.00	0.00	0.00	112.00	0.00	0.00	5.61
412	0.190	26.20	0.00	35.59	23.45	8.39	5.27	7.47	0.00	0.00	0.00	0.00	0.00	109.80	0.00	0.00	5.61
413	0.180	26.20	0.00	35.59	23.45	8.42	5.27	7.42	0.00	0.00	0.00	0.00	0.00	107.60	0.00	0.00	5.60
414	0.170	26.20	0.00	35.59	23.45	8.44	5.26	7.37	0.00	0.00	0.00	0.00	0.00	105.40	0.00	0.00	5.60
415	0.160	26.20	0.00	35.59	23.45	8.46	5.26	7.32	0.00	0.00	0.00	0.00	0.00	103.20	0.00	0.00	5.60
416	0.150	26.20	0.00	35.59	23.45	8.48	5.25	7.27	0.00	0.00	0.00	0.00	0.00	101.00	0.00	0.00	5.59
417	0.140	26.20	0.00	35.59	23.45	8.50	5.25	7.22	0.00	0.00	0.00	0.00	0.00	98.80	0.00	0.00	5.59
418	0.130	26.20	0.00	35.59	23.45	8.51	5.24	7.18	0.00	0.00	0.00	0.00	0.00	96.60	0.00	0.00	5.59
419	0.120	26.20	0.00	35.59	23.45	8.53	5.24	7.13	0.00	0.00	0.00	0.00	0.00	94.40	0.00	0.00	5.58
420	0.110	26.20	0.00	35.59	23.45	8.54	5.23	7.08	0.00	0.00	0.00	0.00	0.00	92.20	0.00	0.00	5.58
421	0.100	26.20	0.00	35.59	23.45	8.55	5.23	7.03	0.00	0.00	0.00	0.00	0.00	90.00	0.00	0.00	5.58
422	0.090	26.20	0.00	35.59	23.45	8.56	5.22	6.98	0.00	0.00	0.00	0.00	0.00	87.80	0.00	0.00	5.57
423	0.080	26.20	0.00	35.59	23.45	8.57	5.22	6.93	0.00	0.00	0.00	0.00	0.00	85.60	0.00	0.00	5.57
424	0.070	26.20	0.00	35.59	23.45	8.58	5.21	6.88	0.00	0.00	0.00	0.00	0.00	83.40	0.00	0.00	5.57
425	0.060	26.20	0.00	35.59	23.45	8.59	5.21	6.83	0.00	0.00	0.00	0.00	0.00	81.20	0.00	0.00	5.56
426	0.050	26.20	0.00	35.59	23.45	8.59	5.20	6.78	0.00	0.00	0.00	0.00	0.00	79.00	0.00	0.00	5.56
427	0.040	26.20	0.00	35.59	23.45	8.60	5.20	6.73	0.00	0.00	0.00	0.00	0.00	76.80	0.00	0.00	5.56
428	0.030	26.20	0.00	35.59	23.45	8.60	5.19	6.69	0.00	0.00	0.00	0.00	0.00	74.60	0.00	0.00	5.55
429	0.020	26.20	0.00	35.59	23.45	8.60	5.19	6.64	0.00	0.00	0.00	0.00	0.00	72.40	0.00	0.00	5.55
430	0.010	26.20	0.00	35.52	23.40	8.60	5.30	6.70	0.00	0.00	0.00	0.00	0.00	70.20	0.00	0.00	5.65
431	0.000	26.20	0.00	31.92	20.76	8.20	11.36	12.72	0.00	0.00	0.00	0.00	0.00	68.00	0.00	0.00	10.75

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH MONROE DITCH

BAYOU CHAUVIN CALIBRATION

TRAVEL TIME = 0.13 DAYS  
 MAXIMUM EFFLUENT = 91.38 PERCENT  
 FLOW = 0.00328 TO 0.00328 cms

DISPERSION = 0.0102 TO 0.0102 sq m/s  
 VELOCITY = 0.05350 TO 0.05350 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m  
  
 BOD DECAY = 0.27 TO 0.27 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.16 TO 0.32 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 15.97 TO 15.97 per day  
 BOD SETTLING = 0.17 TO 0.17 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
  
 TEMPERATURE = 26.20 TO 26.20 deg C  
 DISSOLVED OXYGEN = 5.17 TO 8.60 mg/L

FINAL REPORT NORTH GATE DITCH BAYOU CHAUVIN CALIBRATION  
 REACH NO. 15 N GATE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
457	HDWTR	0.00028	25.50	0.00	10.00	7.00	5.00	0.00	3.00	0.00	0.00	0.00	0.00	199.00	0.00	3.00
457	WSTLD	0.00120	22.00	0.00	33.10	21.80	0.40	82.00	82.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
457	0.60	0.59	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
458	0.59	0.58	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
459	0.58	0.57	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
460	0.57	0.56	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
461	0.56	0.55	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
462	0.55	0.54	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
463	0.54	0.53	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
464	0.53	0.52	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
465	0.52	0.51	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
466	0.51	0.50	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
467	0.50	0.49	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
468	0.49	0.48	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
469	0.48	0.47	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024
470	0.47	0.46	0.00148	80.92	0.02417	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.005	0.024



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAY 1/da	CBOD SETT 1/da	ANBOD DECAY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAY 1/da	ORGN SETT 1/da	NH3 DECAY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAY 1/da	NCM DECAY 1/da	NCM SETT 1/da
457	0.590	8.19	11.14	0.21	0.17	0.00	0.00	1.48	1.23	0.00	0.00	0.00	0.00	0.00	0.00	35.48	0.00	0.00	0.12	0.11
458	0.580	8.19	11.14	0.26	0.17	0.00	0.00	1.48	1.47	0.00	0.00	0.00	0.00	0.00	0.00	35.09	0.00	0.00	0.14	0.11
459	0.570	8.19	11.14	0.26	0.17	0.00	0.00	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	34.70	0.00	0.00	0.15	0.11
460	0.560	8.19	11.14	0.26	0.17	0.00	0.00	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	34.32	0.00	0.00	0.15	0.11
461	0.550	8.19	11.14	0.26	0.17	0.00	0.00	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	33.93	0.00	0.00	0.15	0.11
462	0.540	8.19	11.14	0.26	0.17	0.00	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	33.54	0.00	0.00	0.15	0.11
463	0.530	8.19	11.14	0.26	0.17	0.00	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	33.15	0.00	0.00	0.15	0.11
464	0.520	8.19	11.14	0.26	0.17	0.00	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	32.77	0.00	0.00	0.15	0.11
465	0.510	8.19	11.14	0.26	0.17	0.00	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	32.38	0.00	0.00	0.15	0.11
466	0.500	8.19	11.14	0.26	0.17	0.00	0.00	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	31.99	0.00	0.00	0.15	0.11
467	0.490	8.19	11.14	0.26	0.17	0.00	0.00	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	31.60	0.00	0.00	0.15	0.11
468	0.480	8.19	11.14	0.26	0.17	0.00	0.00	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	31.22	0.00	0.00	0.15	0.11
469	0.470	8.19	11.14	0.26	0.17	0.00	0.00	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	30.83	0.00	0.00	0.15	0.11
470	0.460	8.19	11.14	0.26	0.17	0.00	0.00	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	30.44	0.00	0.00	0.15	0.11
471	0.450	8.19	11.14	0.26	0.17	0.00	0.00	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	30.05	0.00	0.00	0.15	0.11
472	0.440	8.19	11.14	0.26	0.17	0.00	0.00	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	29.67	0.00	0.00	0.15	0.11
473	0.430	8.19	11.14	0.26	0.17	0.00	0.00	1.44	1.44	0.00	0.00	0.00	0.00	0.00	0.00	29.28	0.00	0.00	0.15	0.11
474	0.420	8.19	11.14	0.26	0.17	0.00	0.00	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	28.89	0.00	0.00	0.15	0.11
475	0.410	8.19	11.14	0.26	0.17	0.00	0.00	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	28.50	0.00	0.00	0.15	0.11
476	0.400	8.19	11.14	0.26	0.17	0.00	0.00	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	28.12	0.00	0.00	0.15	0.11
477	0.390	8.19	11.14	0.26	0.17	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	27.73	0.00	0.00	0.15	0.11
478	0.380	8.19	11.14	0.26	0.17	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	27.34	0.00	0.00	0.15	0.11
479	0.370	8.19	11.14	0.26	0.17	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	26.95	0.00	0.00	0.15	0.11
480	0.360	8.19	11.14	0.26	0.17	0.00	0.00	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	26.57	0.00	0.00	0.15	0.11
481	0.350	8.19	11.14	0.26	0.17	0.00	0.00	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	26.18	0.00	0.00	0.15	0.11
482	0.340	8.19	11.14	0.26	0.17	0.00	0.00	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	25.79	0.00	0.00	0.15	0.11
483	0.330	8.19	11.14	0.26	0.17	0.00	0.00	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	25.40	0.00	0.00	0.15	0.11
484	0.320	8.19	11.14	0.26	0.17	0.00	0.00	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	25.02	0.00	0.00	0.15	0.11
485	0.310	8.19	11.14	0.26	0.17	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	24.63	0.00	0.00	0.15	0.11
486	0.300	8.19	11.14	0.26	0.17	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	24.24	0.00	0.00	0.15	0.11
487	0.290	8.19	11.14	0.26	0.17	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	23.85	0.00	0.00	0.15	0.11
488	0.280	8.19	11.14	0.26	0.17	0.00	0.00	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	23.47	0.00	0.00	0.15	0.11
489	0.270	8.19	11.14	0.26	0.17	0.00	0.00	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	23.08	0.00	0.00	0.15	0.11
490	0.260	8.19	11.14	0.26	0.17	0.00	0.00	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	22.69	0.00	0.00	0.15	0.11
491	0.250	8.19	11.14	0.26	0.17	0.00	0.00	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	22.30	0.00	0.00	0.15	0.11
492	0.240	8.19	11.14	0.26	0.17	0.00	0.00	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	21.92	0.00	0.00	0.15	0.11
493	0.230	8.19	11.14	0.26	0.17	0.00	0.00	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	21.53	0.00	0.00	0.15	0.11
494	0.220	8.19	11.14	0.26	0.17	0.00	0.00	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	21.14	0.00	0.00	0.15	0.11
495	0.210	8.19	11.14	0.26	0.17	0.00	0.00	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	20.75	0.00	0.00	0.15	0.11
496	0.200	8.19	11.14	0.26	0.17	0.00	0.00	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	20.37	0.00	0.00	0.15	0.11
497	0.190	8.19	11.14	0.26	0.17	0.00	0.00	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	19.98	0.00	0.00	0.15	0.11
498	0.180	8.19	11.14	0.26	0.17	0.00	0.00	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	19.59	0.00	0.00	0.15	0.11
499	0.170	8.19	11.14	0.26	0.17	0.00	0.00	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	19.20	0.00	0.00	0.15	0.11
500	0.160	8.19	11.14	0.26	0.17	0.00	0.00	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	18.82	0.00	0.00	0.15	0.11

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

501	0.150	8.19	11.14	0.26	0.17	0.00	0.00	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	18.43	0.00	0.00	0.15	0.11
502	0.140	8.19	11.14	0.26	0.17	0.00	0.00	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	18.04	0.00	0.00	0.15	0.11
503	0.130	8.19	11.14	0.26	0.17	0.00	0.00	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	17.65	0.00	0.00	0.15	0.11
504	0.120	8.19	11.14	0.26	0.17	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	17.27	0.00	0.00	0.15	0.11
505	0.110	8.19	11.14	0.26	0.17	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	16.88	0.00	0.00	0.15	0.11
506	0.100	8.19	11.14	0.26	0.17	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	16.49	0.00	0.00	0.15	0.11
507	0.090	8.19	11.14	0.26	0.17	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	16.10	0.00	0.00	0.15	0.11
508	0.080	8.19	11.14	0.26	0.17	0.00	0.00	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	15.72	0.00	0.00	0.15	0.11
509	0.070	8.19	11.14	0.26	0.17	0.00	0.00	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	15.33	0.00	0.00	0.15	0.11
510	0.060	8.19	11.14	0.26	0.17	0.00	0.00	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	14.94	0.00	0.00	0.15	0.11
511	0.050	8.19	11.14	0.26	0.17	0.00	0.00	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	14.55	0.00	0.00	0.15	0.11
512	0.040	8.19	11.14	0.26	0.17	0.00	0.00	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	14.17	0.00	0.00	0.15	0.11
513	0.030	8.19	11.14	0.26	0.17	0.00	0.00	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	13.78	0.00	0.00	0.15	0.11
514	0.020	8.19	11.14	0.26	0.17	0.00	0.00	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	13.39	0.00	0.00	0.15	0.11
515	0.010	8.19	11.14	0.26	0.17	0.00	0.00	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.15	0.11
516	0.000	8.19	11.14	0.26	0.17	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	0.00	0.00	12.62	0.00	0.00	0.15	0.11

20 DEG C RATE 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10 0.10  
 AVG 20 DEG C RATE 10.03 0.15 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10 0.10

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
457	0.590	25.50	0.00	28.69	18.98	1.66	66.23	70.16	0.00	0.00	0.00	0.00	0.00	196.85	0.00	0.00	29.67
458	0.580	25.50	0.00	28.69	18.98	1.99	66.09	69.99	0.00	0.00	0.00	0.00	0.00	194.70	0.00	0.00	29.63
459	0.570	25.50	0.00	28.69	18.98	2.29	65.96	69.81	0.00	0.00	0.00	0.00	0.00	192.55	0.00	0.00	29.60
460	0.560	25.50	0.00	28.69	18.98	2.59	65.82	69.63	0.00	0.00	0.00	0.00	0.00	190.40	0.00	0.00	29.56
461	0.550	25.50	0.00	28.69	18.98	2.86	65.69	69.45	0.00	0.00	0.00	0.00	0.00	188.25	0.00	0.00	29.52
462	0.540	25.50	0.00	28.69	18.98	3.12	65.55	69.27	0.00	0.00	0.00	0.00	0.00	186.10	0.00	0.00	29.49
463	0.530	25.50	0.00	28.69	18.98	3.37	65.42	69.10	0.00	0.00	0.00	0.00	0.00	183.95	0.00	0.00	29.45
464	0.520	25.50	0.00	28.69	18.98	3.60	65.28	68.92	0.00	0.00	0.00	0.00	0.00	181.80	0.00	0.00	29.41
465	0.510	25.50	0.00	28.69	18.98	3.82	65.15	68.74	0.00	0.00	0.00	0.00	0.00	179.65	0.00	0.00	29.38
466	0.500	25.50	0.00	28.69	18.98	4.02	65.02	68.57	0.00	0.00	0.00	0.00	0.00	177.50	0.00	0.00	29.34
467	0.490	25.50	0.00	28.69	18.98	4.21	64.88	68.39	0.00	0.00	0.00	0.00	0.00	175.35	0.00	0.00	29.30
468	0.480	25.50	0.00	28.69	18.98	4.40	64.75	68.22	0.00	0.00	0.00	0.00	0.00	173.20	0.00	0.00	29.27
469	0.470	25.50	0.00	28.69	18.98	4.57	64.62	68.04	0.00	0.00	0.00	0.00	0.00	171.05	0.00	0.00	29.23
470	0.460	25.50	0.00	28.69	18.98	4.73	64.49	67.86	0.00	0.00	0.00	0.00	0.00	168.90	0.00	0.00	29.19
471	0.450	25.50	0.00	28.69	18.98	4.88	64.35	67.69	0.00	0.00	0.00	0.00	0.00	166.75	0.00	0.00	29.16
472	0.440	25.50	0.00	28.69	18.98	5.02	64.22	67.52	0.00	0.00	0.00	0.00	0.00	164.60	0.00	0.00	29.12
473	0.430	25.50	0.00	28.69	18.98	5.16	64.09	67.34	0.00	0.00	0.00	0.00	0.00	162.45	0.00	0.00	29.09
474	0.420	25.50	0.00	28.69	18.98	5.28	63.96	67.17	0.00	0.00	0.00	0.00	0.00	160.30	0.00	0.00	29.05
475	0.410	25.50	0.00	28.69	18.98	5.40	63.83	66.99	0.00	0.00	0.00	0.00	0.00	158.15	0.00	0.00	29.01
476	0.400	25.50	0.00	28.69	18.98	5.51	63.70	66.82	0.00	0.00	0.00	0.00	0.00	156.00	0.00	0.00	28.98
477	0.390	25.50	0.00	28.69	18.98	5.62	63.57	66.65	0.00	0.00	0.00	0.00	0.00	153.85	0.00	0.00	28.94
478	0.380	25.50	0.00	28.69	18.98	5.71	63.44	66.47	0.00	0.00	0.00	0.00	0.00	151.70	0.00	0.00	28.91
479	0.370	25.50	0.00	28.69	18.98	5.80	63.31	66.30	0.00	0.00	0.00	0.00	0.00	149.55	0.00	0.00	28.87

480	0.360	25.50	0.00	28.69	18.98	5.89	63.18	66.13	0.00	0.00	0.00	0.00	0.00	147.40	0.00	0.00	28.83
481	0.350	25.50	0.00	28.69	18.98	5.97	63.05	65.95	0.00	0.00	0.00	0.00	0.00	145.25	0.00	0.00	28.80
482	0.340	25.50	0.00	28.69	18.98	6.04	62.92	65.78	0.00	0.00	0.00	0.00	0.00	143.10	0.00	0.00	28.76
483	0.330	25.50	0.00	28.69	18.98	6.11	62.79	65.61	0.00	0.00	0.00	0.00	0.00	140.95	0.00	0.00	28.73
484	0.320	25.50	0.00	28.69	18.98	6.17	62.66	65.44	0.00	0.00	0.00	0.00	0.00	138.80	0.00	0.00	28.69
485	0.310	25.50	0.00	28.69	18.98	6.23	62.53	65.27	0.00	0.00	0.00	0.00	0.00	136.65	0.00	0.00	28.66
486	0.300	25.50	0.00	28.69	18.98	6.28	62.41	65.10	0.00	0.00	0.00	0.00	0.00	134.50	0.00	0.00	28.62
487	0.290	25.50	0.00	28.69	18.98	6.33	62.28	64.93	0.00	0.00	0.00	0.00	0.00	132.35	0.00	0.00	28.59
488	0.280	25.50	0.00	28.69	18.98	6.38	62.15	64.76	0.00	0.00	0.00	0.00	0.00	130.20	0.00	0.00	28.55
489	0.270	25.50	0.00	28.69	18.98	6.42	62.02	64.59	0.00	0.00	0.00	0.00	0.00	128.05	0.00	0.00	28.51
490	0.260	25.50	0.00	28.69	18.98	6.46	61.90	64.42	0.00	0.00	0.00	0.00	0.00	125.90	0.00	0.00	28.48
491	0.250	25.50	0.00	28.69	18.98	6.50	61.77	64.25	0.00	0.00	0.00	0.00	0.00	123.75	0.00	0.00	28.44
492	0.240	25.50	0.00	28.69	18.98	6.53	61.64	64.08	0.00	0.00	0.00	0.00	0.00	121.60	0.00	0.00	28.41
493	0.230	25.50	0.00	28.69	18.98	6.56	61.52	63.91	0.00	0.00	0.00	0.00	0.00	119.45	0.00	0.00	28.37
494	0.220	25.50	0.00	28.69	18.98	6.58	61.39	63.74	0.00	0.00	0.00	0.00	0.00	117.30	0.00	0.00	28.34
495	0.210	25.50	0.00	28.69	18.98	6.60	61.27	63.57	0.00	0.00	0.00	0.00	0.00	115.15	0.00	0.00	28.30
496	0.200	25.50	0.00	28.69	18.98	6.63	61.14	63.40	0.00	0.00	0.00	0.00	0.00	113.00	0.00	0.00	28.27
497	0.190	25.50	0.00	28.69	18.98	6.64	61.02	63.23	0.00	0.00	0.00	0.00	0.00	110.85	0.00	0.00	28.23
498	0.180	25.50	0.00	28.69	18.98	6.66	60.89	63.06	0.00	0.00	0.00	0.00	0.00	108.70	0.00	0.00	28.20
499	0.170	25.50	0.00	28.69	18.98	6.67	60.77	62.90	0.00	0.00	0.00	0.00	0.00	106.55	0.00	0.00	28.16
500	0.160	25.50	0.00	28.69	18.98	6.68	60.64	62.73	0.00	0.00	0.00	0.00	0.00	104.40	0.00	0.00	28.13
501	0.150	25.50	0.00	28.69	18.98	6.69	60.52	62.56	0.00	0.00	0.00	0.00	0.00	102.25	0.00	0.00	28.09
502	0.140	25.50	0.00	28.69	18.98	6.70	60.39	62.40	0.00	0.00	0.00	0.00	0.00	100.10	0.00	0.00	28.06
503	0.130	25.50	0.00	28.69	18.98	6.70	60.27	62.23	0.00	0.00	0.00	0.00	0.00	97.95	0.00	0.00	28.02
504	0.120	25.50	0.00	28.69	18.98	6.71	60.15	62.06	0.00	0.00	0.00	0.00	0.00	95.80	0.00	0.00	27.99
505	0.110	25.50	0.00	28.69	18.98	6.71	60.02	61.90	0.00	0.00	0.00	0.00	0.00	93.65	0.00	0.00	27.95
506	0.100	25.50	0.00	28.69	18.98	6.71	59.90	61.73	0.00	0.00	0.00	0.00	0.00	91.50	0.00	0.00	27.92
507	0.090	25.50	0.00	28.69	18.98	6.71	59.78	61.56	0.00	0.00	0.00	0.00	0.00	89.35	0.00	0.00	27.89
508	0.080	25.50	0.00	28.69	18.98	6.71	59.66	61.40	0.00	0.00	0.00	0.00	0.00	87.20	0.00	0.00	27.85
509	0.070	25.50	0.00	28.69	18.98	6.70	59.53	61.23	0.00	0.00	0.00	0.00	0.00	85.05	0.00	0.00	27.82
510	0.060	25.50	0.00	28.69	18.98	6.70	59.41	61.07	0.00	0.00	0.00	0.00	0.00	82.90	0.00	0.00	27.78
511	0.050	25.50	0.00	28.69	18.98	6.69	59.29	60.90	0.00	0.00	0.00	0.00	0.00	80.75	0.00	0.00	27.75
512	0.040	25.50	0.00	28.69	18.98	6.68	59.17	60.74	0.00	0.00	0.00	0.00	0.00	78.60	0.00	0.00	27.71
513	0.030	25.50	0.00	28.69	18.98	6.67	59.05	60.58	0.00	0.00	0.00	0.00	0.00	76.45	0.00	0.00	27.68
514	0.020	25.50	0.00	28.69	18.98	6.66	58.92	60.41	0.00	0.00	0.00	0.00	0.00	74.30	0.00	0.00	27.64
515	0.010	25.50	0.00	28.68	18.97	6.66	58.57	60.01	0.00	0.00	0.00	0.00	0.00	72.15	0.00	0.00	27.55
516	0.000	25.50	0.00	28.29	18.48	6.99	46.05	47.45	0.00	0.00	0.00	0.00	0.00	70.00	0.00	0.00	24.32

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH GATE DITCH

BAYOU CHAUVIN CALIBRATION

TRAVEL TIME = 0.29 DAYS  
 MAXIMUM EFFLUENT = 80.92 PERCENT  
 FLOW = 0.00148 TO 0.00148 cms

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

DISPERSION = 0.0046 TO 0.0046 sq m/s  
 VELOCITY = 0.02417 TO 0.02417 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m  
  
 BOD DECAY = 0.21 TO 0.26 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 1.07 TO 1.47 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 11.14 TO 11.14 per day  
 BOD SETTLING = 0.17 TO 0.17 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
  
 TEMPERATURE = 25.50 TO 25.50 deg C  
 DISSOLVED OXYGEN = 1.66 TO 6.99 mg/L

FINAL REPORT NORTHSIDE DITCH BAYOU CHAUVIN CALIBRATION  
 REACH NO. 17 N SIDE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
557	HDWTR	0.00028	24.20	0.00	10.00	7.00	5.00	0.00	3.00	0.00	0.00	0.00	0.00	893.00	0.00	3.00
557	WSTLD	0.00160	22.40	0.00	40.00	16.10	17.60	128.00	128.00	0.00	0.00	0.00	0.00	0.00	0.00	69.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
557	0.70	0.69	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
558	0.69	0.68	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
559	0.68	0.67	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
560	0.67	0.66	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
561	0.66	0.65	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
562	0.65	0.64	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
563	0.64	0.63	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
564	0.63	0.62	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
565	0.62	0.61	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
566	0.61	0.60	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
567	0.60	0.59	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
568	0.59	0.58	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
569	0.58	0.57	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
570	0.57	0.56	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031



622	0.05	0.04	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
623	0.04	0.03	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
624	0.03	0.02	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
625	0.02	0.01	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
626	0.01	0.00	0.00188	84.97	0.03068	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.006	0.031
TOT										42.96		427.00			
AVG					0.03068			0.10	0.61					0.06	
CUM								0.26							

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
557	0.690	8.39	11.88	0.24	0.17	0.00	0.00	2.47	2.47	0.00	0.00	0.00	0.00	0.00	0.00149.60	0.00	0.00	0.13	0.11	
558	0.680	8.39	11.88	0.24	0.17	0.00	0.00	2.46	2.46	0.00	0.00	0.00	0.00	0.00	0.00147.58	0.00	0.00	0.13	0.11	
559	0.670	8.39	11.88	0.24	0.17	0.00	0.00	2.46	2.46	0.00	0.00	0.00	0.00	0.00	0.00145.56	0.00	0.00	0.13	0.11	
560	0.660	8.39	11.88	0.24	0.17	0.00	0.00	2.46	2.46	0.00	0.00	0.00	0.00	0.00	0.00143.54	0.00	0.00	0.13	0.11	
561	0.650	8.39	11.88	0.24	0.17	0.00	0.00	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00141.52	0.00	0.00	0.13	0.11	
562	0.640	8.39	11.88	0.24	0.17	0.00	0.00	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00139.50	0.00	0.00	0.13	0.11	
563	0.630	8.39	11.88	0.24	0.17	0.00	0.00	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00137.48	0.00	0.00	0.13	0.11	
564	0.620	8.39	11.88	0.24	0.17	0.00	0.00	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00135.46	0.00	0.00	0.13	0.11	
565	0.610	8.39	11.88	0.24	0.17	0.00	0.00	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00133.44	0.00	0.00	0.13	0.11	
566	0.600	8.39	11.88	0.24	0.17	0.00	0.00	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00131.42	0.00	0.00	0.13	0.11	
567	0.590	8.39	11.88	0.24	0.17	0.00	0.00	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00129.39	0.00	0.00	0.13	0.11	
568	0.580	8.39	11.88	0.24	0.17	0.00	0.00	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00127.37	0.00	0.00	0.13	0.11	
569	0.570	8.39	11.88	0.24	0.17	0.00	0.00	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00125.35	0.00	0.00	0.13	0.11	
570	0.560	8.39	11.88	0.24	0.17	0.00	0.00	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00123.33	0.00	0.00	0.13	0.11	
571	0.550	8.39	11.88	0.24	0.17	0.00	0.00	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00121.31	0.00	0.00	0.13	0.11	
572	0.540	8.39	11.88	0.24	0.17	0.00	0.00	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00119.29	0.00	0.00	0.13	0.11	
573	0.530	8.39	11.88	0.24	0.17	0.00	0.00	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00117.27	0.00	0.00	0.13	0.11	
574	0.520	8.39	11.88	0.24	0.17	0.00	0.00	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00115.25	0.00	0.00	0.13	0.11	
575	0.510	8.39	11.88	0.24	0.17	0.00	0.00	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00113.23	0.00	0.00	0.13	0.11	
576	0.500	8.39	11.88	0.24	0.17	0.00	0.00	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00111.21	0.00	0.00	0.13	0.11	
577	0.490	8.39	11.88	0.24	0.17	0.00	0.00	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00109.19	0.00	0.00	0.13	0.11	
578	0.480	8.39	11.88	0.24	0.17	0.00	0.00	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00107.17	0.00	0.00	0.13	0.11	
579	0.470	8.39	11.88	0.24	0.17	0.00	0.00	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00105.15	0.00	0.00	0.13	0.11	
580	0.460	8.39	11.88	0.24	0.17	0.00	0.00	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00103.13	0.00	0.00	0.13	0.11	
581	0.450	8.39	11.88	0.24	0.17	0.00	0.00	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00101.11	0.00	0.00	0.13	0.11	
582	0.440	8.39	11.88	0.24	0.17	0.00	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	0.00 99.09	0.00	0.00	0.13	0.11	
583	0.430	8.39	11.88	0.24	0.17	0.00	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	0.00 97.07	0.00	0.00	0.13	0.11	
584	0.420	8.39	11.88	0.24	0.17	0.00	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	0.00 95.05	0.00	0.00	0.13	0.11	
585	0.410	8.39	11.88	0.24	0.17	0.00	0.00	2.37	2.37	0.00	0.00	0.00	0.00	0.00	0.00 93.03	0.00	0.00	0.13	0.11	
586	0.400	8.39	11.88	0.24	0.17	0.00	0.00	2.37	2.37	0.00	0.00	0.00	0.00	0.00	0.00 91.01	0.00	0.00	0.13	0.11	
587	0.390	8.39	11.88	0.24	0.17	0.00	0.00	2.37	2.37	0.00	0.00	0.00	0.00	0.00	0.00 88.99	0.00	0.00	0.13	0.11	
588	0.380	8.39	11.88	0.24	0.17	0.00	0.00	2.36	2.36	0.00	0.00	0.00	0.00	0.00	0.00 86.96	0.00	0.00	0.13	0.11	
589	0.370	8.39	11.88	0.24	0.17	0.00	0.00	2.36	2.36	0.00	0.00	0.00	0.00	0.00	0.00 84.94	0.00	0.00	0.13	0.11	
590	0.360	8.39	11.88	0.24	0.17	0.00	0.00	2.36	2.36	0.00	0.00	0.00	0.00	0.00	0.00 82.92	0.00	0.00	0.13	0.11	

591	0.350	8.39	11.88	0.24	0.17	0.00	0.00	2.35	2.35	0.00	0.00	0.00	0.00	0.00	0.00	80.90	0.00	0.00	0.13	0.11
592	0.340	8.39	11.88	0.24	0.17	0.00	0.00	2.35	2.35	0.00	0.00	0.00	0.00	0.00	0.00	78.88	0.00	0.00	0.13	0.11
593	0.330	8.39	11.88	0.24	0.17	0.00	0.00	2.35	2.35	0.00	0.00	0.00	0.00	0.00	0.00	76.86	0.00	0.00	0.13	0.11
594	0.320	8.39	11.88	0.24	0.17	0.00	0.00	2.34	2.34	0.00	0.00	0.00	0.00	0.00	0.00	74.84	0.00	0.00	0.13	0.11
595	0.310	8.39	11.88	0.24	0.17	0.00	0.00	2.34	2.34	0.00	0.00	0.00	0.00	0.00	0.00	72.82	0.00	0.00	0.13	0.11
596	0.300	8.39	11.88	0.24	0.17	0.00	0.00	2.34	2.34	0.00	0.00	0.00	0.00	0.00	0.00	70.80	0.00	0.00	0.13	0.11
597	0.290	8.39	11.88	0.24	0.17	0.00	0.00	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	68.78	0.00	0.00	0.13	0.11
598	0.280	8.39	11.88	0.24	0.17	0.00	0.00	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	66.76	0.00	0.00	0.13	0.11
599	0.270	8.39	11.88	0.24	0.17	0.00	0.00	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	64.74	0.00	0.00	0.13	0.11
600	0.260	8.39	11.88	0.24	0.17	0.00	0.00	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	62.72	0.00	0.00	0.13	0.11
601	0.250	8.39	11.88	0.24	0.17	0.00	0.00	2.32	2.32	0.00	0.00	0.00	0.00	0.00	0.00	60.70	0.00	0.00	0.13	0.11
602	0.240	8.39	11.88	0.24	0.17	0.00	0.00	2.32	2.32	0.00	0.00	0.00	0.00	0.00	0.00	58.68	0.00	0.00	0.13	0.11
603	0.230	8.39	11.88	0.24	0.17	0.00	0.00	2.32	2.32	0.00	0.00	0.00	0.00	0.00	0.00	56.66	0.00	0.00	0.13	0.11
604	0.220	8.39	11.88	0.24	0.17	0.00	0.00	2.31	2.31	0.00	0.00	0.00	0.00	0.00	0.00	54.64	0.00	0.00	0.13	0.11
605	0.210	8.39	11.88	0.24	0.17	0.00	0.00	2.31	2.31	0.00	0.00	0.00	0.00	0.00	0.00	52.62	0.00	0.00	0.13	0.11
606	0.200	8.39	11.88	0.24	0.17	0.00	0.00	2.31	2.31	0.00	0.00	0.00	0.00	0.00	0.00	50.60	0.00	0.00	0.13	0.11
607	0.190	8.39	11.88	0.24	0.17	0.00	0.00	2.30	2.30	0.00	0.00	0.00	0.00	0.00	0.00	48.58	0.00	0.00	0.13	0.11
608	0.180	8.39	11.88	0.24	0.17	0.00	0.00	2.30	2.30	0.00	0.00	0.00	0.00	0.00	0.00	46.56	0.00	0.00	0.13	0.11
609	0.170	8.39	11.88	0.24	0.17	0.00	0.00	2.30	2.30	0.00	0.00	0.00	0.00	0.00	0.00	44.54	0.00	0.00	0.13	0.11
610	0.160	8.39	11.88	0.24	0.17	0.00	0.00	2.29	2.29	0.00	0.00	0.00	0.00	0.00	0.00	42.51	0.00	0.00	0.13	0.11
611	0.150	8.39	11.88	0.24	0.17	0.00	0.00	2.29	2.29	0.00	0.00	0.00	0.00	0.00	0.00	40.49	0.00	0.00	0.13	0.11
612	0.140	8.39	11.88	0.24	0.17	0.00	0.00	2.29	2.29	0.00	0.00	0.00	0.00	0.00	0.00	38.47	0.00	0.00	0.13	0.11
613	0.130	8.39	11.88	0.24	0.17	0.00	0.00	2.28	2.28	0.00	0.00	0.00	0.00	0.00	0.00	36.45	0.00	0.00	0.13	0.11
614	0.120	8.39	11.88	0.24	0.17	0.00	0.00	2.28	2.28	0.00	0.00	0.00	0.00	0.00	0.00	34.43	0.00	0.00	0.13	0.11
615	0.110	8.39	11.88	0.24	0.17	0.00	0.00	2.28	2.28	0.00	0.00	0.00	0.00	0.00	0.00	32.41	0.00	0.00	0.13	0.11
616	0.100	8.39	11.88	0.24	0.17	0.00	0.00	2.27	2.27	0.00	0.00	0.00	0.00	0.00	0.00	30.39	0.00	0.00	0.13	0.11
617	0.090	8.39	11.88	0.24	0.17	0.00	0.00	2.27	2.27	0.00	0.00	0.00	0.00	0.00	0.00	28.37	0.00	0.00	0.13	0.11
618	0.080	8.39	11.88	0.24	0.17	0.00	0.00	2.27	2.27	0.00	0.00	0.00	0.00	0.00	0.00	26.35	0.00	0.00	0.13	0.11
619	0.070	8.39	11.88	0.24	0.17	0.00	0.00	2.27	2.27	0.00	0.00	0.00	0.00	0.00	0.00	24.33	0.00	0.00	0.13	0.11
620	0.060	8.39	11.88	0.24	0.17	0.00	0.00	2.26	2.26	0.00	0.00	0.00	0.00	0.00	0.00	22.31	0.00	0.00	0.13	0.11
621	0.050	8.39	11.88	0.24	0.17	0.00	0.00	2.26	2.26	0.00	0.00	0.00	0.00	0.00	0.00	20.29	0.00	0.00	0.13	0.11
622	0.040	8.39	11.88	0.24	0.17	0.00	0.00	2.26	2.26	0.00	0.00	0.00	0.00	0.00	0.00	18.27	0.00	0.00	0.13	0.11
623	0.030	8.39	11.88	0.24	0.17	0.00	0.00	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00	16.25	0.00	0.00	0.13	0.11
624	0.020	8.39	11.88	0.24	0.17	0.00	0.00	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00	14.23	0.00	0.00	0.13	0.11
625	0.010	8.39	11.88	0.24	0.17	0.00	0.00	2.24	2.24	0.00	0.00	0.00	0.00	0.00	0.00	12.21	0.00	0.00	0.13	0.11
626	0.000	8.39	11.88	0.24	0.17	0.00	0.00	1.67	1.67	0.00	0.00	0.00	0.00	0.00	0.00	10.19	0.00	0.00	0.13	0.11
20 DEG C RATE				0.20		0.00	0.00			0.00		0.00	0.00	0.00	0.00				0.00	0.10
AVG 20 DEG C RATE			10.96		0.15						0.00									0.10

\* g/sq m/d                    \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
557	0.690	24.20	0.00	35.49	14.73	15.72	108.59	126.21	0.00	0.00	0.00	0.00	0.00	881.10	0.00	0.00	59.03
558	0.680	24.20	0.00	35.49	14.73	15.73	108.43	125.81	0.00	0.00	0.00	0.00	0.00	869.20	0.00	0.00	58.97
559	0.670	24.20	0.00	35.49	14.73	15.73	108.26	125.40	0.00	0.00	0.00	0.00	0.00	857.30	0.00	0.00	58.92

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

560	0.660	24.20	0.00	35.49	14.73	15.72	108.09	125.00	0.00	0.00	0.00	0.00	0.00	845.40	0.00	0.00	58.86
561	0.650	24.20	0.00	35.49	14.73	15.70	107.93	124.60	0.00	0.00	0.00	0.00	0.00	833.50	0.00	0.00	58.81
562	0.640	24.20	0.00	35.49	14.73	15.68	107.76	124.19	0.00	0.00	0.00	0.00	0.00	821.60	0.00	0.00	58.76
563	0.630	24.20	0.00	35.49	14.73	15.66	107.59	123.79	0.00	0.00	0.00	0.00	0.00	809.70	0.00	0.00	58.70
564	0.620	24.20	0.00	35.49	14.73	15.62	107.43	123.38	0.00	0.00	0.00	0.00	0.00	797.80	0.00	0.00	58.65
565	0.610	24.20	0.00	35.49	14.73	15.59	107.26	122.98	0.00	0.00	0.00	0.00	0.00	785.90	0.00	0.00	58.59
566	0.600	24.20	0.00	35.49	14.73	15.54	107.10	122.58	0.00	0.00	0.00	0.00	0.00	774.00	0.00	0.00	58.54
567	0.590	24.20	0.00	35.49	14.73	15.49	106.93	122.18	0.00	0.00	0.00	0.00	0.00	762.10	0.00	0.00	58.49
568	0.580	24.20	0.00	35.49	14.73	15.44	106.77	121.77	0.00	0.00	0.00	0.00	0.00	750.20	0.00	0.00	58.43
569	0.570	24.20	0.00	35.49	14.73	15.38	106.61	121.37	0.00	0.00	0.00	0.00	0.00	738.30	0.00	0.00	58.38
570	0.560	24.20	0.00	35.49	14.73	15.32	106.44	120.97	0.00	0.00	0.00	0.00	0.00	726.40	0.00	0.00	58.33
571	0.550	24.20	0.00	35.49	14.73	15.25	106.28	120.57	0.00	0.00	0.00	0.00	0.00	714.50	0.00	0.00	58.27
572	0.540	24.20	0.00	35.49	14.73	15.18	106.11	120.17	0.00	0.00	0.00	0.00	0.00	702.60	0.00	0.00	58.22
573	0.530	24.20	0.00	35.49	14.73	15.10	105.95	119.77	0.00	0.00	0.00	0.00	0.00	690.70	0.00	0.00	58.17
574	0.520	24.20	0.00	35.49	14.73	15.02	105.79	119.36	0.00	0.00	0.00	0.00	0.00	678.80	0.00	0.00	58.11
575	0.510	24.20	0.00	35.49	14.73	14.94	105.63	118.96	0.00	0.00	0.00	0.00	0.00	666.90	0.00	0.00	58.06
576	0.500	24.20	0.00	35.49	14.73	14.86	105.46	118.56	0.00	0.00	0.00	0.00	0.00	655.00	0.00	0.00	58.01
577	0.490	24.20	0.00	35.49	14.73	14.77	105.30	118.16	0.00	0.00	0.00	0.00	0.00	643.10	0.00	0.00	57.95
578	0.480	24.20	0.00	35.49	14.73	14.67	105.14	117.76	0.00	0.00	0.00	0.00	0.00	631.20	0.00	0.00	57.90
579	0.470	24.20	0.00	35.49	14.73	14.58	104.98	117.36	0.00	0.00	0.00	0.00	0.00	619.30	0.00	0.00	57.85
580	0.460	24.20	0.00	35.49	14.73	14.48	104.82	116.96	0.00	0.00	0.00	0.00	0.00	607.40	0.00	0.00	57.79
581	0.450	24.20	0.00	35.49	14.73	14.38	104.66	116.57	0.00	0.00	0.00	0.00	0.00	595.50	0.00	0.00	57.74
582	0.440	24.20	0.00	35.49	14.73	14.27	104.49	116.17	0.00	0.00	0.00	0.00	0.00	583.60	0.00	0.00	57.69
583	0.430	24.20	0.00	35.49	14.73	14.17	104.33	115.77	0.00	0.00	0.00	0.00	0.00	571.70	0.00	0.00	57.63
584	0.420	24.20	0.00	35.49	14.73	14.06	104.17	115.37	0.00	0.00	0.00	0.00	0.00	559.80	0.00	0.00	57.58
585	0.410	24.20	0.00	35.49	14.73	13.95	104.01	114.97	0.00	0.00	0.00	0.00	0.00	547.90	0.00	0.00	57.53
586	0.400	24.20	0.00	35.49	14.73	13.83	103.85	114.57	0.00	0.00	0.00	0.00	0.00	536.00	0.00	0.00	57.48
587	0.390	24.20	0.00	35.49	14.73	13.72	103.69	114.18	0.00	0.00	0.00	0.00	0.00	524.10	0.00	0.00	57.42
588	0.380	24.20	0.00	35.49	14.73	13.60	103.53	113.78	0.00	0.00	0.00	0.00	0.00	512.20	0.00	0.00	57.37
589	0.370	24.20	0.00	35.49	14.73	13.48	103.37	113.38	0.00	0.00	0.00	0.00	0.00	500.30	0.00	0.00	57.32
590	0.360	24.20	0.00	35.49	14.73	13.36	103.22	112.98	0.00	0.00	0.00	0.00	0.00	488.40	0.00	0.00	57.27
591	0.350	24.20	0.00	35.49	14.73	13.24	103.06	112.59	0.00	0.00	0.00	0.00	0.00	476.50	0.00	0.00	57.21
592	0.340	24.20	0.00	35.49	14.73	13.11	102.90	112.19	0.00	0.00	0.00	0.00	0.00	464.60	0.00	0.00	57.16
593	0.330	24.20	0.00	35.49	14.73	12.98	102.74	111.79	0.00	0.00	0.00	0.00	0.00	452.70	0.00	0.00	57.11
594	0.320	24.20	0.00	35.49	14.73	12.86	102.58	111.40	0.00	0.00	0.00	0.00	0.00	440.80	0.00	0.00	57.06
595	0.310	24.20	0.00	35.49	14.73	12.73	102.42	111.00	0.00	0.00	0.00	0.00	0.00	428.90	0.00	0.00	57.00
596	0.300	24.20	0.00	35.49	14.73	12.59	102.27	110.61	0.00	0.00	0.00	0.00	0.00	417.00	0.00	0.00	56.95
597	0.290	24.20	0.00	35.49	14.73	12.46	102.11	110.21	0.00	0.00	0.00	0.00	0.00	405.10	0.00	0.00	56.90
598	0.280	24.20	0.00	35.49	14.73	12.33	101.95	109.82	0.00	0.00	0.00	0.00	0.00	393.20	0.00	0.00	56.85
599	0.270	24.20	0.00	35.49	14.73	12.19	101.80	109.42	0.00	0.00	0.00	0.00	0.00	381.30	0.00	0.00	56.79
600	0.260	24.20	0.00	35.49	14.73	12.06	101.64	109.03	0.00	0.00	0.00	0.00	0.00	369.40	0.00	0.00	56.74
601	0.250	24.20	0.00	35.49	14.73	11.92	101.48	108.63	0.00	0.00	0.00	0.00	0.00	357.50	0.00	0.00	56.69
602	0.240	24.20	0.00	35.49	14.73	11.78	101.33	108.24	0.00	0.00	0.00	0.00	0.00	345.60	0.00	0.00	56.64
603	0.230	24.20	0.00	35.49	14.73	11.64	101.17	107.85	0.00	0.00	0.00	0.00	0.00	333.70	0.00	0.00	56.59
604	0.220	24.20	0.00	35.49	14.73	11.50	101.02	107.45	0.00	0.00	0.00	0.00	0.00	321.80	0.00	0.00	56.53
605	0.210	24.20	0.00	35.49	14.73	11.36	100.86	107.06	0.00	0.00	0.00	0.00	0.00	309.90	0.00	0.00	56.48
606	0.200	24.20	0.00	35.49	14.73	11.21	100.71	106.67	0.00	0.00	0.00	0.00	0.00	298.00	0.00	0.00	56.43
607	0.190	24.20	0.00	35.49	14.73	11.07	100.55	106.27	0.00	0.00	0.00	0.00	0.00	286.10	0.00	0.00	56.38
608	0.180	24.20	0.00	35.49	14.73	10.93	100.40	105.88	0.00	0.00	0.00	0.00	0.00	274.20	0.00	0.00	56.33
609	0.170	24.20	0.00	35.49	14.73	10.78	100.24	105.49	0.00	0.00	0.00	0.00	0.00	262.30	0.00	0.00	56.28
610	0.160	24.20	0.00	35.49	14.73	10.63	100.09	105.10	0.00	0.00	0.00	0.00	0.00	250.40	0.00	0.00	56.22

611	0.150	24.20	0.00	35.49	14.73	10.49	99.93	104.70	0.00	0.00	0.00	0.00	0.00	238.50	0.00	0.00	56.17
612	0.140	24.20	0.00	35.49	14.73	10.34	99.78	104.31	0.00	0.00	0.00	0.00	0.00	226.60	0.00	0.00	56.12
613	0.130	24.20	0.00	35.49	14.73	10.19	99.63	103.92	0.00	0.00	0.00	0.00	0.00	214.70	0.00	0.00	56.07
614	0.120	24.20	0.00	35.49	14.73	10.04	99.47	103.53	0.00	0.00	0.00	0.00	0.00	202.80	0.00	0.00	56.02
615	0.110	24.20	0.00	35.49	14.73	9.89	99.32	103.14	0.00	0.00	0.00	0.00	0.00	190.90	0.00	0.00	55.97
616	0.100	24.20	0.00	35.49	14.73	9.74	99.17	102.75	0.00	0.00	0.00	0.00	0.00	179.00	0.00	0.00	55.92
617	0.090	24.20	0.00	35.49	14.73	9.59	99.02	102.36	0.00	0.00	0.00	0.00	0.00	167.10	0.00	0.00	55.86
618	0.080	24.20	0.00	35.49	14.73	9.44	98.86	101.97	0.00	0.00	0.00	0.00	0.00	155.20	0.00	0.00	55.81
619	0.070	24.20	0.00	35.49	14.73	9.29	98.71	101.58	0.00	0.00	0.00	0.00	0.00	143.30	0.00	0.00	55.76
620	0.060	24.20	0.00	35.49	14.73	9.14	98.56	101.19	0.00	0.00	0.00	0.00	0.00	131.40	0.00	0.00	55.71
621	0.050	24.20	0.00	35.49	14.73	8.98	98.41	100.80	0.00	0.00	0.00	0.00	0.00	119.50	0.00	0.00	55.66
622	0.040	24.20	0.00	35.49	14.73	8.83	98.26	100.41	0.00	0.00	0.00	0.00	0.00	107.60	0.00	0.00	55.61
623	0.030	24.20	0.00	35.49	14.73	8.68	98.11	100.02	0.00	0.00	0.00	0.00	0.00	95.70	0.00	0.00	55.56
624	0.020	24.20	0.00	35.49	14.73	8.52	97.95	99.62	0.00	0.00	0.00	0.00	0.00	83.80	0.00	0.00	55.50
625	0.010	24.20	0.00	35.44	14.75	8.37	97.32	98.76	0.00	0.00	0.00	0.00	0.00	71.90	0.00	0.00	55.22
626	0.000	24.20	0.00	32.82	15.68	8.09	71.73	72.93	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	42.59

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

STREAM SUMMARY  
 NORTHSIDE DITCH

BAYOU CHAUVIN CALIBRATION

TRAVEL TIME = 0.26 DAYS  
 MAXIMUM EFFLUENT = 84.97 PERCENT  
 FLOW = 0.00188 TO 0.00188 cms  
 DISPERSION = 0.0059 TO 0.0059 sq m/s  
 VELOCITY = 0.03068 TO 0.03068 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m  
 BOD DECAY = 0.24 TO 0.24 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 1.67 TO 2.47 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 11.88 TO 11.88 per day  
 BOD SETTLING = 0.17 TO 0.17 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
 TEMPERATURE = 24.20 TO 24.20 deg C  
 DISSOLVED OXYGEN = 8.09 TO 15.73 mg/L

.....EXECUTION COMPLETED

APPENDIX L – SUMMER PROJECTION OUTPUT

LA-QUAL Version 4.13  
 Louisiana Department of Environmental Quality

Input file is D:\Chauvin\1994-Model\Project\ChauvinSumProj\_Final.txt  
 Output produced at 07:45 on 07/20/2001

\$\$\$ DATA TYPE 1 (TITLES AND CONTROL CARDS) \$\$\$

CARD TYPE	CONTROL TITLES	
TITLE01	BAYOU CHAUVIN PROJECTION	
TITLE02		
CNTR0L11	NO	SEQUENCING OUTPUT
CNTR0L12	YES	METRIC UNITS
CNTR0L13	YES	OXYGEN DEPENDENT RATES
ENDATA01		

\$\$\$ DATA TYPE 2 (MODEL OPTIONS) \$\$\$

CARD TYPE	MODEL OPTION		
MODOPT01	NO	TEMPERATURE	
MODOPT02	NO	SALINITY	
MODOPT03	NO	CONSERVATIVE MATERIAL I = CHLORIDES	IN MG/L
MODOPT04	NO	CONSERVATIVE MATERIAL II = SULFATES	IN MG/L
MODOPT05	YES	DISSOLVED OXYGEN	
MODOPT06	YES	BIOCHEMICAL OXYGEN DEMAND	
MODOPT07	NO	NITROGEN	
MODOPT08	NO	PHOSPHORUS	
MODOPT09	NO	CHLOROPHYLL A	
MODOPT10	NO	MACROPHYTES	
MODOPT11	NO	COLIFORM	
MODOPT12	YES	NONCONSERVATIVE MATERIAL = NBOD	IN MG/L
ENDATA02			

\$\$\$ DATA TYPE 3 (PROGRAM CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
PROGRAM	MAXIMUM ITERATION LIMIT	= 200.00000
PROGRAM	NCM OXYGEN UPTAKE RATE	= 1.00000
PROGRAM	KL MINIMUM	= 0.70000
PROGRAM	OCEAN EXCHANGE RATIO	= 0.00000
PROGRAM	K2 MAXIMUM	= 25.00000
PROGRAM	ALGAE OXYGEN PROD	= 0.14000
PROGRAM	SETTLING RATE UNITS	= 2.00000
PROGRAM	HYDROLOGIC CALCULATION METHOD	= 2.00000
PROGRAM	BENTHAL MAXIMUM RATE	= 10.00000
PROGRAM	EFFECTIVE BOD DUE TO ALGAE	= 0.02000

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

PROGRAM                   DISPERSION EQUATION                   =                   1.00000  
 ENDATA03

\$\$\$ DATA TYPE 4 (TEMPERATURE CORRECTION CONSTANTS FOR RATE COEFFICIENTS) \$\$\$

CARD TYPE	RATE CODE	THETA VALUE
THETA	BENTHAL	1.06500
THETA	NCM DECA	1.07000

ENDATA04

\$\$\$ CONSTANTS TYPE 5 (TEMPERATURE DATA) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA05		

\$\$\$ DATA TYPE 6 (ALGAE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ALGAE	O PRODUCTION DUE TO GROWTH	1.60000
ALGAE	O UPTAKE DUE TO RESPIRATION	2.00000

ENDATA06

\$\$\$ DATA TYPE 7 (MACROPHYTE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA07		

\$\$\$ DATA TYPE 8 (REACH IDENTIFICATION DATA) \$\$\$

CARD TYPE	REACH	ID	NAME	BEGIN REACH km	END REACH km	ELEM LENGTH km	REACH LENGTH km	ELEMS PER RCH	BEGIN ELEM NUM	END ELEM NUM
REACH ID	1	BC	HWY 139 TO LAKEWOOD DR	10.90	TO 10.18	0.0200	0.72	36	1	36
REACH ID	2	BC	LAKEWOOD DR TO BAYOU OAKS DITCH	10.18	TO 9.98	0.0200	0.20	10	37	46
REACH ID	3	BO	BAYOU OAKS POND TO BAYOU CHAUVIN	0.08	TO 0.00	0.0100	0.08	8	47	54
REACH ID	4	BC	BAYOU OAKS DITCH TO JOE WHITE RD	9.98	TO 9.70	0.0200	0.28	14	55	68
REACH ID	5	BC	J WHITE RD TO CONTROL STRUCTURE	9.70	TO 9.22	0.0200	0.48	24	69	92
REACH ID	6	BC	CONT STRUCT TO OAKWOOD POND #2	9.22	TO 6.20	0.0200	3.02	151	93	243
REACH ID	7	BC	OAKWOOD #2 TO OLD STERLINGTON RD	6.20	TO 5.44	0.0200	0.76	38	244	281
REACH ID	8	BC	OLD ST RD TO WEST ELMWOOD DITCH	5.44	TO 5.24	0.0200	0.20	10	282	291
REACH ID	9	WE	W ELMWOOD POND TO BAYOU CHAUVIN	0.36	TO 0.00	0.0100	0.36	36	292	327
REACH ID	10	BC	W ELMWOOD DITCH TO ALM RR	5.24	TO 4.68	0.0200	0.56	28	328	355
REACH ID	11	WE	ALM RR TO NORTH MONROE DITCH	4.68	TO 4.36	0.0200	0.32	16	356	371
REACH ID	12	NM	N MONROE SD #1 POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	372	431
REACH ID	13	BC	N MONROE DITCH TO HWY 165	4.36	TO 4.12	0.0200	0.24	12	432	443
REACH ID	14	BC	HWY 165 TO NORTH GATE DITCH	4.12	TO 3.86	0.0200	0.26	13	444	456
REACH ID	15	NG	N GATE ESTATES POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	457	516

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

REACH ID	16	BC	N GATE DITCH TO NORTHSIDE DITCH	3.86	TO	3.06	0.0200	0.80	40	517	556
REACH ID	17	NS	N SIDE ESTATES POND TO B CHAUVIN	0.70	TO	0.00	0.0100	0.70	70	557	626
REACH ID	18	BC	N SIDE DITCH TO OUACHITA R LEVEE	3.06	TO	0.00	0.0200	3.06	153	627	779

ENDATA08

\$\$\$ DATA TYPE 9 (ADVECTIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	WIDTH "A"	WIDTH "B"	WIDTH "C"	DEPTH "D"	DEPTH "E"	DEPTH "F"	SLOPE	MANNINGS "N"
HYDR-1	1	BC	0.000	0.000	7.925	0.000	0.000	0.229	0.00000	0.070
HYDR-1	2	BC	0.000	0.000	10.363	0.000	0.000	0.229	0.00000	0.070
HYDR-1	3	BO	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	4	BC	0.000	0.000	12.802	0.000	0.000	0.229	0.00000	0.070
HYDR-1	5	BC	0.000	0.000	10.973	0.000	0.000	0.229	0.00000	0.070
HYDR-1	6	BC	0.000	0.000	9.449	0.000	0.000	0.408	0.00000	0.070
HYDR-1	7	BC	0.000	0.000	10.973	0.000	0.000	0.360	0.00000	0.070
HYDR-1	8	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	9	WE	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	10	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	11	WE	0.000	0.000	12.192	0.000	0.000	0.274	0.00000	0.070
HYDR-1	12	NM	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	13	BC	0.000	0.000	15.240	0.000	0.000	0.274	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 14										
HYDR-1	14	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	15	NG	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 16										
HYDR-1	16	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	17	NS	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 18										
HYDR-1	18	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070

ENDATA09

\$\$\$ DATA TYPE 10 (DISPERSIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	TIDAL RANGE	DISPERSION "A"	DISPERSION "B"	DISPERSION "C"	DISPERSION "D"
HYDR	1	BC	0.00	0.001	0.000	0.000	0.000
HYDR	2	BC	0.00	0.000	0.000	0.000	0.000
HYDR	4	BC	0.00	0.000	0.000	0.000	0.000
HYDR	5	BC	0.00	0.001	0.000	0.000	0.000
HYDR	6	BC	0.00	0.002	0.000	0.000	0.000
HYDR	7	BC	0.00	0.031	0.000	0.000	0.000
HYDR	8	BC	0.00	0.010	0.000	0.000	0.000
HYDR	10	BC	0.00	0.010	0.000	0.000	0.000
HYDR	11	WE	0.00	0.077	0.000	0.000	0.000
HYDR	13	BC	0.00	0.093	0.000	0.000	0.000
HYDR	14	BC	0.00	0.077	0.000	0.000	0.000
HYDR	16	BC	0.00	0.078	0.000	0.000	0.000
HYDR	18	BC	0.00	0.075	0.000	0.000	0.000

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

ENDATA10

\$\$\$ DATA TYPE 11 (INITIAL CONDITIONS) \$\$\$

CARD TYPE	REACH	ID	TEMP	SALIN	DO	NH3	NO3+2	PHOS	CHL A	MACRO
INITIAL	1	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	2	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	3	BO	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	4	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	5	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	6	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	7	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	8	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	9	WE	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	10	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	11	WE	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	12	NM	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	13	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	14	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	15	NG	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	16	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	17	NS	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	18	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00

ENDATA11

\$\$\$ DATA TYPE 12 (REAERATION, SEDIMENT OXYGEN DEMAND, BOD COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	K2 OPT	K2 "A"	K2 "B"	K2 "C"	BKGRND SOD	AEROB BOD DECAY	BOD SETT	BOD CONV TO SOD	ANAER BOD DECAY
COEF-1	1	BC	15 LOUISIANA	0.000	0.000	0.000	0.740	0.150	0.100	1.000	0.000
COEF-1	2	BC	15 LOUISIANA	0.000	0.000	0.000	0.980	0.150	0.100	1.000	0.000
COEF-1	3	BO	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	4	BC	15 LOUISIANA	0.000	0.000	0.000	0.770	0.150	0.100	1.000	0.000
COEF-1	5	BC	15 LOUISIANA	0.000	0.000	0.000	1.010	0.150	0.100	1.000	0.000
COEF-1	6	BC	15 LOUISIANA	0.000	0.000	0.000	1.050	0.150	0.100	1.000	0.000
COEF-1	7	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	8	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	9	WE	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	10	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	11	WE	15 LOUISIANA	0.000	0.000	0.000	0.070	0.150	0.100	1.000	0.000
COEF-1	12	NM	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	13	BC	15 LOUISIANA	0.000	0.000	0.000	0.070	0.150	0.100	1.000	0.000
COEF-1	14	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000
COEF-1	15	NG	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	16	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000
COEF-1	17	NS	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	18	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000

ENDATA12

\$\$\$ DATA TYPE 13 (NITROGEN AND PHOSPHORUS COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	ORG-N DECA	ORG-N SETT	ORGN CONV TO NH3 SRCE	NH3 DECA	NH3 SRCE	PHOS SRCE	DENIT RATE
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ENDATA13

\$\$\$ DATA TYPE 14 (ALGAE AND MACROPHYTE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	SECCHI DEPTH	ALGAE: CHL A	ALGAE SETT	ALG CONV TO SOD	ALGAE GROW	ALGAE RESP	MACRO GROW	MACRO RESP
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ENDATA14

\$\$\$ DATA TYPE 15 (COLIFORM AND NONCONSERVATIVE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	COLIFORM DIE-OFF	NCM DECAY	NCM SETT	NCM CONV TO SOD
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COEF-4	1	BC	0.00	0.10	0.05	1.00
COEF-4	2	BC	0.00	0.10	0.05	1.00
COEF-4	3	BO	0.00	0.10	0.05	1.00
COEF-4	4	BC	0.00	0.10	0.05	1.00
COEF-4	5	BC	0.00	0.10	0.05	1.00
COEF-4	6	BC	0.00	0.10	0.05	1.00
COEF-4	7	BC	0.00	0.10	0.05	1.00
COEF-4	8	BC	0.00	0.10	0.05	1.00
COEF-4	9	WE	0.00	0.10	0.05	1.00
COEF-4	10	BC	0.00	0.10	0.05	1.00
COEF-4	11	WE	0.00	0.10	0.05	1.00
COEF-4	12	NM	0.00	0.10	0.05	1.00
COEF-4	13	BC	0.00	0.10	0.05	1.00
COEF-4	14	BC	0.00	0.10	0.05	1.00
COEF-4	15	NG	0.00	0.10	0.05	1.00
COEF-4	16	BC	0.00	0.10	0.05	1.00
COEF-4	17	NS	0.00	0.10	0.05	1.00
COEF-4	18	BC	0.00	0.10	0.05	1.00

ENDATA15

\$\$\$ DATA TYPE 16 (INCREMENTAL DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	OUTFLOW	INFLOW	TEMP	SALIN	CM-I	CM-II	IN/DIST	OUT/DIST
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INCR-1	1	BC	-0.00073	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00101
INCR-1	2	BC	-0.00019	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00095
INCR-1	3	BO	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	4	BC	-0.00028	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	5	BC	-0.00048	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	6	BC	-0.00302	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	7	BC	-0.00076	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	8	BC	-0.00020	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-1	9	WE	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	10	BC	-0.00057	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00102
INCR-1	11	WE	-0.00031	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00097
INCR-1	12	NM	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	13	BC	-0.00024	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	14	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	15	NG	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	16	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	17	NS	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	18	BC	0.00000	0.00500	25.00	0.00	27.50	17.50	0.00163	0.00000

ENDATA16

\$\$\$ DATA TYPE 17 (INCREMENTAL DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	REACH	ID	DO	BOD	ORG-N	NH3	NO3+2
INCR-2	1	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	2	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	3	BO	3.00	0.00	0.00	0.00	0.00
INCR-2	4	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	5	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	6	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	7	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	8	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	9	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	10	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	11	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	12	NM	3.00	0.00	0.00	0.00	0.00
INCR-2	13	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	14	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	15	NG	3.00	0.00	0.00	0.00	0.00
INCR-2	16	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	17	NS	3.00	0.00	0.00	0.00	0.00
INCR-2	18	BC	3.00	2.00	0.00	0.00	0.00

ENDATA17

\$\$\$ DATA TYPE 18 (INCREMENTAL DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	PHOS	CHL A	COLI	NCM
INCR-3	1	BC	0.00	0.00	0.00	0.00
INCR-3	2	BC	0.00	0.00	0.00	0.00
INCR-3	3	BO	0.00	0.00	0.00	0.00
INCR-3	4	BC	0.00	0.00	0.00	0.00
INCR-3	5	BC	0.00	0.00	0.00	0.00
INCR-3	6	BC	0.00	0.00	0.00	0.00
INCR-3	7	BC	0.00	0.00	0.00	0.00
INCR-3	8	BC	0.00	0.00	0.00	0.00
INCR-3	9	WE	0.00	0.00	0.00	0.00
INCR-3	10	BC	0.00	0.00	0.00	0.00
INCR-3	11	WE	0.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-3	12	NM	0.00	0.00	0.00	0.00
INCR-3	13	BC	0.00	0.00	0.00	0.00
INCR-3	14	BC	0.00	0.00	0.00	0.00
INCR-3	15	NG	0.00	0.00	0.00	0.00
INCR-3	16	BC	0.00	0.00	0.00	0.00
INCR-3	17	NS	0.00	0.00	0.00	0.00
INCR-3	18	BC	0.00	0.00	0.00	2.00

ENDATA18

\$\$\$ DATA TYPE 19 (NONPOINT SOURCE DATA) \$\$\$

CARD TYPE	REACH	ID	BOD	ORG-N	COLI	NCM	DO
NONPOINT	1	BC	0.11	0.00	0.00	1.51	0.00
NONPOINT	2	BC	0.05	0.00	0.00	0.00	0.00
NONPOINT	3	BO	0.00	0.00	0.00	0.00	0.00
NONPOINT	4	BC	0.83	0.00	0.00	0.00	0.00
NONPOINT	5	BC	0.47	0.00	0.00	0.00	0.00
NONPOINT	6	BC	13.08	0.00	0.00	7.24	0.00
NONPOINT	7	BC	16.81	0.00	0.00	7.60	0.00
NONPOINT	8	BC	2.12	0.00	0.00	1.44	0.00
NONPOINT	9	WE	0.00	0.00	0.00	0.00	0.00
NONPOINT	10	BC	6.59	0.00	0.00	3.08	0.00
NONPOINT	11	WE	6.27	0.00	0.00	3.49	0.00
NONPOINT	12	NM	0.00	0.00	0.00	0.00	0.00
NONPOINT	13	BC	5.27	0.00	0.00	2.90	0.00
NONPOINT	14	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	15	NG	0.00	0.00	0.00	0.00	0.00
NONPOINT	16	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	17	NS	0.00	0.00	0.00	0.00	0.00
NONPOINT	18	BC	0.00	0.00	0.00	0.00	0.00

ENDATA19

\$\$\$ DATA TYPE 20 (HEADWATER FOR FLOW, TEMPERATURE, SALINITY AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	UNIT	FLOW	TEMP	SALIN	CM-I	CM-II
HDWTR-1	1	B CHAUVIN @ HWY 139	0	0.00283	28.500	0.000	34.000	6.000
HDWTR-1	47	BAYOU OAKS DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	292	WEST ELMWOOD DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	372	NORTH MONROE DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	457	NORTH GATE DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	557	NORTHSIDE DITCH	0	0.00028	28.500	0.000	10.000	7.000

ENDATA20

\$\$\$ DATA TYPE 21 (HEADWATER DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	ORG-N	NH3	NO3+2
HDWTR-2	1	B CHAUVIN @ HWY 139	6.10	5.00	0.00	0.00	0.00
HDWTR-2	47	BAYOU OAKS DITCH	5.00	5.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

HDWTR-2	292	WEST ELMWOOD DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	372	NORTH MONROE DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	457	NORTH GATE DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	557	NORTHSIDE DITCH	5.00	5.00	0.00	0.00	0.00
ENDATA21							

\$\$\$ DATA TYPE 22 (HEADWATER DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
HDWTR-3	1	B CHAUVIN @ HWY 139	0.00	0.00	0.00	5.00
HDWTR-3	47	BAYOU OAKS DITCH	0.00	0.00	0.00	5.00
HDWTR-3	292	WEST ELMWOOD DITCH	0.00	0.00	0.00	5.00
HDWTR-3	372	NORTH MONROE DITCH	0.00	0.00	0.00	5.00
HDWTR-3	457	NORTH GATE DITCH	0.00	0.00	0.00	5.00
HDWTR-3	557	NORTHSIDE DITCH	0.00	0.00	0.00	5.00
ENDATA22						

\$\$\$ DATA TYPE 23 (JUNCTION DATA) \$\$\$

CARD TYPE	JUNCTION ELEMENT	UPSTRM ELEMENT	RIVER KILOM	NAME
JUNCTION	55	46	9.98	BAYOU OAKS DITCH WITH BAYOU CHAUVIN
JUNCTION	328	291	5.24	WEST ELMWOOD DITCH WITH BAYOU CHAUVIN
JUNCTION	432	371	4.36	NORTH MONROE DITCH WITH BAYOU CHAUVIN
JUNCTION	517	456	3.86	NORTH GATE DITCH WITH BAYOU CHAUVIN
JUNCTION	627	556	3.06	NORTHSIDE DITCH WITH BAYOU CHAUVIN
ENDATA23				

\$\$\$ DATA TYPE 24 (WASTELOAD DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	RKILO	NAME	FLOW	TEMP	SAL	CM-I	CM-II
WSTLD-1	23	10.46	LAKEVIEW ESTATES	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	47	0.08	BAYOU OAKS POND	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	75	9.58	BAYOU DESIARD	0.01500	28.500	0.000	0.000	0.000
WSTLD-1	110	8.88	LEISURE VILLAGE	0.00175	28.500	0.000	0.000	0.000
WSTLD-1	228	6.52	OAKWOOD # 1	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	244	6.20	OAKWOOD # 2	0.04440	28.500	0.000	0.000	0.000
WSTLD-1	292	0.36	WEST ELMWOOD POND	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	372	0.60	NORTH MONROE SD # 1	0.00569	28.500	0.000	0.000	0.000
WSTLD-1	457	0.60	NORTH GATE ESTATES	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	557	0.70	NORTHSIDE TERRACE	0.00000	28.500	0.000	0.000	0.000
ENDATA24								

\$\$\$ DATA TYPE 25 (WASTELOAD DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	% BOD RMVL	ORG-N	NH3	% NITRIF	NO3+2
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Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WSTLD-2	23	LAKEVIEW ESTATES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	47	BAYOU OAKS POND	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	75	BAYOU DESIARD	5.00	5.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	110	LEISURE VILLAGE	5.00	36.80	0.00	0.00	0.00	0.00	0.00
WSTLD-2	228	OAKWOOD # 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	244	OAKWOOD # 2	5.00	18.40	0.00	0.00	0.00	0.00	0.00
WSTLD-2	292	WEST ELMWOOD POND	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	372	NORTH MONROE SD # 1	2.00	69.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	457	NORTH GATE ESTATES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	557	NORTHSIDE TERRACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENDATA25									

\$\$\$ DATA TYPE 26 (WASTELOAD DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
WSTLD-3	23	LAKEVIEW ESTATES	0.00	0.00	0.00	0.00
WSTLD-3	47	BAYOU OAKS POND	0.00	0.00	0.00	0.00
WSTLD-3	75	BAYOU DESIARD	0.00	0.00	0.00	5.00
WSTLD-3	110	LEISURE VILLAGE	0.00	0.00	0.00	34.40
WSTLD-3	228	OAKWOOD # 1	0.00	0.00	0.00	0.00
WSTLD-3	244	OAKWOOD # 2	0.00	0.00	0.00	17.20
WSTLD-3	292	WEST ELMWOOD POND	0.00	0.00	0.00	0.00
WSTLD-3	372	NORTH MONROE SD # 1	0.00	0.00	0.00	64.50
WSTLD-3	457	NORTH GATE ESTATES	0.00	0.00	0.00	0.00
WSTLD-3	557	NORTHSIDE TERRACE	0.00	0.00	0.00	0.00
ENDATA26						

\$\$\$ DATA TYPE 27 (LOWER BOUNDARY CONDITIONS) \$\$\$

CARD TYPE	CONSTITUENT	CONCENTRATION
LOWER BC	TEMPERATURE	= 28.500 deg C
LOWER BC	SALINITY	= 0.000 ppt
LOWER BC	CONSERVATIVE MATERIAL I	= 0.000 MG/L
LOWER BC	CONSERVATIVE MATERIAL II	= 0.000 MG/L
LOWER BC	DISSOLVED OXYGEN	= 0.000 mg/L
LOWER BC	BIOCHEMICAL OXYGEN DEMAND	= 0.000 mg/L
LOWER BC	ORGANIC NITROGEN	= 0.000 mg/L
LOWER BC	AMMONIA NITROGEN	= 0.000 mg/L
LOWER BC	NITRATE+NITRITE NITROGEN	= 0.000 mg/L
LOWER BC	PHOSPHORUS	= 0.000 mg/L
LOWER BC	CHLOROPHYLL A	= 5.000 µg/L
LOWER BC	COLIFORM	= 0.000 #/100 mL
LOWER BC	NONCONSERVATIVE MATERIAL	= 0.000 MG/L
ENDATA27		

\$\$\$ DATA TYPE 28 (RESERVED FOR FUTURE DATA INPUT) \$\$\$

CARD TYPE

ENDATA28

\$\$\$ DATA TYPE 29 (SENSITIVITY ANALYSIS DATA) \$\$\$

CARD TYPE	PARAMETER	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8
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ENDATA29

\$\$\$ DATA TYPE 30 (PLOT CONTROL CARDS) \$\$\$

NUMBER OF PLOTS = 1  
 NUMBER OF REACHES IN PLOT 1 = 13  
 PLOT RCH 1 2 4 5 6 7 8 10 11 13 14 16 18  
 ENDATA30

\$\$\$ DATA TYPE 31 (OVERLAY PLOT DATA) \$\$\$

OVERLAY 1                                    OPDATA2.TXT    BAYOU CHAUVIN SUMMER SEASON PROJECTION  
 ENDATA31

.....NO ERRORS DETECTED IN INPUT DATA  
 .....HYDRAULIC CALCULATIONS COMPLETED  
 .....TRIDIAGONAL MATRIX TERMS INITIALIZED  
 .....OXYGEN DEPENDENT RATES CONVERGENT IN 34 ITERATIONS  
 .....CONSTITUENT CALCULATIONS COMPLETED  
 .....GRAPHICS DATA FOR PLOT 1 WRITTEN TO UNIT 11

FINAL REPORT    B CHAUVIN @ HWY 139                                    BAYOU CHAUVIN PROJECTION  
 REACH NO. 1    HWY 139 TO LAKEWOOD DR

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
1	HDWTR	0.00283	28.50	0.00	34.00	6.00	6.10	4.80	5.00	0.00	0.00	0.00	0.00	10.00	0.00	5.00
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
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1	10.90	10.88	0.00281	0.00	0.00155	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
2	10.88	10.86	0.00279	0.00	0.00154	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
3	10.86	10.84	0.00277	0.00	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
4	10.84	10.82	0.00275	0.00	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
5	10.82	10.80	0.00273	0.00	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
6	10.80	10.78	0.00271	0.00	0.00149	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
7	10.78	10.76	0.00269	0.00	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
8	10.76	10.74	0.00267	0.00	0.00147	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
9	10.74	10.72	0.00265	0.00	0.00146	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
10	10.72	10.70	0.00263	0.00	0.00145	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
11	10.70	10.68	0.00261	0.00	0.00144	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
12	10.68	10.66	0.00259	0.00	0.00143	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
13	10.66	10.64	0.00257	0.00	0.00142	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
14	10.64	10.62	0.00255	0.00	0.00141	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
15	10.62	10.60	0.00253	0.00	0.00139	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
16	10.60	10.58	0.00251	0.00	0.00138	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
17	10.58	10.56	0.00249	0.00	0.00137	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
18	10.56	10.54	0.00247	0.00	0.00136	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
19	10.54	10.52	0.00244	0.00	0.00135	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
20	10.52	10.50	0.00242	0.00	0.00134	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
21	10.50	10.48	0.00240	0.00	0.00133	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
22	10.48	10.46	0.00238	0.00	0.00132	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
23	10.46	10.44	0.00236	0.00	0.00130	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
24	10.44	10.42	0.00234	0.00	0.00129	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
25	10.42	10.40	0.00232	0.00	0.00128	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
26	10.40	10.38	0.00230	0.00	0.00127	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
27	10.38	10.36	0.00228	0.00	0.00126	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
28	10.36	10.34	0.00226	0.00	0.00125	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
29	10.34	10.32	0.00224	0.00	0.00124	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
30	10.32	10.30	0.00222	0.00	0.00123	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
31	10.30	10.28	0.00220	0.00	0.00122	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
32	10.28	10.26	0.00218	0.00	0.00120	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
33	10.26	10.24	0.00216	0.00	0.00119	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
34	10.24	10.22	0.00214	0.00	0.00118	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
35	10.22	10.20	0.00212	0.00	0.00117	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
36	10.20	10.18	0.00210	0.00	0.00116	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
TOT						6.20			1304.39	5706.00					
AVG				0.00135			0.23	7.93			1.81				
CUM						6.20									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
1	10.880	7.76	3.59	0.22	0.12	0.00	1.26	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	2.04	0.00	0.00	0.18	0.06
2	10.860	7.76	3.59	0.22	0.12	0.00	1.26	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.18	0.06
3	10.840	7.76	3.59	0.22	0.12	0.00	1.26	1.45	1.45	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.18	0.06



7	10.760	28.50	0.00	0.00	0.00	6.07	3.44	3.62	0.00	0.00	0.00	0.00	0.00	9.03	0.00	0.00	4.97
8	10.740	28.50	0.00	0.00	0.00	6.07	3.27	3.45	0.00	0.00	0.00	0.00	0.00	8.89	0.00	0.00	4.96
9	10.720	28.50	0.00	0.00	0.00	6.08	3.12	3.29	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	4.96
10	10.700	28.50	0.00	0.00	0.00	6.09	2.97	3.14	0.00	0.00	0.00	0.00	0.00	8.61	0.00	0.00	4.95
11	10.680	28.50	0.00	0.00	0.00	6.09	2.83	3.00	0.00	0.00	0.00	0.00	0.00	8.47	0.00	0.00	4.95
12	10.660	28.50	0.00	0.00	0.00	6.10	2.69	2.86	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	4.95
13	10.640	28.50	0.00	0.00	0.00	6.11	2.56	2.73	0.00	0.00	0.00	0.00	0.00	8.19	0.00	0.00	4.94
14	10.620	28.50	0.00	0.00	0.00	6.11	2.44	2.60	0.00	0.00	0.00	0.00	0.00	8.06	0.00	0.00	4.94
15	10.600	28.50	0.00	0.00	0.00	6.12	2.32	2.48	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	4.93
16	10.580	28.50	0.00	0.00	0.00	6.12	2.21	2.37	0.00	0.00	0.00	0.00	0.00	7.78	0.00	0.00	4.93
17	10.560	28.50	0.00	0.00	0.00	6.12	2.10	2.26	0.00	0.00	0.00	0.00	0.00	7.64	0.00	0.00	4.93
18	10.540	28.50	0.00	0.00	0.00	6.13	2.00	2.15	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	4.92
19	10.520	28.50	0.00	0.00	0.00	6.13	1.90	2.05	0.00	0.00	0.00	0.00	0.00	7.36	0.00	0.00	4.92
20	10.500	28.50	0.00	0.00	0.00	6.13	1.81	1.96	0.00	0.00	0.00	0.00	0.00	7.22	0.00	0.00	4.92
21	10.480	28.50	0.00	0.00	0.00	6.13	1.72	1.87	0.00	0.00	0.00	0.00	0.00	7.08	0.00	0.00	4.92
22	10.460	28.50	0.00	0.00	0.00	6.13	1.64	1.78	0.00	0.00	0.00	0.00	0.00	6.94	0.00	0.00	4.91
23	10.440	28.50	0.00	0.00	0.00	6.13	1.56	1.70	0.00	0.00	0.00	0.00	0.00	6.81	0.00	0.00	4.91
24	10.420	28.50	0.00	0.00	0.00	6.13	1.49	1.62	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	4.91
25	10.400	28.50	0.00	0.00	0.00	6.13	1.41	1.54	0.00	0.00	0.00	0.00	0.00	6.53	0.00	0.00	4.91
26	10.380	28.50	0.00	0.00	0.00	6.13	1.35	1.47	0.00	0.00	0.00	0.00	0.00	6.39	0.00	0.00	4.90
27	10.360	28.50	0.00	0.00	0.00	6.13	1.28	1.41	0.00	0.00	0.00	0.00	0.00	6.25	0.00	0.00	4.90
28	10.340	28.50	0.00	0.00	0.00	6.13	1.22	1.34	0.00	0.00	0.00	0.00	0.00	6.11	0.00	0.00	4.90
29	10.320	28.50	0.00	0.00	0.00	6.13	1.16	1.28	0.00	0.00	0.00	0.00	0.00	5.97	0.00	0.00	4.90
30	10.300	28.50	0.00	0.00	0.00	6.13	1.11	1.22	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	4.89
31	10.280	28.50	0.00	0.00	0.00	6.12	1.05	1.17	0.00	0.00	0.00	0.00	0.00	5.69	0.00	0.00	4.89
32	10.260	28.50	0.00	0.00	0.00	6.12	1.00	1.11	0.00	0.00	0.00	0.00	0.00	5.56	0.00	0.00	4.89
33	10.240	28.50	0.00	0.00	0.00	6.12	0.96	1.06	0.00	0.00	0.00	0.00	0.00	5.42	0.00	0.00	4.89
34	10.220	28.50	0.00	0.00	0.00	6.11	0.91	1.02	0.00	0.00	0.00	0.00	0.00	5.28	0.00	0.00	4.89
35	10.200	28.50	0.00	0.00	0.00	6.11	0.87	0.97	0.00	0.00	0.00	0.00	0.00	5.14	0.00	0.00	4.88
36	10.180	28.50	0.00	0.00	0.00	6.10	0.83	0.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	4.88

\* CM-I = CHLORIDES  
MG/L  
\*\* g/cu m

CM-II = SULFATES  
MG/L

NCM = NBOD  
MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN PROJECTION  
REACH NO. 2 LAKEWOOD DR TO BAYOU OAKS DITCH

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
37	UPR RCH	0.00210	28.50	0.00	0.00	0.00	6.10	0.83	0.93	0.00	0.00	0.00	0.00	5.00	0.00	4.88
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
37	10.18	10.16	0.00208	0.00	0.00088	0.26	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
38	10.16	10.14	0.00206	0.00	0.00087	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
39	10.14	10.12	0.00204	0.00	0.00086	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
40	10.12	10.10	0.00202	0.00	0.00085	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
41	10.10	10.08	0.00201	0.00	0.00085	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
42	10.08	10.06	0.00199	0.00	0.00084	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
43	10.06	10.04	0.00197	0.00	0.00083	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
44	10.04	10.02	0.00195	0.00	0.00082	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
45	10.02	10.00	0.00193	0.00	0.00081	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
46	10.00	9.98	0.00191	0.00	0.00081	0.29	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
TOT						2.75			473.80	2072.60					
AVG					0.00084		0.23	10.36			2.37				
CUM						8.95									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAP 1/da	CBOD SETT 1/da	ANBOD DECAP 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAP 1/da	ORGN SETT 1/da	NH3 DECAP 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAP 1/da	NCM DECAP 1/da	NCM SETT 1/da
37	10.160	7.76	3.59	0.22	0.12	0.00	1.67	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.18	0.06
38	10.140	7.76	3.59	0.22	0.12	0.00	1.67	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.18	0.06
39	10.120	7.76	3.59	0.22	0.12	0.00	1.67	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.18	0.06
40	10.100	7.76	3.59	0.22	0.12	0.00	1.67	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.00	0.18	0.06
41	10.080	7.76	3.59	0.22	0.12	0.00	1.67	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
42	10.060	7.76	3.59	0.22	0.12	0.00	1.67	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.18	0.06
43	10.040	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	0.18	0.06
44	10.020	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	0.18	0.06
45	10.000	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.97	0.00	0.00	0.18	0.06
46	9.980	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20	DEG C RATE			0.15		0.00	0.98			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			3.06	0.10					0.00		0.00	0.00	0.00	0.00			0.00		0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
37	10.160	28.50	0.00	0.00	0.00	5.89	0.79	0.90	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	4.59
38	10.140	28.50	0.00	0.00	0.00	5.80	0.75	0.87	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	4.32
39	10.120	28.50	0.00	0.00	0.00	5.78	0.71	0.84	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	4.06



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAT 1/da	CBOD SETT 1/da	ANBOD DECAT 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAT 1/da	ORGN SETT 1/da	NH3 DECAT 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAT 1/da	NCM DECAT 1/da	NCM SETT 1/da
55	9.960	7.76	3.59	0.22	0.12	0.00	1.32	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
56	9.940	7.76	3.59	0.22	0.12	0.00	1.32	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
57	9.920	7.76	3.59	0.22	0.12	0.00	1.32	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
58	9.900	7.76	3.59	0.22	0.12	0.00	1.32	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
59	9.880	7.76	3.59	0.22	0.12	0.00	1.32	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
60	9.860	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
61	9.840	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
62	9.820	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
63	9.800	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
64	9.780	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
65	9.760	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
66	9.740	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
67	9.720	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
68	9.700	7.76	3.59	0.22	0.12	0.00	1.32	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20	DEG C	RATE		0.15		0.00	0.77			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20	DEG C	RATE		3.06	0.10				0.00										0.05

\* g/sq m/d                    \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
55	9.960	28.50	0.00	0.00	0.00	6.31	1.24	1.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.68
56	9.940	28.50	0.00	0.00	0.00	6.37	1.41	1.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.49
57	9.920	28.50	0.00	0.00	0.00	6.40	1.56	1.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.32
58	9.900	28.50	0.00	0.00	0.00	6.41	1.69	1.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.16
59	9.880	28.50	0.00	0.00	0.00	6.42	1.82	2.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.00
60	9.860	28.50	0.00	0.00	0.00	6.42	1.93	2.13	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.86
61	9.840	28.50	0.00	0.00	0.00	6.42	2.03	2.23	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.73
62	9.820	28.50	0.00	0.00	0.00	6.42	2.12	2.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.60
63	9.800	28.50	0.00	0.00	0.00	6.42	2.21	2.41	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.48
64	9.780	28.50	0.00	0.00	0.00	6.42	2.29	2.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.37
65	9.760	28.50	0.00	0.00	0.00	6.42	2.35	2.55	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.27
66	9.740	28.50	0.00	0.00	0.00	6.42	2.42	2.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.17
67	9.720	28.50	0.00	0.00	0.00	6.42	2.47	2.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.08
68	9.700	28.50	0.00	0.00	0.00	6.42	2.52	2.72	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	1.00

\* CM-I = CHLORIDES  
          MG/L

CM-II = SULFATES  
          MG/L

NCM = NBOD  
          MG/L



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
69	9.680	7.76	3.59	0.22	0.12	0.00	1.73	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
70	9.660	7.76	3.59	0.22	0.12	0.00	1.73	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
71	9.640	7.76	3.59	0.22	0.12	0.00	1.73	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
72	9.620	7.76	3.59	0.22	0.12	0.00	1.73	1.79	1.79	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
73	9.600	7.76	3.59	0.22	0.12	0.00	1.73	1.79	1.79	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
74	9.580	7.76	3.59	0.22	0.12	0.00	1.73	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
75	9.560	7.76	3.89	0.22	0.12	0.00	1.73	1.92	1.92	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
76	9.540	7.76	3.89	0.22	0.12	0.00	1.73	1.92	1.92	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
77	9.520	7.76	3.89	0.22	0.12	0.00	1.73	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
78	9.500	7.76	3.89	0.22	0.12	0.00	1.73	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
79	9.480	7.76	3.89	0.22	0.12	0.00	1.73	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
80	9.460	7.76	3.89	0.22	0.12	0.00	1.73	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
81	9.440	7.76	3.89	0.22	0.12	0.00	1.73	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
82	9.420	7.76	3.89	0.22	0.12	0.00	1.73	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
83	9.400	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
84	9.380	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
85	9.360	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
86	9.340	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
87	9.320	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
88	9.300	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
89	9.280	7.76	3.89	0.22	0.12	0.00	1.73	1.90	1.90	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
90	9.260	7.76	3.88	0.22	0.12	0.00	1.73	1.89	1.89	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
91	9.240	7.76	3.88	0.22	0.12	0.00	1.73	1.89	1.89	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
92	9.220	7.76	3.88	0.22	0.12	0.00	1.73	1.89	1.89	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20	DEG C RATE			0.15		0.00	1.01			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			3.25		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
69	9.680	28.50	0.00	0.00	0.00	6.17	2.38	2.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.93
70	9.660	28.50	0.00	0.00	0.00	6.06	2.26	2.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.87
71	9.640	28.50	0.00	0.00	0.00	6.02	2.16	2.36	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.81
72	9.620	28.50	0.00	0.00	0.00	6.00	2.06	2.26	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.75
73	9.600	28.50	0.00	0.00	0.00	6.00	1.98	2.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.72
74	9.580	28.50	0.00	0.00	0.00	5.95	2.10	2.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.95
75	9.560	28.50	0.00	0.00	0.00	5.18	4.62	4.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.50

76	9.540	28.50	0.00	0.00	0.00	5.23	4.58	4.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.46
77	9.520	28.50	0.00	0.00	0.00	5.29	4.54	4.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.42
78	9.500	28.50	0.00	0.00	0.00	5.33	4.50	4.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.39
79	9.480	28.50	0.00	0.00	0.00	5.38	4.46	4.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.35
80	9.460	28.50	0.00	0.00	0.00	5.41	4.42	4.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.31
81	9.440	28.50	0.00	0.00	0.00	5.45	4.38	4.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.28
82	9.420	28.50	0.00	0.00	0.00	5.48	4.34	4.54	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.24
83	9.400	28.50	0.00	0.00	0.00	5.51	4.31	4.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.21
84	9.380	28.50	0.00	0.00	0.00	5.53	4.27	4.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.17
85	9.360	28.50	0.00	0.00	0.00	5.55	4.23	4.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.14
86	9.340	28.50	0.00	0.00	0.00	5.58	4.20	4.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.10
87	9.320	28.50	0.00	0.00	0.00	5.59	4.16	4.36	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.07
88	9.300	28.50	0.00	0.00	0.00	5.61	4.12	4.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.04
89	9.280	28.50	0.00	0.00	0.00	5.63	4.09	4.29	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.00
90	9.260	28.50	0.00	0.00	0.00	5.64	4.05	4.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.97
91	9.240	28.50	0.00	0.00	0.00	5.65	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.94
92	9.220	28.50	0.00	0.00	0.00	5.67	3.98	4.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.90

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 6 CONT STRUCT TO OAKWOOD POND #2

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
93	UPR RCH	0.01643	28.50	0.00	0.00	0.00	5.67	3.98	4.18	0.00	0.00	0.00	0.00	10.00	0.00	3.90
EACH	INCR	0.0000														
110	WSTLD	0.00175	28.50	0.00	0.00	0.00	5.00	36.80	36.80	0.00	0.00	0.00	0.00	0.00	0.00	34.40

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
93	9.22	9.20	0.01641	89.32	0.00425	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
94	9.20	9.18	0.01639	89.32	0.00425	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
95	9.18	9.16	0.01637	89.32	0.00424	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
96	9.16	9.14	0.01635	89.32	0.00424	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
97	9.14	9.12	0.01633	89.32	0.00423	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
98	9.12	9.10	0.01631	89.32	0.00423	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
99	9.10	9.08	0.01629	89.32	0.00422	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
100	9.08	9.06	0.01627	89.32	0.00422	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004

101	9.06	9.04	0.01625	89.32	0.00421	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
102	9.04	9.02	0.01623	89.32	0.00421	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
103	9.02	9.00	0.01621	89.32	0.00420	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
104	9.00	8.98	0.01619	89.32	0.00420	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
105	8.98	8.96	0.01617	89.32	0.00419	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
106	8.96	8.94	0.01615	89.32	0.00419	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
107	8.94	8.92	0.01613	89.32	0.00418	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
108	8.92	8.90	0.01611	89.32	0.00418	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
109	8.90	8.88	0.01609	89.32	0.00417	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
110	8.88	8.86	0.01782	90.37	0.00462	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
111	8.86	8.84	0.01780	90.37	0.00461	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
112	8.84	8.82	0.01778	90.37	0.00461	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
113	8.82	8.80	0.01776	90.37	0.00460	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
114	8.80	8.78	0.01774	90.37	0.00460	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
115	8.78	8.76	0.01772	90.37	0.00459	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
116	8.76	8.74	0.01770	90.37	0.00459	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
117	8.74	8.72	0.01768	90.37	0.00458	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
118	8.72	8.70	0.01766	90.37	0.00458	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
119	8.70	8.68	0.01764	90.37	0.00457	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
120	8.68	8.66	0.01762	90.37	0.00457	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
121	8.66	8.64	0.01760	90.37	0.00456	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
122	8.64	8.62	0.01758	90.37	0.00456	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
123	8.62	8.60	0.01756	90.37	0.00455	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
124	8.60	8.58	0.01754	90.37	0.00455	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
125	8.58	8.56	0.01752	90.37	0.00454	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
126	8.56	8.54	0.01750	90.37	0.00454	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
127	8.54	8.52	0.01748	90.37	0.00453	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
128	8.52	8.50	0.01746	90.37	0.00453	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
129	8.50	8.48	0.01744	90.37	0.00452	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
130	8.48	8.46	0.01742	90.37	0.00451	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
131	8.46	8.44	0.01740	90.37	0.00451	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
132	8.44	8.42	0.01738	90.37	0.00450	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.005
133	8.42	8.40	0.01736	90.37	0.00450	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
134	8.40	8.38	0.01734	90.37	0.00449	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
135	8.38	8.36	0.01732	90.37	0.00449	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
136	8.36	8.34	0.01730	90.37	0.00448	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
137	8.34	8.32	0.01728	90.37	0.00448	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
138	8.32	8.30	0.01726	90.37	0.00447	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
139	8.30	8.28	0.01724	90.37	0.00447	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
140	8.28	8.26	0.01722	90.37	0.00446	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
141	8.26	8.24	0.01720	90.37	0.00446	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
142	8.24	8.22	0.01718	90.37	0.00445	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
143	8.22	8.20	0.01716	90.37	0.00445	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
144	8.20	8.18	0.01714	90.37	0.00444	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
145	8.18	8.16	0.01712	90.37	0.00444	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
146	8.16	8.14	0.01710	90.37	0.00443	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
147	8.14	8.12	0.01708	90.37	0.00443	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
148	8.12	8.10	0.01706	90.37	0.00442	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
149	8.10	8.08	0.01704	90.37	0.00442	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
150	8.08	8.06	0.01702	90.37	0.00441	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
151	8.06	8.04	0.01700	90.37	0.00441	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

152	8.04	8.02	0.01698	90.37	0.00440	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
153	8.02	8.00	0.01696	90.37	0.00440	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
154	8.00	7.98	0.01694	90.37	0.00439	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
155	7.98	7.96	0.01692	90.37	0.00439	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
156	7.96	7.94	0.01690	90.37	0.00438	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
157	7.94	7.92	0.01688	90.37	0.00438	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
158	7.92	7.90	0.01686	90.37	0.00437	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
159	7.90	7.88	0.01684	90.37	0.00436	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
160	7.88	7.86	0.01682	90.37	0.00436	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
161	7.86	7.84	0.01680	90.37	0.00435	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
162	7.84	7.82	0.01678	90.37	0.00435	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
163	7.82	7.80	0.01676	90.37	0.00434	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
164	7.80	7.78	0.01674	90.37	0.00434	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
165	7.78	7.76	0.01672	90.37	0.00433	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
166	7.76	7.74	0.01670	90.37	0.00433	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
167	7.74	7.72	0.01668	90.37	0.00432	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
168	7.72	7.70	0.01666	90.37	0.00432	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
169	7.70	7.68	0.01664	90.37	0.00431	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
170	7.68	7.66	0.01662	90.37	0.00431	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
171	7.66	7.64	0.01660	90.37	0.00430	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
172	7.64	7.62	0.01658	90.37	0.00430	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
173	7.62	7.60	0.01656	90.37	0.00429	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
174	7.60	7.58	0.01654	90.37	0.00429	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
175	7.58	7.56	0.01652	90.37	0.00428	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
176	7.56	7.54	0.01650	90.37	0.00428	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
177	7.54	7.52	0.01648	90.37	0.00427	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
178	7.52	7.50	0.01646	90.37	0.00427	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
179	7.50	7.48	0.01644	90.37	0.00426	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
180	7.48	7.46	0.01642	90.37	0.00426	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
181	7.46	7.44	0.01640	90.37	0.00425	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
182	7.44	7.42	0.01638	90.37	0.00425	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
183	7.42	7.40	0.01636	90.37	0.00424	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
184	7.40	7.38	0.01634	90.37	0.00424	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
185	7.38	7.36	0.01632	90.37	0.00423	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
186	7.36	7.34	0.01630	90.37	0.00422	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
187	7.34	7.32	0.01628	90.37	0.00422	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
188	7.32	7.30	0.01626	90.37	0.00421	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
189	7.30	7.28	0.01624	90.37	0.00421	0.05	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
190	7.28	7.26	0.01622	90.37	0.00420	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
191	7.26	7.24	0.01620	90.37	0.00420	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
192	7.24	7.22	0.01618	90.37	0.00419	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
193	7.22	7.20	0.01616	90.37	0.00419	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
194	7.20	7.18	0.01614	90.37	0.00418	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
195	7.18	7.16	0.01612	90.37	0.00418	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
196	7.16	7.14	0.01610	90.37	0.00417	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
197	7.14	7.12	0.01608	90.37	0.00417	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
198	7.12	7.10	0.01606	90.37	0.00416	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
199	7.10	7.08	0.01604	90.37	0.00416	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
200	7.08	7.06	0.01602	90.37	0.00415	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
201	7.06	7.04	0.01600	90.37	0.00415	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
202	7.04	7.02	0.01598	90.37	0.00414	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004

203	7.02	7.00	0.01596	90.37	0.00414	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
204	7.00	6.98	0.01594	90.37	0.00413	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
205	6.98	6.96	0.01592	90.37	0.00413	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
206	6.96	6.94	0.01590	90.37	0.00412	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
207	6.94	6.92	0.01588	90.37	0.00412	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
208	6.92	6.90	0.01586	90.37	0.00411	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
209	6.90	6.88	0.01584	90.37	0.00411	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
210	6.88	6.86	0.01582	90.37	0.00410	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
211	6.86	6.84	0.01580	90.37	0.00410	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
212	6.84	6.82	0.01578	90.37	0.00409	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
213	6.82	6.80	0.01576	90.37	0.00408	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
214	6.80	6.78	0.01574	90.37	0.00408	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
215	6.78	6.76	0.01572	90.37	0.00407	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
216	6.76	6.74	0.01570	90.37	0.00407	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
217	6.74	6.72	0.01568	90.37	0.00406	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
218	6.72	6.70	0.01566	90.37	0.00406	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
219	6.70	6.68	0.01564	90.37	0.00405	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
220	6.68	6.66	0.01562	90.37	0.00405	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
221	6.66	6.64	0.01560	90.37	0.00404	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
222	6.64	6.62	0.01558	90.37	0.00404	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
223	6.62	6.60	0.01556	90.37	0.00403	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
224	6.60	6.58	0.01554	90.37	0.00403	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
225	6.58	6.56	0.01552	90.37	0.00402	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
226	6.56	6.54	0.01550	90.37	0.00402	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
227	6.54	6.52	0.01548	90.37	0.00401	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
228	6.52	6.50	0.01546	90.37	0.00401	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
229	6.50	6.48	0.01544	90.37	0.00400	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
230	6.48	6.46	0.01542	90.37	0.00400	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
231	6.46	6.44	0.01540	90.37	0.00399	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
232	6.44	6.42	0.01538	90.37	0.00399	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
233	6.42	6.40	0.01536	90.37	0.00398	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
234	6.40	6.38	0.01534	90.37	0.00398	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
235	6.38	6.36	0.01532	90.37	0.00397	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
236	6.36	6.34	0.01530	90.37	0.00397	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
237	6.34	6.32	0.01528	90.37	0.00396	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
238	6.32	6.30	0.01526	90.37	0.00396	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
239	6.30	6.28	0.01524	90.37	0.00395	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
240	6.28	6.26	0.01522	90.37	0.00394	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
241	6.26	6.24	0.01520	90.37	0.00394	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
242	6.24	6.22	0.01518	90.37	0.00393	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
243	6.22	6.20	0.01516	90.37	0.00393	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
TOT						8.21			11654.09	28536.03					
AVG					0.00426		0.41	9.45			3.86				
CUM						24.32									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECA	CBOD SETT	ANBOD DECA	BKGD SOD	FULL SOD	CORR SOD	ORGN DECA	ORGN SETT	NH3 DECA	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECA	NCM DECA	NCM SETT
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20 DEG C RATE                    0.15                    0.00   1.05                    0.00                    0.00   0.00   0.00   0.00   0.00                    0.00   0.10  
 AVG 20 DEG C RATE            1.78                    0.10                    0.00                    0.00                    0.00                    0.05

\* g/sq m/d                    \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
93	9.200	28.50	0.00	0.00	0.00	5.65	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.89
94	9.180	28.50	0.00	0.00	0.00	5.64	3.96	4.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.87
95	9.160	28.50	0.00	0.00	0.00	5.63	3.94	4.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.85
96	9.140	28.50	0.00	0.00	0.00	5.62	3.93	4.13	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.84
97	9.120	28.50	0.00	0.00	0.00	5.62	3.92	4.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.82
98	9.100	28.50	0.00	0.00	0.00	5.61	3.91	4.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.81
99	9.080	28.50	0.00	0.00	0.00	5.61	3.89	4.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.79
100	9.060	28.50	0.00	0.00	0.00	5.60	3.88	4.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.77
101	9.040	28.50	0.00	0.00	0.00	5.60	3.87	4.07	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.76
102	9.020	28.50	0.00	0.00	0.00	5.60	3.86	4.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.74
103	9.000	28.50	0.00	0.00	0.00	5.59	3.85	4.05	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.73
104	8.980	28.50	0.00	0.00	0.00	5.59	3.84	4.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.71
105	8.960	28.50	0.00	0.00	0.00	5.59	3.83	4.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.70
106	8.940	28.50	0.00	0.00	0.00	5.59	3.82	4.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.69
107	8.920	28.50	0.00	0.00	0.00	5.59	3.81	4.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.67
108	8.900	28.50	0.00	0.00	0.00	5.59	3.80	4.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.66
109	8.880	28.50	0.00	0.00	0.00	5.58	3.88	4.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.73
110	8.860	28.50	0.00	0.00	0.00	5.46	6.96	7.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.61
111	8.840	28.50	0.00	0.00	0.00	5.39	6.89	7.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.56
112	8.820	28.50	0.00	0.00	0.00	5.33	6.83	7.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.52
113	8.800	28.50	0.00	0.00	0.00	5.28	6.77	6.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.47
114	8.780	28.50	0.00	0.00	0.00	5.24	6.71	6.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.42
115	8.760	28.50	0.00	0.00	0.00	5.20	6.65	6.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.38
116	8.740	28.50	0.00	0.00	0.00	5.16	6.60	6.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.33
117	8.720	28.50	0.00	0.00	0.00	5.14	6.54	6.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.29
118	8.700	28.50	0.00	0.00	0.00	5.11	6.48	6.68	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.24
119	8.680	28.50	0.00	0.00	0.00	5.09	6.43	6.63	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.20
120	8.660	28.50	0.00	0.00	0.00	5.07	6.37	6.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.16
121	8.640	28.50	0.00	0.00	0.00	5.06	6.32	6.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.12
122	8.620	28.50	0.00	0.00	0.00	5.04	6.27	6.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.07
123	8.600	28.50	0.00	0.00	0.00	5.03	6.22	6.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	6.03
124	8.580	28.50	0.00	0.00	0.00	5.02	6.17	6.37	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.99
125	8.560	28.50	0.00	0.00	0.00	5.02	6.12	6.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.95
126	8.540	28.50	0.00	0.00	0.00	5.01	6.07	6.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.91
127	8.520	28.50	0.00	0.00	0.00	5.01	6.02	6.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.87
128	8.500	28.50	0.00	0.00	0.00	5.01	5.97	6.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.83
129	8.480	28.50	0.00	0.00	0.00	5.01	5.92	6.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.79
130	8.460	28.50	0.00	0.00	0.00	5.01	5.88	6.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.75
131	8.440	28.50	0.00	0.00	0.00	5.01	5.83	6.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.71

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

132	8.420	28.50	0.00	0.00	0.00	5.02	5.79	5.99	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.68
133	8.400	28.50	0.00	0.00	0.00	5.02	5.74	5.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.64
134	8.380	28.50	0.00	0.00	0.00	5.03	5.70	5.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.60
135	8.360	28.50	0.00	0.00	0.00	5.03	5.66	5.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.57
136	8.340	28.50	0.00	0.00	0.00	5.04	5.62	5.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.53
137	8.320	28.50	0.00	0.00	0.00	5.04	5.58	5.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.49
138	8.300	28.50	0.00	0.00	0.00	5.05	5.54	5.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.46
139	8.280	28.50	0.00	0.00	0.00	5.06	5.50	5.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.42
140	8.260	28.50	0.00	0.00	0.00	5.06	5.46	5.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.39
141	8.240	28.50	0.00	0.00	0.00	5.07	5.42	5.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.36
142	8.220	28.50	0.00	0.00	0.00	5.08	5.38	5.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.32
143	8.200	28.50	0.00	0.00	0.00	5.09	5.34	5.54	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.29
144	8.180	28.50	0.00	0.00	0.00	5.10	5.31	5.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.26
145	8.160	28.50	0.00	0.00	0.00	5.10	5.27	5.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.22
146	8.140	28.50	0.00	0.00	0.00	5.11	5.24	5.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.19
147	8.120	28.50	0.00	0.00	0.00	5.12	5.20	5.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.16
148	8.100	28.50	0.00	0.00	0.00	5.13	5.17	5.37	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.13
149	8.080	28.50	0.00	0.00	0.00	5.14	5.13	5.33	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.10
150	8.060	28.50	0.00	0.00	0.00	5.15	5.10	5.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.07
151	8.040	28.50	0.00	0.00	0.00	5.15	5.07	5.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.03
152	8.020	28.50	0.00	0.00	0.00	5.16	5.04	5.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.00
153	8.000	28.50	0.00	0.00	0.00	5.17	5.00	5.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.97
154	7.980	28.50	0.00	0.00	0.00	5.18	4.97	5.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.95
155	7.960	28.50	0.00	0.00	0.00	5.19	4.94	5.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.92
156	7.940	28.50	0.00	0.00	0.00	5.20	4.91	5.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.89
157	7.920	28.50	0.00	0.00	0.00	5.21	4.88	5.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.86
158	7.900	28.50	0.00	0.00	0.00	5.21	4.85	5.05	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.83
159	7.880	28.50	0.00	0.00	0.00	5.22	4.83	5.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.80
160	7.860	28.50	0.00	0.00	0.00	5.23	4.80	5.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.78
161	7.840	28.50	0.00	0.00	0.00	5.24	4.77	4.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.75
162	7.820	28.50	0.00	0.00	0.00	5.25	4.74	4.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.72
163	7.800	28.50	0.00	0.00	0.00	5.25	4.72	4.92	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.69
164	7.780	28.50	0.00	0.00	0.00	5.26	4.69	4.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.67
165	7.760	28.50	0.00	0.00	0.00	5.27	4.66	4.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.64
166	7.740	28.50	0.00	0.00	0.00	5.28	4.64	4.84	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.62
167	7.720	28.50	0.00	0.00	0.00	5.29	4.61	4.81	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.59
168	7.700	28.50	0.00	0.00	0.00	5.29	4.59	4.79	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.57
169	7.680	28.50	0.00	0.00	0.00	5.30	4.57	4.77	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.54
170	7.660	28.50	0.00	0.00	0.00	5.31	4.54	4.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.52
171	7.640	28.50	0.00	0.00	0.00	5.32	4.52	4.72	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.49
172	7.620	28.50	0.00	0.00	0.00	5.32	4.50	4.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.47
173	7.600	28.50	0.00	0.00	0.00	5.33	4.47	4.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.44
174	7.580	28.50	0.00	0.00	0.00	5.34	4.45	4.65	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.42
175	7.560	28.50	0.00	0.00	0.00	5.34	4.43	4.63	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.40
176	7.540	28.50	0.00	0.00	0.00	5.35	4.41	4.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.37
177	7.520	28.50	0.00	0.00	0.00	5.36	4.39	4.59	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.35
178	7.500	28.50	0.00	0.00	0.00	5.36	4.37	4.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.33
179	7.480	28.50	0.00	0.00	0.00	5.37	4.35	4.55	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.31
180	7.460	28.50	0.00	0.00	0.00	5.38	4.33	4.53	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.29
181	7.440	28.50	0.00	0.00	0.00	5.38	4.31	4.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.26
182	7.420	28.50	0.00	0.00	0.00	5.39	4.29	4.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.24

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

183	7.400	28.50	0.00	0.00	0.00	5.40	4.27	4.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.22
184	7.380	28.50	0.00	0.00	0.00	5.40	4.25	4.45	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.20
185	7.360	28.50	0.00	0.00	0.00	5.41	4.23	4.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.18
186	7.340	28.50	0.00	0.00	0.00	5.41	4.22	4.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.16
187	7.320	28.50	0.00	0.00	0.00	5.42	4.20	4.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.14
188	7.300	28.50	0.00	0.00	0.00	5.43	4.18	4.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.12
189	7.280	28.50	0.00	0.00	0.00	5.43	4.16	4.36	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.10
190	7.260	28.50	0.00	0.00	0.00	5.44	4.15	4.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.08
191	7.240	28.50	0.00	0.00	0.00	5.44	4.13	4.33	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.06
192	7.220	28.50	0.00	0.00	0.00	5.45	4.11	4.31	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.04
193	7.200	28.50	0.00	0.00	0.00	5.45	4.10	4.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.02
194	7.180	28.50	0.00	0.00	0.00	5.46	4.08	4.28	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.01
195	7.160	28.50	0.00	0.00	0.00	5.46	4.07	4.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.99
196	7.140	28.50	0.00	0.00	0.00	5.47	4.05	4.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.97
197	7.120	28.50	0.00	0.00	0.00	5.47	4.04	4.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.95
198	7.100	28.50	0.00	0.00	0.00	5.48	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.93
199	7.080	28.50	0.00	0.00	0.00	5.48	4.01	4.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.92
200	7.060	28.50	0.00	0.00	0.00	5.49	3.99	4.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.90
201	7.040	28.50	0.00	0.00	0.00	5.49	3.98	4.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.88
202	7.020	28.50	0.00	0.00	0.00	5.50	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.86
203	7.000	28.50	0.00	0.00	0.00	5.50	3.95	4.15	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.85
204	6.980	28.50	0.00	0.00	0.00	5.51	3.94	4.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.83
205	6.960	28.50	0.00	0.00	0.00	5.51	3.93	4.13	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.82
206	6.940	28.50	0.00	0.00	0.00	5.51	3.92	4.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.80
207	6.920	28.50	0.00	0.00	0.00	5.52	3.90	4.10	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.78
208	6.900	28.50	0.00	0.00	0.00	5.52	3.89	4.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.77
209	6.880	28.50	0.00	0.00	0.00	5.53	3.88	4.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.75
210	6.860	28.50	0.00	0.00	0.00	5.53	3.87	4.07	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.74
211	6.840	28.50	0.00	0.00	0.00	5.54	3.86	4.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.72
212	6.820	28.50	0.00	0.00	0.00	5.54	3.84	4.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.71
213	6.800	28.50	0.00	0.00	0.00	5.54	3.83	4.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.69
214	6.780	28.50	0.00	0.00	0.00	5.55	3.82	4.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.68
215	6.760	28.50	0.00	0.00	0.00	5.55	3.81	4.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.66
216	6.740	28.50	0.00	0.00	0.00	5.55	3.80	4.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.65
217	6.720	28.50	0.00	0.00	0.00	5.56	3.79	3.99	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.63
218	6.700	28.50	0.00	0.00	0.00	5.56	3.78	3.98	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.62
219	6.680	28.50	0.00	0.00	0.00	5.57	3.77	3.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.61
220	6.660	28.50	0.00	0.00	0.00	5.57	3.76	3.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.59
221	6.640	28.50	0.00	0.00	0.00	5.57	3.75	3.95	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.58
222	6.620	28.50	0.00	0.00	0.00	5.58	3.74	3.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.57
223	6.600	28.50	0.00	0.00	0.00	5.58	3.73	3.93	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.55
224	6.580	28.50	0.00	0.00	0.00	5.58	3.72	3.92	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.54
225	6.560	28.50	0.00	0.00	0.00	5.59	3.71	3.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.53
226	6.540	28.50	0.00	0.00	0.00	5.59	3.71	3.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.52
227	6.520	28.50	0.00	0.00	0.00	5.59	3.70	3.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.50
228	6.500	28.50	0.00	0.00	0.00	5.59	3.69	3.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.49
229	6.480	28.50	0.00	0.00	0.00	5.60	3.68	3.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.48
230	6.460	28.50	0.00	0.00	0.00	5.60	3.67	3.87	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.47
231	6.440	28.50	0.00	0.00	0.00	5.60	3.66	3.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.46
232	6.420	28.50	0.00	0.00	0.00	5.61	3.66	3.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.44
233	6.400	28.50	0.00	0.00	0.00	5.61	3.65	3.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.43



259	5.90	5.88	0.05924	97.55	0.01501	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
260	5.88	5.86	0.05922	97.55	0.01500	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
261	5.86	5.84	0.05920	97.55	0.01500	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
262	5.84	5.82	0.05918	97.55	0.01499	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
263	5.82	5.80	0.05916	97.55	0.01499	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
264	5.80	5.78	0.05914	97.55	0.01498	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
265	5.78	5.76	0.05912	97.55	0.01498	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
266	5.76	5.74	0.05910	97.55	0.01497	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
267	5.74	5.72	0.05908	97.55	0.01497	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
268	5.72	5.70	0.05906	97.55	0.01496	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
269	5.70	5.68	0.05904	97.55	0.01496	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
270	5.68	5.66	0.05902	97.55	0.01495	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
271	5.66	5.64	0.05900	97.55	0.01495	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
272	5.64	5.62	0.05898	97.55	0.01494	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
273	5.62	5.60	0.05896	97.55	0.01494	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
274	5.60	5.58	0.05894	97.55	0.01493	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
275	5.58	5.56	0.05892	97.55	0.01493	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
276	5.56	5.54	0.05890	97.55	0.01492	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
277	5.54	5.52	0.05888	97.55	0.01492	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
278	5.52	5.50	0.05886	97.55	0.01491	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
279	5.50	5.48	0.05884	97.55	0.01491	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
280	5.48	5.46	0.05882	97.55	0.01490	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
281	5.46	5.44	0.05880	97.55	0.01490	0.02	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.015
TOT						0.59			2999.71	8339.48					
AVG					0.01499		0.36	10.97			3.95				
CUM						24.91									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
244	6.180	7.76	2.87	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
245	6.160	7.76	2.87	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
246	6.140	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
247	6.120	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
248	6.100	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
249	6.080	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
250	6.060	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
251	6.040	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
252	6.020	7.76	2.86	0.22	0.12	0.00	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
253	6.000	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
254	5.980	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
255	5.960	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
256	5.940	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
257	5.920	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
258	5.900	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
259	5.880	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

260	5.860	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
261	5.840	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
262	5.820	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
263	5.800	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
264	5.780	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
265	5.760	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
266	5.740	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
267	5.720	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
268	5.700	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
269	5.680	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
270	5.660	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
271	5.640	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
272	5.620	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
273	5.600	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
274	5.580	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
275	5.560	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
276	5.540	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
277	5.520	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
278	5.500	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
279	5.480	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
280	5.460	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
281	5.440	7.76	2.86	0.22	0.12	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE	2.44				0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
244	6.180	28.50	0.00	0.00	0.00	5.17	14.63	14.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.65
245	6.160	28.50	0.00	0.00	0.00	5.19	14.63	14.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.64
246	6.140	28.50	0.00	0.00	0.00	5.20	14.64	14.84	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.63
247	6.120	28.50	0.00	0.00	0.00	5.22	14.65	14.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.61
248	6.100	28.50	0.00	0.00	0.00	5.23	14.66	14.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.60
249	6.080	28.50	0.00	0.00	0.00	5.25	14.67	14.87	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.59
250	6.060	28.50	0.00	0.00	0.00	5.26	14.68	14.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.58
251	6.040	28.50	0.00	0.00	0.00	5.28	14.69	14.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.57
252	6.020	28.50	0.00	0.00	0.00	5.29	14.69	14.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.56
253	6.000	28.50	0.00	0.00	0.00	5.30	14.70	14.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.55
254	5.980	28.50	0.00	0.00	0.00	5.31	14.71	14.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.54
255	5.960	28.50	0.00	0.00	0.00	5.33	14.72	14.92	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.53
256	5.940	28.50	0.00	0.00	0.00	5.34	14.73	14.93	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.52
257	5.920	28.50	0.00	0.00	0.00	5.35	14.74	14.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.51
258	5.900	28.50	0.00	0.00	0.00	5.36	14.74	14.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.50
259	5.880	28.50	0.00	0.00	0.00	5.37	14.75	14.95	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.49
260	5.860	28.50	0.00	0.00	0.00	5.38	14.76	14.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.47

261	5.840	28.50	0.00	0.00	0.00	5.38	14.77	14.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.46
262	5.820	28.50	0.00	0.00	0.00	5.39	14.78	14.98	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.45
263	5.800	28.50	0.00	0.00	0.00	5.40	14.78	14.98	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.44
264	5.780	28.50	0.00	0.00	0.00	5.41	14.79	14.99	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.43
265	5.760	28.50	0.00	0.00	0.00	5.42	14.80	15.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.42
266	5.740	28.50	0.00	0.00	0.00	5.42	14.81	15.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.41
267	5.720	28.50	0.00	0.00	0.00	5.43	14.82	15.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.40
268	5.700	28.50	0.00	0.00	0.00	5.44	14.82	15.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.39
269	5.680	28.50	0.00	0.00	0.00	5.44	14.83	15.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.38
270	5.660	28.50	0.00	0.00	0.00	5.45	14.84	15.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.37
271	5.640	28.50	0.00	0.00	0.00	5.45	14.85	15.05	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.36
272	5.620	28.50	0.00	0.00	0.00	5.46	14.86	15.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.35
273	5.600	28.50	0.00	0.00	0.00	5.46	14.86	15.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.34
274	5.580	28.50	0.00	0.00	0.00	5.47	14.87	15.07	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.33
275	5.560	28.50	0.00	0.00	0.00	5.47	14.88	15.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.32
276	5.540	28.50	0.00	0.00	0.00	5.48	14.89	15.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.31
277	5.520	28.50	0.00	0.00	0.00	5.48	14.89	15.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.30
278	5.500	28.50	0.00	0.00	0.00	5.49	14.90	15.10	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.29
279	5.480	28.50	0.00	0.00	0.00	5.49	14.91	15.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.28
280	5.460	28.50	0.00	0.00	0.00	5.49	14.91	15.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.27
281	5.440	28.50	0.00	0.00	0.00	5.49	14.92	15.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.26

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 8 OLD ST RD TO WEST ELMWOOD DITCH

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
282	UPR RCH	0.05880	28.50	0.00	0.00	0.00	5.49	14.92	15.12	0.00	0.00	0.00	0.00	10.00	0.00	13.26
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
282	5.44	5.42	0.05878	97.55	0.01228	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
283	5.42	5.40	0.05876	97.55	0.01228	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
284	5.40	5.38	0.05874	97.55	0.01227	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
285	5.38	5.36	0.05872	97.55	0.01227	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
286	5.36	5.34	0.05870	97.55	0.01226	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012

287	5.34	5.32	0.05868	97.55	0.01226	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
288	5.32	5.30	0.05866	97.55	0.01226	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
289	5.30	5.28	0.05864	97.55	0.01225	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
290	5.28	5.26	0.05862	97.55	0.01225	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
291	5.26	5.24	0.05860	97.55	0.01224	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
TOT						0.19			957.26	1950.80					
AVG					0.01226		0.49	9.75			4.79				
CUM						25.10									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAT 1/da	CBOD SETT 1/da	ANBOD DECAT 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAT 1/da	ORGN SETT 1/da	NH3 DECAT 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAT 1/da	NCM DECAT 1/da	NCM SETT 1/da
282	5.420	7.76	2.00	0.22	0.12	0.00	0.00	1.29	1.29	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
283	5.400	7.76	2.00	0.22	0.12	0.00	0.00	1.29	1.29	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
284	5.380	7.76	2.00	0.22	0.12	0.00	0.00	1.28	1.28	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
285	5.360	7.76	2.00	0.22	0.12	0.00	0.00	1.28	1.28	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
286	5.340	7.76	2.00	0.22	0.12	0.00	0.00	1.27	1.27	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
287	5.320	7.76	2.00	0.22	0.12	0.00	0.00	1.27	1.27	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
288	5.300	7.76	2.00	0.22	0.12	0.00	0.00	1.26	1.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
289	5.280	7.76	2.00	0.22	0.12	0.00	0.00	1.26	1.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
290	5.260	7.76	2.00	0.22	0.12	0.00	0.00	1.26	1.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
291	5.240	7.76	2.00	0.22	0.12	0.00	0.00	1.25	1.25	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			1.71		0.10					0.00										0.05

\* g/sq m/d      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
282	5.420	28.50	0.00	0.00	0.00	5.47	14.86	15.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.23
283	5.400	28.50	0.00	0.00	0.00	5.44	14.81	15.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.20
284	5.380	28.50	0.00	0.00	0.00	5.41	14.76	14.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.17
285	5.360	28.50	0.00	0.00	0.00	5.38	14.70	14.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.14
286	5.340	28.50	0.00	0.00	0.00	5.36	14.65	14.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.11
287	5.320	28.50	0.00	0.00	0.00	5.34	14.60	14.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.08
288	5.300	28.50	0.00	0.00	0.00	5.31	14.54	14.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.04
289	5.280	28.50	0.00	0.00	0.00	5.29	14.49	14.69	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	13.01
290	5.260	28.50	0.00	0.00	0.00	5.27	14.44	14.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.98
291	5.240	28.50	0.00	0.00	0.00	5.26	14.39	14.59	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.95

\* CM-I = CHLORIDES

CM-II = SULFATES

NCM = NBOD

MG/L  
 \*\* g/cu m

MG/L

MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN PROJECTION  
 REACH NO. 10 W ELMWOOD DITCH TO ALM RR

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
328	UPR RCH	0.05860	28.50	0.00	0.00	0.00	5.26	14.39	14.59	0.00	0.00	0.00	0.00	10.00	0.00	12.95
328	TRIB	0.00028	28.50	0.00	0.00	0.00	6.30	10.09	10.29	0.00	0.00	0.00	0.00	10.00	0.00	9.38
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
328	5.24	5.22	0.05887	97.08	0.01230	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
329	5.22	5.20	0.05885	97.08	0.01229	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
330	5.20	5.18	0.05882	97.08	0.01229	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
331	5.18	5.16	0.05880	97.08	0.01229	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
332	5.16	5.14	0.05878	97.08	0.01228	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
333	5.14	5.12	0.05876	97.08	0.01228	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
334	5.12	5.10	0.05874	97.08	0.01227	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
335	5.10	5.08	0.05872	97.08	0.01227	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
336	5.08	5.06	0.05870	97.08	0.01226	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
337	5.06	5.04	0.05868	97.08	0.01226	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
338	5.04	5.02	0.05866	97.08	0.01226	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
339	5.02	5.00	0.05864	97.08	0.01225	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
340	5.00	4.98	0.05862	97.08	0.01225	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
341	4.98	4.96	0.05860	97.08	0.01224	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
342	4.96	4.94	0.05858	97.08	0.01224	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
343	4.94	4.92	0.05856	97.08	0.01224	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
344	4.92	4.90	0.05854	97.08	0.01223	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
345	4.90	4.88	0.05852	97.08	0.01223	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
346	4.88	4.86	0.05850	97.08	0.01222	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
347	4.86	4.84	0.05848	97.08	0.01222	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
348	4.84	4.82	0.05846	97.08	0.01221	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
349	4.82	4.80	0.05844	97.08	0.01221	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
350	4.80	4.78	0.05842	97.08	0.01221	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
351	4.78	4.76	0.05840	97.08	0.01220	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
352	4.76	4.74	0.05838	97.08	0.01220	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
353	4.74	4.72	0.05836	97.08	0.01219	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
354	4.72	4.70	0.05834	97.08	0.01219	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

355	4.70	4.68	0.05832	97.08	0.01218	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.012
TOT						0.53			2680.32	5462.24					
AVG					0.01224		0.49	9.75			4.79				
CUM						25.63									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
328	5.220	7.76	2.01	0.22	0.12	0.00	0.00	1.24	1.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
329	5.200	7.76	2.01	0.22	0.12	0.00	0.00	1.24	1.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
330	5.180	7.76	2.01	0.22	0.12	0.00	0.00	1.24	1.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
331	5.160	7.76	2.00	0.22	0.12	0.00	0.00	1.23	1.23	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
332	5.140	7.76	2.00	0.22	0.12	0.00	0.00	1.23	1.23	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
333	5.120	7.76	2.00	0.22	0.12	0.00	0.00	1.23	1.23	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
334	5.100	7.76	2.00	0.22	0.12	0.00	0.00	1.22	1.22	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
335	5.080	7.76	2.00	0.22	0.12	0.00	0.00	1.22	1.22	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
336	5.060	7.76	2.00	0.22	0.12	0.00	0.00	1.21	1.21	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
337	5.040	7.76	2.00	0.22	0.12	0.00	0.00	1.21	1.21	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
338	5.020	7.76	2.00	0.22	0.12	0.00	0.00	1.21	1.21	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
339	5.000	7.76	2.00	0.22	0.12	0.00	0.00	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
340	4.980	7.76	2.00	0.22	0.12	0.00	0.00	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
341	4.960	7.76	2.00	0.22	0.12	0.00	0.00	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
342	4.940	7.76	2.00	0.22	0.12	0.00	0.00	1.19	1.19	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
343	4.920	7.76	2.00	0.22	0.12	0.00	0.00	1.19	1.19	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
344	4.900	7.76	2.00	0.22	0.12	0.00	0.00	1.19	1.19	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
345	4.880	7.76	2.00	0.22	0.12	0.00	0.00	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
346	4.860	7.76	2.00	0.22	0.12	0.00	0.00	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
347	4.840	7.76	2.00	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
348	4.820	7.76	2.00	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
349	4.800	7.76	2.00	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
350	4.780	7.76	2.00	0.22	0.12	0.00	0.00	1.16	1.16	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
351	4.760	7.76	2.00	0.22	0.12	0.00	0.00	1.16	1.16	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
352	4.740	7.76	2.00	0.22	0.12	0.00	0.00	1.16	1.16	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
353	4.720	7.76	2.00	0.22	0.12	0.00	0.00	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
354	4.700	7.76	2.00	0.22	0.12	0.00	0.00	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
355	4.680	7.76	2.00	0.22	0.12	0.00	0.00	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00				0.00	0.10	
AVG 20 DEG C RATE			1.71		0.10						0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM	ENDING	TEMP	SALN	CM-I	CM-II	DO	BOD	EBOD	ORGN	NH3	NO3+2	TOTN	PHOS	CHL A	MACRO	COLI	NCM
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NO.	DIST	DEG C	PPT	*	*	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	**	#/100mL	*
328	5.220	28.50	0.00	0.00	0.00	5.25	14.29	14.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.87
329	5.200	28.50	0.00	0.00	0.00	5.24	14.24	14.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.84
330	5.180	28.50	0.00	0.00	0.00	5.22	14.20	14.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.80
331	5.160	28.50	0.00	0.00	0.00	5.21	14.15	14.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.77
332	5.140	28.50	0.00	0.00	0.00	5.20	14.11	14.31	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.73
333	5.120	28.50	0.00	0.00	0.00	5.18	14.06	14.26	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.70
334	5.100	28.50	0.00	0.00	0.00	5.17	14.02	14.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.66
335	5.080	28.50	0.00	0.00	0.00	5.16	13.97	14.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.63
336	5.060	28.50	0.00	0.00	0.00	5.15	13.93	14.13	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.59
337	5.040	28.50	0.00	0.00	0.00	5.14	13.89	14.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.56
338	5.020	28.50	0.00	0.00	0.00	5.14	13.84	14.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.52
339	5.000	28.50	0.00	0.00	0.00	5.13	13.80	14.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.49
340	4.980	28.50	0.00	0.00	0.00	5.12	13.76	13.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.45
341	4.960	28.50	0.00	0.00	0.00	5.12	13.71	13.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.42
342	4.940	28.50	0.00	0.00	0.00	5.11	13.67	13.87	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.38
343	4.920	28.50	0.00	0.00	0.00	5.11	13.63	13.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.35
344	4.900	28.50	0.00	0.00	0.00	5.10	13.59	13.79	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.31
345	4.880	28.50	0.00	0.00	0.00	5.10	13.55	13.75	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.28
346	4.860	28.50	0.00	0.00	0.00	5.09	13.51	13.71	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.25
347	4.840	28.50	0.00	0.00	0.00	5.09	13.46	13.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.21
348	4.820	28.50	0.00	0.00	0.00	5.09	13.42	13.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.18
349	4.800	28.50	0.00	0.00	0.00	5.09	13.38	13.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.15
350	4.780	28.50	0.00	0.00	0.00	5.09	13.34	13.54	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.11
351	4.760	28.50	0.00	0.00	0.00	5.09	13.30	13.50	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.08
352	4.740	28.50	0.00	0.00	0.00	5.09	13.26	13.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.05
353	4.720	28.50	0.00	0.00	0.00	5.09	13.22	13.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	12.02
354	4.700	28.50	0.00	0.00	0.00	5.09	13.18	13.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	11.98
355	4.680	28.50	0.00	0.00	0.00	5.09	13.15	13.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	11.95

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 11 ALM RR TO NORTH MONROE DITCH

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
356	UPR RCH	0.05832	28.50	0.00	0.00	0.00	5.09	13.15	13.35	0.00	0.00	0.00	0.00	10.00	0.00	11.95
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*





432	4.36	4.34	0.06396	96.91	0.01530	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
433	4.34	4.32	0.06394	96.91	0.01530	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
434	4.32	4.30	0.06392	96.91	0.01529	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
435	4.30	4.28	0.06390	96.91	0.01529	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
436	4.28	4.26	0.06388	96.91	0.01528	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
437	4.26	4.24	0.06386	96.91	0.01528	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
438	4.24	4.22	0.06384	96.91	0.01527	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
439	4.22	4.20	0.06382	96.91	0.01527	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
440	4.20	4.18	0.06380	96.91	0.01526	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
441	4.18	4.16	0.06378	96.91	0.01526	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
442	4.16	4.14	0.06376	96.91	0.01525	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
443	4.14	4.12	0.06374	96.91	0.01525	0.02	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.015
TOT						0.18			1003.28	3657.60					
AVG					0.01527		0.27	15.24			4.18				
CUM						26.02									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
432	4.340	7.76	3.77	0.22	0.12	0.00	0.12	1.01	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.18	0.06
433	4.320	7.76	3.77	0.22	0.12	0.00	0.12	1.01	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.18	0.06
434	4.300	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.18	0.06
435	4.280	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.18	0.06
436	4.260	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.18	0.06
437	4.240	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
438	4.220	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.00	0.18	0.06
439	4.200	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.18	0.06
440	4.180	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.18	0.06
441	4.160	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.18	0.06
442	4.140	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00	0.18	0.06
443	4.120	7.76	3.77	0.22	0.12	0.00	0.12	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
20 DEG C RATE				0.15		0.00	0.07			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			3.22		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
432	4.340	28.50	0.00	0.00	0.00	5.69	18.15	18.34	0.00	0.00	0.00	0.00	0.00	9.58	0.00	0.00	16.55
433	4.320	28.50	0.00	0.00	0.00	5.68	18.14	18.32	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	16.53
434	4.300	28.50	0.00	0.00	0.00	5.67	18.12	18.30	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	16.52



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da	
444	4.100	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
445	4.080	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
446	4.060	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
447	4.040	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
448	4.020	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
449	4.000	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
450	3.980	7.76	6.81	0.22	0.12	0.00	1.71	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
451	3.960	7.76	6.81	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
452	3.940	7.76	6.81	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
453	3.920	7.76	6.81	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
454	3.900	7.76	6.81	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
455	3.880	7.76	6.81	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
456	3.860	7.76	6.81	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06	
20 DEG C RATE				0.15		0.00		1.00		0.00		0.00		0.00		0.00		0.00		0.10	
AVG 20 DEG C RATE			5.82		0.10						0.00								0.05		

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
444	4.100	28.50	0.00	0.00	0.00	5.53	17.96	18.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.36
445	4.080	28.50	0.00	0.00	0.00	5.52	17.93	18.03	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.34
446	4.060	28.50	0.00	0.00	0.00	5.51	17.90	18.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.32
447	4.040	28.50	0.00	0.00	0.00	5.51	17.87	17.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.30
448	4.020	28.50	0.00	0.00	0.00	5.51	17.84	17.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.29
449	4.000	28.50	0.00	0.00	0.00	5.50	17.82	17.92	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.27
450	3.980	28.50	0.00	0.00	0.00	5.50	17.79	17.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.25
451	3.960	28.50	0.00	0.00	0.00	5.49	17.76	17.86	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.23
452	3.940	28.50	0.00	0.00	0.00	5.49	17.73	17.83	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.21
453	3.920	28.50	0.00	0.00	0.00	5.48	17.70	17.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.19
454	3.900	28.50	0.00	0.00	0.00	5.48	17.67	17.77	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.17
455	3.880	28.50	0.00	0.00	0.00	5.48	17.64	17.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.16
456	3.860	28.50	0.00	0.00	0.00	5.48	17.61	17.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.13

\* CM-I = CHLORIDES MG/L                      CM-II = SULFATES MG/L                      NCM = NBOD MG/L  
 \*\* g/cu m

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 16 N GATE DITCH TO NORTHSIDE DITCH

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
517	UPR RCH	0.06374	28.50	0.00	0.00	0.00	5.48	17.61	17.71	0.00	0.00	0.00	0.00	5.00	0.00	16.13
517	TRIB	0.00028	28.50	0.00	0.00	0.00	6.82	8.88	8.98	0.00	0.00	0.00	0.00	5.00	0.00	8.60

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
517	3.86	3.84	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
518	3.84	3.82	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
519	3.82	3.80	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
520	3.80	3.78	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
521	3.78	3.76	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
522	3.76	3.74	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
523	3.74	3.72	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
524	3.72	3.70	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
525	3.70	3.68	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
526	3.68	3.66	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
527	3.66	3.64	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
528	3.64	3.62	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
529	3.62	3.60	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
530	3.60	3.58	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
531	3.58	3.56	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
532	3.56	3.54	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
533	3.54	3.52	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
534	3.52	3.50	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
535	3.50	3.48	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
536	3.48	3.46	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
537	3.46	3.44	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
538	3.44	3.42	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
539	3.42	3.40	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
540	3.40	3.38	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
541	3.38	3.36	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
542	3.36	3.34	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
543	3.34	3.32	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
544	3.32	3.30	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
545	3.30	3.28	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
546	3.28	3.26	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
547	3.26	3.24	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
548	3.24	3.22	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048

549	3.22	3.20	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
550	3.20	3.18	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
551	3.18	3.16	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
552	3.16	3.14	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
553	3.14	3.12	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
554	3.12	3.10	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
555	3.10	3.08	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
556	3.08	3.06	0.06402	96.48	0.04820	0.00	0.23	5.70	26.57	113.93	1.33	0.00	0.000	0.078	0.048
TOT							0.19		1062.67	4557.12					
AVG			0.04820					0.23	5.70		1.33				
CUM							26.28								

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAY 1/da	CBOD SETT 1/da	ANBOD DECAY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAY 1/da	ORGN SETT 1/da	NH3 DECAY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAY 1/da	NCM DECAY 1/da	NCM SETT 1/da
517	3.840	7.76	6.80	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
518	3.820	7.76	6.80	0.22	0.12	0.00	1.71	2.44	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
519	3.800	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
520	3.780	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
521	3.760	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
522	3.740	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
523	3.720	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
524	3.700	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
525	3.680	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
526	3.660	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
527	3.640	7.76	6.80	0.22	0.12	0.00	1.71	2.43	2.43	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
528	3.620	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
529	3.600	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
530	3.580	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
531	3.560	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
532	3.540	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
533	3.520	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
534	3.500	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
535	3.480	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
536	3.460	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
537	3.440	7.76	6.80	0.22	0.12	0.00	1.71	2.42	2.42	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
538	3.420	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
539	3.400	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
540	3.380	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
541	3.360	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
542	3.340	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
543	3.320	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
544	3.300	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
545	3.280	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
546	3.260	7.76	6.80	0.22	0.12	0.00	1.71	2.41	2.41	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
547	3.240	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

548	3.220	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
549	3.200	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
550	3.180	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
551	3.160	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
552	3.140	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
553	3.120	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
554	3.100	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
555	3.080	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
556	3.060	7.76	6.80	0.22	0.12	0.00	1.71	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	1.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			5.80		0.10					0.00										0.05

\* g/sq m/d                    \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
517	3.840	28.50	0.00	0.00	0.00	5.48	17.52	17.62	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.06
518	3.820	28.50	0.00	0.00	0.00	5.48	17.49	17.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.04
519	3.800	28.50	0.00	0.00	0.00	5.48	17.46	17.56	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.03
520	3.780	28.50	0.00	0.00	0.00	5.47	17.43	17.53	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	16.01
521	3.760	28.50	0.00	0.00	0.00	5.47	17.40	17.50	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.99
522	3.740	28.50	0.00	0.00	0.00	5.47	17.37	17.47	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.97
523	3.720	28.50	0.00	0.00	0.00	5.47	17.34	17.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.95
524	3.700	28.50	0.00	0.00	0.00	5.46	17.32	17.42	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.93
525	3.680	28.50	0.00	0.00	0.00	5.46	17.29	17.39	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.92
526	3.660	28.50	0.00	0.00	0.00	5.46	17.26	17.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.90
527	3.640	28.50	0.00	0.00	0.00	5.46	17.23	17.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.88
528	3.620	28.50	0.00	0.00	0.00	5.46	17.20	17.30	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.86
529	3.600	28.50	0.00	0.00	0.00	5.45	17.17	17.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.84
530	3.580	28.50	0.00	0.00	0.00	5.45	17.14	17.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.82
531	3.560	28.50	0.00	0.00	0.00	5.45	17.12	17.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.81
532	3.540	28.50	0.00	0.00	0.00	5.45	17.09	17.19	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.79
533	3.520	28.50	0.00	0.00	0.00	5.45	17.06	17.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.77
534	3.500	28.50	0.00	0.00	0.00	5.45	17.03	17.13	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.75
535	3.480	28.50	0.00	0.00	0.00	5.45	17.00	17.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.73
536	3.460	28.50	0.00	0.00	0.00	5.45	16.98	17.08	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.72
537	3.440	28.50	0.00	0.00	0.00	5.45	16.95	17.05	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.70
538	3.420	28.50	0.00	0.00	0.00	5.45	16.92	17.02	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.68
539	3.400	28.50	0.00	0.00	0.00	5.44	16.89	16.99	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.66
540	3.380	28.50	0.00	0.00	0.00	5.44	16.86	16.96	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.64
541	3.360	28.50	0.00	0.00	0.00	5.44	16.84	16.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.63
542	3.340	28.50	0.00	0.00	0.00	5.44	16.81	16.91	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.61
543	3.320	28.50	0.00	0.00	0.00	5.44	16.78	16.88	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.59
544	3.300	28.50	0.00	0.00	0.00	5.44	16.75	16.85	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.57
545	3.280	28.50	0.00	0.00	0.00	5.44	16.73	16.83	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.56
546	3.260	28.50	0.00	0.00	0.00	5.44	16.70	16.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.54

547	3.240	28.50	0.00	0.00	0.00	5.44	16.67	16.77	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.52
548	3.220	28.50	0.00	0.00	0.00	5.44	16.64	16.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.50
549	3.200	28.50	0.00	0.00	0.00	5.44	16.62	16.72	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.48
550	3.180	28.50	0.00	0.00	0.00	5.44	16.59	16.69	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.47
551	3.160	28.50	0.00	0.00	0.00	5.44	16.56	16.66	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.45
552	3.140	28.50	0.00	0.00	0.00	5.44	16.53	16.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.43
553	3.120	28.50	0.00	0.00	0.00	5.44	16.51	16.61	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.41
554	3.100	28.50	0.00	0.00	0.00	5.45	16.48	16.58	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.40
555	3.080	28.50	0.00	0.00	0.00	5.45	16.45	16.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.38
556	3.060	28.50	0.00	0.00	0.00	5.45	16.42	16.52	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.36

\* CM-I = CHLORIDES                                  CM-II = SULFATES                                  NCM = NBOD  
                  MG/L    MG/L    MG/L  
\*\* g/cu m

FINAL REPORT      B CHAUVIN @ HWY 139  
REACH NO. 18      N SIDE DITCH TO OUACHITA R LEVEE

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
627	UPR RCH	0.06402	28.50	0.00	0.00	0.00	5.45	16.42	16.52	0.00	0.00	0.00	0.00	5.00	0.00	15.36
627	TRIB	0.00028	28.50	0.00	0.00	0.00	6.82	8.26	8.36	0.00	0.00	0.00	0.00	5.00	0.00	8.17
EACH	INCR	0.0000	25.00	0.00	27.50	17.50	3.00	2.00	2.00	0.00	0.00	0.00	0.00		0.00	2.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
627	3.06	3.04	0.06434	96.01	0.04823	0.00	0.23	5.70	26.68	114.07	1.33	0.00	0.000	0.075	0.048
628	3.04	3.02	0.06437	95.96	0.04823	0.00	0.23	5.70	26.69	114.09	1.33	0.00	0.000	0.075	0.048
629	3.02	3.00	0.06440	95.91	0.04823	0.00	0.23	5.71	26.71	114.10	1.34	0.00	0.000	0.075	0.048
630	3.00	2.98	0.06444	95.86	0.04823	0.00	0.23	5.71	26.72	114.12	1.34	0.00	0.000	0.075	0.048
631	2.98	2.96	0.06447	95.81	0.04824	0.00	0.23	5.71	26.73	114.13	1.34	0.00	0.000	0.075	0.048
632	2.96	2.94	0.06450	95.76	0.04824	0.00	0.23	5.71	26.74	114.15	1.34	0.00	0.000	0.075	0.048
633	2.94	2.92	0.06453	95.72	0.04824	0.00	0.23	5.71	26.75	114.16	1.34	0.00	0.000	0.075	0.048
634	2.92	2.90	0.06457	95.67	0.04825	0.00	0.23	5.71	26.77	114.18	1.34	0.00	0.000	0.075	0.048
635	2.90	2.88	0.06460	95.62	0.04825	0.00	0.23	5.71	26.78	114.19	1.34	0.00	0.000	0.075	0.048
636	2.88	2.86	0.06463	95.57	0.04825	0.00	0.23	5.71	26.79	114.21	1.34	0.00	0.000	0.075	0.048
637	2.86	2.84	0.06466	95.52	0.04825	0.00	0.23	5.71	26.80	114.22	1.34	0.00	0.000	0.075	0.048
638	2.84	2.82	0.06470	95.47	0.04826	0.00	0.23	5.71	26.81	114.24	1.34	0.00	0.000	0.075	0.048
639	2.82	2.80	0.06473	95.43	0.04826	0.00	0.23	5.71	26.83	114.25	1.34	0.00	0.000	0.075	0.048
640	2.80	2.78	0.06476	95.38	0.04826	0.00	0.23	5.71	26.84	114.27	1.34	0.00	0.000	0.075	0.048
641	2.78	2.76	0.06480	95.33	0.04827	0.00	0.23	5.71	26.85	114.28	1.34	0.00	0.000	0.075	0.048

642	2.76	2.74	0.06483	95.28	0.04827	0.00	0.24	5.71	26.86	114.30	1.34	0.00	0.000	0.075	0.048
643	2.74	2.72	0.06486	95.23	0.04827	0.00	0.24	5.72	26.87	114.31	1.34	0.00	0.000	0.075	0.048
644	2.72	2.70	0.06489	95.19	0.04827	0.00	0.24	5.72	26.89	114.33	1.34	0.00	0.000	0.075	0.048
645	2.70	2.68	0.06493	95.14	0.04828	0.00	0.24	5.72	26.90	114.34	1.34	0.00	0.000	0.075	0.048
646	2.68	2.66	0.06496	95.09	0.04828	0.00	0.24	5.72	26.91	114.36	1.35	0.00	0.000	0.075	0.048
647	2.66	2.64	0.06499	95.04	0.04828	0.00	0.24	5.72	26.92	114.37	1.35	0.00	0.000	0.075	0.048
648	2.64	2.62	0.06502	94.99	0.04828	0.00	0.24	5.72	26.93	114.39	1.35	0.00	0.000	0.075	0.048
649	2.62	2.60	0.06506	94.95	0.04829	0.00	0.24	5.72	26.95	114.40	1.35	0.00	0.000	0.075	0.048
650	2.60	2.58	0.06509	94.90	0.04829	0.00	0.24	5.72	26.96	114.42	1.35	0.00	0.000	0.075	0.048
651	2.58	2.56	0.06512	94.85	0.04829	0.00	0.24	5.72	26.97	114.43	1.35	0.00	0.000	0.075	0.048
652	2.56	2.54	0.06515	94.80	0.04830	0.00	0.24	5.72	26.98	114.45	1.35	0.00	0.000	0.075	0.048
653	2.54	2.52	0.06519	94.76	0.04830	0.00	0.24	5.72	26.99	114.46	1.35	0.00	0.000	0.075	0.048
654	2.52	2.50	0.06522	94.71	0.04830	0.00	0.24	5.72	27.01	114.48	1.35	0.00	0.000	0.075	0.048
655	2.50	2.48	0.06525	94.66	0.04830	0.00	0.24	5.72	27.02	114.49	1.35	0.00	0.000	0.075	0.048
656	2.48	2.46	0.06529	94.61	0.04831	0.00	0.24	5.73	27.03	114.51	1.35	0.00	0.000	0.075	0.048
657	2.46	2.44	0.06532	94.57	0.04831	0.00	0.24	5.73	27.04	114.52	1.35	0.00	0.000	0.075	0.048
658	2.44	2.42	0.06535	94.52	0.04831	0.00	0.24	5.73	27.05	114.54	1.35	0.00	0.000	0.075	0.048
659	2.42	2.40	0.06538	94.47	0.04831	0.00	0.24	5.73	27.07	114.55	1.35	0.00	0.000	0.075	0.048
660	2.40	2.38	0.06542	94.43	0.04832	0.00	0.24	5.73	27.08	114.57	1.35	0.00	0.000	0.075	0.048
661	2.38	2.36	0.06545	94.38	0.04832	0.00	0.24	5.73	27.09	114.58	1.35	0.00	0.000	0.075	0.048
662	2.36	2.34	0.06548	94.33	0.04832	0.00	0.24	5.73	27.10	114.60	1.36	0.00	0.000	0.075	0.048
663	2.34	2.32	0.06551	94.28	0.04832	0.00	0.24	5.73	27.11	114.61	1.36	0.00	0.000	0.075	0.048
664	2.32	2.30	0.06555	94.24	0.04833	0.00	0.24	5.73	27.13	114.63	1.36	0.00	0.000	0.075	0.048
665	2.30	2.28	0.06558	94.19	0.04833	0.00	0.24	5.73	27.14	114.64	1.36	0.00	0.000	0.075	0.048
666	2.28	2.26	0.06561	94.14	0.04833	0.00	0.24	5.73	27.15	114.66	1.36	0.00	0.000	0.075	0.048
667	2.26	2.24	0.06564	94.10	0.04833	0.00	0.24	5.73	27.16	114.67	1.36	0.00	0.000	0.075	0.048
668	2.24	2.22	0.06568	94.05	0.04834	0.00	0.24	5.73	27.18	114.69	1.36	0.00	0.000	0.075	0.048
669	2.22	2.20	0.06571	94.00	0.04834	0.00	0.24	5.74	27.19	114.70	1.36	0.00	0.000	0.075	0.048
670	2.20	2.18	0.06574	93.96	0.04834	0.00	0.24	5.74	27.20	114.72	1.36	0.00	0.000	0.075	0.048
671	2.18	2.16	0.06578	93.91	0.04834	0.00	0.24	5.74	27.21	114.73	1.36	0.00	0.000	0.075	0.048
672	2.16	2.14	0.06581	93.86	0.04835	0.00	0.24	5.74	27.22	114.75	1.36	0.00	0.000	0.075	0.048
673	2.14	2.12	0.06584	93.82	0.04835	0.00	0.24	5.74	27.24	114.76	1.36	0.00	0.000	0.075	0.048
674	2.12	2.10	0.06587	93.77	0.04835	0.00	0.24	5.74	27.25	114.78	1.36	0.00	0.000	0.075	0.048
675	2.10	2.08	0.06591	93.72	0.04835	0.00	0.24	5.74	27.26	114.79	1.36	0.00	0.000	0.075	0.048
676	2.08	2.06	0.06594	93.68	0.04835	0.00	0.24	5.74	27.27	114.81	1.36	0.00	0.000	0.075	0.048
677	2.06	2.04	0.06597	93.63	0.04836	0.00	0.24	5.74	27.29	114.82	1.36	0.00	0.000	0.075	0.048
678	2.04	2.02	0.06600	93.58	0.04836	0.00	0.24	5.74	27.30	114.84	1.36	0.00	0.000	0.075	0.048
679	2.02	2.00	0.06604	93.54	0.04836	0.00	0.24	5.74	27.31	114.85	1.37	0.00	0.000	0.075	0.048
680	2.00	1.98	0.06607	93.49	0.04836	0.00	0.24	5.74	27.32	114.87	1.37	0.00	0.000	0.075	0.048
681	1.98	1.96	0.06610	93.45	0.04837	0.00	0.24	5.74	27.33	114.88	1.37	0.00	0.000	0.075	0.048
682	1.96	1.94	0.06614	93.40	0.04837	0.00	0.24	5.74	27.35	114.90	1.37	0.00	0.000	0.075	0.048
683	1.94	1.92	0.06617	93.35	0.04837	0.00	0.24	5.75	27.36	114.91	1.37	0.00	0.000	0.075	0.048
684	1.92	1.90	0.06620	93.31	0.04837	0.00	0.24	5.75	27.37	114.93	1.37	0.00	0.000	0.075	0.048
685	1.90	1.88	0.06623	93.26	0.04837	0.00	0.24	5.75	27.38	114.95	1.37	0.00	0.000	0.075	0.048
686	1.88	1.86	0.06627	93.21	0.04838	0.00	0.24	5.75	27.40	114.96	1.37	0.00	0.000	0.075	0.048
687	1.86	1.84	0.06630	93.17	0.04838	0.00	0.24	5.75	27.41	114.98	1.37	0.00	0.000	0.075	0.048
688	1.84	1.82	0.06633	93.12	0.04838	0.00	0.24	5.75	27.42	114.99	1.37	0.00	0.000	0.075	0.048
689	1.82	1.80	0.06636	93.08	0.04838	0.00	0.24	5.75	27.43	115.01	1.37	0.00	0.000	0.075	0.048
690	1.80	1.78	0.06640	93.03	0.04839	0.00	0.24	5.75	27.44	115.02	1.37	0.00	0.000	0.075	0.048
691	1.78	1.76	0.06643	92.99	0.04839	0.00	0.24	5.75	27.46	115.04	1.37	0.00	0.000	0.075	0.048
692	1.76	1.74	0.06646	92.94	0.04839	0.00	0.24	5.75	27.47	115.05	1.37	0.00	0.000	0.075	0.048

693	1.74	1.72	0.06649	92.89	0.04839	0.00	0.24	5.75	27.48	115.07	1.37	0.00	0.000	0.075	0.048
694	1.72	1.70	0.06653	92.85	0.04839	0.00	0.24	5.75	27.49	115.08	1.37	0.00	0.000	0.075	0.048
695	1.70	1.68	0.06656	92.80	0.04840	0.00	0.24	5.75	27.51	115.10	1.38	0.00	0.000	0.075	0.048
696	1.68	1.66	0.06659	92.76	0.04840	0.00	0.24	5.76	27.52	115.11	1.38	0.00	0.000	0.075	0.048
697	1.66	1.64	0.06663	92.71	0.04840	0.00	0.24	5.76	27.53	115.13	1.38	0.00	0.000	0.075	0.048
698	1.64	1.62	0.06666	92.67	0.04840	0.00	0.24	5.76	27.54	115.14	1.38	0.00	0.000	0.075	0.048
699	1.62	1.60	0.06669	92.62	0.04840	0.00	0.24	5.76	27.56	115.16	1.38	0.00	0.000	0.075	0.048
700	1.60	1.58	0.06672	92.58	0.04841	0.00	0.24	5.76	27.57	115.17	1.38	0.00	0.000	0.075	0.048
701	1.58	1.56	0.06676	92.53	0.04841	0.00	0.24	5.76	27.58	115.19	1.38	0.00	0.000	0.075	0.048
702	1.56	1.54	0.06679	92.49	0.04841	0.00	0.24	5.76	27.59	115.20	1.38	0.00	0.000	0.075	0.048
703	1.54	1.52	0.06682	92.44	0.04841	0.00	0.24	5.76	27.61	115.22	1.38	0.00	0.000	0.075	0.048
704	1.52	1.50	0.06685	92.39	0.04841	0.00	0.24	5.76	27.62	115.23	1.38	0.00	0.000	0.075	0.048
705	1.50	1.48	0.06689	92.35	0.04842	0.00	0.24	5.76	27.63	115.25	1.38	0.00	0.000	0.075	0.048
706	1.48	1.46	0.06692	92.30	0.04842	0.00	0.24	5.76	27.64	115.26	1.38	0.00	0.000	0.075	0.048
707	1.46	1.44	0.06695	92.26	0.04842	0.00	0.24	5.76	27.65	115.28	1.38	0.00	0.000	0.075	0.048
708	1.44	1.42	0.06698	92.21	0.04842	0.00	0.24	5.76	27.67	115.29	1.38	0.00	0.000	0.075	0.048
709	1.42	1.40	0.06702	92.17	0.04842	0.00	0.24	5.77	27.68	115.31	1.38	0.00	0.000	0.075	0.048
710	1.40	1.38	0.06705	92.12	0.04843	0.00	0.24	5.77	27.69	115.32	1.38	0.00	0.000	0.075	0.048
711	1.38	1.36	0.06708	92.08	0.04843	0.00	0.24	5.77	27.70	115.34	1.39	0.00	0.000	0.075	0.048
712	1.36	1.34	0.06712	92.03	0.04843	0.00	0.24	5.77	27.72	115.35	1.39	0.00	0.000	0.075	0.048
713	1.34	1.32	0.06715	91.99	0.04843	0.00	0.24	5.77	27.73	115.37	1.39	0.00	0.000	0.075	0.048
714	1.32	1.30	0.06718	91.95	0.04843	0.00	0.24	5.77	27.74	115.38	1.39	0.00	0.000	0.075	0.048
715	1.30	1.28	0.06721	91.90	0.04844	0.00	0.24	5.77	27.75	115.40	1.39	0.00	0.000	0.075	0.048
716	1.28	1.26	0.06725	91.86	0.04844	0.00	0.24	5.77	27.77	115.41	1.39	0.00	0.000	0.075	0.048
717	1.26	1.24	0.06728	91.81	0.04844	0.00	0.24	5.77	27.78	115.43	1.39	0.00	0.000	0.075	0.048
718	1.24	1.22	0.06731	91.77	0.04844	0.00	0.24	5.77	27.79	115.44	1.39	0.00	0.000	0.075	0.048
719	1.22	1.20	0.06734	91.72	0.04844	0.00	0.24	5.77	27.80	115.46	1.39	0.00	0.000	0.075	0.048
720	1.20	1.18	0.06738	91.68	0.04844	0.00	0.24	5.77	27.82	115.47	1.39	0.00	0.000	0.075	0.048
721	1.18	1.16	0.06741	91.63	0.04845	0.00	0.24	5.77	27.83	115.49	1.39	0.00	0.000	0.075	0.048
722	1.16	1.14	0.06744	91.59	0.04845	0.00	0.24	5.78	27.84	115.50	1.39	0.00	0.000	0.075	0.048
723	1.14	1.12	0.06747	91.54	0.04845	0.00	0.24	5.78	27.85	115.52	1.39	0.00	0.000	0.075	0.048
724	1.12	1.10	0.06751	91.50	0.04845	0.00	0.24	5.78	27.87	115.53	1.39	0.00	0.000	0.075	0.048
725	1.10	1.08	0.06754	91.46	0.04845	0.00	0.24	5.78	27.88	115.55	1.39	0.00	0.000	0.075	0.048
726	1.08	1.06	0.06757	91.41	0.04845	0.00	0.24	5.78	27.89	115.57	1.39	0.00	0.000	0.075	0.048
727	1.06	1.04	0.06761	91.37	0.04846	0.00	0.24	5.78	27.90	115.58	1.40	0.00	0.000	0.075	0.048
728	1.04	1.02	0.06764	91.32	0.04846	0.00	0.24	5.78	27.92	115.60	1.40	0.00	0.000	0.075	0.048
729	1.02	1.00	0.06767	91.28	0.04846	0.00	0.24	5.78	27.93	115.61	1.40	0.00	0.000	0.075	0.048
730	1.00	0.98	0.06770	91.24	0.04846	0.00	0.24	5.78	27.94	115.63	1.40	0.00	0.000	0.075	0.048
731	0.98	0.96	0.06774	91.19	0.04846	0.00	0.24	5.78	27.95	115.64	1.40	0.00	0.000	0.075	0.048
732	0.96	0.94	0.06777	91.15	0.04846	0.00	0.24	5.78	27.97	115.66	1.40	0.00	0.000	0.075	0.048
733	0.94	0.92	0.06780	91.10	0.04847	0.00	0.24	5.78	27.98	115.67	1.40	0.00	0.000	0.075	0.048
734	0.92	0.90	0.06783	91.06	0.04847	0.00	0.24	5.78	27.99	115.69	1.40	0.00	0.000	0.075	0.048
735	0.90	0.88	0.06787	91.02	0.04847	0.00	0.24	5.79	28.00	115.70	1.40	0.00	0.000	0.075	0.048
736	0.88	0.86	0.06790	90.97	0.04847	0.00	0.24	5.79	28.02	115.72	1.40	0.00	0.000	0.075	0.048
737	0.86	0.84	0.06793	90.93	0.04847	0.00	0.24	5.79	28.03	115.73	1.40	0.00	0.000	0.075	0.048
738	0.84	0.82	0.06797	90.88	0.04847	0.00	0.24	5.79	28.04	115.75	1.40	0.00	0.000	0.075	0.048
739	0.82	0.80	0.06800	90.84	0.04848	0.00	0.24	5.79	28.05	115.76	1.40	0.00	0.000	0.075	0.048
740	0.80	0.78	0.06803	90.80	0.04848	0.00	0.24	5.79	28.07	115.78	1.40	0.00	0.000	0.075	0.048
741	0.78	0.76	0.06806	90.75	0.04848	0.00	0.24	5.79	28.08	115.79	1.40	0.00	0.000	0.075	0.048
742	0.76	0.74	0.06810	90.71	0.04848	0.00	0.24	5.79	28.09	115.81	1.40	0.00	0.000	0.075	0.048
743	0.74	0.72	0.06813	90.67	0.04848	0.00	0.24	5.79	28.10	115.82	1.41	0.00	0.000	0.075	0.048

744	0.72	0.70	0.06816	90.62	0.04848	0.00	0.24	5.79	28.12	115.84	1.41	0.00	0.000	0.075	0.048
745	0.70	0.68	0.06819	90.58	0.04849	0.00	0.24	5.79	28.13	115.85	1.41	0.00	0.000	0.075	0.048
746	0.68	0.66	0.06823	90.54	0.04849	0.00	0.24	5.79	28.14	115.87	1.41	0.00	0.000	0.075	0.048
747	0.66	0.64	0.06826	90.49	0.04849	0.00	0.24	5.79	28.16	115.88	1.41	0.00	0.000	0.075	0.048
748	0.64	0.62	0.06829	90.45	0.04849	0.00	0.24	5.79	28.17	115.90	1.41	0.00	0.000	0.075	0.048
749	0.62	0.60	0.06832	90.41	0.04849	0.00	0.24	5.80	28.18	115.91	1.41	0.00	0.000	0.075	0.048
750	0.60	0.58	0.06836	90.36	0.04849	0.00	0.24	5.80	28.19	115.93	1.41	0.00	0.000	0.075	0.048
751	0.58	0.56	0.06839	90.32	0.04849	0.00	0.24	5.80	28.21	115.94	1.41	0.00	0.000	0.075	0.048
752	0.56	0.54	0.06842	90.28	0.04850	0.00	0.24	5.80	28.22	115.96	1.41	0.00	0.000	0.075	0.048
753	0.54	0.52	0.06846	90.23	0.04850	0.00	0.24	5.80	28.23	115.97	1.41	0.00	0.000	0.075	0.048
754	0.52	0.50	0.06849	90.19	0.04850	0.00	0.24	5.80	28.24	115.99	1.41	0.00	0.000	0.075	0.048
755	0.50	0.48	0.06852	90.15	0.04850	0.00	0.24	5.80	28.26	116.01	1.41	0.00	0.000	0.075	0.048
756	0.48	0.46	0.06855	90.10	0.04850	0.00	0.24	5.80	28.27	116.02	1.41	0.00	0.000	0.075	0.049
757	0.46	0.44	0.06859	90.06	0.04850	0.00	0.24	5.80	28.28	116.04	1.41	0.00	0.000	0.075	0.049
758	0.44	0.42	0.06862	90.02	0.04850	0.00	0.24	5.80	28.29	116.05	1.41	0.00	0.000	0.075	0.049
759	0.42	0.40	0.06865	89.98	0.04850	0.00	0.24	5.80	28.31	116.07	1.42	0.00	0.000	0.075	0.049
760	0.40	0.38	0.06868	89.93	0.04851	0.00	0.24	5.80	28.32	116.08	1.42	0.00	0.000	0.075	0.049
761	0.38	0.36	0.06872	89.89	0.04851	0.00	0.24	5.80	28.33	116.10	1.42	0.00	0.000	0.075	0.049
762	0.36	0.34	0.06875	89.85	0.04851	0.00	0.24	5.81	28.35	116.11	1.42	0.00	0.000	0.075	0.049
763	0.34	0.32	0.06878	89.80	0.04851	0.00	0.24	5.81	28.36	116.13	1.42	0.00	0.000	0.075	0.049
764	0.32	0.30	0.06881	89.76	0.04851	0.00	0.24	5.81	28.37	116.14	1.42	0.00	0.000	0.075	0.049
765	0.30	0.28	0.06885	89.72	0.04851	0.00	0.24	5.81	28.38	116.16	1.42	0.00	0.000	0.075	0.049
766	0.28	0.26	0.06888	89.68	0.04851	0.00	0.24	5.81	28.40	116.17	1.42	0.00	0.000	0.075	0.049
767	0.26	0.24	0.06891	89.63	0.04852	0.00	0.24	5.81	28.41	116.19	1.42	0.00	0.000	0.075	0.049
768	0.24	0.22	0.06895	89.59	0.04852	0.00	0.24	5.81	28.42	116.20	1.42	0.00	0.000	0.075	0.049
769	0.22	0.20	0.06898	89.55	0.04852	0.00	0.24	5.81	28.43	116.22	1.42	0.00	0.000	0.075	0.049
770	0.20	0.18	0.06901	89.51	0.04852	0.00	0.24	5.81	28.45	116.23	1.42	0.00	0.000	0.075	0.049
771	0.18	0.16	0.06904	89.46	0.04852	0.00	0.24	5.81	28.46	116.25	1.42	0.00	0.000	0.075	0.049
772	0.16	0.14	0.06908	89.42	0.04852	0.00	0.24	5.81	28.47	116.26	1.42	0.00	0.000	0.075	0.049
773	0.14	0.12	0.06911	89.38	0.04852	0.00	0.24	5.81	28.49	116.28	1.42	0.00	0.000	0.075	0.049
774	0.12	0.10	0.06914	89.34	0.04852	0.00	0.25	5.81	28.50	116.29	1.42	0.00	0.000	0.075	0.049
775	0.10	0.08	0.06917	89.30	0.04852	0.00	0.25	5.82	28.51	116.31	1.43	0.00	0.000	0.075	0.049
776	0.08	0.06	0.06921	89.25	0.04853	0.00	0.25	5.82	28.52	116.33	1.43	0.00	0.000	0.075	0.049
777	0.06	0.04	0.06924	89.21	0.04853	0.00	0.25	5.82	28.54	116.34	1.43	0.00	0.000	0.075	0.049
778	0.04	0.02	0.06927	89.17	0.04853	0.00	0.25	5.82	28.55	116.36	1.43	0.00	0.000	0.075	0.049
779	0.02	0.00	0.06930	89.13	0.04853	0.00	0.25	5.82	28.56	116.37	1.43	0.00	0.000	0.075	0.049
TOT								0.73		4224.45	17628.45				
AVG				0.04840				0.24	5.76			1.38			
CUM								27.01							

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE *	DENIT RATE	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAY	NCM DECAY	NCM SETT
627	3.040	7.76	6.78	0.22	0.12	0.00	1.71	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
628	3.020	7.76	6.78	0.22	0.12	0.00	1.71	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
629	3.000	7.76	6.78	0.22	0.12	0.00	1.71	2.39	2.39	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06







\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
627	3.040	28.50	0.00	0.00	0.00	5.46	16.33	16.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.28
628	3.020	28.50	0.00	0.00	0.00	5.45	16.30	16.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.26
629	3.000	28.50	0.00	0.00	0.00	5.45	16.26	16.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.23
630	2.980	28.50	0.00	0.00	0.00	5.45	16.23	16.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.21
631	2.960	28.50	0.00	0.00	0.00	5.45	16.19	16.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.19
632	2.940	28.50	0.00	0.00	0.00	5.45	16.16	16.26	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.16
633	2.920	28.50	0.00	0.00	0.00	5.45	16.13	16.23	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.14
634	2.900	28.50	0.00	0.00	0.00	5.45	16.09	16.19	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.11
635	2.880	28.50	0.00	0.00	0.00	5.45	16.06	16.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.09
636	2.860	28.50	0.00	0.00	0.00	5.45	16.02	16.12	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.07
637	2.840	28.50	0.00	0.00	0.00	5.45	15.99	16.09	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.04
638	2.820	28.50	0.00	0.00	0.00	5.45	15.96	16.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.02
639	2.800	28.50	0.00	0.00	0.00	5.45	15.92	16.02	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.99
640	2.780	28.50	0.00	0.00	0.00	5.45	15.89	15.99	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.97
641	2.760	28.50	0.00	0.00	0.00	5.45	15.86	15.96	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.95
642	2.740	28.50	0.00	0.00	0.00	5.45	15.83	15.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.92
643	2.720	28.50	0.00	0.00	0.00	5.45	15.79	15.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.90
644	2.700	28.50	0.00	0.00	0.00	5.45	15.76	15.86	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.88
645	2.680	28.50	0.00	0.00	0.00	5.45	15.73	15.83	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.85
646	2.660	28.50	0.00	0.00	0.00	5.45	15.69	15.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.83
647	2.640	28.50	0.00	0.00	0.00	5.46	15.66	15.76	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.81
648	2.620	28.50	0.00	0.00	0.00	5.46	15.63	15.73	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.78
649	2.600	28.50	0.00	0.00	0.00	5.46	15.60	15.70	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.76
650	2.580	28.50	0.00	0.00	0.00	5.46	15.56	15.66	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.74
651	2.560	28.50	0.00	0.00	0.00	5.46	15.53	15.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.71
652	2.540	28.50	0.00	0.00	0.00	5.46	15.50	15.60	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.69
653	2.520	28.50	0.00	0.00	0.00	5.46	15.47	15.57	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.67
654	2.500	28.50	0.00	0.00	0.00	5.46	15.43	15.53	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.64
655	2.480	28.50	0.00	0.00	0.00	5.46	15.40	15.50	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.62
656	2.460	28.50	0.00	0.00	0.00	5.46	15.37	15.47	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.60
657	2.440	28.50	0.00	0.00	0.00	5.46	15.34	15.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.57
658	2.420	28.50	0.00	0.00	0.00	5.46	15.31	15.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.55
659	2.400	28.50	0.00	0.00	0.00	5.47	15.27	15.37	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.53
660	2.380	28.50	0.00	0.00	0.00	5.47	15.24	15.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.51
661	2.360	28.50	0.00	0.00	0.00	5.47	15.21	15.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.48
662	2.340	28.50	0.00	0.00	0.00	5.47	15.18	15.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.46
663	2.320	28.50	0.00	0.00	0.00	5.47	15.15	15.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.44
664	2.300	28.50	0.00	0.00	0.00	5.47	15.12	15.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.41
665	2.280	28.50	0.00	0.00	0.00	5.47	15.08	15.18	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.39
666	2.260	28.50	0.00	0.00	0.00	5.47	15.05	15.15	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.37
667	2.240	28.50	0.00	0.00	0.00	5.48	15.02	15.12	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.35
668	2.220	28.50	0.00	0.00	0.00	5.48	14.99	15.09	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.32

669	2.200	28.50	0.00	0.00	0.00	5.48	14.96	15.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.30
670	2.180	28.50	0.00	0.00	0.00	5.48	14.93	15.03	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.28
671	2.160	28.50	0.00	0.00	0.00	5.48	14.90	15.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.26
672	2.140	28.50	0.00	0.00	0.00	5.48	14.87	14.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.23
673	2.120	28.50	0.00	0.00	0.00	5.48	14.84	14.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.21
674	2.100	28.50	0.00	0.00	0.00	5.49	14.81	14.91	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.19
675	2.080	28.50	0.00	0.00	0.00	5.49	14.77	14.87	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.17
676	2.060	28.50	0.00	0.00	0.00	5.49	14.74	14.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.15
677	2.040	28.50	0.00	0.00	0.00	5.49	14.71	14.81	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.12
678	2.020	28.50	0.00	0.00	0.00	5.49	14.68	14.78	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.10
679	2.000	28.50	0.00	0.00	0.00	5.49	14.65	14.75	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.08
680	1.980	28.50	0.00	0.00	0.00	5.49	14.62	14.72	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.06
681	1.960	28.50	0.00	0.00	0.00	5.50	14.59	14.69	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.03
682	1.940	28.50	0.00	0.00	0.00	5.50	14.56	14.66	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	14.01
683	1.920	28.50	0.00	0.00	0.00	5.50	14.53	14.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.99
684	1.900	28.50	0.00	0.00	0.00	5.50	14.50	14.60	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.97
685	1.880	28.50	0.00	0.00	0.00	5.50	14.47	14.57	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.95
686	1.860	28.50	0.00	0.00	0.00	5.50	14.44	14.54	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.93
687	1.840	28.50	0.00	0.00	0.00	5.51	14.41	14.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.90
688	1.820	28.50	0.00	0.00	0.00	5.51	14.38	14.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.88
689	1.800	28.50	0.00	0.00	0.00	5.51	14.35	14.45	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.86
690	1.780	28.50	0.00	0.00	0.00	5.51	14.32	14.42	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.84
691	1.760	28.50	0.00	0.00	0.00	5.51	14.29	14.39	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.82
692	1.740	28.50	0.00	0.00	0.00	5.51	14.26	14.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.80
693	1.720	28.50	0.00	0.00	0.00	5.52	14.23	14.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.77
694	1.700	28.50	0.00	0.00	0.00	5.52	14.21	14.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.75
695	1.680	28.50	0.00	0.00	0.00	5.52	14.18	14.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.73
696	1.660	28.50	0.00	0.00	0.00	5.52	14.15	14.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.71
697	1.640	28.50	0.00	0.00	0.00	5.52	14.12	14.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.69
698	1.620	28.50	0.00	0.00	0.00	5.52	14.09	14.19	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.67
699	1.600	28.50	0.00	0.00	0.00	5.53	14.06	14.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.65
700	1.580	28.50	0.00	0.00	0.00	5.53	14.03	14.13	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.62
701	1.560	28.50	0.00	0.00	0.00	5.53	14.00	14.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.60
702	1.540	28.50	0.00	0.00	0.00	5.53	13.97	14.07	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.58
703	1.520	28.50	0.00	0.00	0.00	5.53	13.94	14.04	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.56
704	1.500	28.50	0.00	0.00	0.00	5.53	13.91	14.01	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.54
705	1.480	28.50	0.00	0.00	0.00	5.54	13.89	13.99	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.52
706	1.460	28.50	0.00	0.00	0.00	5.54	13.86	13.96	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.50
707	1.440	28.50	0.00	0.00	0.00	5.54	13.83	13.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.48
708	1.420	28.50	0.00	0.00	0.00	5.54	13.80	13.90	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.46
709	1.400	28.50	0.00	0.00	0.00	5.54	13.77	13.87	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.43
710	1.380	28.50	0.00	0.00	0.00	5.55	13.74	13.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.41
711	1.360	28.50	0.00	0.00	0.00	5.55	13.72	13.82	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.39
712	1.340	28.50	0.00	0.00	0.00	5.55	13.69	13.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.37
713	1.320	28.50	0.00	0.00	0.00	5.55	13.66	13.76	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.35
714	1.300	28.50	0.00	0.00	0.00	5.55	13.63	13.73	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.33
715	1.280	28.50	0.00	0.00	0.00	5.55	13.60	13.70	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.31
716	1.260	28.50	0.00	0.00	0.00	5.56	13.58	13.68	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.29
717	1.240	28.50	0.00	0.00	0.00	5.56	13.55	13.65	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.27
718	1.220	28.50	0.00	0.00	0.00	5.56	13.52	13.62	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.25
719	1.200	28.50	0.00	0.00	0.00	5.56	13.49	13.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.23

720	1.180	28.50	0.00	0.00	0.00	5.56	13.46	13.56	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.21
721	1.160	28.50	0.00	0.00	0.00	5.57	13.44	13.54	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.19
722	1.140	28.50	0.00	0.00	0.00	5.57	13.41	13.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.17
723	1.120	28.50	0.00	0.00	0.00	5.57	13.38	13.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.15
724	1.100	28.50	0.00	0.00	0.00	5.57	13.35	13.45	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.12
725	1.080	28.50	0.00	0.00	0.00	5.57	13.33	13.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.10
726	1.060	28.50	0.00	0.00	0.00	5.57	13.30	13.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.08
727	1.040	28.50	0.00	0.00	0.00	5.58	13.27	13.37	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.06
728	1.020	28.50	0.00	0.00	0.00	5.58	13.24	13.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.04
729	1.000	28.50	0.00	0.00	0.00	5.58	13.22	13.32	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.02
730	0.980	28.50	0.00	0.00	0.00	5.58	13.19	13.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.00
731	0.960	28.50	0.00	0.00	0.00	5.58	13.16	13.26	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.98
732	0.940	28.50	0.00	0.00	0.00	5.59	13.14	13.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.96
733	0.920	28.50	0.00	0.00	0.00	5.59	13.11	13.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.94
734	0.900	28.50	0.00	0.00	0.00	5.59	13.08	13.18	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.92
735	0.880	28.50	0.00	0.00	0.00	5.59	13.06	13.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.90
736	0.860	28.50	0.00	0.00	0.00	5.59	13.03	13.13	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.88
737	0.840	28.50	0.00	0.00	0.00	5.59	13.00	13.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.86
738	0.820	28.50	0.00	0.00	0.00	5.60	12.98	13.08	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.84
739	0.800	28.50	0.00	0.00	0.00	5.60	12.95	13.05	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.82
740	0.780	28.50	0.00	0.00	0.00	5.60	12.92	13.02	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.80
741	0.760	28.50	0.00	0.00	0.00	5.60	12.90	13.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.78
742	0.740	28.50	0.00	0.00	0.00	5.60	12.87	12.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.76
743	0.720	28.50	0.00	0.00	0.00	5.61	12.84	12.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.74
744	0.700	28.50	0.00	0.00	0.00	5.61	12.82	12.92	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.73
745	0.680	28.50	0.00	0.00	0.00	5.61	12.79	12.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.71
746	0.660	28.50	0.00	0.00	0.00	5.61	12.77	12.87	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.69
747	0.640	28.50	0.00	0.00	0.00	5.61	12.74	12.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.67
748	0.620	28.50	0.00	0.00	0.00	5.61	12.71	12.81	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.65
749	0.600	28.50	0.00	0.00	0.00	5.62	12.69	12.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.63
750	0.580	28.50	0.00	0.00	0.00	5.62	12.66	12.76	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.61
751	0.560	28.50	0.00	0.00	0.00	5.62	12.64	12.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.59
752	0.540	28.50	0.00	0.00	0.00	5.62	12.61	12.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.57
753	0.520	28.50	0.00	0.00	0.00	5.62	12.58	12.68	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.55
754	0.500	28.50	0.00	0.00	0.00	5.63	12.56	12.66	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.53
755	0.480	28.50	0.00	0.00	0.00	5.63	12.53	12.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.51
756	0.460	28.50	0.00	0.00	0.00	5.63	12.51	12.61	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.49
757	0.440	28.50	0.00	0.00	0.00	5.63	12.48	12.58	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.47
758	0.420	28.50	0.00	0.00	0.00	5.63	12.46	12.56	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.45
759	0.400	28.50	0.00	0.00	0.00	5.63	12.43	12.53	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.43
760	0.380	28.50	0.00	0.00	0.00	5.64	12.41	12.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.42
761	0.360	28.50	0.00	0.00	0.00	5.64	12.38	12.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.40
762	0.340	28.50	0.00	0.00	0.00	5.64	12.36	12.46	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.38
763	0.320	28.50	0.00	0.00	0.00	5.64	12.33	12.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.36
764	0.300	28.50	0.00	0.00	0.00	5.64	12.31	12.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.34
765	0.280	28.50	0.00	0.00	0.00	5.65	12.28	12.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.32
766	0.260	28.50	0.00	0.00	0.00	5.65	12.25	12.35	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.30
767	0.240	28.50	0.00	0.00	0.00	5.65	12.23	12.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.28
768	0.220	28.50	0.00	0.00	0.00	5.65	12.21	12.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.26
769	0.200	28.50	0.00	0.00	0.00	5.65	12.18	12.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.24
770	0.180	28.50	0.00	0.00	0.00	5.65	12.16	12.26	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	12.23



\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
47	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
48	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
49	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
50	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
51	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
52	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
53	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
54	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						0.20			4.91	48.80					
AVG					0.00461		0.10	0.61			0.06				
CUM						0.20									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
47	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.18	0.06
48	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.18	0.06
49	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.18	0.06
50	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
51	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.18	0.06
52	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
53	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.18	0.06
54	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20	DEG C RATE			0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			7.26		0.10					0.00		0.00	0.00	0.00					0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
47	0.070	28.50	0.00	0.00	0.00	5.44	4.96	4.98	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	4.97
48	0.060	28.50	0.00	0.00	0.00	5.80	4.91	4.96	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.94
49	0.050	28.50	0.00	0.00	0.00	6.10	4.87	4.95	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	4.91



ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
292	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
293	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
294	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
295	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
296	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
297	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
298	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
299	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
300	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
301	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
302	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
303	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
304	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
305	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
306	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
307	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
308	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
309	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
310	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
311	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
312	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
313	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
314	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
315	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
316	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
317	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
318	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
319	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
320	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
321	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
322	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
323	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
324	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
325	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
326	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
327	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						0.90			22.09	219.60					
AVG					0.00461		0.10	0.61			0.06				
CUM						0.90									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da

292	0.350	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.18	0.06
293	0.340	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.18	0.06
294	0.330	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.18	0.06
295	0.320	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.18	0.06
296	0.310	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.18	0.06
297	0.300	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.18	0.06
298	0.290	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.18	0.06
299	0.280	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.18	0.06
300	0.270	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.18	0.06
301	0.260	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.18	0.06
302	0.250	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.18	0.06
303	0.240	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.18	0.06
304	0.230	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.18	0.06
305	0.220	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.18	0.06
306	0.210	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.18	0.06
307	0.200	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.18	0.06
308	0.190	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.18	0.06
309	0.180	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
310	0.170	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.18	0.06
311	0.160	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.18	0.06
312	0.150	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.18	0.06
313	0.140	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.18	0.06
314	0.130	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.18	0.06
315	0.120	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.18	0.06
316	0.110	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.18	0.06
317	0.100	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.18	0.06
318	0.090	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
319	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.18	0.06
320	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.18	0.06
321	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.18	0.06
322	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00	0.18	0.06
323	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.18	0.06
324	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.18	0.06
325	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00	0.00	0.18	0.06
326	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.18	0.06
327	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
292	0.350	28.50	0.00	0.00	0.00	5.43	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	4.97
293	0.340	28.50	0.00	0.00	0.00	5.78	4.91	4.93	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	4.94

294	0.330	28.50	0.00	0.00	0.00	6.07	4.87	4.89	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	4.91
295	0.320	28.50	0.00	0.00	0.00	6.32	4.83	4.85	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	4.88
296	0.310	28.50	0.00	0.00	0.00	6.52	4.79	4.82	0.00	0.00	0.00	0.00	0.00	1.39	0.00	0.00	4.85
297	0.300	28.50	0.00	0.00	0.00	6.68	4.75	4.78	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	4.82
298	0.290	28.50	0.00	0.00	0.00	6.82	4.71	4.75	0.00	0.00	0.00	0.00	0.00	1.94	0.00	0.00	4.79
299	0.280	28.50	0.00	0.00	0.00	6.94	4.67	4.71	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	4.77
300	0.270	28.50	0.00	0.00	0.00	7.04	4.63	4.68	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.74
301	0.260	28.50	0.00	0.00	0.00	7.12	4.59	4.64	0.00	0.00	0.00	0.00	0.00	2.78	0.00	0.00	4.71
302	0.250	28.50	0.00	0.00	0.00	7.19	4.55	4.61	0.00	0.00	0.00	0.00	0.00	3.06	0.00	0.00	4.68
303	0.240	28.50	0.00	0.00	0.00	7.25	4.51	4.58	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	4.65
304	0.230	28.50	0.00	0.00	0.00	7.30	4.47	4.54	0.00	0.00	0.00	0.00	0.00	3.61	0.00	0.00	4.63
305	0.220	28.50	0.00	0.00	0.00	7.34	4.43	4.51	0.00	0.00	0.00	0.00	0.00	3.89	0.00	0.00	4.60
306	0.210	28.50	0.00	0.00	0.00	7.38	4.39	4.48	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	4.57
307	0.200	28.50	0.00	0.00	0.00	7.41	4.36	4.45	0.00	0.00	0.00	0.00	0.00	4.44	0.00	0.00	4.54
308	0.190	28.50	0.00	0.00	0.00	7.44	4.32	4.41	0.00	0.00	0.00	0.00	0.00	4.72	0.00	0.00	4.52
309	0.180	28.50	0.00	0.00	0.00	7.46	4.28	4.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	4.49
310	0.170	28.50	0.00	0.00	0.00	7.49	4.25	4.35	0.00	0.00	0.00	0.00	0.00	5.28	0.00	0.00	4.46
311	0.160	28.50	0.00	0.00	0.00	7.51	4.21	4.32	0.00	0.00	0.00	0.00	0.00	5.56	0.00	0.00	4.44
312	0.150	28.50	0.00	0.00	0.00	7.52	4.17	4.29	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	4.41
313	0.140	28.50	0.00	0.00	0.00	7.54	4.14	4.26	0.00	0.00	0.00	0.00	0.00	6.11	0.00	0.00	4.38
314	0.130	28.50	0.00	0.00	0.00	7.56	4.10	4.23	0.00	0.00	0.00	0.00	0.00	6.39	0.00	0.00	4.36
315	0.120	28.50	0.00	0.00	0.00	7.57	4.07	4.20	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	4.33
316	0.110	28.50	0.00	0.00	0.00	7.58	4.03	4.17	0.00	0.00	0.00	0.00	0.00	6.94	0.00	0.00	4.31
317	0.100	28.50	0.00	0.00	0.00	7.59	4.00	4.14	0.00	0.00	0.00	0.00	0.00	7.22	0.00	0.00	4.28
318	0.090	28.50	0.00	0.00	0.00	7.61	3.96	4.11	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	4.25
319	0.080	28.50	0.00	0.00	0.00	7.62	3.93	4.09	0.00	0.00	0.00	0.00	0.00	7.78	0.00	0.00	4.23
320	0.070	28.50	0.00	0.00	0.00	7.63	3.90	4.06	0.00	0.00	0.00	0.00	0.00	8.06	0.00	0.00	4.20
321	0.060	28.50	0.00	0.00	0.00	7.64	3.86	4.03	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	4.18
322	0.050	28.50	0.00	0.00	0.00	7.65	3.83	4.00	0.00	0.00	0.00	0.00	0.00	8.61	0.00	0.00	4.15
323	0.040	28.50	0.00	0.00	0.00	7.66	3.80	3.97	0.00	0.00	0.00	0.00	0.00	8.89	0.00	0.00	4.13
324	0.030	28.50	0.00	0.00	0.00	7.67	3.76	3.95	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	4.10
325	0.020	28.50	0.00	0.00	0.00	7.68	3.73	3.92	0.00	0.00	0.00	0.00	0.00	9.44	0.00	0.00	4.08
326	0.010	28.50	0.00	0.00	0.00	7.66	3.82	4.01	0.00	0.00	0.00	0.00	0.00	9.72	0.00	0.00	4.16
327	0.000	28.50	0.00	0.00	0.00	6.30	10.09	10.29	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	9.38

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 WEST ELMWOOD DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 0.90 DAYS

MAXIMUM EFFLUENT = 0.00 PERCENT

FLOW = 0.00028 TO 0.00028 cms  
 DISPERSION = 0.0009 TO 0.0009 sq m/s  
 VELOCITY = 0.00461 TO 0.00461 m/s  
 DEPTH = 0.10 TO 0.10 m

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WIDTH	=	0.61	TO	0.61	m
BOD DECAY	=	0.22	TO	0.22	per day
NH3 DECAY	=	0.00	TO	0.00	per day
SDMNT OXYGEN DMND	=	0.07	TO	0.18	g/sq m/d
NH3 SOURCE	=	0.00	TO	0.00	g/sq m/d
REAERATION	=	8.50	TO	8.50	per day
BOD SETTLING	=	0.12	TO	0.12	per day
ORGN DECAY	=	0.00	TO	0.00	per day
ORGN SETTLING	=	0.00	TO	0.00	per day
TEMPERATURE	=	28.50	TO	28.50	deg C
DISSOLVED OXYGEN	=	5.43	TO	7.68	mg/L

FINAL REPORT NORTH MONROE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 12 N MONROE SD #1 POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
372	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	4.80	5.00	0.00	0.00	0.00	0.00	10.00	0.00	5.00
372	WSTLD	0.00569	28.50	0.00	0.00	0.00	2.00	69.00	69.00	0.00	0.00	0.00	0.00	0.00	0.00	64.50

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
372	0.60	0.59	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
373	0.59	0.58	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
374	0.58	0.57	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
375	0.57	0.56	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
376	0.56	0.55	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
377	0.55	0.54	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
378	0.54	0.53	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
379	0.53	0.52	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
380	0.52	0.51	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
381	0.51	0.50	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
382	0.50	0.49	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
383	0.49	0.48	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
384	0.48	0.47	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
385	0.47	0.46	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
386	0.46	0.45	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
387	0.45	0.44	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
388	0.44	0.43	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097

389	0.43	0.42	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
390	0.42	0.41	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
391	0.41	0.40	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
392	0.40	0.39	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
393	0.39	0.38	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
394	0.38	0.37	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
395	0.37	0.36	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
396	0.36	0.35	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
397	0.35	0.34	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
398	0.34	0.33	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
399	0.33	0.32	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
400	0.32	0.31	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
401	0.31	0.30	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
402	0.30	0.29	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
403	0.29	0.28	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
404	0.28	0.27	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
405	0.27	0.26	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
406	0.26	0.25	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
407	0.25	0.24	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
408	0.24	0.23	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
409	0.23	0.22	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
410	0.22	0.21	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
411	0.21	0.20	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
412	0.20	0.19	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
413	0.19	0.18	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
414	0.18	0.17	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
415	0.17	0.16	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
416	0.16	0.15	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
417	0.15	0.14	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
418	0.14	0.13	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
419	0.13	0.12	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
420	0.12	0.11	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
421	0.11	0.10	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
422	0.10	0.09	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
423	0.09	0.08	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
424	0.08	0.07	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
425	0.07	0.06	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
426	0.06	0.05	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
427	0.05	0.04	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
428	0.04	0.03	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
429	0.03	0.02	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
430	0.02	0.01	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
431	0.01	0.00	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
TOT						0.07			36.82	366.00					
AVG					0.09733		0.10	0.61			0.06				
CUM						0.07									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*



419	0.120	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
420	0.110	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
421	0.100	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
422	0.090	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
423	0.080	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
424	0.070	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
425	0.060	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
426	0.050	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
427	0.040	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
428	0.030	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
429	0.020	7.76	23.94	0.22	0.12	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
430	0.010	7.76	23.94	0.22	0.12	0.00	0.00	1.16	1.16	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
431	0.000	7.76	23.94	0.22	0.12	0.00	0.00	0.79	0.79	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE	20.43			0.10						0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
372	0.590	28.50	0.00	0.00	0.00	2.26	65.93	66.13	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.66
373	0.580	28.50	0.00	0.00	0.00	2.37	65.90	66.10	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.65
374	0.570	28.50	0.00	0.00	0.00	2.48	65.88	66.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.63
375	0.560	28.50	0.00	0.00	0.00	2.58	65.85	66.05	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.61
376	0.550	28.50	0.00	0.00	0.00	2.69	65.82	66.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.59
377	0.540	28.50	0.00	0.00	0.00	2.79	65.80	66.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.58
378	0.530	28.50	0.00	0.00	0.00	2.88	65.77	65.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.56
379	0.520	28.50	0.00	0.00	0.00	2.98	65.74	65.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.54
380	0.510	28.50	0.00	0.00	0.00	3.07	65.72	65.92	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.52
381	0.500	28.50	0.00	0.00	0.00	3.16	65.69	65.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.51
382	0.490	28.50	0.00	0.00	0.00	3.24	65.66	65.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.49
383	0.480	28.50	0.00	0.00	0.00	3.33	65.63	65.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.47
384	0.470	28.50	0.00	0.00	0.00	3.41	65.61	65.81	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.45
385	0.460	28.50	0.00	0.00	0.00	3.49	65.58	65.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.44
386	0.450	28.50	0.00	0.00	0.00	3.57	65.55	65.75	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.42
387	0.440	28.50	0.00	0.00	0.00	3.64	65.53	65.73	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.40
388	0.430	28.50	0.00	0.00	0.00	3.72	65.50	65.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.38
389	0.420	28.50	0.00	0.00	0.00	3.79	65.47	65.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.37
390	0.410	28.50	0.00	0.00	0.00	3.86	65.45	65.65	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.35
391	0.400	28.50	0.00	0.00	0.00	3.92	65.42	65.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.33
392	0.390	28.50	0.00	0.00	0.00	3.99	65.39	65.59	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.31
393	0.380	28.50	0.00	0.00	0.00	4.05	65.37	65.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.30
394	0.370	28.50	0.00	0.00	0.00	4.11	65.34	65.54	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.28
395	0.360	28.50	0.00	0.00	0.00	4.18	65.31	65.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.26
396	0.350	28.50	0.00	0.00	0.00	4.23	65.29	65.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.24
397	0.340	28.50	0.00	0.00	0.00	4.29	65.26	65.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.23

398	0.330	28.50	0.00	0.00	0.00	4.35	65.23	65.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.21
399	0.320	28.50	0.00	0.00	0.00	4.40	65.21	65.41	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.19
400	0.310	28.50	0.00	0.00	0.00	4.45	65.18	65.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.17
401	0.300	28.50	0.00	0.00	0.00	4.50	65.15	65.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.16
402	0.290	28.50	0.00	0.00	0.00	4.55	65.13	65.33	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.14
403	0.280	28.50	0.00	0.00	0.00	4.60	65.10	65.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.12
404	0.270	28.50	0.00	0.00	0.00	4.65	65.07	65.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.11
405	0.260	28.50	0.00	0.00	0.00	4.69	65.05	65.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.09
406	0.250	28.50	0.00	0.00	0.00	4.74	65.02	65.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.07
407	0.240	28.50	0.00	0.00	0.00	4.78	64.99	65.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.05
408	0.230	28.50	0.00	0.00	0.00	4.82	64.97	65.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.04
409	0.220	28.50	0.00	0.00	0.00	4.87	64.94	65.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.02
410	0.210	28.50	0.00	0.00	0.00	4.90	64.91	65.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.00
411	0.200	28.50	0.00	0.00	0.00	4.94	64.89	65.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.98
412	0.190	28.50	0.00	0.00	0.00	4.98	64.86	65.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.97
413	0.180	28.50	0.00	0.00	0.00	5.02	64.83	65.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.95
414	0.170	28.50	0.00	0.00	0.00	5.05	64.81	65.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.93
415	0.160	28.50	0.00	0.00	0.00	5.09	64.78	64.98	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.91
416	0.150	28.50	0.00	0.00	0.00	5.12	64.76	64.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.90
417	0.140	28.50	0.00	0.00	0.00	5.15	64.73	64.93	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.88
418	0.130	28.50	0.00	0.00	0.00	5.19	64.70	64.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.86
419	0.120	28.50	0.00	0.00	0.00	5.22	64.68	64.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.85
420	0.110	28.50	0.00	0.00	0.00	5.25	64.65	64.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.83
421	0.100	28.50	0.00	0.00	0.00	5.28	64.62	64.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.81
422	0.090	28.50	0.00	0.00	0.00	5.31	64.60	64.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.79
423	0.080	28.50	0.00	0.00	0.00	5.33	64.57	64.77	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.78
424	0.070	28.50	0.00	0.00	0.00	5.36	64.54	64.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.76
425	0.060	28.50	0.00	0.00	0.00	5.39	64.52	64.72	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.74
426	0.050	28.50	0.00	0.00	0.00	5.41	64.49	64.69	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.72
427	0.040	28.50	0.00	0.00	0.00	5.44	64.46	64.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.71
428	0.030	28.50	0.00	0.00	0.00	5.46	64.44	64.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.69
429	0.020	28.50	0.00	0.00	0.00	5.49	64.40	64.60	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.67
430	0.010	28.50	0.00	0.00	0.00	5.51	63.99	64.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.28
431	0.000	28.50	0.00	0.00	0.00	5.61	43.47	43.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	40.71

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH MONROE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 0.07 DAYS

MAXIMUM EFFLUENT = 95.26 PERCENT

FLOW = 0.00597 TO 0.00597 cms  
 DISPERSION = 0.0186 TO 0.0186 sq m/s  
 VELOCITY = 0.09733 TO 0.09733 m/s  
 DEPTH = 0.10 TO 0.10 m

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WIDTH = 0.61 TO 0.61 m  
 BOD DECAY = 0.22 TO 0.22 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.79 TO 1.19 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 23.94 TO 23.94 per day  
 BOD SETTLING = 0.12 TO 0.12 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
 TEMPERATURE = 28.50 TO 28.50 deg C  
 DISSOLVED OXYGEN = 2.26 TO 5.61 mg/L

FINAL REPORT NORTH GATE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 15 N GATE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
457	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
457	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
458	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
459	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
460	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
461	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
462	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
463	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
464	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
465	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
466	0.51	0.50	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
467	0.50	0.49	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
468	0.49	0.48	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
469	0.48	0.47	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
470	0.47	0.46	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
471	0.46	0.45	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
472	0.45	0.44	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
473	0.44	0.43	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
474	0.43	0.42	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005

475	0.42	0.41	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
476	0.41	0.40	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
477	0.40	0.39	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
478	0.39	0.38	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
479	0.38	0.37	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
480	0.37	0.36	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
481	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
482	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
483	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
484	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
485	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
486	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
487	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
488	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
489	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
490	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
491	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
492	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
493	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
494	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
495	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
496	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
497	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
498	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
499	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
500	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
501	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
502	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
503	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
504	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
505	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
506	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
507	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
508	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
509	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
510	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
511	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
512	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
513	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
514	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
515	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
516	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						1.51			36.82	366.00					
AVG					0.00461		0.10	0.61			0.06				
CUM						1.51									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM ENDING SAT REAER CBOD CBOD ANBOD BKGD FULL CORR ORGN ORGN NH3 NH3 DENIT PO4 ALG MAC COLI NCM NCM



Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

505	0.110	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.18	0.06
506	0.100	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.18	0.06
507	0.090	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.18	0.06
508	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.18	0.06
509	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.18	0.06
510	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.18	0.06
511	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.18	0.06
512	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.18	0.06
513	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.18	0.06
514	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.18	0.06
515	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.18	0.06
516	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
457	0.590	28.50	0.00	0.00	0.00	5.43	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	4.97
458	0.580	28.50	0.00	0.00	0.00	5.78	4.91	4.92	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	4.94
459	0.570	28.50	0.00	0.00	0.00	6.07	4.87	4.88	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	4.91
460	0.560	28.50	0.00	0.00	0.00	6.31	4.83	4.84	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	4.88
461	0.550	28.50	0.00	0.00	0.00	6.51	4.79	4.80	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	4.85
462	0.540	28.50	0.00	0.00	0.00	6.67	4.75	4.76	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	4.82
463	0.530	28.50	0.00	0.00	0.00	6.81	4.71	4.72	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	4.79
464	0.520	28.50	0.00	0.00	0.00	6.92	4.67	4.68	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	4.77
465	0.510	28.50	0.00	0.00	0.00	7.01	4.63	4.64	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	4.74
466	0.500	28.50	0.00	0.00	0.00	7.09	4.59	4.60	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	4.71
467	0.490	28.50	0.00	0.00	0.00	7.16	4.55	4.57	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	4.68
468	0.480	28.50	0.00	0.00	0.00	7.21	4.51	4.53	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.65
469	0.470	28.50	0.00	0.00	0.00	7.26	4.47	4.49	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	4.63
470	0.460	28.50	0.00	0.00	0.00	7.30	4.43	4.46	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	4.60
471	0.450	28.50	0.00	0.00	0.00	7.33	4.39	4.42	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	4.57
472	0.440	28.50	0.00	0.00	0.00	7.36	4.36	4.38	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	4.54
473	0.430	28.50	0.00	0.00	0.00	7.38	4.32	4.35	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00	4.52
474	0.420	28.50	0.00	0.00	0.00	7.40	4.28	4.31	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	4.49
475	0.410	28.50	0.00	0.00	0.00	7.42	4.25	4.28	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00	4.46
476	0.400	28.50	0.00	0.00	0.00	7.43	4.21	4.24	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	4.44
477	0.390	28.50	0.00	0.00	0.00	7.45	4.17	4.21	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	4.41
478	0.380	28.50	0.00	0.00	0.00	7.46	4.14	4.17	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	4.38
479	0.370	28.50	0.00	0.00	0.00	7.47	4.10	4.14	0.00	0.00	0.00	0.00	0.00	1.92	0.00	0.00	4.36
480	0.360	28.50	0.00	0.00	0.00	7.48	4.07	4.11	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	4.33
481	0.350	28.50	0.00	0.00	0.00	7.49	4.03	4.07	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	4.31
482	0.340	28.50	0.00	0.00	0.00	7.49	4.00	4.04	0.00	0.00	0.00	0.00	0.00	2.17	0.00	0.00	4.28
483	0.330	28.50	0.00	0.00	0.00	7.50	3.96	4.01	0.00	0.00	0.00	0.00	0.00	2.25	0.00	0.00	4.25

484	0.320	28.50	0.00	0.00	0.00	7.51	3.93	3.98	0.00	0.00	0.00	0.00	0.00	2.33	0.00	0.00	4.23
485	0.310	28.50	0.00	0.00	0.00	7.51	3.90	3.94	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	4.20
486	0.300	28.50	0.00	0.00	0.00	7.52	3.86	3.91	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.18
487	0.290	28.50	0.00	0.00	0.00	7.52	3.83	3.88	0.00	0.00	0.00	0.00	0.00	2.58	0.00	0.00	4.15
488	0.280	28.50	0.00	0.00	0.00	7.53	3.80	3.85	0.00	0.00	0.00	0.00	0.00	2.67	0.00	0.00	4.13
489	0.270	28.50	0.00	0.00	0.00	7.53	3.76	3.82	0.00	0.00	0.00	0.00	0.00	2.75	0.00	0.00	4.10
490	0.260	28.50	0.00	0.00	0.00	7.54	3.73	3.79	0.00	0.00	0.00	0.00	0.00	2.83	0.00	0.00	4.08
491	0.250	28.50	0.00	0.00	0.00	7.54	3.70	3.76	0.00	0.00	0.00	0.00	0.00	2.92	0.00	0.00	4.06
492	0.240	28.50	0.00	0.00	0.00	7.55	3.67	3.73	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	4.03
493	0.230	28.50	0.00	0.00	0.00	7.55	3.64	3.70	0.00	0.00	0.00	0.00	0.00	3.08	0.00	0.00	4.01
494	0.220	28.50	0.00	0.00	0.00	7.56	3.61	3.67	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00	3.98
495	0.210	28.50	0.00	0.00	0.00	7.56	3.58	3.64	0.00	0.00	0.00	0.00	0.00	3.25	0.00	0.00	3.96
496	0.200	28.50	0.00	0.00	0.00	7.57	3.54	3.61	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	3.94
497	0.190	28.50	0.00	0.00	0.00	7.57	3.51	3.58	0.00	0.00	0.00	0.00	0.00	3.42	0.00	0.00	3.91
498	0.180	28.50	0.00	0.00	0.00	7.57	3.48	3.55	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	3.89
499	0.170	28.50	0.00	0.00	0.00	7.58	3.45	3.53	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00	3.87
500	0.160	28.50	0.00	0.00	0.00	7.58	3.43	3.50	0.00	0.00	0.00	0.00	0.00	3.67	0.00	0.00	3.84
501	0.150	28.50	0.00	0.00	0.00	7.59	3.40	3.47	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	3.82
502	0.140	28.50	0.00	0.00	0.00	7.59	3.37	3.44	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	3.80
503	0.130	28.50	0.00	0.00	0.00	7.59	3.34	3.42	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	3.78
504	0.120	28.50	0.00	0.00	0.00	7.60	3.31	3.39	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	3.75
505	0.110	28.50	0.00	0.00	0.00	7.60	3.28	3.36	0.00	0.00	0.00	0.00	0.00	4.08	0.00	0.00	3.73
506	0.100	28.50	0.00	0.00	0.00	7.61	3.25	3.34	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	3.71
507	0.090	28.50	0.00	0.00	0.00	7.61	3.23	3.31	0.00	0.00	0.00	0.00	0.00	4.25	0.00	0.00	3.69
508	0.080	28.50	0.00	0.00	0.00	7.61	3.20	3.28	0.00	0.00	0.00	0.00	0.00	4.33	0.00	0.00	3.66
509	0.070	28.50	0.00	0.00	0.00	7.62	3.17	3.26	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	3.64
510	0.060	28.50	0.00	0.00	0.00	7.62	3.14	3.23	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	3.62
511	0.050	28.50	0.00	0.00	0.00	7.63	3.12	3.21	0.00	0.00	0.00	0.00	0.00	4.58	0.00	0.00	3.60
512	0.040	28.50	0.00	0.00	0.00	7.63	3.09	3.18	0.00	0.00	0.00	0.00	0.00	4.67	0.00	0.00	3.58
513	0.030	28.50	0.00	0.00	0.00	7.63	3.06	3.16	0.00	0.00	0.00	0.00	0.00	4.75	0.00	0.00	3.56
514	0.020	28.50	0.00	0.00	0.00	7.64	3.04	3.14	0.00	0.00	0.00	0.00	0.00	4.83	0.00	0.00	3.54
515	0.010	28.50	0.00	0.00	0.00	7.63	3.12	3.22	0.00	0.00	0.00	0.00	0.00	4.92	0.00	0.00	3.61
516	0.000	28.50	0.00	0.00	0.00	6.82	8.88	8.98	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	8.60

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH GATE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 1.51 DAYS

MAXIMUM EFFLUENT = 0.00 PERCENT

FLOW = 0.00028 TO 0.00028 cms  
 DISPERSION = 0.0009 TO 0.0009 sq m/s  
 VELOCITY = 0.00461 TO 0.00461 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m

BOD DECAY = 0.22 TO 0.22 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.06 TO 0.16 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 8.50 TO 8.50 per day  
 BOD SETTLING = 0.12 TO 0.12 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
  
 TEMPERATURE = 28.50 TO 28.50 deg C  
 DISSOLVED OXYGEN = 5.43 TO 7.64 mg/L

FINAL REPORT NORTHSIDE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 17 N SIDE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
557	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
557	0.70	0.69	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
558	0.69	0.68	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
559	0.68	0.67	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
560	0.67	0.66	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
561	0.66	0.65	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
562	0.65	0.64	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
563	0.64	0.63	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
564	0.63	0.62	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
565	0.62	0.61	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
566	0.61	0.60	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
567	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
568	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
569	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
570	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
571	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
572	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
573	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
574	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
575	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005



TOT		1.76			42.96	427.00			
AVG	0.00461		0.10	0.61			0.06		
CUM		1.76							

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da
557	0.690	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.18	0.06
558	0.680	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.18	0.06
559	0.670	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.18	0.06
560	0.660	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.18	0.06
561	0.650	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.18	0.06
562	0.640	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.18	0.06
563	0.630	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.18	0.06
564	0.620	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.18	0.06
565	0.610	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.18	0.06
566	0.600	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.18	0.06
567	0.590	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.18	0.06
568	0.580	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18	0.06
569	0.570	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.18	0.06
570	0.560	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.18	0.06
571	0.550	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.18	0.06
572	0.540	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.18	0.06
573	0.530	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.18	0.06
574	0.520	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.18	0.06
575	0.510	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.18	0.06
576	0.500	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.18	0.06
577	0.490	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.18	0.06
578	0.480	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.18	0.06
579	0.470	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.18	0.06
580	0.460	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.18	0.06
581	0.450	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.18	0.06
582	0.440	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.18	0.06
583	0.430	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.18	0.06
584	0.420	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.18	0.06
585	0.410	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.18	0.06
586	0.400	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.18	0.06
587	0.390	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.18	0.06
588	0.380	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.18	0.06
589	0.370	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.18	0.06
590	0.360	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.18	0.06
591	0.350	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.18	0.06
592	0.340	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.18	0.06
593	0.330	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.18	0.06
594	0.320	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.18	0.06
595	0.310	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.18	0.06

596	0.300	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.18	0.06
597	0.290	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.18	0.06
598	0.280	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.18	0.06
599	0.270	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.18	0.06
600	0.260	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.18	0.06
601	0.250	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.18	0.06
602	0.240	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.18	0.06
603	0.230	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.18	0.06
604	0.220	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.18	0.06
605	0.210	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.18	0.06
606	0.200	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.18	0.06
607	0.190	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.18	0.06
608	0.180	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.18	0.06
609	0.170	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.18	0.06
610	0.160	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.18	0.06
611	0.150	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.18	0.06
612	0.140	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.18	0.06
613	0.130	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.18	0.06
614	0.120	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.18	0.06
615	0.110	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.18	0.06
616	0.100	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.18	0.06
617	0.090	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.18	0.06
618	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.18	0.06
619	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.18	0.06
620	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.18	0.06
621	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.18	0.06
622	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.18	0.06
623	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.18	0.06
624	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.18	0.06
625	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.18	0.06
626	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

20 DEG C RATE 0.15 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10 0.05  
 AVG 20 DEG C RATE 7.26 0.10 0.00 0.05

\* g/sq m/d \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
557	0.690	28.50	0.00	0.00	0.00	5.43	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	4.97
558	0.680	28.50	0.00	0.00	0.00	5.78	4.91	4.92	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	4.94
559	0.670	28.50	0.00	0.00	0.00	6.07	4.87	4.88	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.91
560	0.660	28.50	0.00	0.00	0.00	6.31	4.83	4.84	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	4.88
561	0.650	28.50	0.00	0.00	0.00	6.51	4.79	4.80	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	4.85
562	0.640	28.50	0.00	0.00	0.00	6.67	4.75	4.76	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	4.82
563	0.630	28.50	0.00	0.00	0.00	6.81	4.71	4.72	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	4.79
564	0.620	28.50	0.00	0.00	0.00	6.92	4.67	4.68	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	4.77

565	0.610	28.50	0.00	0.00	0.00	7.01	4.63	4.64	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	4.74
566	0.600	28.50	0.00	0.00	0.00	7.09	4.59	4.60	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	4.71
567	0.590	28.50	0.00	0.00	0.00	7.16	4.55	4.56	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	4.68
568	0.580	28.50	0.00	0.00	0.00	7.21	4.51	4.53	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	4.65
569	0.570	28.50	0.00	0.00	0.00	7.26	4.47	4.49	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	4.63
570	0.560	28.50	0.00	0.00	0.00	7.29	4.43	4.45	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.60
571	0.550	28.50	0.00	0.00	0.00	7.33	4.39	4.42	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	4.57
572	0.540	28.50	0.00	0.00	0.00	7.35	4.36	4.38	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	4.54
573	0.530	28.50	0.00	0.00	0.00	7.38	4.32	4.34	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	4.52
574	0.520	28.50	0.00	0.00	0.00	7.40	4.28	4.31	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	4.49
575	0.510	28.50	0.00	0.00	0.00	7.41	4.25	4.27	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	4.46
576	0.500	28.50	0.00	0.00	0.00	7.43	4.21	4.24	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.00	4.44
577	0.490	28.50	0.00	0.00	0.00	7.44	4.17	4.20	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	4.41
578	0.480	28.50	0.00	0.00	0.00	7.45	4.14	4.17	0.00	0.00	0.00	0.00	0.00	1.57	0.00	0.00	4.38
579	0.470	28.50	0.00	0.00	0.00	7.46	4.10	4.14	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	4.36
580	0.460	28.50	0.00	0.00	0.00	7.47	4.07	4.10	0.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	4.33
581	0.450	28.50	0.00	0.00	0.00	7.48	4.03	4.07	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00	4.31
582	0.440	28.50	0.00	0.00	0.00	7.49	4.00	4.04	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	4.28
583	0.430	28.50	0.00	0.00	0.00	7.49	3.96	4.00	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	4.25
584	0.420	28.50	0.00	0.00	0.00	7.50	3.93	3.97	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	4.23
585	0.410	28.50	0.00	0.00	0.00	7.51	3.90	3.94	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	4.20
586	0.400	28.50	0.00	0.00	0.00	7.51	3.86	3.91	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00	4.18
587	0.390	28.50	0.00	0.00	0.00	7.52	3.83	3.87	0.00	0.00	0.00	0.00	0.00	2.21	0.00	0.00	4.15
588	0.380	28.50	0.00	0.00	0.00	7.52	3.80	3.84	0.00	0.00	0.00	0.00	0.00	2.29	0.00	0.00	4.13
589	0.370	28.50	0.00	0.00	0.00	7.53	3.76	3.81	0.00	0.00	0.00	0.00	0.00	2.36	0.00	0.00	4.10
590	0.360	28.50	0.00	0.00	0.00	7.53	3.73	3.78	0.00	0.00	0.00	0.00	0.00	2.43	0.00	0.00	4.08
591	0.350	28.50	0.00	0.00	0.00	7.54	3.70	3.75	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.06
592	0.340	28.50	0.00	0.00	0.00	7.54	3.67	3.72	0.00	0.00	0.00	0.00	0.00	2.57	0.00	0.00	4.03
593	0.330	28.50	0.00	0.00	0.00	7.54	3.64	3.69	0.00	0.00	0.00	0.00	0.00	2.64	0.00	0.00	4.01
594	0.320	28.50	0.00	0.00	0.00	7.55	3.61	3.66	0.00	0.00	0.00	0.00	0.00	2.71	0.00	0.00	3.98
595	0.310	28.50	0.00	0.00	0.00	7.55	3.58	3.63	0.00	0.00	0.00	0.00	0.00	2.79	0.00	0.00	3.96
596	0.300	28.50	0.00	0.00	0.00	7.56	3.54	3.60	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	3.94
597	0.290	28.50	0.00	0.00	0.00	7.56	3.51	3.57	0.00	0.00	0.00	0.00	0.00	2.93	0.00	0.00	3.91
598	0.280	28.50	0.00	0.00	0.00	7.56	3.48	3.54	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	3.89
599	0.270	28.50	0.00	0.00	0.00	7.57	3.45	3.52	0.00	0.00	0.00	0.00	0.00	3.07	0.00	0.00	3.87
600	0.260	28.50	0.00	0.00	0.00	7.57	3.43	3.49	0.00	0.00	0.00	0.00	0.00	3.14	0.00	0.00	3.84
601	0.250	28.50	0.00	0.00	0.00	7.57	3.40	3.46	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	3.82
602	0.240	28.50	0.00	0.00	0.00	7.58	3.37	3.43	0.00	0.00	0.00	0.00	0.00	3.29	0.00	0.00	3.80
603	0.230	28.50	0.00	0.00	0.00	7.58	3.34	3.41	0.00	0.00	0.00	0.00	0.00	3.36	0.00	0.00	3.78
604	0.220	28.50	0.00	0.00	0.00	7.59	3.31	3.38	0.00	0.00	0.00	0.00	0.00	3.43	0.00	0.00	3.75
605	0.210	28.50	0.00	0.00	0.00	7.59	3.28	3.35	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	3.73
606	0.200	28.50	0.00	0.00	0.00	7.59	3.25	3.32	0.00	0.00	0.00	0.00	0.00	3.57	0.00	0.00	3.71
607	0.190	28.50	0.00	0.00	0.00	7.60	3.23	3.30	0.00	0.00	0.00	0.00	0.00	3.64	0.00	0.00	3.69
608	0.180	28.50	0.00	0.00	0.00	7.60	3.20	3.27	0.00	0.00	0.00	0.00	0.00	3.71	0.00	0.00	3.66
609	0.170	28.50	0.00	0.00	0.00	7.60	3.17	3.25	0.00	0.00	0.00	0.00	0.00	3.79	0.00	0.00	3.64
610	0.160	28.50	0.00	0.00	0.00	7.61	3.14	3.22	0.00	0.00	0.00	0.00	0.00	3.86	0.00	0.00	3.62
611	0.150	28.50	0.00	0.00	0.00	7.61	3.12	3.19	0.00	0.00	0.00	0.00	0.00	3.93	0.00	0.00	3.60
612	0.140	28.50	0.00	0.00	0.00	7.61	3.09	3.17	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	3.58
613	0.130	28.50	0.00	0.00	0.00	7.62	3.06	3.14	0.00	0.00	0.00	0.00	0.00	4.07	0.00	0.00	3.56
614	0.120	28.50	0.00	0.00	0.00	7.62	3.04	3.12	0.00	0.00	0.00	0.00	0.00	4.14	0.00	0.00	3.53
615	0.110	28.50	0.00	0.00	0.00	7.62	3.01	3.10	0.00	0.00	0.00	0.00	0.00	4.21	0.00	0.00	3.51

616	0.100	28.50	0.00	0.00	0.00	7.63	2.99	3.07	0.00	0.00	0.00	0.00	0.00	4.29	0.00	0.00	3.49
617	0.090	28.50	0.00	0.00	0.00	7.63	2.96	3.05	0.00	0.00	0.00	0.00	0.00	4.36	0.00	0.00	3.47
618	0.080	28.50	0.00	0.00	0.00	7.63	2.93	3.02	0.00	0.00	0.00	0.00	0.00	4.43	0.00	0.00	3.45
619	0.070	28.50	0.00	0.00	0.00	7.64	2.91	3.00	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	3.43
620	0.060	28.50	0.00	0.00	0.00	7.64	2.88	2.98	0.00	0.00	0.00	0.00	0.00	4.57	0.00	0.00	3.41
621	0.050	28.50	0.00	0.00	0.00	7.64	2.86	2.95	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	3.39
622	0.040	28.50	0.00	0.00	0.00	7.65	2.84	2.93	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	3.37
623	0.030	28.50	0.00	0.00	0.00	7.65	2.81	2.91	0.00	0.00	0.00	0.00	0.00	4.79	0.00	0.00	3.35
624	0.020	28.50	0.00	0.00	0.00	7.65	2.79	2.89	0.00	0.00	0.00	0.00	0.00	4.86	0.00	0.00	3.33
625	0.010	28.50	0.00	0.00	0.00	7.64	2.87	2.96	0.00	0.00	0.00	0.00	0.00	4.93	0.00	0.00	3.40
626	0.000	28.50	0.00	0.00	0.00	6.82	8.26	8.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	8.17

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

STREAM SUMMARY  
 NORTHSIDE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME	=	1.76	DAYS
MAXIMUM EFFLUENT	=	0.00	PERCENT
FLOW	=	0.00028	TO 0.00028 cms
DISPERSION	=	0.0009	TO 0.0009 sq m/s
VELOCITY	=	0.00461	TO 0.00461 m/s
DEPTH	=	0.10	TO 0.10 m
WIDTH	=	0.61	TO 0.61 m
BOD DECAY	=	0.22	TO 0.22 per day
NH3 DECAY	=	0.00	TO 0.00 per day
SDMNT OXYGEN DMND	=	0.05	TO 0.15 g/sq m/d
NH3 SOURCE	=	0.00	TO 0.00 g/sq m/d
REAERATION	=	8.50	TO 8.50 per day
BOD SETTLING	=	0.12	TO 0.12 per day
ORGN DECAY	=	0.00	TO 0.00 per day
ORGN SETTLING	=	0.00	TO 0.00 per day
TEMPERATURE	=	28.50	TO 28.50 deg C
DISSOLVED OXYGEN	=	5.43	TO 7.65 mg/L

.....EXECUTION COMPLETED

## APPENDIX M – SUMMER PROJECTION WITH NO MAN-MADE LOAD OUTPUT

LA-QUAL Version 4.13  
 Louisiana Department of Environmental Quality

Input file is D:\Chauvin\1994-Model\Project\ChauvinSumProj\_No man-made load.txt  
 Output produced at 07:42 on 07/20/2001

\$\$\$ DATA TYPE 1 (TITLES AND CONTROL CARDS) \$\$\$

CARD TYPE	CONTROL TITLES	
TITLE01	BAYOU CHAUVIN PROJECTION	
TITLE02		
CNTR0L11	NO	SEQUENCING OUTPUT
CNTR0L12	YES	METRIC UNITS
CNTR0L13	YES	OXYGEN DEPENDENT RATES
ENDATA01		

\$\$\$ DATA TYPE 2 (MODEL OPTIONS) \$\$\$

CARD TYPE	MODEL OPTION		
MODOPT01	NO	TEMPERATURE	
MODOPT02	NO	SALINITY	
MODOPT03	NO	CONSERVATIVE MATERIAL I = CHLORIDES	IN MG/L
MODOPT04	NO	CONSERVATIVE MATERIAL II = SULFATES	IN MG/L
MODOPT05	YES	DISSOLVED OXYGEN	
MODOPT06	YES	BIOCHEMICAL OXYGEN DEMAND	
MODOPT07	NO	NITROGEN	
MODOPT08	NO	PHOSPHORUS	
MODOPT09	NO	CHLOROPHYLL A	
MODOPT10	NO	MACROPHYTES	
MODOPT11	NO	COLIFORM	
MODOPT12	YES	NONCONSERVATIVE MATERIAL = NBOD	IN MG/L
ENDATA02			

\$\$\$ DATA TYPE 3 (PROGRAM CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
PROGRAM	MAXIMUM ITERATION LIMIT	= 200.00000
PROGRAM	NCM OXYGEN UPTAKE RATE	= 1.00000
PROGRAM	KL MINIMUM	= 0.70000
PROGRAM	OCEAN EXCHANGE RATIO	= 0.00000
PROGRAM	K2 MAXIMUM	= 25.00000
PROGRAM	ALGAE OXYGEN PROD	= 0.14000
PROGRAM	SETTLING RATE UNITS	= 2.00000
PROGRAM	HYDROLOGIC CALCULATION METHOD	= 2.00000
PROGRAM	BENTHAL MAXIMUM RATE	= 10.00000
PROGRAM	EFFECTIVE BOD DUE TO ALGAE	= 0.02000

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

PROGRAM                   DISPERSION EQUATION                   =                   1.00000  
 ENDATA03

\$\$\$ DATA TYPE 4 (TEMPERATURE CORRECTION CONSTANTS FOR RATE COEFFICIENTS) \$\$\$

CARD TYPE	RATE CODE	THETA VALUE
THETA	BENTHAL	1.06500
THETA	NCM DECA	1.07000

ENDATA04

\$\$\$ CONSTANTS TYPE 5 (TEMPERATURE DATA) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA05		

\$\$\$ DATA TYPE 6 (ALGAE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ALGAE	O PRODUCTION DUE TO GROWTH	1.60000
ALGAE	O UPTAKE DUE TO RESPIRATION	2.00000

ENDATA06

\$\$\$ DATA TYPE 7 (MACROPHYTE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA07		

\$\$\$ DATA TYPE 8 (REACH IDENTIFICATION DATA) \$\$\$

CARD TYPE	REACH	ID	NAME	BEGIN REACH km	END REACH km	ELEM LENGTH km	REACH LENGTH km	ELEMS PER RCH	BEGIN ELEM NUM	END ELEM NUM
REACH ID	1	BC	HWY 139 TO LAKEWOOD DR	10.90	TO 10.18	0.0200	0.72	36	1	36
REACH ID	2	BC	LAKEWOOD DR TO BAYOU OAKS DITCH	10.18	TO 9.98	0.0200	0.20	10	37	46
REACH ID	3	BO	BAYOU OAKS POND TO BAYOU CHAUVIN	0.08	TO 0.00	0.0100	0.08	8	47	54
REACH ID	4	BC	BAYOU OAKS DITCH TO JOE WHITE RD	9.98	TO 9.70	0.0200	0.28	14	55	68
REACH ID	5	BC	J WHITE RD TO CONTROL STRUCTURE	9.70	TO 9.22	0.0200	0.48	24	69	92
REACH ID	6	BC	CONT STRUCT TO OAKWOOD POND #2	9.22	TO 6.20	0.0200	3.02	151	93	243
REACH ID	7	BC	OAKWOOD #2 TO OLD STERLINGTON RD	6.20	TO 5.44	0.0200	0.76	38	244	281
REACH ID	8	BC	OLD ST RD TO WEST ELMWOOD DITCH	5.44	TO 5.24	0.0200	0.20	10	282	291
REACH ID	9	WE	W ELMWOOD POND TO BAYOU CHAUVIN	0.36	TO 0.00	0.0100	0.36	36	292	327
REACH ID	10	BC	W ELMWOOD DITCH TO ALM RR	5.24	TO 4.68	0.0200	0.56	28	328	355
REACH ID	11	WE	ALM RR TO NORTH MONROE DITCH	4.68	TO 4.36	0.0200	0.32	16	356	371
REACH ID	12	NM	N MONROE SD #1 POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	372	431
REACH ID	13	BC	N MONROE DITCH TO HWY 165	4.36	TO 4.12	0.0200	0.24	12	432	443
REACH ID	14	BC	HWY 165 TO NORTH GATE DITCH	4.12	TO 3.86	0.0200	0.26	13	444	456
REACH ID	15	NG	N GATE ESTATES POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	457	516

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

REACH ID	16	BC	N GATE DITCH TO NORTHSIDE DITCH	3.86	TO	3.06	0.0200	0.80	40	517	556
REACH ID	17	NS	N SIDE ESTATES POND TO B CHAUVIN	0.70	TO	0.00	0.0100	0.70	70	557	626
REACH ID	18	BC	N SIDE DITCH TO OUACHITA R LEVEE	3.06	TO	0.00	0.0200	3.06	153	627	779

ENDATA08

\$\$\$ DATA TYPE 9 (ADVECTIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	WIDTH "A"	WIDTH "B"	WIDTH "C"	DEPTH "D"	DEPTH "E"	DEPTH "F"	SLOPE	MANNINGS "N"
HYDR-1	1	BC	0.000	0.000	7.925	0.000	0.000	0.229	0.00000	0.070
HYDR-1	2	BC	0.000	0.000	10.363	0.000	0.000	0.229	0.00000	0.070
HYDR-1	3	BO	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	4	BC	0.000	0.000	12.802	0.000	0.000	0.229	0.00000	0.070
HYDR-1	5	BC	0.000	0.000	10.973	0.000	0.000	0.229	0.00000	0.070
HYDR-1	6	BC	0.000	0.000	9.449	0.000	0.000	0.408	0.00000	0.070
HYDR-1	7	BC	0.000	0.000	10.973	0.000	0.000	0.360	0.00000	0.070
HYDR-1	8	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	9	WE	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	10	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	11	WE	0.000	0.000	12.192	0.000	0.000	0.274	0.00000	0.070
HYDR-1	12	NM	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	13	BC	0.000	0.000	15.240	0.000	0.000	0.274	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 14										
HYDR-1	14	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	15	NG	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 16										
HYDR-1	16	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	17	NS	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 18										
HYDR-1	18	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070

ENDATA09

\$\$\$ DATA TYPE 10 (DISPERSIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	TIDAL RANGE	DISPERSION "A"	DISPERSION "B"	DISPERSION "C"	DISPERSION "D"
HYDR	1	BC	0.00	0.001	0.000	0.000	0.000
HYDR	2	BC	0.00	0.000	0.000	0.000	0.000
HYDR	4	BC	0.00	0.000	0.000	0.000	0.000
HYDR	5	BC	0.00	0.001	0.000	0.000	0.000
HYDR	6	BC	0.00	0.002	0.000	0.000	0.000
HYDR	7	BC	0.00	0.031	0.000	0.000	0.000
HYDR	8	BC	0.00	0.010	0.000	0.000	0.000
HYDR	10	BC	0.00	0.010	0.000	0.000	0.000
HYDR	11	WE	0.00	0.077	0.000	0.000	0.000
HYDR	13	BC	0.00	0.093	0.000	0.000	0.000
HYDR	14	BC	0.00	0.077	0.000	0.000	0.000
HYDR	16	BC	0.00	0.078	0.000	0.000	0.000
HYDR	18	BC	0.00	0.075	0.000	0.000	0.000

ENDATA10

\$\$\$ DATA TYPE 11 (INITIAL CONDITIONS) \$\$\$

CARD TYPE	REACH	ID	TEMP	SALIN	DO	NH3	NO3+2	PHOS	CHL A	MACRO
INITIAL	1	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	2	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	3	BO	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	4	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	5	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	6	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	7	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	8	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	9	WE	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	10	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	11	WE	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	12	NM	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	13	BC	28.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	14	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	15	NG	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	16	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	17	NS	28.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	18	BC	28.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00

ENDATA11

\$\$\$ DATA TYPE 12 (REAERATION, SEDIMENT OXYGEN DEMAND, BOD COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	K2 OPT	K2 "A"	K2 "B"	K2 "C"	BKGRND SOD	AEROB BOD DECAY	BOD SETT	BOD CONV TO SOD	ANAER BOD DECAY
COEF-1	1	BC	15 LOUISIANA	0.000	0.000	0.000	0.720	0.150	0.100	1.000	0.000
COEF-1	2	BC	15 LOUISIANA	0.000	0.000	0.000	0.980	0.150	0.100	1.000	0.000
COEF-1	3	BO	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	4	BC	15 LOUISIANA	0.000	0.000	0.000	0.770	0.150	0.100	1.000	0.000
COEF-1	5	BC	15 LOUISIANA	0.000	0.000	0.000	0.920	0.150	0.100	1.000	0.000
COEF-1	6	BC	15 LOUISIANA	0.000	0.000	0.000	0.600	0.150	0.100	1.000	0.000
COEF-1	7	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	8	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	9	WE	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	10	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	11	WE	15 LOUISIANA	0.000	0.000	0.000	0.030	0.150	0.100	1.000	0.000
COEF-1	12	NM	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	13	BC	15 LOUISIANA	0.000	0.000	0.000	0.030	0.150	0.100	1.000	0.000
COEF-1	14	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000
COEF-1	15	NG	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	16	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000
COEF-1	17	NS	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	18	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000

ENDATA12

\$\$\$ DATA TYPE 13 (NITROGEN AND PHOSPHORUS COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	ORG-N DECA	ORG-N SETT	ORGN CONV TO NH3 SRCE	NH3 DECA	NH3 SRCE	PHOS SRCE	DENIT RATE
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ENDATA13

\$\$\$ DATA TYPE 14 (ALGAE AND MACROPHYTE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	SECCHI DEPTH	ALGAE: CHL A	ALGAE SETT	ALG CONV TO SOD	ALGAE GROW	ALGAE RESP	MACRO GROW	MACRO RESP
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ENDATA14

\$\$\$ DATA TYPE 15 (COLIFORM AND NONCONSERVATIVE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	COLIFORM DIE-OFF	NCM DECAY	NCM SETT	NCM CONV TO SOD
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COEF-4	1	BC	0.00	0.10	0.05	1.00
COEF-4	2	BC	0.00	0.10	0.05	1.00
COEF-4	3	BO	0.00	0.10	0.05	1.00
COEF-4	4	BC	0.00	0.10	0.05	1.00
COEF-4	5	BC	0.00	0.10	0.05	1.00
COEF-4	6	BC	0.00	0.10	0.05	1.00
COEF-4	7	BC	0.00	0.10	0.05	1.00
COEF-4	8	BC	0.00	0.10	0.05	1.00
COEF-4	9	WE	0.00	0.10	0.05	1.00
COEF-4	10	BC	0.00	0.10	0.05	1.00
COEF-4	11	WE	0.00	0.10	0.05	1.00
COEF-4	12	NM	0.00	0.10	0.05	1.00
COEF-4	13	BC	0.00	0.10	0.05	1.00
COEF-4	14	BC	0.00	0.10	0.05	1.00
COEF-4	15	NG	0.00	0.10	0.05	1.00
COEF-4	16	BC	0.00	0.10	0.05	1.00
COEF-4	17	NS	0.00	0.10	0.05	1.00
COEF-4	18	BC	0.00	0.10	0.05	1.00

ENDATA15

\$\$\$ DATA TYPE 16 (INCREMENTAL DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	OUTFLOW	INFLOW	TEMP	SALIN	CM-I	CM-II	IN/DIST	OUT/DIST
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INCR-1	1	BC	-0.00073	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00101
INCR-1	2	BC	-0.00019	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00095
INCR-1	3	BO	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	4	BC	-0.00028	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	5	BC	-0.00048	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	6	BC	-0.00302	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	7	BC	-0.00076	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	8	BC	-0.00020	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-1	9	WE	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	10	BC	-0.00057	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00102
INCR-1	11	WE	-0.00031	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00097
INCR-1	12	NM	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	13	BC	-0.00024	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	14	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	15	NG	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	16	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	17	NS	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	18	BC	0.00000	0.00500	25.00	0.00	27.50	17.50	0.00163	0.00000

ENDATA16

\$\$\$ DATA TYPE 17 (INCREMENTAL DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	REACH	ID	DO	BOD	ORG-N	NH3	NO3+2
INCR-2	1	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	2	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	3	BO	3.00	0.00	0.00	0.00	0.00
INCR-2	4	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	5	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	6	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	7	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	8	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	9	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	10	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	11	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	12	NM	3.00	0.00	0.00	0.00	0.00
INCR-2	13	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	14	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	15	NG	3.00	0.00	0.00	0.00	0.00
INCR-2	16	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	17	NS	3.00	0.00	0.00	0.00	0.00
INCR-2	18	BC	3.00	2.00	0.00	0.00	0.00

ENDATA17

\$\$\$ DATA TYPE 18 (INCREMENTAL DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	PHOS	CHL A	COLI	NCM
INCR-3	1	BC	0.00	0.00	0.00	0.00
INCR-3	2	BC	0.00	0.00	0.00	0.00
INCR-3	3	BO	0.00	0.00	0.00	0.00
INCR-3	4	BC	0.00	0.00	0.00	0.00
INCR-3	5	BC	0.00	0.00	0.00	0.00
INCR-3	6	BC	0.00	0.00	0.00	0.00
INCR-3	7	BC	0.00	0.00	0.00	0.00
INCR-3	8	BC	0.00	0.00	0.00	0.00
INCR-3	9	WE	0.00	0.00	0.00	0.00
INCR-3	10	BC	0.00	0.00	0.00	0.00
INCR-3	11	WE	0.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-3	12	NM	0.00	0.00	0.00	0.00
INCR-3	13	BC	0.00	0.00	0.00	0.00
INCR-3	14	BC	0.00	0.00	0.00	0.00
INCR-3	15	NG	0.00	0.00	0.00	0.00
INCR-3	16	BC	0.00	0.00	0.00	0.00
INCR-3	17	NS	0.00	0.00	0.00	0.00
INCR-3	18	BC	0.00	0.00	0.00	2.00

ENDATA18

\$\$\$ DATA TYPE 19 (NONPOINT SOURCE DATA) \$\$\$

CARD TYPE	REACH	ID	BOD	ORG-N	COLI	NCM	DO
NONPOINT	1	BC	0.11	0.00	0.00	1.51	0.00
NONPOINT	2	BC	0.05	0.00	0.00	0.00	0.00
NONPOINT	3	BO	0.00	0.00	0.00	0.00	0.00
NONPOINT	4	BC	0.83	0.00	0.00	0.00	0.00
NONPOINT	5	BC	0.42	0.00	0.00	0.00	0.00
NONPOINT	6	BC	7.44	0.00	0.00	4.12	0.00
NONPOINT	7	BC	5.74	0.00	0.00	2.60	0.00
NONPOINT	8	BC	1.16	0.00	0.00	0.79	0.00
NONPOINT	9	WE	0.00	0.00	0.00	0.00	0.00
NONPOINT	10	BC	3.79	0.00	0.00	1.77	0.00
NONPOINT	11	WE	2.37	0.00	0.00	1.31	0.00
NONPOINT	12	NM	0.00	0.00	0.00	0.00	0.00
NONPOINT	13	BC	2.27	0.00	0.00	1.27	0.00
NONPOINT	14	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	15	NG	0.00	0.00	0.00	0.00	0.00
NONPOINT	16	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	17	NS	0.00	0.00	0.00	0.00	0.00
NONPOINT	18	BC	0.00	0.00	0.00	0.00	0.00

ENDATA19

\$\$\$ DATA TYPE 20 (HEADWATER FOR FLOW, TEMPERATURE, SALINITY AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	UNIT	FLOW	TEMP	SALIN	CM-I	CM-II
HDWTR-1	1	B CHAUVIN @ HWY 139	0	0.00283	28.500	0.000	34.000	6.000
HDWTR-1	47	BAYOU OAKS DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	292	WEST ELMWOOD DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	372	NORTH MONROE DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	457	NORTH GATE DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	557	NORTHSIDE DITCH	0	0.00028	28.500	0.000	10.000	7.000

ENDATA20

\$\$\$ DATA TYPE 21 (HEADWATER DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	ORG-N	NH3	NO3+2
HDWTR-2	1	B CHAUVIN @ HWY 139	6.10	5.00	0.00	0.00	0.00
HDWTR-2	47	BAYOU OAKS DITCH	5.00	5.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

HDWTR-2	292	WEST ELMWOOD DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	372	NORTH MONROE DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	457	NORTH GATE DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	557	NORTHSIDE DITCH	5.00	5.00	0.00	0.00	0.00
ENDATA21							

\$\$\$ DATA TYPE 22 (HEADWATER DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
HDWTR-3	1	B CHAUVIN @ HWY 139	0.00	0.00	0.00	5.00
HDWTR-3	47	BAYOU OAKS DITCH	0.00	0.00	0.00	5.00
HDWTR-3	292	WEST ELMWOOD DITCH	0.00	0.00	0.00	5.00
HDWTR-3	372	NORTH MONROE DITCH	0.00	0.00	0.00	5.00
HDWTR-3	457	NORTH GATE DITCH	0.00	0.00	0.00	5.00
HDWTR-3	557	NORTHSIDE DITCH	0.00	0.00	0.00	5.00
ENDATA22						

\$\$\$ DATA TYPE 23 (JUNCTION DATA) \$\$\$

CARD TYPE	JUNCTION ELEMENT	UPSTRM ELEMENT	RIVER KILOM	NAME
JUNCTION	55	46	9.98	BAYOU OAKS DITCH WITH BAYOU CHAUVIN
JUNCTION	328	291	5.24	WEST ELMWOOD DITCH WITH BAYOU CHAUVIN
JUNCTION	432	371	4.36	NORTH MONROE DITCH WITH BAYOU CHAUVIN
JUNCTION	517	456	3.86	NORTH GATE DITCH WITH BAYOU CHAUVIN
JUNCTION	627	556	3.06	NORTHSIDE DITCH WITH BAYOU CHAUVIN
ENDATA23				

\$\$\$ DATA TYPE 24 (WASTELOAD DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	RKILO	NAME	FLOW	TEMP	SAL	CM-I	CM-II
WSTLD-1	23	10.46	LAKEVIEW ESTATES	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	47	0.08	BAYOU OAKS POND	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	75	9.58	BAYOU DESIARD	0.01500	28.500	0.000	0.000	0.000
WSTLD-1	110	8.88	LEISURE VILLAGE	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	228	6.52	OAKWOOD # 1	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	244	6.20	OAKWOOD # 2	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	292	0.36	WEST ELMWOOD POND	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	372	0.60	NORTH MONROE SD # 1	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	457	0.60	NORTH GATE ESTATES	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	557	0.70	NORTHSIDE TERRACE	0.00000	28.500	0.000	0.000	0.000
ENDATA24								

\$\$\$ DATA TYPE 25 (WASTELOAD DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	% BOD RMVL	ORG-N	NH3	% NITRIF	NO3+2
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Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WSTLD-2	23	LAKEVIEW ESTATES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	47	BAYOU OAKS POND	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	75	BAYOU DESIARD	5.00	5.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	110	LEISURE VILLAGE	2.00	69.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	228	OAKWOOD # 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	244	OAKWOOD # 2	5.00	23.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	292	WEST ELMWOOD POND	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	372	NORTH MONROE SD # 1	2.00	69.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	457	NORTH GATE ESTATES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	557	NORTHSIDE TERRACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENDATA25									

\$\$\$ DATA TYPE 26 (WASTELOAD DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
WSTLD-3	23	LAKEVIEW ESTATES	0.00	0.00	0.00	0.00
WSTLD-3	47	BAYOU OAKS POND	0.00	0.00	0.00	0.00
WSTLD-3	75	BAYOU DESIARD	0.00	0.00	0.00	5.00
WSTLD-3	110	LEISURE VILLAGE	0.00	0.00	0.00	64.50
WSTLD-3	228	OAKWOOD # 1	0.00	0.00	0.00	0.00
WSTLD-3	244	OAKWOOD # 2	0.00	0.00	0.00	21.50
WSTLD-3	292	WEST ELMWOOD POND	0.00	0.00	0.00	0.00
WSTLD-3	372	NORTH MONROE SD # 1	0.00	0.00	0.00	64.50
WSTLD-3	457	NORTH GATE ESTATES	0.00	0.00	0.00	0.00
WSTLD-3	557	NORTHSIDE TERRACE	0.00	0.00	0.00	0.00
ENDATA26						

\$\$\$ DATA TYPE 27 (LOWER BOUNDARY CONDITIONS) \$\$\$

CARD TYPE	CONSTITUENT	CONCENTRATION
LOWER BC	TEMPERATURE	= 28.500 deg C
LOWER BC	SALINITY	= 0.000 ppt
LOWER BC	CONSERVATIVE MATERIAL I	= 0.000 MG/L
LOWER BC	CONSERVATIVE MATERIAL II	= 0.000 MG/L
LOWER BC	DISSOLVED OXYGEN	= 0.000 mg/L
LOWER BC	BIOCHEMICAL OXYGEN DEMAND	= 0.000 mg/L
LOWER BC	ORGANIC NITROGEN	= 0.000 mg/L
LOWER BC	AMMONIA NITROGEN	= 0.000 mg/L
LOWER BC	NITRATE+NITRITE NITROGEN	= 0.000 mg/L
LOWER BC	PHOSPHORUS	= 0.000 mg/L
LOWER BC	CHLOROPHYLL A	= 5.000 µg/L
LOWER BC	COLIFORM	= 0.000 #/100 mL
LOWER BC	NONCONSERVATIVE MATERIAL	= 0.000 MG/L
ENDATA27		

\$\$\$ DATA TYPE 28 (RESERVED FOR FUTURE DATA INPUT) \$\$\$

CARD TYPE

ENDATA28

\$\$\$ DATA TYPE 29 (SENSITIVITY ANALYSIS DATA) \$\$\$

CARD TYPE	PARAMETER	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8
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ENDATA29

\$\$\$ DATA TYPE 30 (PLOT CONTROL CARDS) \$\$\$

NUMBER OF PLOTS = 1  
 NUMBER OF REACHES IN PLOT 1 = 13  
 PLOT RCH 1 2 4 5 6 7 8 10 11 13 14 16 18  
 ENDATA30

\$\$\$ DATA TYPE 31 (OVERLAY PLOT DATA) \$\$\$

OVERLAY 1                                    OPDATA2.TXT    B CHAUVIN SUM PROJ WITH NO MAN-MADE BENTHIC LOAD  
 ENDATA31

.....NO ERRORS DETECTED IN INPUT DATA  
 .....HYDRAULIC CALCULATIONS COMPLETED  
 .....TRIDIAGONAL MATRIX TERMS INITIALIZED  
 .....OXYGEN DEPENDENT RATES CONVERGENT IN 32 ITERATIONS  
 .....CONSTITUENT CALCULATIONS COMPLETED  
 .....GRAPHICS DATA FOR PLOT 1 WRITTEN TO UNIT 11

FINAL REPORT    B CHAUVIN @ HWY 139                                    BAYOU CHAUVIN PROJECTION  
 REACH NO. 1    HWY 139 TO LAKEWOOD DR

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
1	HDWTR	0.00283	28.50	0.00	34.00	6.00	6.10	4.80	5.00	0.00	0.00	0.00	0.00	10.00	0.00	5.00
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
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1	10.90	10.88	0.00281	0.00	0.00155	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
2	10.88	10.86	0.00279	0.00	0.00154	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
3	10.86	10.84	0.00277	0.00	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
4	10.84	10.82	0.00275	0.00	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
5	10.82	10.80	0.00273	0.00	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
6	10.80	10.78	0.00271	0.00	0.00149	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
7	10.78	10.76	0.00269	0.00	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
8	10.76	10.74	0.00267	0.00	0.00147	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
9	10.74	10.72	0.00265	0.00	0.00146	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
10	10.72	10.70	0.00263	0.00	0.00145	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
11	10.70	10.68	0.00261	0.00	0.00144	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
12	10.68	10.66	0.00259	0.00	0.00143	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
13	10.66	10.64	0.00257	0.00	0.00142	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
14	10.64	10.62	0.00255	0.00	0.00141	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
15	10.62	10.60	0.00253	0.00	0.00139	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
16	10.60	10.58	0.00251	0.00	0.00138	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
17	10.58	10.56	0.00249	0.00	0.00137	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
18	10.56	10.54	0.00247	0.00	0.00136	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
19	10.54	10.52	0.00244	0.00	0.00135	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
20	10.52	10.50	0.00242	0.00	0.00134	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
21	10.50	10.48	0.00240	0.00	0.00133	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
22	10.48	10.46	0.00238	0.00	0.00132	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
23	10.46	10.44	0.00236	0.00	0.00130	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
24	10.44	10.42	0.00234	0.00	0.00129	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
25	10.42	10.40	0.00232	0.00	0.00128	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
26	10.40	10.38	0.00230	0.00	0.00127	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
27	10.38	10.36	0.00228	0.00	0.00126	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
28	10.36	10.34	0.00226	0.00	0.00125	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
29	10.34	10.32	0.00224	0.00	0.00124	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
30	10.32	10.30	0.00222	0.00	0.00123	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
31	10.30	10.28	0.00220	0.00	0.00122	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
32	10.28	10.26	0.00218	0.00	0.00120	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
33	10.26	10.24	0.00216	0.00	0.00119	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
34	10.24	10.22	0.00214	0.00	0.00118	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
35	10.22	10.20	0.00212	0.00	0.00117	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
36	10.20	10.18	0.00210	0.00	0.00116	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
TOT						6.20			1304.39	5706.00					
AVG				0.00135			0.23	7.93			1.81				
CUM						6.20									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
1	10.880	7.76	3.59	0.22	0.12	0.00	1.23	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	2.04	0.00	0.00	0.18	0.06
2	10.860	7.76	3.59	0.22	0.12	0.00	1.23	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.18	0.06
3	10.840	7.76	3.59	0.22	0.12	0.00	1.23	1.42	1.42	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.18	0.06

4	10.820	7.76	3.59	0.22	0.12	0.00	1.23	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00	0.00	0.18	0.06
5	10.800	7.76	3.59	0.22	0.12	0.00	1.23	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.00	0.00	0.18	0.06
6	10.780	7.76	3.59	0.22	0.12	0.00	1.23	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.18	0.06
7	10.760	7.76	3.59	0.22	0.12	0.00	1.23	1.40	1.40	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.00	0.00	0.18	0.06
8	10.740	7.76	3.59	0.22	0.12	0.00	1.23	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.18	0.06
9	10.720	7.76	3.59	0.22	0.12	0.00	1.23	1.39	1.39	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.18	0.06
10	10.700	7.76	3.59	0.22	0.12	0.00	1.23	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00	0.18	0.06
11	10.680	7.76	3.59	0.22	0.12	0.00	1.23	1.38	1.38	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.18	0.06
12	10.660	7.76	3.59	0.22	0.12	0.00	1.23	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.18	0.06
13	10.640	7.76	3.59	0.22	0.12	0.00	1.23	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.18	0.06
14	10.620	7.76	3.59	0.22	0.12	0.00	1.23	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.18	0.06
15	10.600	7.76	3.59	0.22	0.12	0.00	1.23	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.18	0.06
16	10.580	7.76	3.59	0.22	0.12	0.00	1.23	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.18	0.06
17	10.560	7.76	3.59	0.22	0.12	0.00	1.23	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00	0.18	0.06
18	10.540	7.76	3.59	0.22	0.12	0.00	1.23	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
19	10.520	7.76	3.59	0.22	0.12	0.00	1.23	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.00	0.00	0.18	0.06
20	10.500	7.76	3.59	0.22	0.12	0.00	1.23	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.18	0.06
21	10.480	7.76	3.59	0.22	0.12	0.00	1.23	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.00	0.18	0.06
22	10.460	7.76	3.59	0.22	0.12	0.00	1.23	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.18	0.06
23	10.440	7.76	3.59	0.22	0.12	0.00	1.23	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.00	0.00	0.18	0.06
24	10.420	7.76	3.59	0.22	0.12	0.00	1.23	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.18	0.06
25	10.400	7.76	3.59	0.22	0.12	0.00	1.23	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.18	0.06
26	10.380	7.76	3.59	0.22	0.12	0.00	1.23	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.18	0.06
27	10.360	7.76	3.59	0.22	0.12	0.00	1.23	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.18	0.06
28	10.340	7.76	3.59	0.22	0.12	0.00	1.23	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.18	0.06
29	10.320	7.76	3.59	0.22	0.12	0.00	1.23	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.18	0.06
30	10.300	7.76	3.59	0.22	0.12	0.00	1.23	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.18	0.06
31	10.280	7.76	3.59	0.22	0.12	0.00	1.23	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.18	0.06
32	10.260	7.76	3.59	0.22	0.12	0.00	1.23	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.18	0.06
33	10.240	7.76	3.59	0.22	0.12	0.00	1.23	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00	0.18	0.06
34	10.220	7.76	3.59	0.22	0.12	0.00	1.23	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.18	0.06
35	10.200	7.76	3.59	0.22	0.12	0.00	1.23	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.00	0.18	0.06
36	10.180	7.76	3.59	0.22	0.12	0.00	1.23	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

20 DEG C RATE 0.15 0.00 0.72 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10 0.05  
 AVG 20 DEG C RATE 3.06 0.10 0.00 0.00 0.05

\* g/sq m/d \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
1	10.880	28.50	0.00	0.00	0.00	6.08	4.58	4.77	0.00	0.00	0.00	0.00	0.00	9.86	0.00	0.00	4.99
2	10.860	28.50	0.00	0.00	0.00	6.08	4.36	4.56	0.00	0.00	0.00	0.00	0.00	9.72	0.00	0.00	4.99
3	10.840	28.50	0.00	0.00	0.00	6.08	4.16	4.35	0.00	0.00	0.00	0.00	0.00	9.58	0.00	0.00	4.98
4	10.820	28.50	0.00	0.00	0.00	6.08	3.97	4.16	0.00	0.00	0.00	0.00	0.00	9.44	0.00	0.00	4.98
5	10.800	28.50	0.00	0.00	0.00	6.09	3.78	3.97	0.00	0.00	0.00	0.00	0.00	9.31	0.00	0.00	4.97
6	10.780	28.50	0.00	0.00	0.00	6.10	3.61	3.79	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	4.97



Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
37	10.18	10.16	0.00208	0.00	0.00088	0.26	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
38	10.16	10.14	0.00206	0.00	0.00087	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
39	10.14	10.12	0.00204	0.00	0.00086	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
40	10.12	10.10	0.00202	0.00	0.00085	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
41	10.10	10.08	0.00201	0.00	0.00085	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
42	10.08	10.06	0.00199	0.00	0.00084	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
43	10.06	10.04	0.00197	0.00	0.00083	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
44	10.04	10.02	0.00195	0.00	0.00082	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
45	10.02	10.00	0.00193	0.00	0.00081	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
46	10.00	9.98	0.00191	0.00	0.00081	0.29	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
TOT						2.75			473.80	2072.60					
AVG					0.00084		0.23	10.36			2.37				
CUM						8.95									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAT 1/da	CBOD SETT 1/da	ANBOD DECAT 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAT 1/da	ORGN SETT 1/da	NH3 DECAT 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAT 1/da	NCM DECAT 1/da	NCM SETT 1/da
37	10.160	7.76	3.59	0.22	0.12	0.00	1.67	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.18	0.06
38	10.140	7.76	3.59	0.22	0.12	0.00	1.67	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.18	0.06
39	10.120	7.76	3.59	0.22	0.12	0.00	1.67	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.18	0.06
40	10.100	7.76	3.59	0.22	0.12	0.00	1.67	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.00	0.18	0.06
41	10.080	7.76	3.59	0.22	0.12	0.00	1.67	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
42	10.060	7.76	3.59	0.22	0.12	0.00	1.67	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.18	0.06
43	10.040	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.00	0.00	0.18	0.06
44	10.020	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	0.18	0.06
45	10.000	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.97	0.00	0.00	0.18	0.06
46	9.980	7.76	3.59	0.22	0.12	0.00	1.67	1.73	1.73	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20	DEG C RATE			0.15		0.00	0.98			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			3.06	0.10					0.00		0.00	0.00	0.00	0.00			0.00		0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
37	10.160	28.50	0.00	0.00	0.00	5.91	0.79	0.90	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	4.59
38	10.140	28.50	0.00	0.00	0.00	5.81	0.75	0.87	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	4.32
39	10.120	28.50	0.00	0.00	0.00	5.78	0.71	0.84	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	4.06







\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
69	9.680	7.76	3.59	0.22	0.12	0.00	1.57	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
70	9.660	7.76	3.59	0.22	0.12	0.00	1.57	1.65	1.65	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
71	9.640	7.76	3.59	0.22	0.12	0.00	1.57	1.64	1.64	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
72	9.620	7.76	3.59	0.22	0.12	0.00	1.57	1.64	1.64	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
73	9.600	7.76	3.59	0.22	0.12	0.00	1.57	1.64	1.64	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
74	9.580	7.76	3.59	0.22	0.12	0.00	1.57	1.64	1.64	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
75	9.560	7.76	3.89	0.22	0.12	0.00	1.57	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
76	9.540	7.76	3.89	0.22	0.12	0.00	1.57	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
77	9.520	7.76	3.89	0.22	0.12	0.00	1.57	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
78	9.500	7.76	3.89	0.22	0.12	0.00	1.57	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
79	9.480	7.76	3.89	0.22	0.12	0.00	1.57	1.76	1.76	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
80	9.460	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
81	9.440	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
82	9.420	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
83	9.400	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
84	9.380	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
85	9.360	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
86	9.340	7.76	3.89	0.22	0.12	0.00	1.57	1.75	1.75	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
87	9.320	7.76	3.89	0.22	0.12	0.00	1.57	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
88	9.300	7.76	3.89	0.22	0.12	0.00	1.57	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
89	9.280	7.76	3.89	0.22	0.12	0.00	1.57	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
90	9.260	7.76	3.88	0.22	0.12	0.00	1.57	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
91	9.240	7.76	3.88	0.22	0.12	0.00	1.57	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
92	9.220	7.76	3.88	0.22	0.12	0.00	1.57	1.74	1.74	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20 DEG C RATE				0.15		0.00	0.92			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			3.25		0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
69	9.680	28.50	0.00	0.00	0.00	6.27	2.37	2.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.93
70	9.660	28.50	0.00	0.00	0.00	6.21	2.24	2.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.87
71	9.640	28.50	0.00	0.00	0.00	6.18	2.12	2.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.81
72	9.620	28.50	0.00	0.00	0.00	6.18	2.02	2.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.75
73	9.600	28.50	0.00	0.00	0.00	6.18	1.94	2.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.72
74	9.580	28.50	0.00	0.00	0.00	6.13	2.05	2.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.95
75	9.560	28.50	0.00	0.00	0.00	5.22	4.62	4.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.50



102	9.04	9.02	0.01623	89.32	0.00421	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
103	9.02	9.00	0.01621	89.32	0.00420	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
104	9.00	8.98	0.01619	89.32	0.00420	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
105	8.98	8.96	0.01617	89.32	0.00419	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
106	8.96	8.94	0.01615	89.32	0.00419	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
107	8.94	8.92	0.01613	89.32	0.00418	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
108	8.92	8.90	0.01611	89.32	0.00418	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
109	8.90	8.88	0.01609	89.32	0.00417	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
110	8.88	8.86	0.01607	89.32	0.00417	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
111	8.86	8.84	0.01605	89.32	0.00416	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
112	8.84	8.82	0.01603	89.32	0.00415	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
113	8.82	8.80	0.01601	89.32	0.00415	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
114	8.80	8.78	0.01599	89.32	0.00414	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
115	8.78	8.76	0.01597	89.32	0.00414	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
116	8.76	8.74	0.01595	89.32	0.00413	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
117	8.74	8.72	0.01593	89.32	0.00413	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
118	8.72	8.70	0.01591	89.32	0.00412	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
119	8.70	8.68	0.01589	89.32	0.00412	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
120	8.68	8.66	0.01587	89.32	0.00411	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
121	8.66	8.64	0.01585	89.32	0.00411	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
122	8.64	8.62	0.01583	89.32	0.00410	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
123	8.62	8.60	0.01581	89.32	0.00410	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
124	8.60	8.58	0.01579	89.32	0.00409	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
125	8.58	8.56	0.01577	89.32	0.00409	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
126	8.56	8.54	0.01575	89.32	0.00408	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
127	8.54	8.52	0.01573	89.32	0.00408	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
128	8.52	8.50	0.01571	89.32	0.00407	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
129	8.50	8.48	0.01569	89.32	0.00407	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
130	8.48	8.46	0.01567	89.32	0.00406	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
131	8.46	8.44	0.01565	89.32	0.00406	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
132	8.44	8.42	0.01563	89.32	0.00405	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
133	8.42	8.40	0.01561	89.32	0.00405	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
134	8.40	8.38	0.01559	89.32	0.00404	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
135	8.38	8.36	0.01557	89.32	0.00404	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
136	8.36	8.34	0.01555	89.32	0.00403	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
137	8.34	8.32	0.01553	89.32	0.00403	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
138	8.32	8.30	0.01551	89.32	0.00402	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
139	8.30	8.28	0.01549	89.32	0.00401	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
140	8.28	8.26	0.01547	89.32	0.00401	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
141	8.26	8.24	0.01545	89.32	0.00400	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
142	8.24	8.22	0.01543	89.32	0.00400	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
143	8.22	8.20	0.01541	89.32	0.00399	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
144	8.20	8.18	0.01539	89.32	0.00399	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
145	8.18	8.16	0.01537	89.32	0.00398	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
146	8.16	8.14	0.01535	89.32	0.00398	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
147	8.14	8.12	0.01533	89.32	0.00397	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
148	8.12	8.10	0.01531	89.32	0.00397	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
149	8.10	8.08	0.01529	89.32	0.00396	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
150	8.08	8.06	0.01527	89.32	0.00396	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
151	8.06	8.04	0.01525	89.32	0.00395	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
152	8.04	8.02	0.01523	89.32	0.00395	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

153	8.02	8.00	0.01521	89.32	0.00394	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
154	8.00	7.98	0.01519	89.32	0.00394	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
155	7.98	7.96	0.01517	89.32	0.00393	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
156	7.96	7.94	0.01515	89.32	0.00393	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
157	7.94	7.92	0.01513	89.32	0.00392	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
158	7.92	7.90	0.01511	89.32	0.00392	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
159	7.90	7.88	0.01509	89.32	0.00391	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
160	7.88	7.86	0.01507	89.32	0.00391	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
161	7.86	7.84	0.01505	89.32	0.00390	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
162	7.84	7.82	0.01503	89.32	0.00390	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
163	7.82	7.80	0.01501	89.32	0.00389	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
164	7.80	7.78	0.01499	89.32	0.00389	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
165	7.78	7.76	0.01497	89.32	0.00388	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
166	7.76	7.74	0.01495	89.32	0.00387	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
167	7.74	7.72	0.01493	89.32	0.00387	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
168	7.72	7.70	0.01491	89.32	0.00386	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
169	7.70	7.68	0.01489	89.32	0.00386	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
170	7.68	7.66	0.01487	89.32	0.00385	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
171	7.66	7.64	0.01485	89.32	0.00385	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
172	7.64	7.62	0.01483	89.32	0.00384	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
173	7.62	7.60	0.01481	89.32	0.00384	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
174	7.60	7.58	0.01479	89.32	0.00383	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
175	7.58	7.56	0.01477	89.32	0.00383	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
176	7.56	7.54	0.01475	89.32	0.00382	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
177	7.54	7.52	0.01473	89.32	0.00382	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
178	7.52	7.50	0.01471	89.32	0.00381	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
179	7.50	7.48	0.01469	89.32	0.00381	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
180	7.48	7.46	0.01467	89.32	0.00380	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
181	7.46	7.44	0.01465	89.32	0.00380	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
182	7.44	7.42	0.01463	89.32	0.00379	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
183	7.42	7.40	0.01461	89.32	0.00379	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
184	7.40	7.38	0.01459	89.32	0.00378	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
185	7.38	7.36	0.01457	89.32	0.00378	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
186	7.36	7.34	0.01455	89.32	0.00377	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
187	7.34	7.32	0.01453	89.32	0.00377	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
188	7.32	7.30	0.01451	89.32	0.00376	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
189	7.30	7.28	0.01449	89.32	0.00376	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
190	7.28	7.26	0.01447	89.32	0.00375	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
191	7.26	7.24	0.01445	89.32	0.00375	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
192	7.24	7.22	0.01443	89.32	0.00374	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
193	7.22	7.20	0.01441	89.32	0.00373	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
194	7.20	7.18	0.01439	89.32	0.00373	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
195	7.18	7.16	0.01437	89.32	0.00372	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
196	7.16	7.14	0.01435	89.32	0.00372	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
197	7.14	7.12	0.01433	89.32	0.00371	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
198	7.12	7.10	0.01431	89.32	0.00371	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
199	7.10	7.08	0.01429	89.32	0.00370	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
200	7.08	7.06	0.01427	89.32	0.00370	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
201	7.06	7.04	0.01425	89.32	0.00369	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
202	7.04	7.02	0.01423	89.32	0.00369	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
203	7.02	7.00	0.01421	89.32	0.00368	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004

204	7.00	6.98	0.01419	89.32	0.00368	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
205	6.98	6.96	0.01417	89.32	0.00367	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
206	6.96	6.94	0.01415	89.32	0.00367	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
207	6.94	6.92	0.01413	89.32	0.00366	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
208	6.92	6.90	0.01411	89.32	0.00366	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
209	6.90	6.88	0.01409	89.32	0.00365	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
210	6.88	6.86	0.01407	89.32	0.00365	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
211	6.86	6.84	0.01405	89.32	0.00364	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
212	6.84	6.82	0.01403	89.32	0.00364	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
213	6.82	6.80	0.01401	89.32	0.00363	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
214	6.80	6.78	0.01399	89.32	0.00363	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
215	6.78	6.76	0.01397	89.32	0.00362	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
216	6.76	6.74	0.01395	89.32	0.00362	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
217	6.74	6.72	0.01393	89.32	0.00361	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
218	6.72	6.70	0.01391	89.32	0.00361	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
219	6.70	6.68	0.01389	89.32	0.00360	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
220	6.68	6.66	0.01387	89.32	0.00360	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
221	6.66	6.64	0.01385	89.32	0.00359	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
222	6.64	6.62	0.01383	89.32	0.00358	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
223	6.62	6.60	0.01381	89.32	0.00358	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
224	6.60	6.58	0.01379	89.32	0.00357	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
225	6.58	6.56	0.01377	89.32	0.00357	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
226	6.56	6.54	0.01375	89.32	0.00356	0.06	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
227	6.54	6.52	0.01373	89.32	0.00356	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
228	6.52	6.50	0.01371	89.32	0.00355	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
229	6.50	6.48	0.01369	89.32	0.00355	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
230	6.48	6.46	0.01367	89.32	0.00354	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
231	6.46	6.44	0.01365	89.32	0.00354	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
232	6.44	6.42	0.01363	89.32	0.00353	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
233	6.42	6.40	0.01361	89.32	0.00353	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
234	6.40	6.38	0.01359	89.32	0.00352	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
235	6.38	6.36	0.01357	89.32	0.00352	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
236	6.36	6.34	0.01355	89.32	0.00351	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
237	6.34	6.32	0.01353	89.32	0.00351	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
238	6.32	6.30	0.01351	89.32	0.00350	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.004
239	6.30	6.28	0.01349	89.32	0.00350	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.003
240	6.28	6.26	0.01347	89.32	0.00349	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.003
241	6.26	6.24	0.01345	89.32	0.00349	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.003
242	6.24	6.22	0.01343	89.32	0.00348	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.003
243	6.22	6.20	0.01341	89.32	0.00348	0.07	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.003

TOT								9.08				11654.09	28536.03							
AVG					0.00385			0.41	9.45						3.86					
CUM								25.19												

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da







Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

20 DEG C RATE                    0.15                    0.00   0.60                    0.00                    0.00   0.00   0.00   0.00   0.00                    0.00   0.10  
 AVG 20 DEG C RATE            1.76                    0.10                    0.00                    0.00                    0.00                    0.05

\* g/sq m/d                    \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
93	9.200	28.50	0.00	0.00	0.00	5.89	3.91	4.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.87
94	9.180	28.50	0.00	0.00	0.00	5.95	3.88	4.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.84
95	9.160	28.50	0.00	0.00	0.00	6.00	3.84	4.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.81
96	9.140	28.50	0.00	0.00	0.00	6.05	3.80	4.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.78
97	9.120	28.50	0.00	0.00	0.00	6.10	3.77	3.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.75
98	9.100	28.50	0.00	0.00	0.00	6.14	3.73	3.93	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.72
99	9.080	28.50	0.00	0.00	0.00	6.18	3.70	3.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.69
100	9.060	28.50	0.00	0.00	0.00	6.21	3.66	3.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.66
101	9.040	28.50	0.00	0.00	0.00	6.24	3.63	3.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.64
102	9.020	28.50	0.00	0.00	0.00	6.27	3.60	3.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.61
103	9.000	28.50	0.00	0.00	0.00	6.30	3.56	3.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.58
104	8.980	28.50	0.00	0.00	0.00	6.33	3.53	3.73	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.55
105	8.960	28.50	0.00	0.00	0.00	6.35	3.50	3.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.53
106	8.940	28.50	0.00	0.00	0.00	6.37	3.47	3.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.50
107	8.920	28.50	0.00	0.00	0.00	6.39	3.44	3.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.47
108	8.900	28.50	0.00	0.00	0.00	6.41	3.41	3.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.45
109	8.880	28.50	0.00	0.00	0.00	6.43	3.38	3.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.42
110	8.860	28.50	0.00	0.00	0.00	6.45	3.35	3.55	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.40
111	8.840	28.50	0.00	0.00	0.00	6.47	3.33	3.53	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.37
112	8.820	28.50	0.00	0.00	0.00	6.48	3.30	3.50	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.35
113	8.800	28.50	0.00	0.00	0.00	6.50	3.27	3.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.32
114	8.780	28.50	0.00	0.00	0.00	6.51	3.24	3.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.30
115	8.760	28.50	0.00	0.00	0.00	6.52	3.22	3.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.27
116	8.740	28.50	0.00	0.00	0.00	6.54	3.19	3.39	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.25
117	8.720	28.50	0.00	0.00	0.00	6.55	3.17	3.37	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.23
118	8.700	28.50	0.00	0.00	0.00	6.56	3.14	3.34	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.20
119	8.680	28.50	0.00	0.00	0.00	6.57	3.12	3.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.18
120	8.660	28.50	0.00	0.00	0.00	6.58	3.09	3.29	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.16
121	8.640	28.50	0.00	0.00	0.00	6.59	3.07	3.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.14
122	8.620	28.50	0.00	0.00	0.00	6.60	3.05	3.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.11
123	8.600	28.50	0.00	0.00	0.00	6.61	3.02	3.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.09
124	8.580	28.50	0.00	0.00	0.00	6.62	3.00	3.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.07
125	8.560	28.50	0.00	0.00	0.00	6.63	2.98	3.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.05
126	8.540	28.50	0.00	0.00	0.00	6.63	2.96	3.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.03
127	8.520	28.50	0.00	0.00	0.00	6.64	2.94	3.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.01
128	8.500	28.50	0.00	0.00	0.00	6.65	2.92	3.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.99
129	8.480	28.50	0.00	0.00	0.00	6.66	2.90	3.10	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.97
130	8.460	28.50	0.00	0.00	0.00	6.67	2.88	3.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.95
131	8.440	28.50	0.00	0.00	0.00	6.67	2.86	3.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.93
132	8.420	28.50	0.00	0.00	0.00	6.68	2.84	3.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.91

133	8.400	28.50	0.00	0.00	0.00	6.69	2.82	3.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.89
134	8.380	28.50	0.00	0.00	0.00	6.69	2.80	3.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.87
135	8.360	28.50	0.00	0.00	0.00	6.70	2.78	2.98	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.85
136	8.340	28.50	0.00	0.00	0.00	6.71	2.76	2.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.83
137	8.320	28.50	0.00	0.00	0.00	6.71	2.75	2.95	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
138	8.300	28.50	0.00	0.00	0.00	6.72	2.73	2.93	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
139	8.280	28.50	0.00	0.00	0.00	6.72	2.71	2.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.78
140	8.260	28.50	0.00	0.00	0.00	6.73	2.70	2.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.76
141	8.240	28.50	0.00	0.00	0.00	6.74	2.68	2.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.74
142	8.220	28.50	0.00	0.00	0.00	6.74	2.66	2.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.73
143	8.200	28.50	0.00	0.00	0.00	6.75	2.65	2.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.71
144	8.180	28.50	0.00	0.00	0.00	6.75	2.63	2.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.69
145	8.160	28.50	0.00	0.00	0.00	6.76	2.62	2.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.68
146	8.140	28.50	0.00	0.00	0.00	6.76	2.60	2.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.66
147	8.120	28.50	0.00	0.00	0.00	6.77	2.59	2.79	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.64
148	8.100	28.50	0.00	0.00	0.00	6.77	2.57	2.77	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.63
149	8.080	28.50	0.00	0.00	0.00	6.78	2.56	2.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.61
150	8.060	28.50	0.00	0.00	0.00	6.78	2.55	2.75	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.60
151	8.040	28.50	0.00	0.00	0.00	6.79	2.53	2.73	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.58
152	8.020	28.50	0.00	0.00	0.00	6.79	2.52	2.72	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.57
153	8.000	28.50	0.00	0.00	0.00	6.80	2.51	2.71	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.55
154	7.980	28.50	0.00	0.00	0.00	6.80	2.49	2.69	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.54
155	7.960	28.50	0.00	0.00	0.00	6.81	2.48	2.68	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.52
156	7.940	28.50	0.00	0.00	0.00	6.81	2.47	2.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.51
157	7.920	28.50	0.00	0.00	0.00	6.81	2.46	2.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.49
158	7.900	28.50	0.00	0.00	0.00	6.82	2.44	2.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.48
159	7.880	28.50	0.00	0.00	0.00	6.82	2.43	2.63	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.46
160	7.860	28.50	0.00	0.00	0.00	6.83	2.42	2.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.45
161	7.840	28.50	0.00	0.00	0.00	6.83	2.41	2.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.44
162	7.820	28.50	0.00	0.00	0.00	6.83	2.40	2.60	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.42
163	7.800	28.50	0.00	0.00	0.00	6.84	2.39	2.59	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.41
164	7.780	28.50	0.00	0.00	0.00	6.84	2.38	2.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.40
165	7.760	28.50	0.00	0.00	0.00	6.85	2.37	2.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.38
166	7.740	28.50	0.00	0.00	0.00	6.85	2.36	2.56	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.37
167	7.720	28.50	0.00	0.00	0.00	6.85	2.35	2.55	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.36
168	7.700	28.50	0.00	0.00	0.00	6.86	2.34	2.54	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.35
169	7.680	28.50	0.00	0.00	0.00	6.86	2.33	2.53	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.33
170	7.660	28.50	0.00	0.00	0.00	6.86	2.32	2.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.32
171	7.640	28.50	0.00	0.00	0.00	6.87	2.31	2.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.31
172	7.620	28.50	0.00	0.00	0.00	6.87	2.30	2.50	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.30
173	7.600	28.50	0.00	0.00	0.00	6.87	2.29	2.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.29
174	7.580	28.50	0.00	0.00	0.00	6.88	2.28	2.48	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.28
175	7.560	28.50	0.00	0.00	0.00	6.88	2.27	2.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.26
176	7.540	28.50	0.00	0.00	0.00	6.88	2.26	2.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.25
177	7.520	28.50	0.00	0.00	0.00	6.88	2.25	2.45	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.24
178	7.500	28.50	0.00	0.00	0.00	6.89	2.25	2.45	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.23
179	7.480	28.50	0.00	0.00	0.00	6.89	2.24	2.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.22
180	7.460	28.50	0.00	0.00	0.00	6.89	2.23	2.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.21
181	7.440	28.50	0.00	0.00	0.00	6.90	2.22	2.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.20
182	7.420	28.50	0.00	0.00	0.00	6.90	2.22	2.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.19
183	7.400	28.50	0.00	0.00	0.00	6.90	2.21	2.41	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.18





261	5.86	5.84	0.01305	89.32	0.00331	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
262	5.84	5.82	0.01303	89.32	0.00330	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
263	5.82	5.80	0.01301	89.32	0.00330	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
264	5.80	5.78	0.01299	89.32	0.00329	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
265	5.78	5.76	0.01297	89.32	0.00329	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
266	5.76	5.74	0.01295	89.32	0.00328	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
267	5.74	5.72	0.01293	89.32	0.00328	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
268	5.72	5.70	0.01291	89.32	0.00327	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
269	5.70	5.68	0.01289	89.32	0.00327	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
270	5.68	5.66	0.01287	89.32	0.00326	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
271	5.66	5.64	0.01285	89.32	0.00326	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
272	5.64	5.62	0.01283	89.32	0.00325	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
273	5.62	5.60	0.01281	89.32	0.00325	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
274	5.60	5.58	0.01279	89.32	0.00324	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
275	5.58	5.56	0.01277	89.32	0.00324	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
276	5.56	5.54	0.01275	89.32	0.00323	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
277	5.54	5.52	0.01273	89.32	0.00323	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
278	5.52	5.50	0.01271	89.32	0.00322	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
279	5.50	5.48	0.01269	89.32	0.00322	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
280	5.48	5.46	0.01267	89.32	0.00321	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
281	5.46	5.44	0.01265	89.32	0.00321	0.07	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.003
TOT						2.67			2999.71	8339.48					
AVG					0.00330		0.36	10.97			3.95				
CUM						27.86									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
244	6.180	7.76	2.32	0.22	0.12	0.00	0.00	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
245	6.160	7.76	2.32	0.22	0.12	0.00	0.00	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
246	6.140	7.76	2.32	0.22	0.12	0.00	0.00	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
247	6.120	7.76	2.32	0.22	0.12	0.00	0.00	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
248	6.100	7.76	2.32	0.22	0.12	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
249	6.080	7.76	2.32	0.22	0.12	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
250	6.060	7.76	2.32	0.22	0.12	0.00	0.00	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
251	6.040	7.76	2.32	0.22	0.12	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
252	6.020	7.76	2.32	0.22	0.12	0.00	0.00	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
253	6.000	7.76	2.32	0.22	0.12	0.00	0.00	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
254	5.980	7.76	2.32	0.22	0.12	0.00	0.00	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
255	5.960	7.76	2.32	0.22	0.12	0.00	0.00	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
256	5.940	7.76	2.32	0.22	0.12	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
257	5.920	7.76	2.32	0.22	0.12	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
258	5.900	7.76	2.32	0.22	0.12	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
259	5.880	7.76	2.32	0.22	0.12	0.00	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
260	5.860	7.76	2.32	0.22	0.12	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
261	5.840	7.76	2.32	0.22	0.12	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06





Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

289	5.30	5.28	0.01249	89.32	0.00261	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
290	5.28	5.26	0.01247	89.32	0.00261	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
291	5.26	5.24	0.01245	89.32	0.00260	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
TOT						0.88			957.26	1950.80					
AVG					0.00262		0.49	9.75			4.79				
CUM						28.74									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAT	CBOD SETT	ANBOD DECAT	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAT	ORGN SETT	NH3 DECAT	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAT	NCM DECAT	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
282	5.420	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
283	5.400	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
284	5.380	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
285	5.360	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
286	5.340	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
287	5.320	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
288	5.300	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
289	5.280	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
290	5.260	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
291	5.240	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
20	DEG C RATE			0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			1.43	0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
282	5.420	28.50	0.00	0.00	0.00	7.81	4.07	4.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.65
283	5.400	28.50	0.00	0.00	0.00	7.81	4.05	4.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.67
284	5.380	28.50	0.00	0.00	0.00	7.81	4.04	4.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.68
285	5.360	28.50	0.00	0.00	0.00	7.80	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.70
286	5.340	28.50	0.00	0.00	0.00	7.80	4.01	4.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.71
287	5.320	28.50	0.00	0.00	0.00	7.80	3.99	4.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.73
288	5.300	28.50	0.00	0.00	0.00	7.80	3.98	4.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.74
289	5.280	28.50	0.00	0.00	0.00	7.80	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.76
290	5.260	28.50	0.00	0.00	0.00	7.79	3.95	4.15	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.77
291	5.240	28.50	0.00	0.00	0.00	7.79	3.94	4.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.79

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 10 W ELMWOOD DITCH TO ALM RR

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
328	UPR RCH	0.01245	28.50	0.00	0.00	0.00	7.79	3.94	4.14	0.00	0.00	0.00	0.00	10.00	0.00	2.79
328	TRIB	0.00028	28.50	0.00	0.00	0.00	7.75	3.83	4.03	0.00	0.00	0.00	0.00	10.00	0.00	3.29
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
328	5.24	5.22	0.01272	87.34	0.00266	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
329	5.22	5.20	0.01270	87.34	0.00265	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
330	5.20	5.18	0.01267	87.34	0.00265	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
331	5.18	5.16	0.01265	87.34	0.00264	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
332	5.16	5.14	0.01263	87.34	0.00264	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
333	5.14	5.12	0.01261	87.34	0.00264	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
334	5.12	5.10	0.01259	87.34	0.00263	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
335	5.10	5.08	0.01257	87.34	0.00263	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
336	5.08	5.06	0.01255	87.34	0.00262	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
337	5.06	5.04	0.01253	87.34	0.00262	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
338	5.04	5.02	0.01251	87.34	0.00261	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
339	5.02	5.00	0.01249	87.34	0.00261	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
340	5.00	4.98	0.01247	87.34	0.00261	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
341	4.98	4.96	0.01245	87.34	0.00260	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
342	4.96	4.94	0.01243	87.34	0.00260	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
343	4.94	4.92	0.01241	87.34	0.00259	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
344	4.92	4.90	0.01239	87.34	0.00259	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
345	4.90	4.88	0.01237	87.34	0.00258	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
346	4.88	4.86	0.01235	87.34	0.00258	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
347	4.86	4.84	0.01233	87.34	0.00258	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
348	4.84	4.82	0.01231	87.34	0.00257	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
349	4.82	4.80	0.01229	87.34	0.00257	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
350	4.80	4.78	0.01227	87.34	0.00256	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
351	4.78	4.76	0.01225	87.34	0.00256	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
352	4.76	4.74	0.01223	87.34	0.00255	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
353	4.74	4.72	0.01221	87.34	0.00255	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
354	4.72	4.70	0.01219	87.34	0.00255	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003
355	4.70	4.68	0.01217	87.34	0.00254	0.09	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.003

TOT		2.49		2680.32	5462.24	
AVG	0.00260		0.49	9.75		4.79
CUM		31.24				

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da
328	5.220	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
329	5.200	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
330	5.180	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
331	5.160	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
332	5.140	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
333	5.120	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
334	5.100	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
335	5.080	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
336	5.060	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
337	5.040	7.76	1.68	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
338	5.020	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
339	5.000	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
340	4.980	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
341	4.960	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
342	4.940	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
343	4.920	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
344	4.900	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
345	4.880	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
346	4.860	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
347	4.840	7.76	1.67	0.22	0.12	0.00	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
348	4.820	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
349	4.800	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
350	4.780	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
351	4.760	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
352	4.740	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
353	4.720	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
354	4.700	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06
355	4.680	7.76	1.67	0.22	0.12	0.00	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

20 DEG C RATE		0.15		0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.10	
AVG 20 DEG C RATE	1.43		0.10						0.00											0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
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328	5.220	28.50	0.00	0.00	0.00	7.79	3.94	4.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
329	5.200	28.50	0.00	0.00	0.00	7.79	3.95	4.15	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
330	5.180	28.50	0.00	0.00	0.00	7.79	3.95	4.15	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
331	5.160	28.50	0.00	0.00	0.00	7.79	3.96	4.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
332	5.140	28.50	0.00	0.00	0.00	7.79	3.96	4.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
333	5.120	28.50	0.00	0.00	0.00	7.79	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
334	5.100	28.50	0.00	0.00	0.00	7.78	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.81
335	5.080	28.50	0.00	0.00	0.00	7.78	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
336	5.060	28.50	0.00	0.00	0.00	7.78	3.98	4.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
337	5.040	28.50	0.00	0.00	0.00	7.78	3.98	4.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
338	5.020	28.50	0.00	0.00	0.00	7.78	3.99	4.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
339	5.000	28.50	0.00	0.00	0.00	7.78	3.99	4.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
340	4.980	28.50	0.00	0.00	0.00	7.78	3.99	4.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
341	4.960	28.50	0.00	0.00	0.00	7.78	4.00	4.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
342	4.940	28.50	0.00	0.00	0.00	7.78	4.00	4.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
343	4.920	28.50	0.00	0.00	0.00	7.78	4.00	4.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
344	4.900	28.50	0.00	0.00	0.00	7.78	4.01	4.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
345	4.880	28.50	0.00	0.00	0.00	7.78	4.01	4.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
346	4.860	28.50	0.00	0.00	0.00	7.78	4.01	4.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
347	4.840	28.50	0.00	0.00	0.00	7.77	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
348	4.820	28.50	0.00	0.00	0.00	7.77	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
349	4.800	28.50	0.00	0.00	0.00	7.77	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.79
350	4.780	28.50	0.00	0.00	0.00	7.77	4.02	4.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.79
351	4.760	28.50	0.00	0.00	0.00	7.77	4.03	4.23	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.79
352	4.740	28.50	0.00	0.00	0.00	7.77	4.03	4.23	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.79
353	4.720	28.50	0.00	0.00	0.00	7.77	4.03	4.23	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.79
354	4.700	28.50	0.00	0.00	0.00	7.77	4.04	4.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.80
355	4.680	28.50	0.00	0.00	0.00	7.76	4.07	4.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.82

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m  
 CM-II = SULFATES  
 MG/L  
 NCM = NBOD  
 MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN PROJECTION  
 REACH NO. 11 ALM RR TO NORTH MONROE DITCH

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
356	UPR RCH	0.01217	28.50	0.00	0.00	0.00	7.76	4.07	4.27	0.00	0.00	0.00	0.00	10.00	0.00	2.82
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST	ENDING DIST	FLOW	PCT EFF	ADVCTV VELO	TRAVEL TIME	DEPTH	WIDTH	VOLUME	SURFACE AREA	X-SECT AREA	TIDAL PRISM	TIDAL VELO	DISPRSN	MEAN VELO
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	km	km	cms	m/s	days	m	m	cu m	sq m	sq m	cu m	m/s	sq m/s	m/s	
356	4.68	4.66	0.01215	87.34	0.00363	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
357	4.66	4.64	0.01213	87.34	0.00363	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
358	4.64	4.62	0.01211	87.34	0.00362	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
359	4.62	4.60	0.01209	87.34	0.00361	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
360	4.60	4.58	0.01207	87.34	0.00361	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
361	4.58	4.56	0.01205	87.34	0.00360	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
362	4.56	4.54	0.01203	87.34	0.00360	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
363	4.54	4.52	0.01201	87.34	0.00359	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
364	4.52	4.50	0.01199	87.34	0.00359	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
365	4.50	4.48	0.01197	87.34	0.00358	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
366	4.48	4.46	0.01195	87.34	0.00357	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
367	4.46	4.44	0.01193	87.34	0.00357	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
368	4.44	4.42	0.01191	87.34	0.00356	0.06	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
369	4.42	4.40	0.01189	87.34	0.00356	0.07	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
370	4.40	4.38	0.01188	87.34	0.00355	0.07	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
371	4.38	4.36	0.01186	87.34	0.00355	0.07	0.27	12.19	66.89	243.84	3.34	0.00	0.000	0.077	0.004
TOT						1.03			1070.17	3901.44					
AVG					0.00359		0.27	12.19			3.34				
CUM						32.27									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da	
356	4.660	7.76	3.06	0.22	0.12	0.00	0.05	0.24	0.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
357	4.640	7.76	3.06	0.22	0.12	0.00	0.05	0.24	0.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
358	4.620	7.76	3.06	0.22	0.12	0.00	0.05	0.24	0.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
359	4.600	7.76	3.06	0.22	0.12	0.00	0.05	0.24	0.24	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
360	4.580	7.76	3.06	0.22	0.12	0.00	0.05	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
361	4.560	7.76	3.06	0.22	0.12	0.00	0.05	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
362	4.540	7.76	3.06	0.22	0.12	0.00	0.05	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
363	4.520	7.76	3.06	0.22	0.12	0.00	0.05	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
364	4.500	7.76	3.06	0.22	0.12	0.00	0.05	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
365	4.480	7.76	3.06	0.22	0.12	0.00	0.05	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
366	4.460	7.76	3.05	0.22	0.12	0.00	0.05	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
367	4.440	7.76	3.05	0.22	0.12	0.00	0.05	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
368	4.420	7.76	3.05	0.22	0.12	0.00	0.05	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
369	4.400	7.76	3.05	0.22	0.12	0.00	0.05	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
370	4.380	7.76	3.05	0.22	0.12	0.00	0.05	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
371	4.360	7.76	3.05	0.22	0.12	0.00	0.05	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
20	DEG C RATE			0.15		0.00	0.03			0.00		0.00	0.00	0.00	0.00			0.00	0.10		
AVG	20 DEG C RATE		2.61		0.10					0.00										0.05	

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
356	4.660	28.50	0.00	0.00	0.00	7.75	4.14	4.34	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.86
357	4.640	28.50	0.00	0.00	0.00	7.74	4.18	4.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.89
358	4.620	28.50	0.00	0.00	0.00	7.73	4.23	4.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.93
359	4.600	28.50	0.00	0.00	0.00	7.72	4.28	4.48	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.96
360	4.580	28.50	0.00	0.00	0.00	7.71	4.32	4.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	2.99
361	4.560	28.50	0.00	0.00	0.00	7.70	4.37	4.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.02
362	4.540	28.50	0.00	0.00	0.00	7.69	4.41	4.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.05
363	4.520	28.50	0.00	0.00	0.00	7.68	4.46	4.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.09
364	4.500	28.50	0.00	0.00	0.00	7.67	4.50	4.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.12
365	4.480	28.50	0.00	0.00	0.00	7.66	4.54	4.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.15
366	4.460	28.50	0.00	0.00	0.00	7.65	4.58	4.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.18
367	4.440	28.50	0.00	0.00	0.00	7.64	4.62	4.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.21
368	4.420	28.50	0.00	0.00	0.00	7.64	4.66	4.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.24
369	4.400	28.50	0.00	0.00	0.00	7.63	4.70	4.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.27
370	4.380	28.50	0.00	0.00	0.00	7.62	4.74	4.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.30
371	4.360	28.50	0.00	0.00	0.00	7.60	4.78	4.98	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.34

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 13 N MONROE DITCH TO HWY 165

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
432	UPR RCH	0.01186	28.50	0.00	0.00	0.00	7.60	4.78	4.98	0.00	0.00	0.00	0.00	10.00	0.00	3.34
432	TRIB	0.00028	28.50	0.00	0.00	0.00	7.70	3.74	3.94	0.00	0.00	0.00	0.00	10.00	0.00	3.44
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISFRSN sq m/s	MEAN VELO m/s
432	4.36	4.34	0.01212	85.30	0.00290	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
433	4.34	4.32	0.01210	85.30	0.00289	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

434	4.32	4.30	0.01208	85.30	0.00289	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
435	4.30	4.28	0.01206	85.30	0.00288	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
436	4.28	4.26	0.01204	85.30	0.00288	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
437	4.26	4.24	0.01202	85.30	0.00288	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
438	4.24	4.22	0.01200	85.30	0.00287	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
439	4.22	4.20	0.01198	85.30	0.00287	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
440	4.20	4.18	0.01196	85.30	0.00286	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
441	4.18	4.16	0.01194	85.30	0.00286	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
442	4.16	4.14	0.01192	85.30	0.00285	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
443	4.14	4.12	0.01190	85.30	0.00285	0.08	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.003
TOT							0.97		1003.28	3657.60					
AVG					0.00287			0.27	15.24					4.18	
CUM							33.23								

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
432	4.340	7.76	3.01	0.22	0.12	0.00	0.05	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.18	0.06
433	4.320	7.76	3.01	0.22	0.12	0.00	0.05	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.18	0.06
434	4.300	7.76	3.01	0.22	0.12	0.00	0.05	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.18	0.06
435	4.280	7.76	3.01	0.22	0.12	0.00	0.05	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.18	0.06
436	4.260	7.76	3.01	0.22	0.12	0.00	0.05	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.18	0.06
437	4.240	7.76	3.01	0.22	0.12	0.00	0.05	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
438	4.220	7.76	3.01	0.22	0.12	0.00	0.05	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.00	0.18	0.06
439	4.200	7.76	3.01	0.22	0.12	0.00	0.05	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.18	0.06
440	4.180	7.76	3.01	0.22	0.12	0.00	0.05	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.18	0.06
441	4.160	7.76	3.01	0.22	0.12	0.00	0.05	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.18	0.06
442	4.140	7.76	3.01	0.22	0.12	0.00	0.05	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.00	0.00	0.18	0.06
443	4.120	7.76	3.01	0.22	0.12	0.00	0.05	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	0.03			0.00		0.00	0.00	0.00	0.00				0.00	0.10	
AVG 20 DEG C RATE			2.57		0.10					0.00											0.05

\* g/sq m/d      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
432	4.340	28.50	0.00	0.00	0.00	7.59	4.81	5.00	0.00	0.00	0.00	0.00	0.00	9.58	0.00	0.00	3.38
433	4.320	28.50	0.00	0.00	0.00	7.57	4.85	5.04	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	3.42
434	4.300	28.50	0.00	0.00	0.00	7.54	4.90	5.07	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	3.45
435	4.280	28.50	0.00	0.00	0.00	7.52	4.94	5.11	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	3.49
436	4.260	28.50	0.00	0.00	0.00	7.49	4.98	5.14	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	3.52

437	4.240	28.50	0.00	0.00	0.00	7.46	5.02	5.17	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	3.55
438	4.220	28.50	0.00	0.00	0.00	7.43	5.06	5.20	0.00	0.00	0.00	0.00	0.00	7.08	0.00	0.00	3.58
439	4.200	28.50	0.00	0.00	0.00	7.40	5.10	5.23	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	3.61
440	4.180	28.50	0.00	0.00	0.00	7.37	5.13	5.25	0.00	0.00	0.00	0.00	0.00	6.25	0.00	0.00	3.64
441	4.160	28.50	0.00	0.00	0.00	7.34	5.16	5.27	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	3.66
442	4.140	28.50	0.00	0.00	0.00	7.31	5.18	5.29	0.00	0.00	0.00	0.00	0.00	5.42	0.00	0.00	3.68
443	4.120	28.50	0.00	0.00	0.00	7.27	5.19	5.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.69

\* CM-I = CHLORIDES  
 MG/L  
 \*\* g/cu m

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN PROJECTION  
 REACH NO. 14 HWY 165 TO NORTH GATE DITCH

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
444	UPR RCH	0.01190	28.50	0.00	0.00	0.00	7.27	5.19	5.29	0.00	0.00	0.00	0.00	5.00	0.00	3.69

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
444	4.12	4.10	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
445	4.10	4.08	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
446	4.08	4.06	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
447	4.06	4.04	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
448	4.04	4.02	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
449	4.02	4.00	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
450	4.00	3.98	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
451	3.98	3.96	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
452	3.96	3.94	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
453	3.94	3.92	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
454	3.92	3.90	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
455	3.90	3.88	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
456	3.88	3.86	0.01190	85.30	0.01656	0.01	0.15	4.65	14.38	93.04	0.72	0.00	0.000	0.077	0.017
TOT						0.18			186.88	1209.52					
AVG					0.01656		0.15	4.65			0.72				
CUM						33.42									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAT 1/da	CBOD SETT 1/da	ANBOD DECAT 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAT 1/da	ORGN SETT 1/da	NH3 DECAT 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAT 1/da	NCM DECAT 1/da	NCM SETT 1/da
444	4.100	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
445	4.080	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
446	4.060	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
447	4.040	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
448	4.020	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
449	4.000	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
450	3.980	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
451	3.960	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
452	3.940	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
453	3.920	7.76	6.83	0.22	0.12	0.00	1.71	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
454	3.900	7.76	6.83	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
455	3.880	7.76	6.83	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
456	3.860	7.76	6.83	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
20	DEG C RATE			0.15		0.00	1.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20	DEG C RATE		5.83		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
444	4.100	28.50	0.00	0.00	0.00	7.19	5.17	5.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.68
445	4.080	28.50	0.00	0.00	0.00	7.08	5.15	5.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.67
446	4.060	28.50	0.00	0.00	0.00	6.98	5.12	5.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.65
447	4.040	28.50	0.00	0.00	0.00	6.89	5.10	5.20	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.64
448	4.020	28.50	0.00	0.00	0.00	6.80	5.07	5.17	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.63
449	4.000	28.50	0.00	0.00	0.00	6.73	5.05	5.15	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.62
450	3.980	28.50	0.00	0.00	0.00	6.66	5.02	5.12	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.61
451	3.960	28.50	0.00	0.00	0.00	6.59	5.00	5.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.59
452	3.940	28.50	0.00	0.00	0.00	6.54	4.98	5.08	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.58
453	3.920	28.50	0.00	0.00	0.00	6.48	4.95	5.05	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.57
454	3.900	28.50	0.00	0.00	0.00	6.44	4.93	5.03	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.56
455	3.880	28.50	0.00	0.00	0.00	6.39	4.90	5.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.55
456	3.860	28.50	0.00	0.00	0.00	6.36	4.87	4.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.53

\* CM-I = CHLORIDES MG/L                      CM-II = SULFATES MG/L                      NCM = NBOD MG/L  
 \*\* g/cu m

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
517	UPR RCH	0.01190	28.50	0.00	0.00	0.00	6.36	4.87	4.97	0.00	0.00	0.00	0.00	5.00	0.00	3.53
517	TRIB	0.00028	28.50	0.00	0.00	0.00	7.30	3.54	3.64	0.00	0.00	0.00	0.00	5.00	0.00	3.50

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
517	3.86	3.84	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
518	3.84	3.82	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
519	3.82	3.80	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
520	3.80	3.78	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
521	3.78	3.76	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
522	3.76	3.74	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
523	3.74	3.72	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
524	3.72	3.70	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
525	3.70	3.68	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
526	3.68	3.66	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
527	3.66	3.64	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
528	3.64	3.62	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
529	3.62	3.60	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
530	3.60	3.58	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
531	3.58	3.56	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
532	3.56	3.54	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
533	3.54	3.52	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
534	3.52	3.50	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
535	3.50	3.48	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
536	3.48	3.46	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
537	3.46	3.44	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
538	3.44	3.42	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
539	3.42	3.40	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
540	3.40	3.38	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
541	3.38	3.36	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
542	3.36	3.34	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
543	3.34	3.32	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
544	3.32	3.30	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
545	3.30	3.28	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
546	3.28	3.26	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
547	3.26	3.24	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
548	3.24	3.22	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
549	3.22	3.20	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
550	3.20	3.18	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

551	3.18	3.16	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
552	3.16	3.14	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
553	3.14	3.12	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
554	3.12	3.10	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
555	3.10	3.08	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
556	3.08	3.06	0.01218	83.32	0.01691	0.01	0.15	4.66	14.41	93.13	0.72	0.00	0.000	0.078	0.017
TOT							0.55		576.25	3725.17					
AVG					0.01691		0.15	4.66			0.72				
CUM							33.96								

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da
517	3.840	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
518	3.820	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
519	3.800	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
520	3.780	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
521	3.760	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
522	3.740	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
523	3.720	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
524	3.700	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
525	3.680	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
526	3.660	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
527	3.640	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
528	3.620	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
529	3.600	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
530	3.580	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
531	3.560	7.76	6.86	0.22	0.12	0.00	1.71	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
532	3.540	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
533	3.520	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
534	3.500	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
535	3.480	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
536	3.460	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
537	3.440	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
538	3.420	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
539	3.400	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
540	3.380	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
541	3.360	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
542	3.340	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
543	3.320	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
544	3.300	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
545	3.280	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
546	3.260	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
547	3.240	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
548	3.220	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
549	3.200	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

550	3.180	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
551	3.160	7.76	6.86	0.22	0.12	0.00	1.71	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
552	3.140	7.76	6.86	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
553	3.120	7.76	6.86	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
554	3.100	7.76	6.86	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
555	3.080	7.76	6.86	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
556	3.060	7.76	6.86	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	1.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			5.85		0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
517	3.840	28.50	0.00	0.00	0.00	6.34	4.81	4.91	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.52
518	3.820	28.50	0.00	0.00	0.00	6.31	4.79	4.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.51
519	3.800	28.50	0.00	0.00	0.00	6.28	4.77	4.87	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.50
520	3.780	28.50	0.00	0.00	0.00	6.25	4.75	4.85	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.49
521	3.760	28.50	0.00	0.00	0.00	6.22	4.73	4.83	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.48
522	3.740	28.50	0.00	0.00	0.00	6.20	4.70	4.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.46
523	3.720	28.50	0.00	0.00	0.00	6.18	4.68	4.78	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.45
524	3.700	28.50	0.00	0.00	0.00	6.16	4.66	4.76	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.44
525	3.680	28.50	0.00	0.00	0.00	6.14	4.64	4.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.43
526	3.660	28.50	0.00	0.00	0.00	6.13	4.62	4.72	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.42
527	3.640	28.50	0.00	0.00	0.00	6.11	4.59	4.69	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.41
528	3.620	28.50	0.00	0.00	0.00	6.10	4.57	4.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.40
529	3.600	28.50	0.00	0.00	0.00	6.09	4.55	4.65	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.39
530	3.580	28.50	0.00	0.00	0.00	6.07	4.53	4.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.38
531	3.560	28.50	0.00	0.00	0.00	6.06	4.51	4.61	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.36
532	3.540	28.50	0.00	0.00	0.00	6.06	4.49	4.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.35
533	3.520	28.50	0.00	0.00	0.00	6.05	4.47	4.57	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.34
534	3.500	28.50	0.00	0.00	0.00	6.04	4.45	4.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.33
535	3.480	28.50	0.00	0.00	0.00	6.03	4.42	4.52	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.32
536	3.460	28.50	0.00	0.00	0.00	6.03	4.40	4.50	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.31
537	3.440	28.50	0.00	0.00	0.00	6.02	4.38	4.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.30
538	3.420	28.50	0.00	0.00	0.00	6.02	4.36	4.46	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.29
539	3.400	28.50	0.00	0.00	0.00	6.01	4.34	4.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.28
540	3.380	28.50	0.00	0.00	0.00	6.01	4.32	4.42	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.27
541	3.360	28.50	0.00	0.00	0.00	6.01	4.30	4.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.26
542	3.340	28.50	0.00	0.00	0.00	6.00	4.28	4.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.25
543	3.320	28.50	0.00	0.00	0.00	6.00	4.26	4.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.24
544	3.300	28.50	0.00	0.00	0.00	6.00	4.24	4.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.22
545	3.280	28.50	0.00	0.00	0.00	6.00	4.22	4.32	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.21
546	3.260	28.50	0.00	0.00	0.00	6.00	4.20	4.30	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.20
547	3.240	28.50	0.00	0.00	0.00	5.99	4.18	4.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.19
548	3.220	28.50	0.00	0.00	0.00	5.99	4.16	4.26	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.18



644	2.72	2.70	0.01305	77.76	0.01800	0.01	0.16	4.67	14.50	93.41	0.73	0.00	0.000	0.075	0.018
645	2.70	2.68	0.01309	77.56	0.01804	0.01	0.16	4.67	14.51	93.42	0.73	0.00	0.000	0.075	0.018
646	2.68	2.66	0.01312	77.37	0.01808	0.01	0.16	4.67	14.51	93.43	0.73	0.00	0.000	0.075	0.018
647	2.66	2.64	0.01315	77.18	0.01812	0.01	0.16	4.67	14.52	93.44	0.73	0.00	0.000	0.075	0.018
648	2.64	2.62	0.01318	76.99	0.01816	0.01	0.16	4.67	14.52	93.45	0.73	0.00	0.000	0.075	0.018
649	2.62	2.60	0.01322	76.80	0.01820	0.01	0.16	4.67	14.52	93.46	0.73	0.00	0.000	0.075	0.018
650	2.60	2.58	0.01325	76.61	0.01824	0.01	0.16	4.67	14.53	93.47	0.73	0.00	0.000	0.075	0.018
651	2.58	2.56	0.01328	76.42	0.01828	0.01	0.16	4.67	14.53	93.48	0.73	0.00	0.000	0.075	0.018
652	2.56	2.54	0.01331	76.23	0.01832	0.01	0.16	4.67	14.54	93.49	0.73	0.00	0.000	0.075	0.018
653	2.54	2.52	0.01335	76.05	0.01836	0.01	0.16	4.68	14.54	93.50	0.73	0.00	0.000	0.075	0.018
654	2.52	2.50	0.01338	75.86	0.01840	0.01	0.16	4.68	14.54	93.51	0.73	0.00	0.000	0.075	0.018
655	2.50	2.48	0.01341	75.67	0.01844	0.01	0.16	4.68	14.55	93.52	0.73	0.00	0.000	0.075	0.018
656	2.48	2.46	0.01345	75.49	0.01848	0.01	0.16	4.68	14.55	93.53	0.73	0.00	0.000	0.075	0.018
657	2.46	2.44	0.01348	75.31	0.01852	0.01	0.16	4.68	14.55	93.54	0.73	0.00	0.000	0.075	0.019
658	2.44	2.42	0.01351	75.13	0.01856	0.01	0.16	4.68	14.56	93.55	0.73	0.00	0.000	0.075	0.019
659	2.42	2.40	0.01354	74.94	0.01860	0.01	0.16	4.68	14.56	93.56	0.73	0.00	0.000	0.075	0.019
660	2.40	2.38	0.01358	74.76	0.01864	0.01	0.16	4.68	14.57	93.57	0.73	0.00	0.000	0.075	0.019
661	2.38	2.36	0.01361	74.58	0.01868	0.01	0.16	4.68	14.57	93.58	0.73	0.00	0.000	0.075	0.019
662	2.36	2.34	0.01364	74.41	0.01872	0.01	0.16	4.68	14.57	93.59	0.73	0.00	0.000	0.075	0.019
663	2.34	2.32	0.01367	74.23	0.01876	0.01	0.16	4.68	14.58	93.61	0.73	0.00	0.000	0.075	0.019
664	2.32	2.30	0.01371	74.05	0.01880	0.01	0.16	4.68	14.58	93.62	0.73	0.00	0.000	0.075	0.019
665	2.30	2.28	0.01374	73.87	0.01884	0.01	0.16	4.68	14.58	93.63	0.73	0.00	0.000	0.075	0.019
666	2.28	2.26	0.01377	73.70	0.01888	0.01	0.16	4.68	14.59	93.64	0.73	0.00	0.000	0.075	0.019
667	2.26	2.24	0.01380	73.53	0.01892	0.01	0.16	4.68	14.59	93.65	0.73	0.00	0.000	0.075	0.019
668	2.24	2.22	0.01384	73.35	0.01896	0.01	0.16	4.68	14.60	93.66	0.73	0.00	0.000	0.075	0.019
669	2.22	2.20	0.01387	73.18	0.01900	0.01	0.16	4.68	14.60	93.67	0.73	0.00	0.000	0.075	0.019
670	2.20	2.18	0.01390	73.01	0.01904	0.01	0.16	4.68	14.60	93.68	0.73	0.00	0.000	0.075	0.019
671	2.18	2.16	0.01394	72.84	0.01908	0.01	0.16	4.68	14.61	93.69	0.73	0.00	0.000	0.075	0.019
672	2.16	2.14	0.01397	72.66	0.01912	0.01	0.16	4.69	14.61	93.70	0.73	0.00	0.000	0.075	0.019
673	2.14	2.12	0.01400	72.50	0.01916	0.01	0.16	4.69	14.62	93.71	0.73	0.00	0.000	0.075	0.019
674	2.12	2.10	0.01403	72.33	0.01920	0.01	0.16	4.69	14.62	93.72	0.73	0.00	0.000	0.075	0.019
675	2.10	2.08	0.01407	72.16	0.01924	0.01	0.16	4.69	14.62	93.73	0.73	0.00	0.000	0.075	0.019
676	2.08	2.06	0.01410	71.99	0.01928	0.01	0.16	4.69	14.63	93.74	0.73	0.00	0.000	0.075	0.019
677	2.06	2.04	0.01413	71.82	0.01932	0.01	0.16	4.69	14.63	93.75	0.73	0.00	0.000	0.075	0.019
678	2.04	2.02	0.01416	71.66	0.01936	0.01	0.16	4.69	14.64	93.76	0.73	0.00	0.000	0.075	0.019
679	2.02	2.00	0.01420	71.49	0.01940	0.01	0.16	4.69	14.64	93.78	0.73	0.00	0.000	0.075	0.019
680	2.00	1.98	0.01423	71.33	0.01943	0.01	0.16	4.69	14.64	93.79	0.73	0.00	0.000	0.075	0.019
681	1.98	1.96	0.01426	71.17	0.01947	0.01	0.16	4.69	14.65	93.80	0.73	0.00	0.000	0.075	0.019
682	1.96	1.94	0.01430	71.00	0.01951	0.01	0.16	4.69	14.65	93.81	0.73	0.00	0.000	0.075	0.020
683	1.94	1.92	0.01433	70.84	0.01955	0.01	0.16	4.69	14.66	93.82	0.73	0.00	0.000	0.075	0.020
684	1.92	1.90	0.01436	70.68	0.01959	0.01	0.16	4.69	14.66	93.83	0.73	0.00	0.000	0.075	0.020
685	1.90	1.88	0.01439	70.52	0.01963	0.01	0.16	4.69	14.66	93.84	0.73	0.00	0.000	0.075	0.020
686	1.88	1.86	0.01443	70.36	0.01967	0.01	0.16	4.69	14.67	93.85	0.73	0.00	0.000	0.075	0.020
687	1.86	1.84	0.01446	70.20	0.01971	0.01	0.16	4.69	14.67	93.86	0.73	0.00	0.000	0.075	0.020
688	1.84	1.82	0.01449	70.04	0.01975	0.01	0.16	4.69	14.68	93.87	0.73	0.00	0.000	0.075	0.020
689	1.82	1.80	0.01452	69.89	0.01979	0.01	0.16	4.69	14.68	93.88	0.73	0.00	0.000	0.075	0.020
690	1.80	1.78	0.01456	69.73	0.01983	0.01	0.16	4.69	14.68	93.89	0.73	0.00	0.000	0.075	0.020
691	1.78	1.76	0.01459	69.57	0.01987	0.01	0.16	4.70	14.69	93.90	0.73	0.00	0.000	0.075	0.020
692	1.76	1.74	0.01462	69.42	0.01991	0.01	0.16	4.70	14.69	93.91	0.73	0.00	0.000	0.075	0.020
693	1.74	1.72	0.01465	69.26	0.01994	0.01	0.16	4.70	14.70	93.92	0.73	0.00	0.000	0.075	0.020
694	1.72	1.70	0.01469	69.11	0.01998	0.01	0.16	4.70	14.70	93.94	0.73	0.00	0.000	0.075	0.020

695	1.70	1.68	0.01472	68.95	0.02002	0.01	0.16	4.70	14.70	93.95	0.74	0.00	0.000	0.075	0.020
696	1.68	1.66	0.01475	68.80	0.02006	0.01	0.16	4.70	14.71	93.96	0.74	0.00	0.000	0.075	0.020
697	1.66	1.64	0.01479	68.65	0.02010	0.01	0.16	4.70	14.71	93.97	0.74	0.00	0.000	0.075	0.020
698	1.64	1.62	0.01482	68.50	0.02014	0.01	0.16	4.70	14.72	93.98	0.74	0.00	0.000	0.075	0.020
699	1.62	1.60	0.01485	68.35	0.02018	0.01	0.16	4.70	14.72	93.99	0.74	0.00	0.000	0.075	0.020
700	1.60	1.58	0.01488	68.20	0.02022	0.01	0.16	4.70	14.72	94.00	0.74	0.00	0.000	0.075	0.020
701	1.58	1.56	0.01492	68.05	0.02026	0.01	0.16	4.70	14.73	94.01	0.74	0.00	0.000	0.075	0.020
702	1.56	1.54	0.01495	67.90	0.02029	0.01	0.16	4.70	14.73	94.02	0.74	0.00	0.000	0.075	0.020
703	1.54	1.52	0.01498	67.75	0.02033	0.01	0.16	4.70	14.74	94.03	0.74	0.00	0.000	0.075	0.020
704	1.52	1.50	0.01501	67.60	0.02037	0.01	0.16	4.70	14.74	94.04	0.74	0.00	0.000	0.075	0.020
705	1.50	1.48	0.01505	67.46	0.02041	0.01	0.16	4.70	14.74	94.05	0.74	0.00	0.000	0.075	0.020
706	1.48	1.46	0.01508	67.31	0.02045	0.01	0.16	4.70	14.75	94.06	0.74	0.00	0.000	0.075	0.020
707	1.46	1.44	0.01511	67.17	0.02049	0.01	0.16	4.70	14.75	94.08	0.74	0.00	0.000	0.075	0.020
708	1.44	1.42	0.01514	67.02	0.02053	0.01	0.16	4.70	14.76	94.09	0.74	0.00	0.000	0.075	0.021
709	1.42	1.40	0.01518	66.88	0.02056	0.01	0.16	4.70	14.76	94.10	0.74	0.00	0.000	0.075	0.021
710	1.40	1.38	0.01521	66.73	0.02060	0.01	0.16	4.71	14.76	94.11	0.74	0.00	0.000	0.075	0.021
711	1.38	1.36	0.01524	66.59	0.02064	0.01	0.16	4.71	14.77	94.12	0.74	0.00	0.000	0.075	0.021
712	1.36	1.34	0.01528	66.45	0.02068	0.01	0.16	4.71	14.77	94.13	0.74	0.00	0.000	0.075	0.021
713	1.34	1.32	0.01531	66.30	0.02072	0.01	0.16	4.71	14.78	94.14	0.74	0.00	0.000	0.075	0.021
714	1.32	1.30	0.01534	66.16	0.02076	0.01	0.16	4.71	14.78	94.15	0.74	0.00	0.000	0.075	0.021
715	1.30	1.28	0.01537	66.02	0.02080	0.01	0.16	4.71	14.79	94.16	0.74	0.00	0.000	0.075	0.021
716	1.28	1.26	0.01541	65.88	0.02083	0.01	0.16	4.71	14.79	94.17	0.74	0.00	0.000	0.075	0.021
717	1.26	1.24	0.01544	65.74	0.02087	0.01	0.16	4.71	14.79	94.18	0.74	0.00	0.000	0.075	0.021
718	1.24	1.22	0.01547	65.60	0.02091	0.01	0.16	4.71	14.80	94.19	0.74	0.00	0.000	0.075	0.021
719	1.22	1.20	0.01550	65.47	0.02095	0.01	0.16	4.71	14.80	94.21	0.74	0.00	0.000	0.075	0.021
720	1.20	1.18	0.01554	65.33	0.02099	0.01	0.16	4.71	14.81	94.22	0.74	0.00	0.000	0.075	0.021
721	1.18	1.16	0.01557	65.19	0.02103	0.01	0.16	4.71	14.81	94.23	0.74	0.00	0.000	0.075	0.021
722	1.16	1.14	0.01560	65.05	0.02106	0.01	0.16	4.71	14.81	94.24	0.74	0.00	0.000	0.075	0.021
723	1.14	1.12	0.01563	64.92	0.02110	0.01	0.16	4.71	14.82	94.25	0.74	0.00	0.000	0.075	0.021
724	1.12	1.10	0.01567	64.78	0.02114	0.01	0.16	4.71	14.82	94.26	0.74	0.00	0.000	0.075	0.021
725	1.10	1.08	0.01570	64.65	0.02118	0.01	0.16	4.71	14.83	94.27	0.74	0.00	0.000	0.075	0.021
726	1.08	1.06	0.01573	64.51	0.02122	0.01	0.16	4.71	14.83	94.28	0.74	0.00	0.000	0.075	0.021
727	1.06	1.04	0.01577	64.38	0.02125	0.01	0.16	4.71	14.84	94.29	0.74	0.00	0.000	0.075	0.021
728	1.04	1.02	0.01580	64.25	0.02129	0.01	0.16	4.72	14.84	94.30	0.74	0.00	0.000	0.075	0.021
729	1.02	1.00	0.01583	64.11	0.02133	0.01	0.16	4.72	14.84	94.31	0.74	0.00	0.000	0.075	0.021
730	1.00	0.98	0.01586	63.98	0.02137	0.01	0.16	4.72	14.85	94.33	0.74	0.00	0.000	0.075	0.021
731	0.98	0.96	0.01590	63.85	0.02141	0.01	0.16	4.72	14.85	94.34	0.74	0.00	0.000	0.075	0.021
732	0.96	0.94	0.01593	63.72	0.02144	0.01	0.16	4.72	14.86	94.35	0.74	0.00	0.000	0.075	0.021
733	0.94	0.92	0.01596	63.59	0.02148	0.01	0.16	4.72	14.86	94.36	0.74	0.00	0.000	0.075	0.021
734	0.92	0.90	0.01599	63.46	0.02152	0.01	0.16	4.72	14.86	94.37	0.74	0.00	0.000	0.075	0.022
735	0.90	0.88	0.01603	63.33	0.02156	0.01	0.16	4.72	14.87	94.38	0.74	0.00	0.000	0.075	0.022
736	0.88	0.86	0.01606	63.20	0.02160	0.01	0.16	4.72	14.87	94.39	0.74	0.00	0.000	0.075	0.022
737	0.86	0.84	0.01609	63.07	0.02163	0.01	0.16	4.72	14.88	94.40	0.74	0.00	0.000	0.075	0.022
738	0.84	0.82	0.01613	62.95	0.02167	0.01	0.16	4.72	14.88	94.41	0.74	0.00	0.000	0.075	0.022
739	0.82	0.80	0.01616	62.82	0.02171	0.01	0.16	4.72	14.89	94.42	0.74	0.00	0.000	0.075	0.022
740	0.80	0.78	0.01619	62.69	0.02175	0.01	0.16	4.72	14.89	94.44	0.74	0.00	0.000	0.075	0.022
741	0.78	0.76	0.01622	62.56	0.02178	0.01	0.16	4.72	14.89	94.45	0.74	0.00	0.000	0.075	0.022
742	0.76	0.74	0.01626	62.44	0.02182	0.01	0.16	4.72	14.90	94.46	0.74	0.00	0.000	0.075	0.022
743	0.74	0.72	0.01629	62.31	0.02186	0.01	0.16	4.72	14.90	94.47	0.75	0.00	0.000	0.075	0.022
744	0.72	0.70	0.01632	62.19	0.02190	0.01	0.16	4.72	14.91	94.48	0.75	0.00	0.000	0.075	0.022
745	0.70	0.68	0.01635	62.06	0.02193	0.01	0.16	4.72	14.91	94.49	0.75	0.00	0.000	0.075	0.022

746	0.68	0.66	0.01639	61.94	0.02197	0.01	0.16	4.73	14.92	94.50	0.75	0.00	0.000	0.075	0.022
747	0.66	0.64	0.01642	61.82	0.02201	0.01	0.16	4.73	14.92	94.51	0.75	0.00	0.000	0.075	0.022
748	0.64	0.62	0.01645	61.70	0.02205	0.01	0.16	4.73	14.92	94.52	0.75	0.00	0.000	0.075	0.022
749	0.62	0.60	0.01648	61.57	0.02208	0.01	0.16	4.73	14.93	94.53	0.75	0.00	0.000	0.075	0.022
750	0.60	0.58	0.01652	61.45	0.02212	0.01	0.16	4.73	14.93	94.55	0.75	0.00	0.000	0.075	0.022
751	0.58	0.56	0.01655	61.33	0.02216	0.01	0.16	4.73	14.94	94.56	0.75	0.00	0.000	0.075	0.022
752	0.56	0.54	0.01658	61.21	0.02220	0.01	0.16	4.73	14.94	94.57	0.75	0.00	0.000	0.075	0.022
753	0.54	0.52	0.01662	61.09	0.02223	0.01	0.16	4.73	14.95	94.58	0.75	0.00	0.000	0.075	0.022
754	0.52	0.50	0.01665	60.97	0.02227	0.01	0.16	4.73	14.95	94.59	0.75	0.00	0.000	0.075	0.022
755	0.50	0.48	0.01668	60.85	0.02231	0.01	0.16	4.73	14.96	94.60	0.75	0.00	0.000	0.075	0.022
756	0.48	0.46	0.01671	60.73	0.02235	0.01	0.16	4.73	14.96	94.61	0.75	0.00	0.000	0.075	0.022
757	0.46	0.44	0.01675	60.61	0.02238	0.01	0.16	4.73	14.96	94.62	0.75	0.00	0.000	0.075	0.022
758	0.44	0.42	0.01678	60.49	0.02242	0.01	0.16	4.73	14.97	94.63	0.75	0.00	0.000	0.075	0.022
759	0.42	0.40	0.01681	60.38	0.02246	0.01	0.16	4.73	14.97	94.64	0.75	0.00	0.000	0.075	0.022
760	0.40	0.38	0.01684	60.26	0.02249	0.01	0.16	4.73	14.98	94.66	0.75	0.00	0.000	0.075	0.022
761	0.38	0.36	0.01688	60.14	0.02253	0.01	0.16	4.73	14.98	94.67	0.75	0.00	0.000	0.075	0.023
762	0.36	0.34	0.01691	60.03	0.02257	0.01	0.16	4.73	14.99	94.68	0.75	0.00	0.000	0.075	0.023
763	0.34	0.32	0.01694	59.91	0.02260	0.01	0.16	4.73	14.99	94.69	0.75	0.00	0.000	0.075	0.023
764	0.32	0.30	0.01697	59.79	0.02264	0.01	0.16	4.73	14.99	94.70	0.75	0.00	0.000	0.075	0.023
765	0.30	0.28	0.01701	59.68	0.02268	0.01	0.16	4.74	15.00	94.71	0.75	0.00	0.000	0.075	0.023
766	0.28	0.26	0.01704	59.57	0.02272	0.01	0.16	4.74	15.00	94.72	0.75	0.00	0.000	0.075	0.023
767	0.26	0.24	0.01707	59.45	0.02275	0.01	0.16	4.74	15.01	94.73	0.75	0.00	0.000	0.075	0.023
768	0.24	0.22	0.01711	59.34	0.02279	0.01	0.16	4.74	15.01	94.74	0.75	0.00	0.000	0.075	0.023
769	0.22	0.20	0.01714	59.22	0.02283	0.01	0.16	4.74	15.02	94.76	0.75	0.00	0.000	0.075	0.023
770	0.20	0.18	0.01717	59.11	0.02286	0.01	0.16	4.74	15.02	94.77	0.75	0.00	0.000	0.075	0.023
771	0.18	0.16	0.01720	59.00	0.02290	0.01	0.16	4.74	15.03	94.78	0.75	0.00	0.000	0.075	0.023
772	0.16	0.14	0.01724	58.89	0.02294	0.01	0.16	4.74	15.03	94.79	0.75	0.00	0.000	0.075	0.023
773	0.14	0.12	0.01727	58.78	0.02297	0.01	0.16	4.74	15.03	94.80	0.75	0.00	0.000	0.075	0.023
774	0.12	0.10	0.01730	58.67	0.02301	0.01	0.16	4.74	15.04	94.81	0.75	0.00	0.000	0.075	0.023
775	0.10	0.08	0.01733	58.55	0.02305	0.01	0.16	4.74	15.04	94.82	0.75	0.00	0.000	0.075	0.023
776	0.08	0.06	0.01737	58.44	0.02308	0.01	0.16	4.74	15.05	94.83	0.75	0.00	0.000	0.075	0.023
777	0.06	0.04	0.01740	58.33	0.02312	0.01	0.16	4.74	15.05	94.84	0.75	0.00	0.000	0.075	0.023
778	0.04	0.02	0.01743	58.23	0.02316	0.01	0.16	4.74	15.06	94.86	0.75	0.00	0.000	0.075	0.023
779	0.02	0.00	0.01747	58.12	0.02319	0.01	0.16	4.74	15.06	94.87	0.75	0.00	0.000	0.075	0.023

TOT						1.76			2255.40	14387.77					
AVG					0.02016		0.16	4.70			0.74				
CUM						35.72									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
627	3.040	7.76	6.89	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
628	3.020	7.76	6.90	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
629	3.000	7.76	6.90	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
630	2.980	7.76	6.90	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
631	2.960	7.76	6.91	0.22	0.12	0.00	1.71	1.81	1.81	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06







\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
627	3.040	28.50	0.00	0.00	0.00	6.02	3.96	4.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.09
628	3.020	28.50	0.00	0.00	0.00	6.01	3.93	4.03	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.08
629	3.000	28.50	0.00	0.00	0.00	6.00	3.91	4.01	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.07
630	2.980	28.50	0.00	0.00	0.00	6.00	3.89	3.99	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.05
631	2.960	28.50	0.00	0.00	0.00	5.99	3.87	3.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.04
632	2.940	28.50	0.00	0.00	0.00	5.99	3.84	3.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.03
633	2.920	28.50	0.00	0.00	0.00	5.98	3.82	3.92	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.02
634	2.900	28.50	0.00	0.00	0.00	5.98	3.80	3.90	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.01
635	2.880	28.50	0.00	0.00	0.00	5.98	3.78	3.88	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.99
636	2.860	28.50	0.00	0.00	0.00	5.97	3.76	3.86	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.98
637	2.840	28.50	0.00	0.00	0.00	5.97	3.74	3.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.97
638	2.820	28.50	0.00	0.00	0.00	5.97	3.71	3.81	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.96
639	2.800	28.50	0.00	0.00	0.00	5.97	3.69	3.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.95
640	2.780	28.50	0.00	0.00	0.00	5.97	3.67	3.77	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.94
641	2.760	28.50	0.00	0.00	0.00	5.97	3.65	3.75	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.92
642	2.740	28.50	0.00	0.00	0.00	5.97	3.63	3.73	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.91
643	2.720	28.50	0.00	0.00	0.00	5.97	3.61	3.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.90
644	2.700	28.50	0.00	0.00	0.00	5.97	3.59	3.69	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.89
645	2.680	28.50	0.00	0.00	0.00	5.97	3.57	3.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.88
646	2.660	28.50	0.00	0.00	0.00	5.97	3.55	3.65	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.87
647	2.640	28.50	0.00	0.00	0.00	5.97	3.53	3.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.86
648	2.620	28.50	0.00	0.00	0.00	5.97	3.51	3.61	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.85
649	2.600	28.50	0.00	0.00	0.00	5.97	3.50	3.60	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.84
650	2.580	28.50	0.00	0.00	0.00	5.97	3.48	3.58	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.83
651	2.560	28.50	0.00	0.00	0.00	5.97	3.46	3.56	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.81
652	2.540	28.50	0.00	0.00	0.00	5.97	3.44	3.54	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.80
653	2.520	28.50	0.00	0.00	0.00	5.97	3.42	3.52	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.79
654	2.500	28.50	0.00	0.00	0.00	5.97	3.40	3.50	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.78
655	2.480	28.50	0.00	0.00	0.00	5.98	3.38	3.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.77
656	2.460	28.50	0.00	0.00	0.00	5.98	3.37	3.47	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.76
657	2.440	28.50	0.00	0.00	0.00	5.98	3.35	3.45	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.75
658	2.420	28.50	0.00	0.00	0.00	5.98	3.33	3.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.74
659	2.400	28.50	0.00	0.00	0.00	5.98	3.31	3.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.73
660	2.380	28.50	0.00	0.00	0.00	5.98	3.30	3.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.72
661	2.360	28.50	0.00	0.00	0.00	5.99	3.28	3.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.71
662	2.340	28.50	0.00	0.00	0.00	5.99	3.26	3.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.70
663	2.320	28.50	0.00	0.00	0.00	5.99	3.25	3.35	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.69
664	2.300	28.50	0.00	0.00	0.00	5.99	3.23	3.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.69
665	2.280	28.50	0.00	0.00	0.00	5.99	3.21	3.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.68
666	2.260	28.50	0.00	0.00	0.00	5.99	3.20	3.30	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.67
667	2.240	28.50	0.00	0.00	0.00	6.00	3.18	3.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.66
668	2.220	28.50	0.00	0.00	0.00	6.00	3.16	3.26	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.65
669	2.200	28.50	0.00	0.00	0.00	6.00	3.15	3.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.64
670	2.180	28.50	0.00	0.00	0.00	6.00	3.13	3.23	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.63

671	2.160	28.50	0.00	0.00	0.00	6.00	3.12	3.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.62
672	2.140	28.50	0.00	0.00	0.00	6.01	3.10	3.20	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.61
673	2.120	28.50	0.00	0.00	0.00	6.01	3.09	3.19	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.60
674	2.100	28.50	0.00	0.00	0.00	6.01	3.07	3.17	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.59
675	2.080	28.50	0.00	0.00	0.00	6.01	3.06	3.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.58
676	2.060	28.50	0.00	0.00	0.00	6.01	3.04	3.14	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.58
677	2.040	28.50	0.00	0.00	0.00	6.02	3.03	3.13	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.57
678	2.020	28.50	0.00	0.00	0.00	6.02	3.01	3.11	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.56
679	2.000	28.50	0.00	0.00	0.00	6.02	3.00	3.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.55
680	1.980	28.50	0.00	0.00	0.00	6.02	2.98	3.08	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.54
681	1.960	28.50	0.00	0.00	0.00	6.02	2.97	3.07	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.53
682	1.940	28.50	0.00	0.00	0.00	6.02	2.95	3.05	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.52
683	1.920	28.50	0.00	0.00	0.00	6.03	2.94	3.04	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.52
684	1.900	28.50	0.00	0.00	0.00	6.03	2.93	3.03	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.51
685	1.880	28.50	0.00	0.00	0.00	6.03	2.91	3.01	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.50
686	1.860	28.50	0.00	0.00	0.00	6.03	2.90	3.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.49
687	1.840	28.50	0.00	0.00	0.00	6.03	2.88	2.98	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.48
688	1.820	28.50	0.00	0.00	0.00	6.04	2.87	2.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.48
689	1.800	28.50	0.00	0.00	0.00	6.04	2.86	2.96	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.47
690	1.780	28.50	0.00	0.00	0.00	6.04	2.84	2.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.46
691	1.760	28.50	0.00	0.00	0.00	6.04	2.83	2.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.45
692	1.740	28.50	0.00	0.00	0.00	6.04	2.82	2.92	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.44
693	1.720	28.50	0.00	0.00	0.00	6.05	2.80	2.90	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.44
694	1.700	28.50	0.00	0.00	0.00	6.05	2.79	2.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.43
695	1.680	28.50	0.00	0.00	0.00	6.05	2.78	2.88	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.42
696	1.660	28.50	0.00	0.00	0.00	6.05	2.77	2.87	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.41
697	1.640	28.50	0.00	0.00	0.00	6.05	2.75	2.85	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.41
698	1.620	28.50	0.00	0.00	0.00	6.06	2.74	2.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.40
699	1.600	28.50	0.00	0.00	0.00	6.06	2.73	2.83	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.39
700	1.580	28.50	0.00	0.00	0.00	6.06	2.72	2.82	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.38
701	1.560	28.50	0.00	0.00	0.00	6.06	2.70	2.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.38
702	1.540	28.50	0.00	0.00	0.00	6.06	2.69	2.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.37
703	1.520	28.50	0.00	0.00	0.00	6.06	2.68	2.78	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.36
704	1.500	28.50	0.00	0.00	0.00	6.07	2.67	2.77	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.36
705	1.480	28.50	0.00	0.00	0.00	6.07	2.66	2.76	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.35
706	1.460	28.50	0.00	0.00	0.00	6.07	2.64	2.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.34
707	1.440	28.50	0.00	0.00	0.00	6.07	2.63	2.73	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.33
708	1.420	28.50	0.00	0.00	0.00	6.07	2.62	2.72	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.33
709	1.400	28.50	0.00	0.00	0.00	6.07	2.61	2.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.32
710	1.380	28.50	0.00	0.00	0.00	6.08	2.60	2.70	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.31
711	1.360	28.50	0.00	0.00	0.00	6.08	2.59	2.69	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.31
712	1.340	28.50	0.00	0.00	0.00	6.08	2.58	2.68	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.30
713	1.320	28.50	0.00	0.00	0.00	6.08	2.57	2.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.29
714	1.300	28.50	0.00	0.00	0.00	6.08	2.55	2.65	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.29
715	1.280	28.50	0.00	0.00	0.00	6.09	2.54	2.64	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.28
716	1.260	28.50	0.00	0.00	0.00	6.09	2.53	2.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.27
717	1.240	28.50	0.00	0.00	0.00	6.09	2.52	2.62	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.27
718	1.220	28.50	0.00	0.00	0.00	6.09	2.51	2.61	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.26
719	1.200	28.50	0.00	0.00	0.00	6.09	2.50	2.60	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.25
720	1.180	28.50	0.00	0.00	0.00	6.09	2.49	2.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.25
721	1.160	28.50	0.00	0.00	0.00	6.10	2.48	2.58	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.24

722	1.140	28.50	0.00	0.00	0.00	6.10	2.47	2.57	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.23
723	1.120	28.50	0.00	0.00	0.00	6.10	2.46	2.56	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.23
724	1.100	28.50	0.00	0.00	0.00	6.10	2.45	2.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.22
725	1.080	28.50	0.00	0.00	0.00	6.10	2.44	2.54	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.21
726	1.060	28.50	0.00	0.00	0.00	6.10	2.43	2.53	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.21
727	1.040	28.50	0.00	0.00	0.00	6.11	2.42	2.52	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.20
728	1.020	28.50	0.00	0.00	0.00	6.11	2.41	2.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.20
729	1.000	28.50	0.00	0.00	0.00	6.11	2.40	2.50	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.19
730	0.980	28.50	0.00	0.00	0.00	6.11	2.39	2.49	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.18
731	0.960	28.50	0.00	0.00	0.00	6.11	2.38	2.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.18
732	0.940	28.50	0.00	0.00	0.00	6.11	2.37	2.47	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.17
733	0.920	28.50	0.00	0.00	0.00	6.11	2.36	2.46	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.17
734	0.900	28.50	0.00	0.00	0.00	6.12	2.35	2.45	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.16
735	0.880	28.50	0.00	0.00	0.00	6.12	2.34	2.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.15
736	0.860	28.50	0.00	0.00	0.00	6.12	2.33	2.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.15
737	0.840	28.50	0.00	0.00	0.00	6.12	2.32	2.42	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.14
738	0.820	28.50	0.00	0.00	0.00	6.12	2.31	2.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.14
739	0.800	28.50	0.00	0.00	0.00	6.12	2.31	2.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.13
740	0.780	28.50	0.00	0.00	0.00	6.13	2.30	2.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.13
741	0.760	28.50	0.00	0.00	0.00	6.13	2.29	2.39	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.12
742	0.740	28.50	0.00	0.00	0.00	6.13	2.28	2.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.11
743	0.720	28.50	0.00	0.00	0.00	6.13	2.27	2.37	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.11
744	0.700	28.50	0.00	0.00	0.00	6.13	2.26	2.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.10
745	0.680	28.50	0.00	0.00	0.00	6.13	2.25	2.35	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.10
746	0.660	28.50	0.00	0.00	0.00	6.13	2.24	2.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.09
747	0.640	28.50	0.00	0.00	0.00	6.14	2.24	2.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.09
748	0.620	28.50	0.00	0.00	0.00	6.14	2.23	2.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.08
749	0.600	28.50	0.00	0.00	0.00	6.14	2.22	2.32	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.08
750	0.580	28.50	0.00	0.00	0.00	6.14	2.21	2.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.07
751	0.560	28.50	0.00	0.00	0.00	6.14	2.20	2.30	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.07
752	0.540	28.50	0.00	0.00	0.00	6.14	2.19	2.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.06
753	0.520	28.50	0.00	0.00	0.00	6.14	2.19	2.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.06
754	0.500	28.50	0.00	0.00	0.00	6.15	2.18	2.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.05
755	0.480	28.50	0.00	0.00	0.00	6.15	2.17	2.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.05
756	0.460	28.50	0.00	0.00	0.00	6.15	2.16	2.26	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.04
757	0.440	28.50	0.00	0.00	0.00	6.15	2.15	2.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.03
758	0.420	28.50	0.00	0.00	0.00	6.15	2.15	2.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.03
759	0.400	28.50	0.00	0.00	0.00	6.15	2.14	2.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.02
760	0.380	28.50	0.00	0.00	0.00	6.15	2.13	2.23	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.02
761	0.360	28.50	0.00	0.00	0.00	6.16	2.12	2.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.01
762	0.340	28.50	0.00	0.00	0.00	6.16	2.11	2.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.01
763	0.320	28.50	0.00	0.00	0.00	6.16	2.11	2.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.00
764	0.300	28.50	0.00	0.00	0.00	6.16	2.10	2.20	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.00
765	0.280	28.50	0.00	0.00	0.00	6.16	2.09	2.19	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	2.00
766	0.260	28.50	0.00	0.00	0.00	6.16	2.08	2.18	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.99
767	0.240	28.50	0.00	0.00	0.00	6.16	2.08	2.18	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.99
768	0.220	28.50	0.00	0.00	0.00	6.17	2.07	2.17	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.98
769	0.200	28.50	0.00	0.00	0.00	6.17	2.06	2.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.98
770	0.180	28.50	0.00	0.00	0.00	6.17	2.05	2.15	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.97
771	0.160	28.50	0.00	0.00	0.00	6.17	2.05	2.15	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.97
772	0.140	28.50	0.00	0.00	0.00	6.17	2.04	2.14	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	1.96



\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
47	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
48	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
49	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
50	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
51	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
52	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
53	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
54	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						0.20			4.91	48.80					
AVG					0.00461		0.10	0.61			0.06				
CUM						0.20									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAY 1/da	CBOD SETT 1/da	ANBOD DECAY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAY 1/da	ORGN SETT 1/da	NH3 DECAY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAY 1/da	NCM DECAY 1/da	NCM SETT 1/da
47	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.18	0.06
48	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.18	0.06
49	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.18	0.06
50	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
51	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.18	0.06
52	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
53	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.18	0.06
54	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00				0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10					0.00											0.05

\* g/sq m/d      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
47	0.070	28.50	0.00	0.00	0.00	5.44	4.96	4.98	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	4.97
48	0.060	28.50	0.00	0.00	0.00	5.80	4.91	4.96	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.94
49	0.050	28.50	0.00	0.00	0.00	6.10	4.87	4.95	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	4.91
50	0.040	28.50	0.00	0.00	0.00	6.35	4.83	4.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	4.88
51	0.030	28.50	0.00	0.00	0.00	6.57	4.79	4.91	0.00	0.00	0.00	0.00	0.00	6.25	0.00	0.00	4.85



	km	km	cms	m/s	days	m	m	cu m	sq m	sq m	cu m	m/s	sq m/s	m/s	
292	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
293	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
294	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
295	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
296	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
297	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
298	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
299	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
300	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
301	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
302	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
303	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
304	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
305	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
306	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
307	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
308	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
309	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
310	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
311	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
312	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
313	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
314	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
315	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
316	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
317	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
318	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
319	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
320	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
321	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
322	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
323	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
324	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
325	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
326	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
327	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						0.90			22.09	219.60					
AVG				0.00461			0.10	0.61					0.06		
CUM						0.90									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
292	0.350	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.18	0.06

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

293	0.340	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.18	0.06
294	0.330	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.18	0.06
295	0.320	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.18	0.06
296	0.310	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.18	0.06
297	0.300	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.18	0.06
298	0.290	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.18	0.06
299	0.280	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.18	0.06
300	0.270	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.18	0.06
301	0.260	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.18	0.06
302	0.250	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.18	0.06
303	0.240	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.18	0.06
304	0.230	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.18	0.06
305	0.220	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.18	0.06
306	0.210	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.18	0.06
307	0.200	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.18	0.06
308	0.190	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.18	0.06
309	0.180	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
310	0.170	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.18	0.06
311	0.160	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.18	0.06
312	0.150	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.18	0.06
313	0.140	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.18	0.06
314	0.130	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.18	0.06
315	0.120	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.18	0.06
316	0.110	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.18	0.06
317	0.100	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.18	0.06
318	0.090	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.18	0.06
319	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.18	0.06
320	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.18	0.06
321	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.18	0.06
322	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00	0.18	0.06
323	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.18	0.06
324	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.18	0.06
325	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00	0.00	0.18	0.06
326	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.18	0.06
327	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06

20 DEG C RATE 0.15 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10 0.05  
 AVG 20 DEG C RATE 7.26 0.10 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.05

\* g/sq m/d \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
292	0.350	28.50	0.00	0.00	0.00	5.43	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	4.97
293	0.340	28.50	0.00	0.00	0.00	5.78	4.91	4.93	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	4.94
294	0.330	28.50	0.00	0.00	0.00	6.07	4.87	4.89	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	4.91
295	0.320	28.50	0.00	0.00	0.00	6.32	4.83	4.85	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	4.88

296	0.310	28.50	0.00	0.00	0.00	6.52	4.79	4.82	0.00	0.00	0.00	0.00	0.00	1.39	0.00	0.00	4.85
297	0.300	28.50	0.00	0.00	0.00	6.68	4.75	4.78	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	4.82
298	0.290	28.50	0.00	0.00	0.00	6.82	4.71	4.75	0.00	0.00	0.00	0.00	0.00	1.94	0.00	0.00	4.79
299	0.280	28.50	0.00	0.00	0.00	6.94	4.67	4.71	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	4.77
300	0.270	28.50	0.00	0.00	0.00	7.04	4.63	4.68	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.74
301	0.260	28.50	0.00	0.00	0.00	7.12	4.59	4.64	0.00	0.00	0.00	0.00	0.00	2.78	0.00	0.00	4.71
302	0.250	28.50	0.00	0.00	0.00	7.19	4.55	4.61	0.00	0.00	0.00	0.00	0.00	3.06	0.00	0.00	4.68
303	0.240	28.50	0.00	0.00	0.00	7.25	4.51	4.58	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	4.65
304	0.230	28.50	0.00	0.00	0.00	7.30	4.47	4.54	0.00	0.00	0.00	0.00	0.00	3.61	0.00	0.00	4.63
305	0.220	28.50	0.00	0.00	0.00	7.34	4.43	4.51	0.00	0.00	0.00	0.00	0.00	3.89	0.00	0.00	4.60
306	0.210	28.50	0.00	0.00	0.00	7.38	4.39	4.48	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	4.57
307	0.200	28.50	0.00	0.00	0.00	7.41	4.36	4.45	0.00	0.00	0.00	0.00	0.00	4.44	0.00	0.00	4.54
308	0.190	28.50	0.00	0.00	0.00	7.44	4.32	4.41	0.00	0.00	0.00	0.00	0.00	4.72	0.00	0.00	4.52
309	0.180	28.50	0.00	0.00	0.00	7.46	4.28	4.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	4.49
310	0.170	28.50	0.00	0.00	0.00	7.49	4.25	4.35	0.00	0.00	0.00	0.00	0.00	5.28	0.00	0.00	4.46
311	0.160	28.50	0.00	0.00	0.00	7.51	4.21	4.32	0.00	0.00	0.00	0.00	0.00	5.56	0.00	0.00	4.44
312	0.150	28.50	0.00	0.00	0.00	7.52	4.17	4.29	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	4.41
313	0.140	28.50	0.00	0.00	0.00	7.54	4.14	4.26	0.00	0.00	0.00	0.00	0.00	6.11	0.00	0.00	4.38
314	0.130	28.50	0.00	0.00	0.00	7.56	4.10	4.23	0.00	0.00	0.00	0.00	0.00	6.39	0.00	0.00	4.36
315	0.120	28.50	0.00	0.00	0.00	7.57	4.07	4.20	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	4.33
316	0.110	28.50	0.00	0.00	0.00	7.58	4.03	4.17	0.00	0.00	0.00	0.00	0.00	6.94	0.00	0.00	4.31
317	0.100	28.50	0.00	0.00	0.00	7.59	4.00	4.14	0.00	0.00	0.00	0.00	0.00	7.22	0.00	0.00	4.28
318	0.090	28.50	0.00	0.00	0.00	7.61	3.96	4.11	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	4.25
319	0.080	28.50	0.00	0.00	0.00	7.62	3.93	4.09	0.00	0.00	0.00	0.00	0.00	7.78	0.00	0.00	4.23
320	0.070	28.50	0.00	0.00	0.00	7.63	3.90	4.06	0.00	0.00	0.00	0.00	0.00	8.06	0.00	0.00	4.20
321	0.060	28.50	0.00	0.00	0.00	7.64	3.86	4.03	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	4.18
322	0.050	28.50	0.00	0.00	0.00	7.65	3.83	4.00	0.00	0.00	0.00	0.00	0.00	8.61	0.00	0.00	4.15
323	0.040	28.50	0.00	0.00	0.00	7.66	3.80	3.97	0.00	0.00	0.00	0.00	0.00	8.89	0.00	0.00	4.13
324	0.030	28.50	0.00	0.00	0.00	7.67	3.76	3.95	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	4.10
325	0.020	28.50	0.00	0.00	0.00	7.68	3.73	3.92	0.00	0.00	0.00	0.00	0.00	9.44	0.00	0.00	4.08
326	0.010	28.50	0.00	0.00	0.00	7.69	3.70	3.90	0.00	0.00	0.00	0.00	0.00	9.72	0.00	0.00	4.04
327	0.000	28.50	0.00	0.00	0.00	7.75	3.83	4.03	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.29

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 WEST ELMWOOD DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 0.90 DAYS  
 MAXIMUM EFFLUENT = 0.00 PERCENT  
 FLOW = 0.00028 TO 0.00028 cms  
 DISPERSION = 0.0009 TO 0.0009 sq m/s  
 VELOCITY = 0.00461 TO 0.00461 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m

BOD DECAY = 0.22 TO 0.22 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.07 TO 0.09 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 8.50 TO 8.50 per day  
 BOD SETTLING = 0.12 TO 0.12 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
  
 TEMPERATURE = 28.50 TO 28.50 deg C  
 DISSOLVED OXYGEN = 5.43 TO 7.75 mg/L

FINAL REPORT NORTH MONROE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 12 N MONROE SD #1 POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
372	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	4.80	5.00	0.00	0.00	0.00	0.00	10.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
372	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
373	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
374	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
375	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
376	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
377	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
378	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
379	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
380	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
381	0.51	0.50	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
382	0.50	0.49	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
383	0.49	0.48	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
384	0.48	0.47	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
385	0.47	0.46	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
386	0.46	0.45	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
387	0.45	0.44	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
388	0.44	0.43	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
389	0.43	0.42	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
390	0.42	0.41	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
391	0.41	0.40	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005

392	0.40	0.39	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
393	0.39	0.38	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
394	0.38	0.37	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
395	0.37	0.36	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
396	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
397	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
398	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
399	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
400	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
401	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
402	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
403	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
404	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
405	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
406	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
407	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
408	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
409	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
410	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
411	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
412	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
413	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
414	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
415	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
416	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
417	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
418	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
419	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
420	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
421	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
422	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
423	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
424	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
425	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
426	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
427	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
428	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
429	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
430	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
431	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005

TOT																				
AVG					0.00461			1.51						36.82		366.00				
CUM								0.10	0.61							0.06				
								1.51												

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECA	CBOD SETT	ANBOD DECA	BKGD SOD	FULL SOD	CORR SOD	ORGN DECA	ORGN SETT	NH3 DECA	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECA	NCM DECA	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da



Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

422	0.090	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
423	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
424	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
425	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
426	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
427	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
428	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
429	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
430	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
431	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	0.18	0.06	
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10		
AVG 20 DEG C RATE				7.26	0.10						0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
372	0.590	28.50	0.00	0.00	0.00	5.48	4.76	4.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.97
373	0.580	28.50	0.00	0.00	0.00	5.86	4.72	4.92	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.94
374	0.570	28.50	0.00	0.00	0.00	6.18	4.68	4.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.91
375	0.560	28.50	0.00	0.00	0.00	6.44	4.64	4.84	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.88
376	0.550	28.50	0.00	0.00	0.00	6.66	4.60	4.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.85
377	0.540	28.50	0.00	0.00	0.00	6.84	4.56	4.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.82
378	0.530	28.50	0.00	0.00	0.00	6.99	4.52	4.72	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.79
379	0.520	28.50	0.00	0.00	0.00	7.11	4.48	4.68	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.77
380	0.510	28.50	0.00	0.00	0.00	7.21	4.44	4.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.74
381	0.500	28.50	0.00	0.00	0.00	7.30	4.40	4.60	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.71
382	0.490	28.50	0.00	0.00	0.00	7.37	4.37	4.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.68
383	0.480	28.50	0.00	0.00	0.00	7.42	4.33	4.53	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.65
384	0.470	28.50	0.00	0.00	0.00	7.47	4.29	4.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.63
385	0.460	28.50	0.00	0.00	0.00	7.51	4.26	4.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.60
386	0.450	28.50	0.00	0.00	0.00	7.55	4.22	4.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.57
387	0.440	28.50	0.00	0.00	0.00	7.57	4.18	4.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.54
388	0.430	28.50	0.00	0.00	0.00	7.60	4.15	4.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.52
389	0.420	28.50	0.00	0.00	0.00	7.62	4.11	4.31	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.49
390	0.410	28.50	0.00	0.00	0.00	7.63	4.08	4.28	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.46
391	0.400	28.50	0.00	0.00	0.00	7.65	4.04	4.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.44
392	0.390	28.50	0.00	0.00	0.00	7.66	4.01	4.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.41
393	0.380	28.50	0.00	0.00	0.00	7.67	3.97	4.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.38
394	0.370	28.50	0.00	0.00	0.00	7.68	3.94	4.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.36
395	0.360	28.50	0.00	0.00	0.00	7.69	3.90	4.10	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.33
396	0.350	28.50	0.00	0.00	0.00	7.69	3.87	4.07	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.31
397	0.340	28.50	0.00	0.00	0.00	7.70	3.84	4.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.28
398	0.330	28.50	0.00	0.00	0.00	7.70	3.81	4.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.25
399	0.320	28.50	0.00	0.00	0.00	7.71	3.77	3.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.23
400	0.310	28.50	0.00	0.00	0.00	7.71	3.74	3.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.20

401	0.300	28.50	0.00	0.00	0.00	7.72	3.71	3.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.18
402	0.290	28.50	0.00	0.00	0.00	7.72	3.68	3.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.15
403	0.280	28.50	0.00	0.00	0.00	7.72	3.65	3.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.13
404	0.270	28.50	0.00	0.00	0.00	7.73	3.61	3.81	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.10
405	0.260	28.50	0.00	0.00	0.00	7.73	3.58	3.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.08
406	0.250	28.50	0.00	0.00	0.00	7.73	3.55	3.75	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.06
407	0.240	28.50	0.00	0.00	0.00	7.73	3.52	3.72	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.03
408	0.230	28.50	0.00	0.00	0.00	7.74	3.49	3.69	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.01
409	0.220	28.50	0.00	0.00	0.00	7.74	3.46	3.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.98
410	0.210	28.50	0.00	0.00	0.00	7.74	3.43	3.63	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.96
411	0.200	28.50	0.00	0.00	0.00	7.74	3.40	3.60	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.94
412	0.190	28.50	0.00	0.00	0.00	7.75	3.37	3.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.91
413	0.180	28.50	0.00	0.00	0.00	7.75	3.35	3.55	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.89
414	0.170	28.50	0.00	0.00	0.00	7.75	3.32	3.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.87
415	0.160	28.50	0.00	0.00	0.00	7.75	3.29	3.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.84
416	0.150	28.50	0.00	0.00	0.00	7.75	3.26	3.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.82
417	0.140	28.50	0.00	0.00	0.00	7.76	3.23	3.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.80
418	0.130	28.50	0.00	0.00	0.00	7.76	3.20	3.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.78
419	0.120	28.50	0.00	0.00	0.00	7.76	3.18	3.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.75
420	0.110	28.50	0.00	0.00	0.00	7.76	3.15	3.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.73
421	0.100	28.50	0.00	0.00	0.00	7.76	3.12	3.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.71
422	0.090	28.50	0.00	0.00	0.00	7.76	3.10	3.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.69
423	0.080	28.50	0.00	0.00	0.00	7.77	3.07	3.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.66
424	0.070	28.50	0.00	0.00	0.00	7.77	3.04	3.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.64
425	0.060	28.50	0.00	0.00	0.00	7.77	3.02	3.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.62
426	0.050	28.50	0.00	0.00	0.00	7.77	2.99	3.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.60
427	0.040	28.50	0.00	0.00	0.00	7.77	2.97	3.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.58
428	0.030	28.50	0.00	0.00	0.00	7.78	2.94	3.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.56
429	0.020	28.50	0.00	0.00	0.00	7.78	2.92	3.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.53
430	0.010	28.50	0.00	0.00	0.00	7.78	2.91	3.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.51
431	0.000	28.50	0.00	0.00	0.00	7.70	3.74	3.94	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.44

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH MONROE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 1.51 DAYS  
 MAXIMUM EFFLUENT = 0.00 PERCENT  
 FLOW = 0.00028 TO 0.00028 cms  
 DISPERSION = 0.0009 TO 0.0009 sq m/s  
 VELOCITY = 0.00461 TO 0.00461 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m  
 BOD DECAY = 0.22 TO 0.22 per day

NH3 DECAY	=	0.00	TO	0.00	per day
SDMNT OXYGEN DMND	=	0.06	TO	0.09	g/sq m/d
NH3 SOURCE	=	0.00	TO	0.00	g/sq m/d
REAERATION	=	8.50	TO	8.50	per day
BOD SETTLING	=	0.12	TO	0.12	per day
ORGN DECAY	=	0.00	TO	0.00	per day
ORGN SETTLING	=	0.00	TO	0.00	per day
TEMPERATURE	=	28.50	TO	28.50	deg C
DISSOLVED OXYGEN	=	5.48	TO	7.78	mg/L

FINAL REPORT NORTH GATE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 15 N GATE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
457	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
457	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
458	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
459	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
460	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
461	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
462	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
463	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
464	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
465	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
466	0.51	0.50	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
467	0.50	0.49	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
468	0.49	0.48	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
469	0.48	0.47	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
470	0.47	0.46	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
471	0.46	0.45	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
472	0.45	0.44	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
473	0.44	0.43	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
474	0.43	0.42	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
475	0.42	0.41	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
476	0.41	0.40	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
477	0.40	0.39	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005

478	0.39	0.38	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
479	0.38	0.37	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
480	0.37	0.36	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
481	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
482	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
483	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
484	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
485	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
486	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
487	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
488	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
489	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
490	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
491	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
492	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
493	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
494	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
495	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
496	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
497	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
498	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
499	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
500	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
501	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
502	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
503	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
504	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
505	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
506	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
507	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
508	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
509	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
510	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
511	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
512	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
513	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
514	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
515	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
516	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT															
AVG					0.00461		1.51			36.82		366.00			
CUM							1.51	0.10	0.61			0.06			

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
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Chauvin Bayou Watershed TMDL  
Subsegment 080102  
Originated: 7/20/2001, Revised 5/29/02

508	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.18	0.06
509	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.18	0.06
510	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.18	0.06
511	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.18	0.06
512	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.18	0.06
513	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.18	0.06
514	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.18	0.06
515	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.18	0.06
516	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE		7.26			0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
457	0.590	28.50	0.00	0.00	0.00	5.43	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	4.97
458	0.580	28.50	0.00	0.00	0.00	5.78	4.91	4.92	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	4.94
459	0.570	28.50	0.00	0.00	0.00	6.07	4.87	4.88	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	4.91
460	0.560	28.50	0.00	0.00	0.00	6.31	4.83	4.84	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	4.88
461	0.550	28.50	0.00	0.00	0.00	6.51	4.79	4.80	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	4.85
462	0.540	28.50	0.00	0.00	0.00	6.67	4.75	4.76	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	4.82
463	0.530	28.50	0.00	0.00	0.00	6.81	4.71	4.72	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	4.79
464	0.520	28.50	0.00	0.00	0.00	6.92	4.67	4.68	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	4.77
465	0.510	28.50	0.00	0.00	0.00	7.01	4.63	4.64	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	4.74
466	0.500	28.50	0.00	0.00	0.00	7.09	4.59	4.60	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	4.71
467	0.490	28.50	0.00	0.00	0.00	7.16	4.55	4.57	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	4.68
468	0.480	28.50	0.00	0.00	0.00	7.21	4.51	4.53	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.65
469	0.470	28.50	0.00	0.00	0.00	7.26	4.47	4.49	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	4.63
470	0.460	28.50	0.00	0.00	0.00	7.30	4.43	4.46	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	4.60
471	0.450	28.50	0.00	0.00	0.00	7.33	4.39	4.42	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	4.57
472	0.440	28.50	0.00	0.00	0.00	7.36	4.36	4.38	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	4.54
473	0.430	28.50	0.00	0.00	0.00	7.38	4.32	4.35	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00	4.52
474	0.420	28.50	0.00	0.00	0.00	7.40	4.28	4.31	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	4.49
475	0.410	28.50	0.00	0.00	0.00	7.42	4.25	4.28	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00	4.46
476	0.400	28.50	0.00	0.00	0.00	7.43	4.21	4.24	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	4.44
477	0.390	28.50	0.00	0.00	0.00	7.45	4.17	4.21	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	4.41
478	0.380	28.50	0.00	0.00	0.00	7.46	4.14	4.17	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	4.38
479	0.370	28.50	0.00	0.00	0.00	7.47	4.10	4.14	0.00	0.00	0.00	0.00	0.00	1.92	0.00	0.00	4.36
480	0.360	28.50	0.00	0.00	0.00	7.48	4.07	4.11	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	4.33
481	0.350	28.50	0.00	0.00	0.00	7.49	4.03	4.07	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	4.31
482	0.340	28.50	0.00	0.00	0.00	7.49	4.00	4.04	0.00	0.00	0.00	0.00	0.00	2.17	0.00	0.00	4.28
483	0.330	28.50	0.00	0.00	0.00	7.50	3.96	4.01	0.00	0.00	0.00	0.00	0.00	2.25	0.00	0.00	4.25
484	0.320	28.50	0.00	0.00	0.00	7.51	3.93	3.98	0.00	0.00	0.00	0.00	0.00	2.33	0.00	0.00	4.23
485	0.310	28.50	0.00	0.00	0.00	7.51	3.90	3.94	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	4.20
486	0.300	28.50	0.00	0.00	0.00	7.52	3.86	3.91	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.18

487	0.290	28.50	0.00	0.00	0.00	7.52	3.83	3.88	0.00	0.00	0.00	0.00	0.00	2.58	0.00	0.00	4.15
488	0.280	28.50	0.00	0.00	0.00	7.53	3.80	3.85	0.00	0.00	0.00	0.00	0.00	2.67	0.00	0.00	4.13
489	0.270	28.50	0.00	0.00	0.00	7.53	3.76	3.82	0.00	0.00	0.00	0.00	0.00	2.75	0.00	0.00	4.10
490	0.260	28.50	0.00	0.00	0.00	7.54	3.73	3.79	0.00	0.00	0.00	0.00	0.00	2.83	0.00	0.00	4.08
491	0.250	28.50	0.00	0.00	0.00	7.54	3.70	3.76	0.00	0.00	0.00	0.00	0.00	2.92	0.00	0.00	4.06
492	0.240	28.50	0.00	0.00	0.00	7.55	3.67	3.73	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	4.03
493	0.230	28.50	0.00	0.00	0.00	7.55	3.64	3.70	0.00	0.00	0.00	0.00	0.00	3.08	0.00	0.00	4.01
494	0.220	28.50	0.00	0.00	0.00	7.56	3.61	3.67	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00	3.98
495	0.210	28.50	0.00	0.00	0.00	7.56	3.58	3.64	0.00	0.00	0.00	0.00	0.00	3.25	0.00	0.00	3.96
496	0.200	28.50	0.00	0.00	0.00	7.57	3.54	3.61	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	3.94
497	0.190	28.50	0.00	0.00	0.00	7.57	3.51	3.58	0.00	0.00	0.00	0.00	0.00	3.42	0.00	0.00	3.91
498	0.180	28.50	0.00	0.00	0.00	7.57	3.48	3.55	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	3.89
499	0.170	28.50	0.00	0.00	0.00	7.58	3.45	3.53	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00	3.87
500	0.160	28.50	0.00	0.00	0.00	7.58	3.43	3.50	0.00	0.00	0.00	0.00	0.00	3.67	0.00	0.00	3.84
501	0.150	28.50	0.00	0.00	0.00	7.59	3.40	3.47	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	3.82
502	0.140	28.50	0.00	0.00	0.00	7.59	3.37	3.44	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	3.80
503	0.130	28.50	0.00	0.00	0.00	7.59	3.34	3.42	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	3.78
504	0.120	28.50	0.00	0.00	0.00	7.60	3.31	3.39	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	3.75
505	0.110	28.50	0.00	0.00	0.00	7.60	3.28	3.36	0.00	0.00	0.00	0.00	0.00	4.08	0.00	0.00	3.73
506	0.100	28.50	0.00	0.00	0.00	7.61	3.25	3.34	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	3.71
507	0.090	28.50	0.00	0.00	0.00	7.61	3.23	3.31	0.00	0.00	0.00	0.00	0.00	4.25	0.00	0.00	3.69
508	0.080	28.50	0.00	0.00	0.00	7.61	3.20	3.28	0.00	0.00	0.00	0.00	0.00	4.33	0.00	0.00	3.66
509	0.070	28.50	0.00	0.00	0.00	7.62	3.17	3.26	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	3.64
510	0.060	28.50	0.00	0.00	0.00	7.62	3.14	3.23	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	3.62
511	0.050	28.50	0.00	0.00	0.00	7.63	3.12	3.21	0.00	0.00	0.00	0.00	0.00	4.58	0.00	0.00	3.60
512	0.040	28.50	0.00	0.00	0.00	7.63	3.09	3.18	0.00	0.00	0.00	0.00	0.00	4.67	0.00	0.00	3.58
513	0.030	28.50	0.00	0.00	0.00	7.63	3.06	3.16	0.00	0.00	0.00	0.00	0.00	4.75	0.00	0.00	3.56
514	0.020	28.50	0.00	0.00	0.00	7.64	3.04	3.13	0.00	0.00	0.00	0.00	0.00	4.83	0.00	0.00	3.53
515	0.010	28.50	0.00	0.00	0.00	7.63	3.02	3.12	0.00	0.00	0.00	0.00	0.00	4.92	0.00	0.00	3.51
516	0.000	28.50	0.00	0.00	0.00	7.30	3.54	3.64	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.50

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH GATE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME	=	1.51	DAYS
MAXIMUM EFFLUENT	=	0.00	PERCENT
FLOW	=	0.00028	TO 0.00028 cms
DISPERSION	=	0.0009	TO 0.0009 sq m/s
VELOCITY	=	0.00461	TO 0.00461 m/s
DEPTH	=	0.10	TO 0.10 m
WIDTH	=	0.61	TO 0.61 m
BOD DECAY	=	0.22	TO 0.22 per day
NH3 DECAY	=	0.00	TO 0.00 per day

SDMNT OXYGEN DMND=	0.06	TO	0.09	g/sq m/d
NH3 SOURCE	=	0.00	TO	0.00
REAERATION	=	8.50	TO	8.50
BOD SETTLING	=	0.12	TO	0.12
ORGN DECAY	=	0.00	TO	0.00
ORGN SETTLING	=	0.00	TO	0.00
TEMPERATURE	=	28.50	TO	28.50
DISSOLVED OXYGEN	=	5.43	TO	7.64

FINAL REPORT      NORTHSIDE DITCH      BAYOU CHAUVIN PROJECTION  
 REACH NO. 17    N SIDE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
557	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
557	0.70	0.69	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
558	0.69	0.68	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
559	0.68	0.67	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
560	0.67	0.66	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
561	0.66	0.65	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
562	0.65	0.64	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
563	0.64	0.63	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
564	0.63	0.62	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
565	0.62	0.61	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
566	0.61	0.60	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
567	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
568	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
569	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
570	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
571	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
572	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
573	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
574	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
575	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
576	0.51	0.50	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
577	0.50	0.49	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
578	0.49	0.48	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005



CUM 1.76

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
557	0.690	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.18	0.06
558	0.680	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.18	0.06
559	0.670	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.18	0.06
560	0.660	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.18	0.06
561	0.650	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.18	0.06
562	0.640	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.18	0.06
563	0.630	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.18	0.06
564	0.620	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.18	0.06
565	0.610	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.18	0.06
566	0.600	7.76	8.50	0.22	0.12	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.18	0.06
567	0.590	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.18	0.06
568	0.580	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18	0.06
569	0.570	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.18	0.06
570	0.560	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.18	0.06
571	0.550	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.18	0.06
572	0.540	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.18	0.06
573	0.530	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.18	0.06
574	0.520	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.18	0.06
575	0.510	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.18	0.06
576	0.500	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.18	0.06
577	0.490	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.18	0.06
578	0.480	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.18	0.06
579	0.470	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.18	0.06
580	0.460	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.18	0.06
581	0.450	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.18	0.06
582	0.440	7.76	8.50	0.22	0.12	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.18	0.06
583	0.430	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.18	0.06
584	0.420	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.18	0.06
585	0.410	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.18	0.06
586	0.400	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.18	0.06
587	0.390	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.18	0.06
588	0.380	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.18	0.06
589	0.370	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.18	0.06
590	0.360	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.18	0.06
591	0.350	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.18	0.06
592	0.340	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.18	0.06
593	0.330	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.18	0.06
594	0.320	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.18	0.06
595	0.310	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.18	0.06
596	0.300	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.18	0.06
597	0.290	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.18	0.06
598	0.280	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.18	0.06

599	0.270	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.18	0.06
600	0.260	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.18	0.06
601	0.250	7.76	8.50	0.22	0.12	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.18	0.06
602	0.240	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.18	0.06
603	0.230	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.18	0.06
604	0.220	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.18	0.06
605	0.210	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.18	0.06
606	0.200	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.18	0.06
607	0.190	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.18	0.06
608	0.180	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.18	0.06
609	0.170	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.18	0.06
610	0.160	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.18	0.06
611	0.150	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.18	0.06
612	0.140	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.18	0.06
613	0.130	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.18	0.06
614	0.120	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.18	0.06
615	0.110	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.18	0.06
616	0.100	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.18	0.06
617	0.090	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.18	0.06
618	0.080	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.18	0.06
619	0.070	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.18	0.06
620	0.060	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.18	0.06
621	0.050	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.18	0.06
622	0.040	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.18	0.06
623	0.030	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.18	0.06
624	0.020	7.76	8.50	0.22	0.12	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.18	0.06
625	0.010	7.76	8.50	0.22	0.12	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.18	0.06
626	0.000	7.76	8.50	0.22	0.12	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.18	0.06
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
557	0.690	28.50	0.00	0.00	0.00	5.43	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	4.97
558	0.680	28.50	0.00	0.00	0.00	5.78	4.91	4.92	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	4.94
559	0.670	28.50	0.00	0.00	0.00	6.07	4.87	4.88	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.91
560	0.660	28.50	0.00	0.00	0.00	6.31	4.83	4.84	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	4.88
561	0.650	28.50	0.00	0.00	0.00	6.51	4.79	4.80	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	4.85
562	0.640	28.50	0.00	0.00	0.00	6.67	4.75	4.76	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	4.82
563	0.630	28.50	0.00	0.00	0.00	6.81	4.71	4.72	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	4.79
564	0.620	28.50	0.00	0.00	0.00	6.92	4.67	4.68	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	4.77
565	0.610	28.50	0.00	0.00	0.00	7.01	4.63	4.64	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	4.74
566	0.600	28.50	0.00	0.00	0.00	7.09	4.59	4.60	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	4.71
567	0.590	28.50	0.00	0.00	0.00	7.16	4.55	4.56	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	4.68

568	0.580	28.50	0.00	0.00	0.00	7.21	4.51	4.53	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	4.65
569	0.570	28.50	0.00	0.00	0.00	7.26	4.47	4.49	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	4.63
570	0.560	28.50	0.00	0.00	0.00	7.29	4.43	4.45	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.60
571	0.550	28.50	0.00	0.00	0.00	7.33	4.39	4.42	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	4.57
572	0.540	28.50	0.00	0.00	0.00	7.35	4.36	4.38	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	4.54
573	0.530	28.50	0.00	0.00	0.00	7.38	4.32	4.34	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	4.52
574	0.520	28.50	0.00	0.00	0.00	7.40	4.28	4.31	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	4.49
575	0.510	28.50	0.00	0.00	0.00	7.41	4.25	4.27	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	4.46
576	0.500	28.50	0.00	0.00	0.00	7.43	4.21	4.24	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.00	4.44
577	0.490	28.50	0.00	0.00	0.00	7.44	4.17	4.20	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	4.41
578	0.480	28.50	0.00	0.00	0.00	7.45	4.14	4.17	0.00	0.00	0.00	0.00	0.00	1.57	0.00	0.00	4.38
579	0.470	28.50	0.00	0.00	0.00	7.46	4.10	4.14	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	4.36
580	0.460	28.50	0.00	0.00	0.00	7.47	4.07	4.10	0.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	4.33
581	0.450	28.50	0.00	0.00	0.00	7.48	4.03	4.07	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00	4.31
582	0.440	28.50	0.00	0.00	0.00	7.49	4.00	4.04	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	4.28
583	0.430	28.50	0.00	0.00	0.00	7.49	3.96	4.00	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	4.25
584	0.420	28.50	0.00	0.00	0.00	7.50	3.93	3.97	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	4.23
585	0.410	28.50	0.00	0.00	0.00	7.51	3.90	3.94	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	4.20
586	0.400	28.50	0.00	0.00	0.00	7.51	3.86	3.91	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00	4.18
587	0.390	28.50	0.00	0.00	0.00	7.52	3.83	3.87	0.00	0.00	0.00	0.00	0.00	2.21	0.00	0.00	4.15
588	0.380	28.50	0.00	0.00	0.00	7.52	3.80	3.84	0.00	0.00	0.00	0.00	0.00	2.29	0.00	0.00	4.13
589	0.370	28.50	0.00	0.00	0.00	7.53	3.76	3.81	0.00	0.00	0.00	0.00	0.00	2.36	0.00	0.00	4.10
590	0.360	28.50	0.00	0.00	0.00	7.53	3.73	3.78	0.00	0.00	0.00	0.00	0.00	2.43	0.00	0.00	4.08
591	0.350	28.50	0.00	0.00	0.00	7.54	3.70	3.75	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.06
592	0.340	28.50	0.00	0.00	0.00	7.54	3.67	3.72	0.00	0.00	0.00	0.00	0.00	2.57	0.00	0.00	4.03
593	0.330	28.50	0.00	0.00	0.00	7.54	3.64	3.69	0.00	0.00	0.00	0.00	0.00	2.64	0.00	0.00	4.01
594	0.320	28.50	0.00	0.00	0.00	7.55	3.61	3.66	0.00	0.00	0.00	0.00	0.00	2.71	0.00	0.00	3.98
595	0.310	28.50	0.00	0.00	0.00	7.55	3.58	3.63	0.00	0.00	0.00	0.00	0.00	2.79	0.00	0.00	3.96
596	0.300	28.50	0.00	0.00	0.00	7.56	3.54	3.60	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	3.94
597	0.290	28.50	0.00	0.00	0.00	7.56	3.51	3.57	0.00	0.00	0.00	0.00	0.00	2.93	0.00	0.00	3.91
598	0.280	28.50	0.00	0.00	0.00	7.56	3.48	3.54	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	3.89
599	0.270	28.50	0.00	0.00	0.00	7.57	3.45	3.52	0.00	0.00	0.00	0.00	0.00	3.07	0.00	0.00	3.87
600	0.260	28.50	0.00	0.00	0.00	7.57	3.43	3.49	0.00	0.00	0.00	0.00	0.00	3.14	0.00	0.00	3.84
601	0.250	28.50	0.00	0.00	0.00	7.57	3.40	3.46	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	3.82
602	0.240	28.50	0.00	0.00	0.00	7.58	3.37	3.43	0.00	0.00	0.00	0.00	0.00	3.29	0.00	0.00	3.80
603	0.230	28.50	0.00	0.00	0.00	7.58	3.34	3.41	0.00	0.00	0.00	0.00	0.00	3.36	0.00	0.00	3.78
604	0.220	28.50	0.00	0.00	0.00	7.59	3.31	3.38	0.00	0.00	0.00	0.00	0.00	3.43	0.00	0.00	3.75
605	0.210	28.50	0.00	0.00	0.00	7.59	3.28	3.35	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	3.73
606	0.200	28.50	0.00	0.00	0.00	7.59	3.25	3.32	0.00	0.00	0.00	0.00	0.00	3.57	0.00	0.00	3.71
607	0.190	28.50	0.00	0.00	0.00	7.60	3.23	3.30	0.00	0.00	0.00	0.00	0.00	3.64	0.00	0.00	3.69
608	0.180	28.50	0.00	0.00	0.00	7.60	3.20	3.27	0.00	0.00	0.00	0.00	0.00	3.71	0.00	0.00	3.66
609	0.170	28.50	0.00	0.00	0.00	7.60	3.17	3.25	0.00	0.00	0.00	0.00	0.00	3.79	0.00	0.00	3.64
610	0.160	28.50	0.00	0.00	0.00	7.61	3.14	3.22	0.00	0.00	0.00	0.00	0.00	3.86	0.00	0.00	3.62
611	0.150	28.50	0.00	0.00	0.00	7.61	3.12	3.19	0.00	0.00	0.00	0.00	0.00	3.93	0.00	0.00	3.60
612	0.140	28.50	0.00	0.00	0.00	7.61	3.09	3.17	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	3.58
613	0.130	28.50	0.00	0.00	0.00	7.62	3.06	3.14	0.00	0.00	0.00	0.00	0.00	4.07	0.00	0.00	3.56
614	0.120	28.50	0.00	0.00	0.00	7.62	3.04	3.12	0.00	0.00	0.00	0.00	0.00	4.14	0.00	0.00	3.53
615	0.110	28.50	0.00	0.00	0.00	7.62	3.01	3.10	0.00	0.00	0.00	0.00	0.00	4.21	0.00	0.00	3.51
616	0.100	28.50	0.00	0.00	0.00	7.63	2.99	3.07	0.00	0.00	0.00	0.00	0.00	4.29	0.00	0.00	3.49
617	0.090	28.50	0.00	0.00	0.00	7.63	2.96	3.05	0.00	0.00	0.00	0.00	0.00	4.36	0.00	0.00	3.47
618	0.080	28.50	0.00	0.00	0.00	7.63	2.93	3.02	0.00	0.00	0.00	0.00	0.00	4.43	0.00	0.00	3.45

619	0.070	28.50	0.00	0.00	0.00	7.64	2.91	3.00	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	3.43
620	0.060	28.50	0.00	0.00	0.00	7.64	2.88	2.98	0.00	0.00	0.00	0.00	0.00	4.57	0.00	0.00	3.41
621	0.050	28.50	0.00	0.00	0.00	7.64	2.86	2.95	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	3.39
622	0.040	28.50	0.00	0.00	0.00	7.65	2.84	2.93	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	3.37
623	0.030	28.50	0.00	0.00	0.00	7.65	2.81	2.91	0.00	0.00	0.00	0.00	0.00	4.79	0.00	0.00	3.35
624	0.020	28.50	0.00	0.00	0.00	7.65	2.79	2.88	0.00	0.00	0.00	0.00	0.00	4.86	0.00	0.00	3.33
625	0.010	28.50	0.00	0.00	0.00	7.65	2.77	2.87	0.00	0.00	0.00	0.00	0.00	4.93	0.00	0.00	3.31
626	0.000	28.50	0.00	0.00	0.00	7.23	3.11	3.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	3.23

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTHSIDE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 1.76 DAYS

MAXIMUM EFFLUENT = 0.00 PERCENT

FLOW = 0.00028 TO 0.00028 cms

DISPERSION = 0.0009 TO 0.0009 sq m/s

VELOCITY = 0.00461 TO 0.00461 m/s

DEPTH = 0.10 TO 0.10 m

WIDTH = 0.61 TO 0.61 m

BOD DECAY = 0.22 TO 0.22 per day

NH3 DECAY = 0.00 TO 0.00 per day

SDMNT OXYGEN DMND= 0.05 TO 0.09 g/sq m/d

NH3 SOURCE = 0.00 TO 0.00 g/sq m/d

REAERATION = 8.50 TO 8.50 per day

BOD SETTLING = 0.12 TO 0.12 per day

ORGN DECAY = 0.00 TO 0.00 per day

ORGN SETTLING = 0.00 TO 0.00 per day

TEMPERATURE = 28.50 TO 28.50 deg C

DISSOLVED OXYGEN = 5.43 TO 7.65 mg/L

.....EXECUTION COMPLETED

APPENDIX N – WINTER PROJECTION OUTPUT

LA-QUAL Version 4.13  
 Louisiana Department of Environmental Quality

Input file is D:\Chauvin\1994-Model\Project\ChauvinWinProj2\_60%red.txt  
 Output produced at 07:47 on 07/20/2001

\$\$\$ DATA TYPE 1 (TITLES AND CONTROL CARDS) \$\$\$

CARD TYPE	CONTROL TITLES
TITLE01	BAYOU CHAUVIN PROJECTION
TITLE02	
CNTR0L11	NO SEQUENCING OUTPUT
CNTR0L12	YES METRIC UNITS
CNTR0L13	YES OXYGEN DEPENDENT RATES
ENDATA01	

\$\$\$ DATA TYPE 2 (MODEL OPTIONS) \$\$\$

CARD TYPE	MODEL OPTION	
MODOPT01	NO TEMPERATURE	
MODOPT02	NO SALINITY	
MODOPT03	NO CONSERVATIVE MATERIAL I = CHLORIDES	IN MG/L
MODOPT04	NO CONSERVATIVE MATERIAL II = SULFATES	IN MG/L
MODOPT05	YES DISSOLVED OXYGEN	
MODOPT06	YES BIOCHEMICAL OXYGEN DEMAND	
MODOPT07	NO NITROGEN	
MODOPT08	NO PHOSPHORUS	
MODOPT09	NO CHLOROPHYLL A	
MODOPT10	NO MACROPHYTES	
MODOPT11	NO COLIFORM	
MODOPT12	YES NONCONSERVATIVE MATERIAL = NBOD	IN MG/L
ENDATA02		

\$\$\$ DATA TYPE 3 (PROGRAM CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
PROGRAM	MAXIMUM ITERATION LIMIT	= 200.00000
PROGRAM	NCM OXYGEN UPTAKE RATE	= 1.00000
PROGRAM	KL MINIMUM	= 0.70000
PROGRAM	OCEAN EXCHANGE RATIO	= 0.00000
PROGRAM	K2 MAXIMUM	= 25.00000
PROGRAM	ALGAE OXYGEN PROD	= 0.14000
PROGRAM	SETTLING RATE UNITS	= 2.00000
PROGRAM	HYDROLOGIC CALCULATION METHOD	= 2.00000
PROGRAM	BENTHAL MAXIMUM RATE	= 10.00000
PROGRAM	EFFECTIVE BOD DUE TO ALGAE	= 0.02000

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

PROGRAM            DISPERSION EQUATION            =            1.00000  
 ENDATA03

\$\$\$ DATA TYPE 4 (TEMPERATURE CORRECTION CONSTANTS FOR RATE COEFFICIENTS) \$\$\$

CARD TYPE	RATE CODE	THETA VALUE
THETA	BENTHAL	1.06500
THETA	NCM DECA	1.07000

ENDATA04

\$\$\$ CONSTANTS TYPE 5 (TEMPERATURE DATA) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA05		

\$\$\$ DATA TYPE 6 (ALGAE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ALGAE	O PRODUCTION DUE TO GROWTH	1.60000
ALGAE	O UPTAKE DUE TO RESPIRATION	2.00000

ENDATA06

\$\$\$ DATA TYPE 7 (MACROPHYTE CONSTANTS) \$\$\$

CARD TYPE	DESCRIPTION OF CONSTANT	VALUE
ENDATA07		

\$\$\$ DATA TYPE 8 (REACH IDENTIFICATION DATA) \$\$\$

CARD TYPE	REACH	ID	NAME	BEGIN REACH km	END REACH km	ELEM LENGTH km	REACH LENGTH km	ELEMS PER RCH	BEGIN ELEM NUM	END ELEM NUM
REACH ID	1	BC	HWY 139 TO LAKEWOOD DR	10.90	TO 10.18	0.0200	0.72	36	1	36
REACH ID	2	BC	LAKEWOOD DR TO BAYOU OAKS DITCH	10.18	TO 9.98	0.0200	0.20	10	37	46
REACH ID	3	BO	BAYOU OAKS POND TO BAYOU CHAUVIN	0.08	TO 0.00	0.0100	0.08	8	47	54
REACH ID	4	BC	BAYOU OAKS DITCH TO JOE WHITE RD	9.98	TO 9.70	0.0200	0.28	14	55	68
REACH ID	5	BC	J WHITE RD TO CONTROL STRUCTURE	9.70	TO 9.22	0.0200	0.48	24	69	92
REACH ID	6	BC	CONT STRUCT TO OAKWOOD POND #2	9.22	TO 6.20	0.0200	3.02	151	93	243
REACH ID	7	BC	OAKWOOD #2 TO OLD STERLINGTON RD	6.20	TO 5.44	0.0200	0.76	38	244	281
REACH ID	8	BC	OLD ST RD TO WEST ELMWOOD DITCH	5.44	TO 5.24	0.0200	0.20	10	282	291
REACH ID	9	WE	W ELMWOOD POND TO BAYOU CHAUVIN	0.36	TO 0.00	0.0100	0.36	36	292	327
REACH ID	10	BC	W ELMWOOD DITCH TO ALM RR	5.24	TO 4.68	0.0200	0.56	28	328	355
REACH ID	11	WE	ALM RR TO NORTH MONROE DITCH	4.68	TO 4.36	0.0200	0.32	16	356	371
REACH ID	12	NM	N MONROE SD #1 POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	372	431
REACH ID	13	BC	N MONROE DITCH TO HWY 165	4.36	TO 4.12	0.0200	0.24	12	432	443
REACH ID	14	BC	HWY 165 TO NORTH GATE DITCH	4.12	TO 3.86	0.0200	0.26	13	444	456
REACH ID	15	NG	N GATE ESTATES POND TO B CHAUVIN	0.60	TO 0.00	0.0100	0.60	60	457	516

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

REACH ID	16	BC	N GATE DITCH TO NORTHSIDE DITCH	3.86	TO	3.06	0.0200	0.80	40	517	556
REACH ID	17	NS	N SIDE ESTATES POND TO B CHAUVIN	0.70	TO	0.00	0.0100	0.70	70	557	626
REACH ID	18	BC	N SIDE DITCH TO OUACHITA R LEVEE	3.06	TO	0.00	0.0200	3.06	153	627	779

ENDATA08

\$\$\$ DATA TYPE 9 (ADVECTIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	WIDTH "A"	WIDTH "B"	WIDTH "C"	DEPTH "D"	DEPTH "E"	DEPTH "F"	SLOPE	MANNINGS "N"
HYDR-1	1	BC	0.000	0.000	7.925	0.000	0.000	0.229	0.00000	0.070
HYDR-1	2	BC	0.000	0.000	10.363	0.000	0.000	0.229	0.00000	0.070
HYDR-1	3	BO	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	4	BC	0.000	0.000	12.802	0.000	0.000	0.229	0.00000	0.070
HYDR-1	5	BC	0.000	0.000	10.973	0.000	0.000	0.229	0.00000	0.070
HYDR-1	6	BC	0.000	0.000	9.449	0.000	0.000	0.408	0.00000	0.070
HYDR-1	7	BC	0.000	0.000	10.973	0.000	0.000	0.360	0.00000	0.070
HYDR-1	8	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	9	WE	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	10	BC	0.000	0.000	9.754	0.000	0.000	0.491	0.00000	0.070
HYDR-1	11	WE	0.000	0.000	12.192	0.000	0.000	0.274	0.00000	0.070
HYDR-1	12	NM	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
HYDR-1	13	BC	0.000	0.000	15.240	0.000	0.000	0.274	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 14										
HYDR-1	14	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	15	NG	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 16										
HYDR-1	16	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070
HYDR-1	17	NS	0.000	0.000	0.610	0.000	0.000	0.101	0.00000	0.070
***** WARNING: VELOCITY AND DEPTH EXPONENTS ADD TO GREATER THAN 1.0 IN REACH 18										
HYDR-1	18	BC	34.779	1.226	4.500	9.743	1.733	0.150	0.00000	0.070

ENDATA09

\$\$\$ DATA TYPE 10 (DISPERSIVE HYDRAULIC COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	TIDAL RANGE	DISPERSION "A"	DISPERSION "B"	DISPERSION "C"	DISPERSION "D"
HYDR	1	BC	0.00	0.001	0.000	0.000	0.000
HYDR	2	BC	0.00	0.000	0.000	0.000	0.000
HYDR	4	BC	0.00	0.000	0.000	0.000	0.000
HYDR	5	BC	0.00	0.001	0.000	0.000	0.000
HYDR	6	BC	0.00	0.002	0.000	0.000	0.000
HYDR	7	BC	0.00	0.031	0.000	0.000	0.000
HYDR	8	BC	0.00	0.010	0.000	0.000	0.000
HYDR	10	BC	0.00	0.010	0.000	0.000	0.000
HYDR	11	WE	0.00	0.077	0.000	0.000	0.000
HYDR	13	BC	0.00	0.093	0.000	0.000	0.000
HYDR	14	BC	0.00	0.077	0.000	0.000	0.000
HYDR	16	BC	0.00	0.078	0.000	0.000	0.000
HYDR	18	BC	0.00	0.075	0.000	0.000	0.000

ENDATA10

\$\$\$ DATA TYPE 11 (INITIAL CONDITIONS) \$\$\$

CARD TYPE	REACH	ID	TEMP	SALIN	DO	NH3	NO3+2	PHOS	CHL A	MACRO
INITIAL	1	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	2	BC	16.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	3	BO	16.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	4	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	5	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	6	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	7	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	8	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	9	WE	16.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	10	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	11	WE	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	12	NM	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	13	BC	16.50	0.00	3.00	0.00	0.00	0.00	10.00	0.00
INITIAL	14	BC	16.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	15	NG	16.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	16	BC	16.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00
INITIAL	17	NS	16.50	0.00	3.00	0.00	0.00	0.00	0.00	0.00
INITIAL	18	BC	16.50	0.00	3.00	0.00	0.00	0.00	5.00	0.00

ENDATA11

\$\$\$ DATA TYPE 12 (REAERATION, SEDIMENT OXYGEN DEMAND, BOD COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	K2 OPT	K2 "A"	K2 "B"	K2 "C"	BKGRND SOD	AEROB BOD DECAY	BOD SETT	BOD CONV TO SOD	ANAER BOD DECAY
COEF-1	1	BC	15 LOUISIANA	0.000	0.000	0.000	2.360	0.150	0.100	1.000	0.000
COEF-1	2	BC	15 LOUISIANA	0.000	0.000	0.000	2.490	0.150	0.100	1.000	0.000
COEF-1	3	BO	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	4	BC	15 LOUISIANA	0.000	0.000	0.000	2.130	0.150	0.100	1.000	0.000
COEF-1	5	BC	15 LOUISIANA	0.000	0.000	0.000	1.110	0.150	0.100	1.000	0.000
COEF-1	6	BC	15 LOUISIANA	0.000	0.000	0.000	1.500	0.150	0.100	1.000	0.000
COEF-1	7	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	8	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	9	WE	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	10	BC	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	11	WE	15 LOUISIANA	0.000	0.000	0.000	0.110	0.150	0.100	1.000	0.000
COEF-1	12	NM	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	13	BC	15 LOUISIANA	0.000	0.000	0.000	0.120	0.150	0.100	1.000	0.000
COEF-1	14	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000
COEF-1	15	NG	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	16	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000
COEF-1	17	NS	15 LOUISIANA	0.000	0.000	0.000	0.000	0.150	0.100	1.000	0.000
COEF-1	18	BC	15 LOUISIANA	0.000	0.000	0.000	1.000	0.150	0.100	1.000	0.000

ENDATA12

\$\$\$ DATA TYPE 13 (NITROGEN AND PHOSPHORUS COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	ORG-N DECA	ORG-N SETT	ORGN CONV TO NH3 SRCE	NH3 DECA	NH3 SRCE	PHOS SRCE	DENIT RATE
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ENDATA13

\$\$\$ DATA TYPE 14 (ALGAE AND MACROPHYTE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	SECCHI DEPTH	ALGAE: CHL A	ALGAE SETT	ALG CONV TO SOD	ALGAE GROW	ALGAE RESP	MACRO GROW	MACRO RESP
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ENDATA14

\$\$\$ DATA TYPE 15 (COLIFORM AND NONCONSERVATIVE COEFFICIENTS) \$\$\$

CARD TYPE	REACH	ID	COLIFORM DIE-OFF	NCM DECAY	NCM SETT	NCM CONV TO SOD
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COEF-4	1	BC	0.00	0.10	0.05	1.00
COEF-4	2	BC	0.00	0.10	0.05	1.00
COEF-4	3	BO	0.00	0.10	0.05	1.00
COEF-4	4	BC	0.00	0.10	0.05	1.00
COEF-4	5	BC	0.00	0.10	0.05	1.00
COEF-4	6	BC	0.00	0.10	0.05	1.00
COEF-4	7	BC	0.00	0.10	0.05	1.00
COEF-4	8	BC	0.00	0.10	0.05	1.00
COEF-4	9	WE	0.00	0.10	0.05	1.00
COEF-4	10	BC	0.00	0.10	0.05	1.00
COEF-4	11	WE	0.00	0.10	0.05	1.00
COEF-4	12	NM	0.00	0.10	0.05	1.00
COEF-4	13	BC	0.00	0.10	0.05	1.00
COEF-4	14	BC	0.00	0.10	0.05	1.00
COEF-4	15	NG	0.00	0.10	0.05	1.00
COEF-4	16	BC	0.00	0.10	0.05	1.00
COEF-4	17	NS	0.00	0.10	0.05	1.00
COEF-4	18	BC	0.00	0.10	0.05	1.00

ENDATA15

\$\$\$ DATA TYPE 16 (INCREMENTAL DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	OUTFLOW	INFLOW	TEMP	SALIN	CM-I	CM-II	IN/DIST	OUT/DIST
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INCR-1	1	BC	-0.00073	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00101
INCR-1	2	BC	-0.00019	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00095
INCR-1	3	BO	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	4	BC	-0.00028	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	5	BC	-0.00048	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	6	BC	-0.00302	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	7	BC	-0.00076	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	8	BC	-0.00020	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-1	9	WE	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	10	BC	-0.00057	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00102
INCR-1	11	WE	-0.00031	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00097
INCR-1	12	NM	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	13	BC	-0.00024	0.00000	25.00	0.00	0.00	0.00	0.00000	-0.00100
INCR-1	14	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	15	NG	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	16	BC	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	17	NS	0.00000	0.00000	25.00	0.00	0.00	0.00	0.00000	0.00000
INCR-1	18	BC	0.00000	0.00500	25.00	0.00	27.50	17.50	0.00163	0.00000

ENDATA16

\$\$\$ DATA TYPE 17 (INCREMENTAL DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	REACH	ID	DO	BOD	ORG-N	NH3	NO3+2
INCR-2	1	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	2	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	3	BO	3.00	0.00	0.00	0.00	0.00
INCR-2	4	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	5	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	6	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	7	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	8	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	9	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	10	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	11	WE	3.00	0.00	0.00	0.00	0.00
INCR-2	12	NM	3.00	0.00	0.00	0.00	0.00
INCR-2	13	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	14	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	15	NG	3.00	0.00	0.00	0.00	0.00
INCR-2	16	BC	3.00	0.00	0.00	0.00	0.00
INCR-2	17	NS	3.00	0.00	0.00	0.00	0.00
INCR-2	18	BC	3.00	2.00	0.00	0.00	0.00

ENDATA17

\$\$\$ DATA TYPE 18 (INCREMENTAL DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	REACH	ID	PHOS	CHL A	COLI	NCM
INCR-3	1	BC	0.00	0.00	0.00	0.00
INCR-3	2	BC	0.00	0.00	0.00	0.00
INCR-3	3	BO	0.00	0.00	0.00	0.00
INCR-3	4	BC	0.00	0.00	0.00	0.00
INCR-3	5	BC	0.00	0.00	0.00	0.00
INCR-3	6	BC	0.00	0.00	0.00	0.00
INCR-3	7	BC	0.00	0.00	0.00	0.00
INCR-3	8	BC	0.00	0.00	0.00	0.00
INCR-3	9	WE	0.00	0.00	0.00	0.00
INCR-3	10	BC	0.00	0.00	0.00	0.00
INCR-3	11	WE	0.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

INCR-3	12	NM	0.00	0.00	0.00	0.00
INCR-3	13	BC	0.00	0.00	0.00	0.00
INCR-3	14	BC	0.00	0.00	0.00	0.00
INCR-3	15	NG	0.00	0.00	0.00	0.00
INCR-3	16	BC	0.00	0.00	0.00	0.00
INCR-3	17	NS	0.00	0.00	0.00	0.00
INCR-3	18	BC	0.00	0.00	0.00	2.00

ENDATA18

\$\$\$ DATA TYPE 19 (NONPOINT SOURCE DATA) \$\$\$

CARD TYPE	REACH	ID	BOD	ORG-N	COLI	NCM	DO
NONPOINT	1	BC	0.35	0.00	0.00	4.96	0.00
NONPOINT	2	BC	0.12	0.00	0.00	0.00	0.00
NONPOINT	3	BO	0.00	0.00	0.00	0.00	0.00
NONPOINT	4	BC	2.32	0.00	0.00	0.00	0.00
NONPOINT	5	BC	0.51	0.00	0.00	0.00	0.00
NONPOINT	6	BC	18.72	0.00	0.00	10.36	0.00
NONPOINT	7	BC	27.87	0.00	0.00	12.60	0.00
NONPOINT	8	BC	3.08	0.00	0.00	2.09	0.00
NONPOINT	9	WE	0.00	0.00	0.00	0.00	0.00
NONPOINT	10	BC	9.39	0.00	0.00	4.38	0.00
NONPOINT	11	WE	10.18	0.00	0.00	5.66	0.00
NONPOINT	12	NM	0.00	0.00	0.00	0.00	0.00
NONPOINT	13	BC	8.14	0.00	0.00	4.53	0.00
NONPOINT	14	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	15	NG	0.00	0.00	0.00	0.00	0.00
NONPOINT	16	BC	0.00	0.00	0.00	0.00	0.00
NONPOINT	17	NS	0.00	0.00	0.00	0.00	0.00
NONPOINT	18	BC	0.00	0.00	0.00	0.00	0.00

ENDATA19

\$\$\$ DATA TYPE 20 (HEADWATER FOR FLOW, TEMPERATURE, SALINITY AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	UNIT	FLOW	TEMP	SALIN	CM-I	CM-II
HDWTR-1	1	B CHAUVIN @ HWY 139	0	0.00283	28.500	0.000	34.000	6.000
HDWTR-1	47	BAYOU OAKS DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	292	WEST ELMWOOD DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	372	NORTH MONROE DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	457	NORTH GATE DITCH	0	0.00028	28.500	0.000	10.000	7.000
HDWTR-1	557	NORTHSIDE DITCH	0	0.00028	28.500	0.000	10.000	7.000

ENDATA20

\$\$\$ DATA TYPE 21 (HEADWATER DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	ORG-N	NH3	NO3+2
HDWTR-2	1	B CHAUVIN @ HWY 139	6.70	5.00	0.00	0.00	0.00
HDWTR-2	47	BAYOU OAKS DITCH	5.00	5.00	0.00	0.00	0.00

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

HDWTR-2	292	WEST ELMWOOD DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	372	NORTH MONROE DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	457	NORTH GATE DITCH	5.00	5.00	0.00	0.00	0.00
HDWTR-2	557	NORTHSIDE DITCH	5.00	5.00	0.00	0.00	0.00
ENDATA21							

\$\$\$ DATA TYPE 22 (HEADWATER DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
HDWTR-3	1	B CHAUVIN @ HWY 139	0.00	0.00	0.00	5.00
HDWTR-3	47	BAYOU OAKS DITCH	0.00	0.00	0.00	5.00
HDWTR-3	292	WEST ELMWOOD DITCH	0.00	0.00	0.00	5.00
HDWTR-3	372	NORTH MONROE DITCH	0.00	0.00	0.00	5.00
HDWTR-3	457	NORTH GATE DITCH	0.00	0.00	0.00	5.00
HDWTR-3	557	NORTHSIDE DITCH	0.00	0.00	0.00	5.00
ENDATA22						

\$\$\$ DATA TYPE 23 (JUNCTION DATA) \$\$\$

CARD TYPE	JUNCTION ELEMENT	UPSTRM ELEMENT	RIVER KILOM	NAME
JUNCTION	55	46	9.98	BAYOU OAKS DITCH WITH BAYOU CHAUVIN
JUNCTION	328	291	5.24	WEST ELMWOOD DITCH WITH BAYOU CHAUVIN
JUNCTION	432	371	4.36	NORTH MONROE DITCH WITH BAYOU CHAUVIN
JUNCTION	517	456	3.86	NORTH GATE DITCH WITH BAYOU CHAUVIN
JUNCTION	627	556	3.06	NORTHSIDE DITCH WITH BAYOU CHAUVIN
ENDATA23				

\$\$\$ DATA TYPE 24 (WASTELOAD DATA FOR FLOW, TEMPERATURE, SALINITY, AND CONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	RKILO	NAME	FLOW	TEMP	SAL	CM-I	CM-II
WSTLD-1	23	10.46	LAKEVIEW ESTATES	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	47	0.08	BAYOU OAKS POND	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	75	9.58	BAYOU DESIARD	0.02830	28.500	0.000	0.000	0.000
WSTLD-1	110	8.88	LEISURE VILLAGE	0.00175	28.500	0.000	0.000	0.000
WSTLD-1	228	6.52	OAKWOOD # 1	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	244	6.20	OAKWOOD # 2	0.04440	28.500	0.000	0.000	0.000
WSTLD-1	292	0.36	WEST ELMWOOD POND	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	372	0.60	NORTH MONROE SD # 1	0.00569	28.500	0.000	0.000	0.000
WSTLD-1	457	0.60	NORTH GATE ESTATES	0.00000	28.500	0.000	0.000	0.000
WSTLD-1	557	0.70	NORTHSIDE TERRACE	0.00000	28.500	0.000	0.000	0.000
ENDATA24								

\$\$\$ DATA TYPE 25 (WASTELOAD DATA FOR DO, BOD, AND NITROGEN) \$\$\$

CARD TYPE	ELEMENT	NAME	DO	BOD	% BOD RMVL	ORG-N	NH3	% NITRIF	NO3+2
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Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WSTLD-2	23	LAKEVIEW ESTATES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	47	BAYOU OAKS POND	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	75	BAYOU DESIARD	5.00	5.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	110	LEISURE VILLAGE	2.00	69.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	228	OAKWOOD # 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	244	OAKWOOD # 2	5.00	46.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	292	WEST ELMWOOD POND	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	372	NORTH MONROE SD # 1	2.00	69.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	457	NORTH GATE ESTATES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WSTLD-2	557	NORTHSIDE TERRACE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENDATA25									

\$\$\$ DATA TYPE 26 (WASTELOAD DATA FOR PHOSPHORUS, CHLOROPHYLL, COLIFORM, AND NONCONSERVATIVES) \$\$\$

CARD TYPE	ELEMENT	NAME	PHOS	CHL A	COLI	NCM
WSTLD-3	23	LAKEVIEW ESTATES	0.00	0.00	0.00	0.00
WSTLD-3	47	BAYOU OAKS POND	0.00	0.00	0.00	0.00
WSTLD-3	75	BAYOU DESIARD	0.00	0.00	0.00	5.00
WSTLD-3	110	LEISURE VILLAGE	0.00	0.00	0.00	64.50
WSTLD-3	228	OAKWOOD # 1	0.00	0.00	0.00	0.00
WSTLD-3	244	OAKWOOD # 2	0.00	0.00	0.00	43.00
WSTLD-3	292	WEST ELMWOOD POND	0.00	0.00	0.00	0.00
WSTLD-3	372	NORTH MONROE SD # 1	0.00	0.00	0.00	64.50
WSTLD-3	457	NORTH GATE ESTATES	0.00	0.00	0.00	0.00
WSTLD-3	557	NORTHSIDE TERRACE	0.00	0.00	0.00	0.00
ENDATA26						

\$\$\$ DATA TYPE 27 (LOWER BOUNDARY CONDITIONS) \$\$\$

CARD TYPE	CONSTITUENT	CONCENTRATION
LOWER BC	TEMPERATURE	= 16.500 deg C
LOWER BC	SALINITY	= 0.000 ppt
LOWER BC	CONSERVATIVE MATERIAL I	= 0.000 MG/L
LOWER BC	CONSERVATIVE MATERIAL II	= 0.000 MG/L
LOWER BC	DISSOLVED OXYGEN	= 0.000 mg/L
LOWER BC	BIOCHEMICAL OXYGEN DEMAND	= 0.000 mg/L
LOWER BC	ORGANIC NITROGEN	= 0.000 mg/L
LOWER BC	AMMONIA NITROGEN	= 0.000 mg/L
LOWER BC	NITRATE+NITRITE NITROGEN	= 0.000 mg/L
LOWER BC	PHOSPHORUS	= 0.000 mg/L
LOWER BC	CHLOROPHYLL A	= 5.000 µg/L
LOWER BC	COLIFORM	= 0.000 #/100 mL
LOWER BC	NONCONSERVATIVE MATERIAL	= 0.000 MG/L
ENDATA27		

\$\$\$ DATA TYPE 28 (RESERVED FOR FUTURE DATA INPUT) \$\$\$

CARD TYPE

ENDATA28

\$\$\$ DATA TYPE 29 (SENSITIVITY ANALYSIS DATA) \$\$\$

CARD TYPE	PARAMETER	COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8
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ENDATA29

\$\$\$ DATA TYPE 30 (PLOT CONTROL CARDS) \$\$\$

NUMBER OF PLOTS = 1  
 NUMBER OF REACHES IN PLOT 1 = 13  
 PLOT RCH 1 2 4 5 6 7 8 10 11 13 14 16 18  
 ENDATA30

\$\$\$ DATA TYPE 31 (OVERLAY PLOT DATA) \$\$\$

OVERLAY 1                                    OPDATA2.TXT    BAYOU CHAUVIN WINTER SEASON PROJECTION  
 ENDATA31

.....NO ERRORS DETECTED IN INPUT DATA  
 .....HYDRAULIC CALCULATIONS COMPLETED  
 .....TRIDIAGONAL MATRIX TERMS INITIALIZED  
 .....OXYGEN DEPENDENT RATES CONVERGENT IN 32 ITERATIONS  
 .....CONSTITUENT CALCULATIONS COMPLETED  
 .....GRAPHICS DATA FOR PLOT 1 WRITTEN TO UNIT 11

FINAL REPORT    B CHAUVIN @ HWY 139                                    BAYOU CHAUVIN PROJECTION  
 REACH NO. 1    HWY 139 TO LAKEWOOD DR

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
1	HDWTR	0.00283	28.50	0.00	34.00	6.00	6.70	4.80	5.00	0.00	0.00	0.00	0.00	10.00	0.00	5.00
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
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1	10.90	10.88	0.00281	0.00	0.00155	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
2	10.88	10.86	0.00279	0.00	0.00154	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
3	10.86	10.84	0.00277	0.00	0.00153	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
4	10.84	10.82	0.00275	0.00	0.00152	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
5	10.82	10.80	0.00273	0.00	0.00151	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.002
6	10.80	10.78	0.00271	0.00	0.00149	0.15	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
7	10.78	10.76	0.00269	0.00	0.00148	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
8	10.76	10.74	0.00267	0.00	0.00147	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
9	10.74	10.72	0.00265	0.00	0.00146	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
10	10.72	10.70	0.00263	0.00	0.00145	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
11	10.70	10.68	0.00261	0.00	0.00144	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
12	10.68	10.66	0.00259	0.00	0.00143	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
13	10.66	10.64	0.00257	0.00	0.00142	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
14	10.64	10.62	0.00255	0.00	0.00141	0.16	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
15	10.62	10.60	0.00253	0.00	0.00139	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
16	10.60	10.58	0.00251	0.00	0.00138	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
17	10.58	10.56	0.00249	0.00	0.00137	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
18	10.56	10.54	0.00247	0.00	0.00136	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
19	10.54	10.52	0.00244	0.00	0.00135	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
20	10.52	10.50	0.00242	0.00	0.00134	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
21	10.50	10.48	0.00240	0.00	0.00133	0.17	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
22	10.48	10.46	0.00238	0.00	0.00132	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
23	10.46	10.44	0.00236	0.00	0.00130	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
24	10.44	10.42	0.00234	0.00	0.00129	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
25	10.42	10.40	0.00232	0.00	0.00128	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
26	10.40	10.38	0.00230	0.00	0.00127	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
27	10.38	10.36	0.00228	0.00	0.00126	0.18	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
28	10.36	10.34	0.00226	0.00	0.00125	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
29	10.34	10.32	0.00224	0.00	0.00124	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
30	10.32	10.30	0.00222	0.00	0.00123	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
31	10.30	10.28	0.00220	0.00	0.00122	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
32	10.28	10.26	0.00218	0.00	0.00120	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
33	10.26	10.24	0.00216	0.00	0.00119	0.19	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
34	10.24	10.22	0.00214	0.00	0.00118	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
35	10.22	10.20	0.00212	0.00	0.00117	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
36	10.20	10.18	0.00210	0.00	0.00116	0.20	0.23	7.93	36.23	158.50	1.81	0.00	0.000	0.001	0.001
TOT						6.20			1304.39	5706.00					
AVG				0.00135			0.23	7.93			1.81				
CUM						6.20									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
1	10.880	9.77	2.85	0.13	0.09	0.00	1.89	2.05	2.05	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.08	0.05
2	10.860	9.77	2.85	0.13	0.09	0.00	1.89	2.05	2.05	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.08	0.05
3	10.840	9.77	2.85	0.13	0.09	0.00	1.89	2.05	2.05	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.08	0.05





Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
37	10.18	10.16	0.00208	0.00	0.00088	0.26	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
38	10.16	10.14	0.00206	0.00	0.00087	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
39	10.14	10.12	0.00204	0.00	0.00086	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
40	10.12	10.10	0.00202	0.00	0.00085	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
41	10.10	10.08	0.00201	0.00	0.00085	0.27	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
42	10.08	10.06	0.00199	0.00	0.00084	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
43	10.06	10.04	0.00197	0.00	0.00083	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
44	10.04	10.02	0.00195	0.00	0.00082	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
45	10.02	10.00	0.00193	0.00	0.00081	0.28	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
46	10.00	9.98	0.00191	0.00	0.00081	0.29	0.23	10.36	47.38	207.26	2.37	0.00	0.000	0.000	0.001
TOT						2.75			473.80	2072.60					
AVG					0.00084		0.23	10.36			2.37				
CUM						8.95									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da
37	10.160	9.77	2.85	0.13	0.09	0.00	2.00	2.23	2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.08	0.05
38	10.140	9.77	2.85	0.13	0.09	0.00	2.00	2.22	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.08	0.05
39	10.120	9.77	2.85	0.13	0.09	0.00	2.00	2.22	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.08	0.05
40	10.100	9.77	2.85	0.13	0.09	0.00	2.00	2.21	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.08	0.05
41	10.080	9.77	2.85	0.13	0.09	0.00	2.00	2.20	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.08	0.05
42	10.060	9.77	2.85	0.13	0.09	0.00	2.00	2.20	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.08	0.05
43	10.040	9.77	2.85	0.13	0.09	0.00	2.00	2.19	2.19	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.00	0.00	0.08	0.05
44	10.020	9.77	2.85	0.13	0.09	0.00	2.00	2.18	2.18	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.08	0.05
45	10.000	9.77	2.85	0.13	0.09	0.00	2.00	2.18	2.18	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.08	0.05
46	9.980	9.77	2.85	0.13	0.09	0.00	2.00	2.17	2.17	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
20	DEG C RATE			0.15		0.00	2.49			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			3.06	0.10					0.00		0.00	0.00	0.00	0.00			0.00		0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
37	10.160	16.50	0.00	0.00	0.00	6.06	2.12	2.23	0.00	0.00	0.00	0.00	0.00	5.50	0.00	0.00	17.93
38	10.140	16.50	0.00	0.00	0.00	6.05	2.06	2.18	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	17.36
39	10.120	16.50	0.00	0.00	0.00	6.06	2.01	2.14	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	16.81











101	9.06	9.04	0.02955	94.04	0.00766	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
102	9.04	9.02	0.02953	94.04	0.00765	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
103	9.02	9.00	0.02951	94.04	0.00765	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
104	9.00	8.98	0.02949	94.04	0.00764	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
105	8.98	8.96	0.02947	94.04	0.00764	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
106	8.96	8.94	0.02945	94.04	0.00763	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
107	8.94	8.92	0.02943	94.04	0.00763	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
108	8.92	8.90	0.02941	94.04	0.00762	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
109	8.90	8.88	0.02939	94.04	0.00762	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
110	8.88	8.86	0.03112	94.38	0.00807	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
111	8.86	8.84	0.03110	94.38	0.00806	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
112	8.84	8.82	0.03108	94.38	0.00805	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
113	8.82	8.80	0.03106	94.38	0.00805	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
114	8.80	8.78	0.03104	94.38	0.00804	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
115	8.78	8.76	0.03102	94.38	0.00804	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
116	8.76	8.74	0.03100	94.38	0.00803	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
117	8.74	8.72	0.03098	94.38	0.00803	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
118	8.72	8.70	0.03096	94.38	0.00802	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
119	8.70	8.68	0.03094	94.38	0.00802	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
120	8.68	8.66	0.03092	94.38	0.00801	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
121	8.66	8.64	0.03090	94.38	0.00801	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
122	8.64	8.62	0.03088	94.38	0.00800	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
123	8.62	8.60	0.03086	94.38	0.00800	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
124	8.60	8.58	0.03084	94.38	0.00799	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
125	8.58	8.56	0.03082	94.38	0.00799	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
126	8.56	8.54	0.03080	94.38	0.00798	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
127	8.54	8.52	0.03078	94.38	0.00798	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
128	8.52	8.50	0.03076	94.38	0.00797	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
129	8.50	8.48	0.03074	94.38	0.00797	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
130	8.48	8.46	0.03072	94.38	0.00796	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
131	8.46	8.44	0.03070	94.38	0.00796	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
132	8.44	8.42	0.03068	94.38	0.00795	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
133	8.42	8.40	0.03066	94.38	0.00795	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
134	8.40	8.38	0.03064	94.38	0.00794	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
135	8.38	8.36	0.03062	94.38	0.00794	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
136	8.36	8.34	0.03060	94.38	0.00793	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
137	8.34	8.32	0.03058	94.38	0.00793	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
138	8.32	8.30	0.03056	94.38	0.00792	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
139	8.30	8.28	0.03054	94.38	0.00791	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
140	8.28	8.26	0.03052	94.38	0.00791	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
141	8.26	8.24	0.03050	94.38	0.00790	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
142	8.24	8.22	0.03048	94.38	0.00790	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
143	8.22	8.20	0.03046	94.38	0.00789	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
144	8.20	8.18	0.03044	94.38	0.00789	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
145	8.18	8.16	0.03042	94.38	0.00788	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
146	8.16	8.14	0.03040	94.38	0.00788	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
147	8.14	8.12	0.03038	94.38	0.00787	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
148	8.12	8.10	0.03036	94.38	0.00787	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
149	8.10	8.08	0.03034	94.38	0.00786	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
150	8.08	8.06	0.03032	94.38	0.00786	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
151	8.06	8.04	0.03030	94.38	0.00785	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008

152	8.04	8.02	0.03028	94.38	0.00785	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
153	8.02	8.00	0.03026	94.38	0.00784	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
154	8.00	7.98	0.03024	94.38	0.00784	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
155	7.98	7.96	0.03022	94.38	0.00783	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
156	7.96	7.94	0.03020	94.38	0.00783	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
157	7.94	7.92	0.03018	94.38	0.00782	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
158	7.92	7.90	0.03016	94.38	0.00782	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
159	7.90	7.88	0.03014	94.38	0.00781	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
160	7.88	7.86	0.03012	94.38	0.00781	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
161	7.86	7.84	0.03010	94.38	0.00780	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
162	7.84	7.82	0.03008	94.38	0.00780	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
163	7.82	7.80	0.03006	94.38	0.00779	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
164	7.80	7.78	0.03004	94.38	0.00779	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
165	7.78	7.76	0.03002	94.38	0.00778	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
166	7.76	7.74	0.03000	94.38	0.00777	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
167	7.74	7.72	0.02998	94.38	0.00777	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
168	7.72	7.70	0.02996	94.38	0.00776	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
169	7.70	7.68	0.02994	94.38	0.00776	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
170	7.68	7.66	0.02992	94.38	0.00775	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
171	7.66	7.64	0.02990	94.38	0.00775	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
172	7.64	7.62	0.02988	94.38	0.00774	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
173	7.62	7.60	0.02986	94.38	0.00774	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
174	7.60	7.58	0.02984	94.38	0.00773	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
175	7.58	7.56	0.02982	94.38	0.00773	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
176	7.56	7.54	0.02980	94.38	0.00772	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
177	7.54	7.52	0.02978	94.38	0.00772	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
178	7.52	7.50	0.02976	94.38	0.00771	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
179	7.50	7.48	0.02974	94.38	0.00771	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
180	7.48	7.46	0.02972	94.38	0.00770	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
181	7.46	7.44	0.02970	94.38	0.00770	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
182	7.44	7.42	0.02968	94.38	0.00769	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
183	7.42	7.40	0.02966	94.38	0.00769	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
184	7.40	7.38	0.02964	94.38	0.00768	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
185	7.38	7.36	0.02962	94.38	0.00768	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
186	7.36	7.34	0.02960	94.38	0.00767	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
187	7.34	7.32	0.02958	94.38	0.00767	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
188	7.32	7.30	0.02956	94.38	0.00766	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
189	7.30	7.28	0.02954	94.38	0.00766	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
190	7.28	7.26	0.02952	94.38	0.00765	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
191	7.26	7.24	0.02950	94.38	0.00765	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
192	7.24	7.22	0.02948	94.38	0.00764	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
193	7.22	7.20	0.02946	94.38	0.00763	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
194	7.20	7.18	0.02944	94.38	0.00763	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
195	7.18	7.16	0.02942	94.38	0.00762	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
196	7.16	7.14	0.02940	94.38	0.00762	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
197	7.14	7.12	0.02938	94.38	0.00761	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
198	7.12	7.10	0.02936	94.38	0.00761	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
199	7.10	7.08	0.02934	94.38	0.00760	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
200	7.08	7.06	0.02932	94.38	0.00760	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
201	7.06	7.04	0.02930	94.38	0.00759	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
202	7.04	7.02	0.02928	94.38	0.00759	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008

203	7.02	7.00	0.02926	94.38	0.00758	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
204	7.00	6.98	0.02924	94.38	0.00758	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
205	6.98	6.96	0.02922	94.38	0.00757	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
206	6.96	6.94	0.02920	94.38	0.00757	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
207	6.94	6.92	0.02918	94.38	0.00756	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
208	6.92	6.90	0.02916	94.38	0.00756	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
209	6.90	6.88	0.02914	94.38	0.00755	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
210	6.88	6.86	0.02912	94.38	0.00755	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
211	6.86	6.84	0.02910	94.38	0.00754	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
212	6.84	6.82	0.02908	94.38	0.00754	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
213	6.82	6.80	0.02906	94.38	0.00753	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
214	6.80	6.78	0.02904	94.38	0.00753	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
215	6.78	6.76	0.02902	94.38	0.00752	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
216	6.76	6.74	0.02900	94.38	0.00752	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
217	6.74	6.72	0.02898	94.38	0.00751	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
218	6.72	6.70	0.02896	94.38	0.00751	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
219	6.70	6.68	0.02894	94.38	0.00750	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.008
220	6.68	6.66	0.02892	94.38	0.00750	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
221	6.66	6.64	0.02890	94.38	0.00749	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
222	6.64	6.62	0.02888	94.38	0.00748	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
223	6.62	6.60	0.02886	94.38	0.00748	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
224	6.60	6.58	0.02884	94.38	0.00747	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
225	6.58	6.56	0.02882	94.38	0.00747	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
226	6.56	6.54	0.02880	94.38	0.00746	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
227	6.54	6.52	0.02878	94.38	0.00746	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
228	6.52	6.50	0.02876	94.38	0.00745	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
229	6.50	6.48	0.02874	94.38	0.00745	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
230	6.48	6.46	0.02872	94.38	0.00744	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
231	6.46	6.44	0.02870	94.38	0.00744	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
232	6.44	6.42	0.02868	94.38	0.00743	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
233	6.42	6.40	0.02866	94.38	0.00743	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
234	6.40	6.38	0.02864	94.38	0.00742	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
235	6.38	6.36	0.02862	94.38	0.00742	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
236	6.36	6.34	0.02860	94.38	0.00741	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
237	6.34	6.32	0.02858	94.38	0.00741	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
238	6.32	6.30	0.02856	94.38	0.00740	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
239	6.30	6.28	0.02854	94.38	0.00740	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
240	6.28	6.26	0.02852	94.38	0.00739	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
241	6.26	6.24	0.02850	94.38	0.00739	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
242	6.24	6.22	0.02848	94.38	0.00738	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007
243	6.22	6.20	0.02846	94.38	0.00738	0.03	0.41	9.45	77.18	188.98	3.86	0.00	0.000	0.002	0.007

TOT						4.53			11654.09	28536.03					
AVG					0.00771		0.41	9.45			3.86				
CUM						20.37									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECA	CBOD SETT	ANBOD DECA	BKGD SOD	FULL SOD	CORR SOD	ORGN DECA	ORGN SETT	NH3 DECA	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECA	NCM DECA	NCM SETT
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20 DEG C RATE                    0.15                    0.00   1.50                    0.00                    0.00   0.00   0.00   0.00   0.00                    0.00   0.10  
 AVG 20 DEG C RATE            1.90                    0.10                    0.00                    0.00                    0.00   0.00   0.00   0.00   0.00                    0.05

\* g/sq m/d                    \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
93	9.200	16.50	0.00	0.00	0.00	7.45	4.88	5.08	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.83
94	9.180	16.50	0.00	0.00	0.00	7.47	4.89	5.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.83
95	9.160	16.50	0.00	0.00	0.00	7.49	4.91	5.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.84
96	9.140	16.50	0.00	0.00	0.00	7.50	4.92	5.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.85
97	9.120	16.50	0.00	0.00	0.00	7.52	4.94	5.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.86
98	9.100	16.50	0.00	0.00	0.00	7.53	4.96	5.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.87
99	9.080	16.50	0.00	0.00	0.00	7.55	4.97	5.17	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.88
100	9.060	16.50	0.00	0.00	0.00	7.56	4.99	5.19	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.88
101	9.040	16.50	0.00	0.00	0.00	7.57	5.00	5.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.89
102	9.020	16.50	0.00	0.00	0.00	7.58	5.02	5.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.90
103	9.000	16.50	0.00	0.00	0.00	7.59	5.03	5.23	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.91
104	8.980	16.50	0.00	0.00	0.00	7.60	5.05	5.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.92
105	8.960	16.50	0.00	0.00	0.00	7.61	5.06	5.26	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.93
106	8.940	16.50	0.00	0.00	0.00	7.62	5.08	5.28	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.93
107	8.920	16.50	0.00	0.00	0.00	7.63	5.09	5.29	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.94
108	8.900	16.50	0.00	0.00	0.00	7.64	5.11	5.31	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	4.95
109	8.880	16.50	0.00	0.00	0.00	7.64	5.18	5.38	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	5.01
110	8.860	16.50	0.00	0.00	0.00	7.32	8.70	8.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.30
111	8.840	16.50	0.00	0.00	0.00	7.31	8.69	8.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.30
112	8.820	16.50	0.00	0.00	0.00	7.30	8.68	8.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.29
113	8.800	16.50	0.00	0.00	0.00	7.29	8.68	8.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.29
114	8.780	16.50	0.00	0.00	0.00	7.28	8.67	8.87	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.28
115	8.760	16.50	0.00	0.00	0.00	7.27	8.66	8.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.28
116	8.740	16.50	0.00	0.00	0.00	7.27	8.65	8.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.28
117	8.720	16.50	0.00	0.00	0.00	7.26	8.64	8.84	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.27
118	8.700	16.50	0.00	0.00	0.00	7.25	8.63	8.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.27
119	8.680	16.50	0.00	0.00	0.00	7.25	8.62	8.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.26
120	8.660	16.50	0.00	0.00	0.00	7.24	8.62	8.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.26
121	8.640	16.50	0.00	0.00	0.00	7.24	8.61	8.81	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.25
122	8.620	16.50	0.00	0.00	0.00	7.23	8.60	8.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.25
123	8.600	16.50	0.00	0.00	0.00	7.23	8.59	8.79	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.25
124	8.580	16.50	0.00	0.00	0.00	7.22	8.58	8.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.24
125	8.560	16.50	0.00	0.00	0.00	7.22	8.58	8.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.24
126	8.540	16.50	0.00	0.00	0.00	7.21	8.57	8.77	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.23
127	8.520	16.50	0.00	0.00	0.00	7.21	8.56	8.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.23
128	8.500	16.50	0.00	0.00	0.00	7.21	8.55	8.75	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.23
129	8.480	16.50	0.00	0.00	0.00	7.20	8.54	8.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.22
130	8.460	16.50	0.00	0.00	0.00	7.20	8.54	8.74	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.22
131	8.440	16.50	0.00	0.00	0.00	7.20	8.53	8.73	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	8.21







259	5.90	5.88	0.07254	97.80	0.01838	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
260	5.88	5.86	0.07252	97.80	0.01837	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
261	5.86	5.84	0.07250	97.80	0.01837	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
262	5.84	5.82	0.07248	97.80	0.01836	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
263	5.82	5.80	0.07246	97.80	0.01836	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
264	5.80	5.78	0.07244	97.80	0.01835	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
265	5.78	5.76	0.07242	97.80	0.01835	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
266	5.76	5.74	0.07240	97.80	0.01834	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
267	5.74	5.72	0.07238	97.80	0.01834	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
268	5.72	5.70	0.07236	97.80	0.01833	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
269	5.70	5.68	0.07234	97.80	0.01833	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
270	5.68	5.66	0.07232	97.80	0.01832	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
271	5.66	5.64	0.07230	97.80	0.01832	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
272	5.64	5.62	0.07228	97.80	0.01831	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
273	5.62	5.60	0.07226	97.80	0.01831	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
274	5.60	5.58	0.07224	97.80	0.01830	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
275	5.58	5.56	0.07222	97.80	0.01830	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
276	5.56	5.54	0.07220	97.80	0.01829	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
277	5.54	5.52	0.07218	97.80	0.01829	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
278	5.52	5.50	0.07216	97.80	0.01828	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
279	5.50	5.48	0.07214	97.80	0.01828	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
280	5.48	5.46	0.07212	97.80	0.01827	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
281	5.46	5.44	0.07210	97.80	0.01827	0.01	0.36	10.97	78.94	219.46	3.95	0.00	0.000	0.031	0.018
TOT							0.48			2999.71	8339.48				
AVG					0.01836			0.36	10.97					3.95	
CUM							20.85								

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
244	6.180	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
245	6.160	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
246	6.140	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
247	6.120	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
248	6.100	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
249	6.080	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
250	6.060	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
251	6.040	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
252	6.020	9.77	2.40	0.13	0.09	0.00	0.00	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
253	6.000	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
254	5.980	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
255	5.960	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
256	5.940	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
257	5.920	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
258	5.900	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
259	5.880	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05

260	5.860	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
261	5.840	9.77	2.40	0.13	0.09	0.00	0.00	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
262	5.820	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
263	5.800	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
264	5.780	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
265	5.760	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
266	5.740	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
267	5.720	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
268	5.700	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
269	5.680	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
270	5.660	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
271	5.640	9.77	2.40	0.13	0.09	0.00	0.00	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
272	5.620	9.77	2.40	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
273	5.600	9.77	2.40	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
274	5.580	9.77	2.40	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
275	5.560	9.77	2.40	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
276	5.540	9.77	2.40	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
277	5.520	9.77	2.39	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
278	5.500	9.77	2.39	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
279	5.480	9.77	2.39	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
280	5.460	9.77	2.39	0.13	0.09	0.00	0.00	1.55	1.55	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
281	5.440	9.77	2.39	0.13	0.09	0.00	0.00	1.56	1.56	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE	2.58				0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
244	6.180	16.50	0.00	0.00	0.00	5.86	31.14	31.34	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.27
245	6.160	16.50	0.00	0.00	0.00	5.86	31.17	31.37	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.27
246	6.140	16.50	0.00	0.00	0.00	5.86	31.20	31.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.28
247	6.120	16.50	0.00	0.00	0.00	5.86	31.23	31.43	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.29
248	6.100	16.50	0.00	0.00	0.00	5.86	31.26	31.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.29
249	6.080	16.50	0.00	0.00	0.00	5.86	31.29	31.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.30
250	6.060	16.50	0.00	0.00	0.00	5.86	31.32	31.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.31
251	6.040	16.50	0.00	0.00	0.00	5.86	31.35	31.55	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.31
252	6.020	16.50	0.00	0.00	0.00	5.86	31.38	31.58	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.32
253	6.000	16.50	0.00	0.00	0.00	5.86	31.41	31.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.33
254	5.980	16.50	0.00	0.00	0.00	5.86	31.44	31.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.33
255	5.960	16.50	0.00	0.00	0.00	5.86	31.47	31.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.34
256	5.940	16.50	0.00	0.00	0.00	5.86	31.50	31.70	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.35
257	5.920	16.50	0.00	0.00	0.00	5.86	31.53	31.73	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.35
258	5.900	16.50	0.00	0.00	0.00	5.86	31.56	31.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.36
259	5.880	16.50	0.00	0.00	0.00	5.86	31.59	31.79	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.37
260	5.860	16.50	0.00	0.00	0.00	5.86	31.62	31.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.37



287	5.34	5.32	0.07198	97.80	0.01504	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
288	5.32	5.30	0.07196	97.80	0.01504	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
289	5.30	5.28	0.07194	97.80	0.01503	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
290	5.28	5.26	0.07192	97.80	0.01503	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
291	5.26	5.24	0.07190	97.80	0.01502	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
TOT						0.15			957.26	1950.80					
AVG					0.01504		0.49	9.75			4.79				
CUM						21.00									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAT 1/da	CBOD SETT 1/da	ANBOD DECAT 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAT 1/da	ORGN SETT 1/da	NH3 DECAT 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAT 1/da	NCM DECAT 1/da	NCM SETT 1/da
282	5.420	9.77	1.67	0.13	0.09	0.00	0.00	2.12	2.12	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
283	5.400	9.77	1.67	0.13	0.09	0.00	0.00	2.12	2.12	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
284	5.380	9.77	1.67	0.13	0.09	0.00	0.00	2.11	2.11	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
285	5.360	9.77	1.67	0.13	0.09	0.00	0.00	2.11	2.11	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
286	5.340	9.77	1.67	0.13	0.09	0.00	0.00	2.11	2.11	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
287	5.320	9.77	1.67	0.13	0.09	0.00	0.00	2.10	2.10	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
288	5.300	9.77	1.67	0.13	0.09	0.00	0.00	2.10	2.10	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
289	5.280	9.77	1.67	0.13	0.09	0.00	0.00	2.10	2.10	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
290	5.260	9.77	1.67	0.13	0.09	0.00	0.00	2.09	2.09	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
291	5.240	9.77	1.67	0.13	0.09	0.00	0.00	2.09	2.09	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			1.79		0.10					0.00										0.05

\* g/sq m/d      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
282	5.420	16.50	0.00	0.00	0.00	5.78	32.16	32.36	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.49
283	5.400	16.50	0.00	0.00	0.00	5.74	32.10	32.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.47
284	5.380	16.50	0.00	0.00	0.00	5.70	32.04	32.24	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.44
285	5.360	16.50	0.00	0.00	0.00	5.66	31.98	32.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.42
286	5.340	16.50	0.00	0.00	0.00	5.62	31.92	32.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.40
287	5.320	16.50	0.00	0.00	0.00	5.58	31.87	32.07	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.37
288	5.300	16.50	0.00	0.00	0.00	5.54	31.81	32.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.35
289	5.280	16.50	0.00	0.00	0.00	5.51	31.75	31.95	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.33
290	5.260	16.50	0.00	0.00	0.00	5.47	31.69	31.89	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.31
291	5.240	16.50	0.00	0.00	0.00	5.44	31.63	31.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.28

\* CM-I = CHLORIDES

CM-II = SULFATES

NCM = NBOD

MG/L  
 \*\* g/cu m

MG/L

MG/L

FINAL REPORT B CHAUVIN @ HWY 139 BAYOU CHAUVIN PROJECTION  
 REACH NO. 10 W ELMWOOD DITCH TO ALM RR

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
328	UPR RCH	0.07190	16.50	0.00	0.00	0.00	5.44	31.63	31.83	0.00	0.00	0.00	0.00	10.00	0.00	29.28
328	TRIB	0.00028	16.50	0.00	0.00	0.00	7.21	20.66	20.86	0.00	0.00	0.00	0.00	10.00	0.00	19.42
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
328	5.24	5.22	0.07217	97.42	0.01508	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
329	5.22	5.20	0.07215	97.42	0.01507	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
330	5.20	5.18	0.07213	97.42	0.01507	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
331	5.18	5.16	0.07210	97.42	0.01506	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
332	5.16	5.14	0.07208	97.42	0.01506	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
333	5.14	5.12	0.07206	97.42	0.01506	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
334	5.12	5.10	0.07204	97.42	0.01505	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
335	5.10	5.08	0.07202	97.42	0.01505	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
336	5.08	5.06	0.07200	97.42	0.01504	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
337	5.06	5.04	0.07198	97.42	0.01504	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
338	5.04	5.02	0.07196	97.42	0.01504	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
339	5.02	5.00	0.07194	97.42	0.01503	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
340	5.00	4.98	0.07192	97.42	0.01503	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
341	4.98	4.96	0.07190	97.42	0.01502	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
342	4.96	4.94	0.07188	97.42	0.01502	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
343	4.94	4.92	0.07186	97.42	0.01501	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
344	4.92	4.90	0.07184	97.42	0.01501	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
345	4.90	4.88	0.07182	97.42	0.01501	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
346	4.88	4.86	0.07180	97.42	0.01500	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
347	4.86	4.84	0.07178	97.42	0.01500	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
348	4.84	4.82	0.07176	97.42	0.01499	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
349	4.82	4.80	0.07174	97.42	0.01499	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
350	4.80	4.78	0.07172	97.42	0.01498	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
351	4.78	4.76	0.07170	97.42	0.01498	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
352	4.76	4.74	0.07168	97.42	0.01498	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
353	4.74	4.72	0.07166	97.42	0.01497	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
354	4.72	4.70	0.07164	97.42	0.01497	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

355	4.70	4.68	0.07162	97.42	0.01496	0.02	0.49	9.75	95.73	195.08	4.79	0.00	0.000	0.010	0.015
TOT						0.43			2680.32	5462.24					
AVG					0.01502		0.49	9.75			4.79				
CUM						21.43									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECAy 1/da	CBOD SETT 1/da	ANBOD DECAy 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECAy 1/da	ORGN SETT 1/da	NH3 DECAy 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECAy 1/da	NCM DECAy 1/da	NCM SETT 1/da
328	5.220	9.77	1.67	0.13	0.09	0.00	0.00	2.08	2.08	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
329	5.200	9.77	1.67	0.13	0.09	0.00	0.00	2.08	2.08	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
330	5.180	9.77	1.67	0.13	0.09	0.00	0.00	2.07	2.07	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
331	5.160	9.77	1.67	0.13	0.09	0.00	0.00	2.07	2.07	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
332	5.140	9.77	1.67	0.13	0.09	0.00	0.00	2.07	2.07	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
333	5.120	9.77	1.67	0.13	0.09	0.00	0.00	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
334	5.100	9.77	1.67	0.13	0.09	0.00	0.00	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
335	5.080	9.77	1.67	0.13	0.09	0.00	0.00	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
336	5.060	9.77	1.67	0.13	0.09	0.00	0.00	2.06	2.06	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
337	5.040	9.77	1.67	0.13	0.09	0.00	0.00	2.05	2.05	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
338	5.020	9.77	1.67	0.13	0.09	0.00	0.00	2.05	2.05	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
339	5.000	9.77	1.67	0.13	0.09	0.00	0.00	2.05	2.05	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
340	4.980	9.77	1.67	0.13	0.09	0.00	0.00	2.04	2.04	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
341	4.960	9.77	1.67	0.13	0.09	0.00	0.00	2.04	2.04	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
342	4.940	9.77	1.67	0.13	0.09	0.00	0.00	2.04	2.04	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
343	4.920	9.77	1.67	0.13	0.09	0.00	0.00	2.03	2.03	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
344	4.900	9.77	1.67	0.13	0.09	0.00	0.00	2.03	2.03	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
345	4.880	9.77	1.67	0.13	0.09	0.00	0.00	2.03	2.03	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
346	4.860	9.77	1.67	0.13	0.09	0.00	0.00	2.03	2.03	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
347	4.840	9.77	1.67	0.13	0.09	0.00	0.00	2.02	2.02	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
348	4.820	9.77	1.67	0.13	0.09	0.00	0.00	2.02	2.02	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
349	4.800	9.77	1.67	0.13	0.09	0.00	0.00	2.02	2.02	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
350	4.780	9.77	1.67	0.13	0.09	0.00	0.00	2.01	2.01	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
351	4.760	9.77	1.67	0.13	0.09	0.00	0.00	2.01	2.01	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
352	4.740	9.77	1.67	0.13	0.09	0.00	0.00	2.01	2.01	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
353	4.720	9.77	1.67	0.13	0.09	0.00	0.00	2.01	2.01	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
354	4.700	9.77	1.67	0.13	0.09	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
355	4.680	9.77	1.67	0.13	0.09	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00				0.00	0.10	
AVG 20 DEG C RATE			1.79		0.10						0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM	ENDING	TEMP	SALN	CM-I	CM-II	DO	BOD	EBOD	ORGN	NH3	NO3+2	TOTN	PHOS	CHL A	MACRO	COLI	NCM
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NO.	DIST	DEG C	PPT	*	*	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	**	#/100mL	*
328	5.220	16.50	0.00	0.00	0.00	5.42	31.47	31.67	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.15
329	5.200	16.50	0.00	0.00	0.00	5.39	31.42	31.62	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.12
330	5.180	16.50	0.00	0.00	0.00	5.36	31.37	31.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.09
331	5.160	16.50	0.00	0.00	0.00	5.33	31.32	31.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.06
332	5.140	16.50	0.00	0.00	0.00	5.30	31.27	31.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.03
333	5.120	16.50	0.00	0.00	0.00	5.27	31.21	31.41	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	29.00
334	5.100	16.50	0.00	0.00	0.00	5.25	31.16	31.36	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.97
335	5.080	16.50	0.00	0.00	0.00	5.22	31.11	31.31	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.94
336	5.060	16.50	0.00	0.00	0.00	5.20	31.06	31.26	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.91
337	5.040	16.50	0.00	0.00	0.00	5.17	31.01	31.21	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.88
338	5.020	16.50	0.00	0.00	0.00	5.15	30.96	31.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.85
339	5.000	16.50	0.00	0.00	0.00	5.13	30.91	31.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.82
340	4.980	16.50	0.00	0.00	0.00	5.10	30.86	31.06	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.79
341	4.960	16.50	0.00	0.00	0.00	5.08	30.81	31.01	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.76
342	4.940	16.50	0.00	0.00	0.00	5.06	30.76	30.96	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.73
343	4.920	16.50	0.00	0.00	0.00	5.04	30.71	30.91	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.70
344	4.900	16.50	0.00	0.00	0.00	5.03	30.66	30.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.67
345	4.880	16.50	0.00	0.00	0.00	5.01	30.61	30.81	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.64
346	4.860	16.50	0.00	0.00	0.00	4.99	30.56	30.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.61
347	4.840	16.50	0.00	0.00	0.00	4.97	30.51	30.71	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.58
348	4.820	16.50	0.00	0.00	0.00	4.96	30.46	30.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.55
349	4.800	16.50	0.00	0.00	0.00	4.94	30.41	30.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.52
350	4.780	16.50	0.00	0.00	0.00	4.93	30.36	30.56	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.49
351	4.760	16.50	0.00	0.00	0.00	4.91	30.31	30.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.46
352	4.740	16.50	0.00	0.00	0.00	4.90	30.26	30.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.43
353	4.720	16.50	0.00	0.00	0.00	4.88	30.22	30.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.40
354	4.700	16.50	0.00	0.00	0.00	4.87	30.17	30.37	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.37
355	4.680	16.50	0.00	0.00	0.00	4.87	30.12	30.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	28.34

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 11 ALM RR TO NORTH MONROE DITCH

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
356	UPR RCH	0.07162	16.50	0.00	0.00	0.00	4.87	30.12	30.32	0.00	0.00	0.00	0.00	10.00	0.00	28.34
EACH	INCR	0.0000														

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*





432	4.36	4.34	0.07726	97.25	0.01848	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
433	4.34	4.32	0.07724	97.25	0.01848	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
434	4.32	4.30	0.07722	97.25	0.01847	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
435	4.30	4.28	0.07720	97.25	0.01847	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
436	4.28	4.26	0.07718	97.25	0.01846	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
437	4.26	4.24	0.07716	97.25	0.01846	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
438	4.24	4.22	0.07714	97.25	0.01845	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
439	4.22	4.20	0.07712	97.25	0.01845	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
440	4.20	4.18	0.07710	97.25	0.01844	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
441	4.18	4.16	0.07708	97.25	0.01844	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
442	4.16	4.14	0.07706	97.25	0.01843	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
443	4.14	4.12	0.07704	97.25	0.01843	0.01	0.27	15.24	83.61	304.80	4.18	0.00	0.000	0.093	0.018
TOT									1003.28	3657.60					
AVG					0.01846			0.27	15.24					4.18	
CUM								21.76							

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
432	4.340	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.08	0.05
433	4.320	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.08	0.05
434	4.300	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.08	0.05
435	4.280	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.08	0.05
436	4.260	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00	0.08	0.05
437	4.240	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.08	0.05
438	4.220	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.08	0.05
439	4.200	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.08	0.05
440	4.180	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.08	0.05
441	4.160	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.08	0.05
442	4.140	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.08	0.05
443	4.120	9.77	3.15	0.13	0.09	0.00	0.10	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
20 DEG C RATE				0.15		0.00	0.12			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			3.38		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
432	4.340	16.50	0.00	0.00	0.00	5.86	33.28	33.47	0.00	0.00	0.00	0.00	0.00	9.58	0.00	0.00	31.16
433	4.320	16.50	0.00	0.00	0.00	5.88	33.29	33.47	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	31.17
434	4.300	16.50	0.00	0.00	0.00	5.90	33.30	33.47	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	31.18



\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECATY 1/da	CBOD SETT 1/da	ANBOD DECATY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECATY 1/da	ORGN SETT 1/da	NH3 DECATY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECATY 1/da	NCM DECATY 1/da	NCM SETT 1/da
444	4.100	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
445	4.080	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
446	4.060	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
447	4.040	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
448	4.020	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
449	4.000	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
450	3.980	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
451	3.960	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
452	3.940	9.77	4.77	0.13	0.09	0.00	0.80	1.99	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
453	3.920	9.77	4.77	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
454	3.900	9.77	4.77	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
455	3.880	9.77	4.77	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
456	3.860	9.77	4.77	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
20 DEG C RATE				0.15		0.00	1.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			5.13		0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
444	4.100	16.50	0.00	0.00	0.00	6.05	33.34	33.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.22
445	4.080	16.50	0.00	0.00	0.00	6.07	33.31	33.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.21
446	4.060	16.50	0.00	0.00	0.00	6.08	33.27	33.37	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.19
447	4.040	16.50	0.00	0.00	0.00	6.10	33.24	33.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.17
448	4.020	16.50	0.00	0.00	0.00	6.12	33.21	33.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.15
449	4.000	16.50	0.00	0.00	0.00	6.14	33.17	33.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.13
450	3.980	16.50	0.00	0.00	0.00	6.16	33.14	33.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.11
451	3.960	16.50	0.00	0.00	0.00	6.17	33.10	33.20	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.09
452	3.940	16.50	0.00	0.00	0.00	6.19	33.07	33.17	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.08
453	3.920	16.50	0.00	0.00	0.00	6.21	33.03	33.13	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.06
454	3.900	16.50	0.00	0.00	0.00	6.22	33.00	33.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.04
455	3.880	16.50	0.00	0.00	0.00	6.24	32.96	33.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	31.02
456	3.860	16.50	0.00	0.00	0.00	6.25	32.92	33.02	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.99

\* CM-I = CHLORIDES MG/L                      CM-II = SULFATES MG/L                      NCM = NBOD MG/L  
 \*\* g/cu m

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

FINAL REPORT B CHAUVIN @ HWY 139  
 REACH NO. 16 N GATE DITCH TO NORTHSIDE DITCH

BAYOU CHAUVIN PROJECTION

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
517	UPR RCH	0.07704	16.50	0.00	0.00	0.00	6.25	32.92	33.02	0.00	0.00	0.00	0.00	5.00	0.00	30.99
517	TRIB	0.00028	16.50	0.00	0.00	0.00	8.23	16.45	16.55	0.00	0.00	0.00	0.00	5.00	0.00	15.94

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
517	3.86	3.84	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
518	3.84	3.82	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
519	3.82	3.80	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
520	3.80	3.78	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
521	3.78	3.76	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
522	3.76	3.74	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
523	3.74	3.72	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
524	3.72	3.70	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
525	3.70	3.68	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
526	3.68	3.66	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
527	3.66	3.64	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
528	3.64	3.62	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
529	3.62	3.60	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
530	3.60	3.58	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
531	3.58	3.56	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
532	3.56	3.54	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
533	3.54	3.52	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
534	3.52	3.50	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
535	3.50	3.48	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
536	3.48	3.46	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
537	3.46	3.44	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
538	3.44	3.42	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
539	3.42	3.40	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
540	3.40	3.38	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
541	3.38	3.36	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
542	3.36	3.34	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
543	3.34	3.32	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
544	3.32	3.30	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
545	3.30	3.28	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
546	3.28	3.26	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
547	3.26	3.24	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
548	3.24	3.22	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048

549	3.22	3.20	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
550	3.20	3.18	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
551	3.18	3.16	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
552	3.16	3.14	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
553	3.14	3.12	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
554	3.12	3.10	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
555	3.10	3.08	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
556	3.08	3.06	0.07732	96.90	0.04850	0.00	0.27	6.01	31.89	120.16	1.59	0.00	0.000	0.078	0.048
TOT							0.19			1275.50	4806.34				
AVG					0.04850		0.27	6.01				1.59			
CUM							22.01								

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECY 1/da	CBOD SETT 1/da	ANBOD DECY 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECY 1/da	ORGN SETT 1/da	NH3 DECY 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECY 1/da	NCM DECY 1/da	NCM SETT 1/da
517	3.840	9.77	4.76	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
518	3.820	9.77	4.76	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
519	3.800	9.77	4.76	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
520	3.780	9.77	4.76	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
521	3.760	9.77	4.76	0.13	0.09	0.00	0.80	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
522	3.740	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
523	3.720	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
524	3.700	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
525	3.680	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
526	3.660	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
527	3.640	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
528	3.620	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
529	3.600	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
530	3.580	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
531	3.560	9.77	4.76	0.13	0.09	0.00	0.80	1.97	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
532	3.540	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
533	3.520	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
534	3.500	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
535	3.480	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
536	3.460	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
537	3.440	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
538	3.420	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
539	3.400	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
540	3.380	9.77	4.76	0.13	0.09	0.00	0.80	1.96	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
541	3.360	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
542	3.340	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
543	3.320	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
544	3.300	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
545	3.280	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
546	3.260	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
547	3.240	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

548	3.220	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
549	3.200	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
550	3.180	9.77	4.76	0.13	0.09	0.00	0.80	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
551	3.160	9.77	4.76	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
552	3.140	9.77	4.76	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
553	3.120	9.77	4.76	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
554	3.100	9.77	4.76	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
555	3.080	9.77	4.76	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
556	3.060	9.77	4.76	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05

20 DEG C RATE				0.15		0.00	1.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE	5.11				0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
517	3.840	16.50	0.00	0.00	0.00	6.28	32.79	32.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.89
518	3.820	16.50	0.00	0.00	0.00	6.30	32.75	32.85	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.87
519	3.800	16.50	0.00	0.00	0.00	6.31	32.72	32.82	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.85
520	3.780	16.50	0.00	0.00	0.00	6.32	32.68	32.78	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.83
521	3.760	16.50	0.00	0.00	0.00	6.34	32.65	32.75	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.81
522	3.740	16.50	0.00	0.00	0.00	6.35	32.61	32.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.79
523	3.720	16.50	0.00	0.00	0.00	6.36	32.58	32.68	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.78
524	3.700	16.50	0.00	0.00	0.00	6.38	32.55	32.65	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.76
525	3.680	16.50	0.00	0.00	0.00	6.39	32.51	32.61	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.74
526	3.660	16.50	0.00	0.00	0.00	6.40	32.48	32.58	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.72
527	3.640	16.50	0.00	0.00	0.00	6.41	32.44	32.54	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.70
528	3.620	16.50	0.00	0.00	0.00	6.43	32.41	32.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.68
529	3.600	16.50	0.00	0.00	0.00	6.44	32.38	32.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.67
530	3.580	16.50	0.00	0.00	0.00	6.45	32.34	32.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.65
531	3.560	16.50	0.00	0.00	0.00	6.46	32.31	32.41	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.63
532	3.540	16.50	0.00	0.00	0.00	6.47	32.27	32.37	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.61
533	3.520	16.50	0.00	0.00	0.00	6.48	32.24	32.34	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.59
534	3.500	16.50	0.00	0.00	0.00	6.49	32.21	32.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.57
535	3.480	16.50	0.00	0.00	0.00	6.50	32.17	32.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.56
536	3.460	16.50	0.00	0.00	0.00	6.51	32.14	32.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.54
537	3.440	16.50	0.00	0.00	0.00	6.52	32.11	32.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.52
538	3.420	16.50	0.00	0.00	0.00	6.53	32.07	32.17	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.50
539	3.400	16.50	0.00	0.00	0.00	6.54	32.04	32.14	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.48
540	3.380	16.50	0.00	0.00	0.00	6.55	32.00	32.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.46
541	3.360	16.50	0.00	0.00	0.00	6.56	31.97	32.07	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.45
542	3.340	16.50	0.00	0.00	0.00	6.57	31.94	32.04	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.43
543	3.320	16.50	0.00	0.00	0.00	6.58	31.90	32.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.41
544	3.300	16.50	0.00	0.00	0.00	6.59	31.87	31.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.39
545	3.280	16.50	0.00	0.00	0.00	6.60	31.84	31.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.37
546	3.260	16.50	0.00	0.00	0.00	6.61	31.80	31.90	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.36



Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

642	2.76	2.74	0.07813	95.90	0.04846	0.00	0.27	6.03	32.24	120.54	1.61	0.00	0.000	0.075	0.048
643	2.74	2.72	0.07816	95.86	0.04846	0.00	0.27	6.03	32.26	120.56	1.61	0.00	0.000	0.075	0.048
644	2.72	2.70	0.07819	95.82	0.04846	0.00	0.27	6.03	32.27	120.58	1.61	0.00	0.000	0.075	0.048
645	2.70	2.68	0.07823	95.78	0.04846	0.00	0.27	6.03	32.29	120.59	1.61	0.00	0.000	0.075	0.048
646	2.68	2.66	0.07826	95.74	0.04846	0.00	0.27	6.03	32.30	120.61	1.61	0.00	0.000	0.075	0.048
647	2.66	2.64	0.07829	95.70	0.04846	0.00	0.27	6.03	32.31	120.62	1.62	0.00	0.000	0.075	0.048
648	2.64	2.62	0.07832	95.66	0.04845	0.00	0.27	6.03	32.33	120.64	1.62	0.00	0.000	0.075	0.048
649	2.62	2.60	0.07836	95.62	0.04845	0.00	0.27	6.03	32.34	120.65	1.62	0.00	0.000	0.075	0.048
650	2.60	2.58	0.07839	95.58	0.04845	0.00	0.27	6.03	32.36	120.67	1.62	0.00	0.000	0.075	0.048
651	2.58	2.56	0.07842	95.54	0.04845	0.00	0.27	6.03	32.37	120.69	1.62	0.00	0.000	0.075	0.048
652	2.56	2.54	0.07846	95.50	0.04845	0.00	0.27	6.04	32.39	120.70	1.62	0.00	0.000	0.075	0.048
653	2.54	2.52	0.07849	95.46	0.04845	0.00	0.27	6.04	32.40	120.72	1.62	0.00	0.000	0.075	0.048
654	2.52	2.50	0.07852	95.42	0.04845	0.00	0.27	6.04	32.42	120.73	1.62	0.00	0.000	0.075	0.048
655	2.50	2.48	0.07855	95.38	0.04844	0.00	0.27	6.04	32.43	120.75	1.62	0.00	0.000	0.075	0.048
656	2.48	2.46	0.07859	95.34	0.04844	0.00	0.27	6.04	32.45	120.76	1.62	0.00	0.000	0.075	0.048
657	2.46	2.44	0.07862	95.30	0.04844	0.00	0.27	6.04	32.46	120.78	1.62	0.00	0.000	0.075	0.048
658	2.44	2.42	0.07865	95.26	0.04844	0.00	0.27	6.04	32.47	120.80	1.62	0.00	0.000	0.075	0.048
659	2.42	2.40	0.07868	95.22	0.04844	0.00	0.27	6.04	32.49	120.81	1.62	0.00	0.000	0.075	0.048
660	2.40	2.38	0.07872	95.18	0.04844	0.00	0.27	6.04	32.50	120.83	1.63	0.00	0.000	0.075	0.048
661	2.38	2.36	0.07875	95.14	0.04843	0.00	0.27	6.04	32.52	120.84	1.63	0.00	0.000	0.075	0.048
662	2.36	2.34	0.07878	95.10	0.04843	0.00	0.27	6.04	32.53	120.86	1.63	0.00	0.000	0.075	0.048
663	2.34	2.32	0.07881	95.06	0.04843	0.00	0.27	6.04	32.55	120.87	1.63	0.00	0.000	0.075	0.048
664	2.32	2.30	0.07885	95.02	0.04843	0.00	0.27	6.04	32.56	120.89	1.63	0.00	0.000	0.075	0.048
665	2.30	2.28	0.07888	94.98	0.04843	0.00	0.27	6.05	32.58	120.90	1.63	0.00	0.000	0.075	0.048
666	2.28	2.26	0.07891	94.94	0.04843	0.00	0.27	6.05	32.59	120.92	1.63	0.00	0.000	0.075	0.048
667	2.26	2.24	0.07895	94.90	0.04842	0.00	0.27	6.05	32.61	120.94	1.63	0.00	0.000	0.075	0.048
668	2.24	2.22	0.07898	94.87	0.04842	0.00	0.27	6.05	32.62	120.95	1.63	0.00	0.000	0.075	0.048
669	2.22	2.20	0.07901	94.83	0.04842	0.00	0.27	6.05	32.63	120.97	1.63	0.00	0.000	0.075	0.048
670	2.20	2.18	0.07904	94.79	0.04842	0.00	0.27	6.05	32.65	120.98	1.63	0.00	0.000	0.075	0.048
671	2.18	2.16	0.07908	94.75	0.04842	0.00	0.27	6.05	32.66	121.00	1.63	0.00	0.000	0.075	0.048
672	2.16	2.14	0.07911	94.71	0.04842	0.00	0.27	6.05	32.68	121.01	1.63	0.00	0.000	0.075	0.048
673	2.14	2.12	0.07914	94.67	0.04841	0.00	0.27	6.05	32.69	121.03	1.63	0.00	0.000	0.075	0.048
674	2.12	2.10	0.07917	94.63	0.04841	0.00	0.27	6.05	32.71	121.05	1.64	0.00	0.000	0.075	0.048
675	2.10	2.08	0.07921	94.59	0.04841	0.00	0.27	6.05	32.72	121.06	1.64	0.00	0.000	0.075	0.048
676	2.08	2.06	0.07924	94.55	0.04841	0.00	0.27	6.05	32.74	121.08	1.64	0.00	0.000	0.075	0.048
677	2.06	2.04	0.07927	94.51	0.04841	0.00	0.27	6.05	32.75	121.09	1.64	0.00	0.000	0.075	0.048
678	2.04	2.02	0.07930	94.47	0.04841	0.00	0.27	6.06	32.77	121.11	1.64	0.00	0.000	0.075	0.048
679	2.02	2.00	0.07934	94.44	0.04840	0.00	0.27	6.06	32.78	121.12	1.64	0.00	0.000	0.075	0.048
680	2.00	1.98	0.07937	94.40	0.04840	0.00	0.27	6.06	32.80	121.14	1.64	0.00	0.000	0.075	0.048
681	1.98	1.96	0.07940	94.36	0.04840	0.00	0.27	6.06	32.81	121.16	1.64	0.00	0.000	0.075	0.048
682	1.96	1.94	0.07944	94.32	0.04840	0.00	0.27	6.06	32.83	121.17	1.64	0.00	0.000	0.075	0.048
683	1.94	1.92	0.07947	94.28	0.04840	0.00	0.27	6.06	32.84	121.19	1.64	0.00	0.000	0.075	0.048
684	1.92	1.90	0.07950	94.24	0.04840	0.00	0.27	6.06	32.85	121.20	1.64	0.00	0.000	0.075	0.048
685	1.90	1.88	0.07953	94.20	0.04839	0.00	0.27	6.06	32.87	121.22	1.64	0.00	0.000	0.075	0.048
686	1.88	1.86	0.07957	94.16	0.04839	0.00	0.27	6.06	32.88	121.23	1.64	0.00	0.000	0.075	0.048
687	1.86	1.84	0.07960	94.13	0.04839	0.00	0.27	6.06	32.90	121.25	1.64	0.00	0.000	0.075	0.048
688	1.84	1.82	0.07963	94.09	0.04839	0.00	0.27	6.06	32.91	121.27	1.65	0.00	0.000	0.075	0.048
689	1.82	1.80	0.07966	94.05	0.04839	0.00	0.27	6.06	32.93	121.28	1.65	0.00	0.000	0.075	0.048
690	1.80	1.78	0.07970	94.01	0.04838	0.00	0.27	6.06	32.94	121.30	1.65	0.00	0.000	0.075	0.048
691	1.78	1.76	0.07973	93.97	0.04838	0.00	0.27	6.07	32.96	121.31	1.65	0.00	0.000	0.075	0.048
692	1.76	1.74	0.07976	93.93	0.04838	0.00	0.27	6.07	32.97	121.33	1.65	0.00	0.000	0.075	0.048

693	1.74	1.72	0.07979	93.89	0.04838	0.00	0.27	6.07	32.99	121.35	1.65	0.00	0.000	0.075	0.048
694	1.72	1.70	0.07983	93.86	0.04838	0.00	0.27	6.07	33.00	121.36	1.65	0.00	0.000	0.075	0.048
695	1.70	1.68	0.07986	93.82	0.04838	0.00	0.27	6.07	33.02	121.38	1.65	0.00	0.000	0.075	0.048
696	1.68	1.66	0.07989	93.78	0.04837	0.00	0.27	6.07	33.03	121.39	1.65	0.00	0.000	0.075	0.048
697	1.66	1.64	0.07993	93.74	0.04837	0.00	0.27	6.07	33.05	121.41	1.65	0.00	0.000	0.075	0.048
698	1.64	1.62	0.07996	93.70	0.04837	0.00	0.27	6.07	33.06	121.42	1.65	0.00	0.000	0.075	0.048
699	1.62	1.60	0.07999	93.66	0.04837	0.00	0.27	6.07	33.08	121.44	1.65	0.00	0.000	0.075	0.048
700	1.60	1.58	0.08002	93.63	0.04837	0.00	0.27	6.07	33.09	121.46	1.65	0.00	0.000	0.075	0.048
701	1.58	1.56	0.08006	93.59	0.04836	0.00	0.27	6.07	33.11	121.47	1.66	0.00	0.000	0.075	0.048
702	1.56	1.54	0.08009	93.55	0.04836	0.00	0.27	6.07	33.12	121.49	1.66	0.00	0.000	0.075	0.048
703	1.54	1.52	0.08012	93.51	0.04836	0.00	0.27	6.08	33.14	121.50	1.66	0.00	0.000	0.075	0.048
704	1.52	1.50	0.08015	93.47	0.04836	0.00	0.27	6.08	33.15	121.52	1.66	0.00	0.000	0.075	0.048
705	1.50	1.48	0.08019	93.44	0.04836	0.00	0.27	6.08	33.17	121.53	1.66	0.00	0.000	0.075	0.048
706	1.48	1.46	0.08022	93.40	0.04835	0.00	0.27	6.08	33.18	121.55	1.66	0.00	0.000	0.075	0.048
707	1.46	1.44	0.08025	93.36	0.04835	0.00	0.27	6.08	33.19	121.57	1.66	0.00	0.000	0.075	0.048
708	1.44	1.42	0.08029	93.32	0.04835	0.00	0.27	6.08	33.21	121.58	1.66	0.00	0.000	0.075	0.048
709	1.42	1.40	0.08032	93.28	0.04835	0.00	0.27	6.08	33.22	121.60	1.66	0.00	0.000	0.075	0.048
710	1.40	1.38	0.08035	93.25	0.04835	0.00	0.27	6.08	33.24	121.61	1.66	0.00	0.000	0.075	0.048
711	1.38	1.36	0.08038	93.21	0.04834	0.00	0.27	6.08	33.25	121.63	1.66	0.00	0.000	0.075	0.048
712	1.36	1.34	0.08042	93.17	0.04834	0.00	0.27	6.08	33.27	121.64	1.66	0.00	0.000	0.075	0.048
713	1.34	1.32	0.08045	93.13	0.04834	0.00	0.27	6.08	33.28	121.66	1.66	0.00	0.000	0.075	0.048
714	1.32	1.30	0.08048	93.09	0.04834	0.00	0.27	6.08	33.30	121.68	1.66	0.00	0.000	0.075	0.048
715	1.30	1.28	0.08051	93.06	0.04834	0.00	0.27	6.08	33.31	121.69	1.67	0.00	0.000	0.075	0.048
716	1.28	1.26	0.08055	93.02	0.04833	0.00	0.27	6.09	33.33	121.71	1.67	0.00	0.000	0.075	0.048
717	1.26	1.24	0.08058	92.98	0.04833	0.00	0.27	6.09	33.34	121.72	1.67	0.00	0.000	0.075	0.048
718	1.24	1.22	0.08061	92.94	0.04833	0.00	0.27	6.09	33.36	121.74	1.67	0.00	0.000	0.075	0.048
719	1.22	1.20	0.08064	92.91	0.04833	0.00	0.27	6.09	33.37	121.75	1.67	0.00	0.000	0.075	0.048
720	1.20	1.18	0.08068	92.87	0.04833	0.00	0.27	6.09	33.39	121.77	1.67	0.00	0.000	0.075	0.048
721	1.18	1.16	0.08071	92.83	0.04832	0.00	0.27	6.09	33.40	121.79	1.67	0.00	0.000	0.075	0.048
722	1.16	1.14	0.08074	92.79	0.04832	0.00	0.27	6.09	33.42	121.80	1.67	0.00	0.000	0.075	0.048
723	1.14	1.12	0.08078	92.75	0.04832	0.00	0.27	6.09	33.43	121.82	1.67	0.00	0.000	0.075	0.048
724	1.12	1.10	0.08081	92.72	0.04832	0.00	0.27	6.09	33.45	121.83	1.67	0.00	0.000	0.075	0.048
725	1.10	1.08	0.08084	92.68	0.04832	0.00	0.27	6.09	33.46	121.85	1.67	0.00	0.000	0.075	0.048
726	1.08	1.06	0.08087	92.64	0.04831	0.00	0.27	6.09	33.48	121.87	1.67	0.00	0.000	0.075	0.048
727	1.06	1.04	0.08091	92.60	0.04831	0.00	0.27	6.09	33.49	121.88	1.67	0.00	0.000	0.075	0.048
728	1.04	1.02	0.08094	92.57	0.04831	0.00	0.27	6.09	33.51	121.90	1.68	0.00	0.000	0.075	0.048
729	1.02	1.00	0.08097	92.53	0.04831	0.00	0.27	6.10	33.52	121.91	1.68	0.00	0.000	0.075	0.048
730	1.00	0.98	0.08100	92.49	0.04831	0.00	0.28	6.10	33.54	121.93	1.68	0.00	0.000	0.075	0.048
731	0.98	0.96	0.08104	92.46	0.04830	0.00	0.28	6.10	33.55	121.94	1.68	0.00	0.000	0.075	0.048
732	0.96	0.94	0.08107	92.42	0.04830	0.00	0.28	6.10	33.57	121.96	1.68	0.00	0.000	0.075	0.048
733	0.94	0.92	0.08110	92.38	0.04830	0.00	0.28	6.10	33.58	121.98	1.68	0.00	0.000	0.075	0.048
734	0.92	0.90	0.08113	92.34	0.04830	0.00	0.28	6.10	33.60	121.99	1.68	0.00	0.000	0.075	0.048
735	0.90	0.88	0.08117	92.31	0.04829	0.00	0.28	6.10	33.61	122.01	1.68	0.00	0.000	0.075	0.048
736	0.88	0.86	0.08120	92.27	0.04829	0.00	0.28	6.10	33.63	122.02	1.68	0.00	0.000	0.075	0.048
737	0.86	0.84	0.08123	92.23	0.04829	0.00	0.28	6.10	33.64	122.04	1.68	0.00	0.000	0.075	0.048
738	0.84	0.82	0.08127	92.20	0.04829	0.00	0.28	6.10	33.66	122.05	1.68	0.00	0.000	0.075	0.048
739	0.82	0.80	0.08130	92.16	0.04829	0.00	0.28	6.10	33.67	122.07	1.68	0.00	0.000	0.075	0.048
740	0.80	0.78	0.08133	92.12	0.04828	0.00	0.28	6.10	33.69	122.09	1.68	0.00	0.000	0.075	0.048
741	0.78	0.76	0.08136	92.08	0.04828	0.00	0.28	6.11	33.70	122.10	1.69	0.00	0.000	0.075	0.048
742	0.76	0.74	0.08140	92.05	0.04828	0.00	0.28	6.11	33.72	122.12	1.69	0.00	0.000	0.075	0.048
743	0.74	0.72	0.08143	92.01	0.04828	0.00	0.28	6.11	33.73	122.13	1.69	0.00	0.000	0.075	0.048

744	0.72	0.70	0.08146	91.97	0.04828	0.00	0.28	6.11	33.75	122.15	1.69	0.00	0.000	0.075	0.048
745	0.70	0.68	0.08149	91.94	0.04827	0.00	0.28	6.11	33.76	122.17	1.69	0.00	0.000	0.075	0.048
746	0.68	0.66	0.08153	91.90	0.04827	0.00	0.28	6.11	33.78	122.18	1.69	0.00	0.000	0.075	0.048
747	0.66	0.64	0.08156	91.86	0.04827	0.00	0.28	6.11	33.79	122.20	1.69	0.00	0.000	0.075	0.048
748	0.64	0.62	0.08159	91.83	0.04827	0.00	0.28	6.11	33.81	122.21	1.69	0.00	0.000	0.075	0.048
749	0.62	0.60	0.08162	91.79	0.04826	0.00	0.28	6.11	33.82	122.23	1.69	0.00	0.000	0.075	0.048
750	0.60	0.58	0.08166	91.75	0.04826	0.00	0.28	6.11	33.84	122.24	1.69	0.00	0.000	0.075	0.048
751	0.58	0.56	0.08169	91.72	0.04826	0.00	0.28	6.11	33.85	122.26	1.69	0.00	0.000	0.075	0.048
752	0.56	0.54	0.08172	91.68	0.04826	0.00	0.28	6.11	33.87	122.28	1.69	0.00	0.000	0.075	0.048
753	0.54	0.52	0.08176	91.64	0.04825	0.00	0.28	6.11	33.88	122.29	1.69	0.00	0.000	0.075	0.048
754	0.52	0.50	0.08179	91.61	0.04825	0.00	0.28	6.12	33.90	122.31	1.70	0.00	0.000	0.075	0.048
755	0.50	0.48	0.08182	91.57	0.04825	0.00	0.28	6.12	33.92	122.32	1.70	0.00	0.000	0.075	0.048
756	0.48	0.46	0.08185	91.53	0.04825	0.00	0.28	6.12	33.93	122.34	1.70	0.00	0.000	0.075	0.048
757	0.46	0.44	0.08189	91.50	0.04825	0.00	0.28	6.12	33.95	122.36	1.70	0.00	0.000	0.075	0.048
758	0.44	0.42	0.08192	91.46	0.04824	0.00	0.28	6.12	33.96	122.37	1.70	0.00	0.000	0.075	0.048
759	0.42	0.40	0.08195	91.42	0.04824	0.00	0.28	6.12	33.98	122.39	1.70	0.00	0.000	0.075	0.048
760	0.40	0.38	0.08198	91.39	0.04824	0.00	0.28	6.12	33.99	122.40	1.70	0.00	0.000	0.075	0.048
761	0.38	0.36	0.08202	91.35	0.04824	0.00	0.28	6.12	34.01	122.42	1.70	0.00	0.000	0.075	0.048
762	0.36	0.34	0.08205	91.31	0.04823	0.00	0.28	6.12	34.02	122.43	1.70	0.00	0.000	0.075	0.048
763	0.34	0.32	0.08208	91.28	0.04823	0.00	0.28	6.12	34.04	122.45	1.70	0.00	0.000	0.075	0.048
764	0.32	0.30	0.08212	91.24	0.04823	0.00	0.28	6.12	34.05	122.47	1.70	0.00	0.000	0.075	0.048
765	0.30	0.28	0.08215	91.20	0.04823	0.00	0.28	6.12	34.07	122.48	1.70	0.00	0.000	0.075	0.048
766	0.28	0.26	0.08218	91.17	0.04822	0.00	0.28	6.12	34.08	122.50	1.70	0.00	0.000	0.075	0.048
767	0.26	0.24	0.08221	91.13	0.04822	0.00	0.28	6.13	34.10	122.51	1.70	0.00	0.000	0.075	0.048
768	0.24	0.22	0.08225	91.10	0.04822	0.00	0.28	6.13	34.11	122.53	1.71	0.00	0.000	0.075	0.048
769	0.22	0.20	0.08228	91.06	0.04822	0.00	0.28	6.13	34.13	122.55	1.71	0.00	0.000	0.075	0.048
770	0.20	0.18	0.08231	91.02	0.04821	0.00	0.28	6.13	34.14	122.56	1.71	0.00	0.000	0.075	0.048
771	0.18	0.16	0.08234	90.99	0.04821	0.00	0.28	6.13	34.16	122.58	1.71	0.00	0.000	0.075	0.048
772	0.16	0.14	0.08238	90.95	0.04821	0.00	0.28	6.13	34.17	122.59	1.71	0.00	0.000	0.075	0.048
773	0.14	0.12	0.08241	90.92	0.04821	0.00	0.28	6.13	34.19	122.61	1.71	0.00	0.000	0.075	0.048
774	0.12	0.10	0.08244	90.88	0.04821	0.00	0.28	6.13	34.20	122.62	1.71	0.00	0.000	0.075	0.048
775	0.10	0.08	0.08247	90.84	0.04820	0.00	0.28	6.13	34.22	122.64	1.71	0.00	0.000	0.075	0.048
776	0.08	0.06	0.08251	90.81	0.04820	0.00	0.28	6.13	34.24	122.66	1.71	0.00	0.000	0.075	0.048
777	0.06	0.04	0.08254	90.77	0.04820	0.00	0.28	6.13	34.25	122.67	1.71	0.00	0.000	0.075	0.048
778	0.04	0.02	0.08257	90.74	0.04820	0.00	0.28	6.13	34.27	122.69	1.71	0.00	0.000	0.075	0.048
779	0.02	0.00	0.08261	90.70	0.04819	0.00	0.28	6.14	34.28	122.70	1.71	0.00	0.000	0.075	0.048
TOT							0.73		5070.64	18590.09					
AVG					0.04835		0.27	6.08			1.66				
CUM							22.74								

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECA	CBOD SETT	ANBOD DECA	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA	ORGN SETT	NH3 DECA	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD **	MAC PROD **	COLI DECA	NCM DECA	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
627	3.040	9.77	4.75	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
628	3.020	9.77	4.74	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
629	3.000	9.77	4.74	0.13	0.09	0.00	0.80	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05







\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
627	3.040	16.50	0.00	0.00	0.00	6.70	31.32	31.42	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.05
628	3.020	16.50	0.00	0.00	0.00	6.71	31.28	31.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	30.02
629	3.000	16.50	0.00	0.00	0.00	6.72	31.23	31.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.99
630	2.980	16.50	0.00	0.00	0.00	6.72	31.19	31.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.96
631	2.960	16.50	0.00	0.00	0.00	6.73	31.14	31.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.93
632	2.940	16.50	0.00	0.00	0.00	6.73	31.10	31.20	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.90
633	2.920	16.50	0.00	0.00	0.00	6.74	31.05	31.15	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.87
634	2.900	16.50	0.00	0.00	0.00	6.74	31.01	31.11	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.84
635	2.880	16.50	0.00	0.00	0.00	6.75	30.96	31.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.81
636	2.860	16.50	0.00	0.00	0.00	6.75	30.92	31.02	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.78
637	2.840	16.50	0.00	0.00	0.00	6.76	30.88	30.98	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.75
638	2.820	16.50	0.00	0.00	0.00	6.76	30.83	30.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.72
639	2.800	16.50	0.00	0.00	0.00	6.76	30.79	30.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.70
640	2.780	16.50	0.00	0.00	0.00	6.77	30.74	30.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.67
641	2.760	16.50	0.00	0.00	0.00	6.77	30.70	30.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.64
642	2.740	16.50	0.00	0.00	0.00	6.78	30.65	30.75	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.61
643	2.720	16.50	0.00	0.00	0.00	6.78	30.61	30.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.58
644	2.700	16.50	0.00	0.00	0.00	6.79	30.57	30.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.55
645	2.680	16.50	0.00	0.00	0.00	6.79	30.52	30.62	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.52
646	2.660	16.50	0.00	0.00	0.00	6.80	30.48	30.58	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.49
647	2.640	16.50	0.00	0.00	0.00	6.80	30.43	30.53	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.46
648	2.620	16.50	0.00	0.00	0.00	6.80	30.39	30.49	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.43
649	2.600	16.50	0.00	0.00	0.00	6.81	30.35	30.45	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.40
650	2.580	16.50	0.00	0.00	0.00	6.81	30.30	30.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.37
651	2.560	16.50	0.00	0.00	0.00	6.82	30.26	30.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.35
652	2.540	16.50	0.00	0.00	0.00	6.82	30.22	30.32	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.32
653	2.520	16.50	0.00	0.00	0.00	6.82	30.17	30.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.29
654	2.500	16.50	0.00	0.00	0.00	6.83	30.13	30.23	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.26
655	2.480	16.50	0.00	0.00	0.00	6.83	30.09	30.19	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.23
656	2.460	16.50	0.00	0.00	0.00	6.84	30.04	30.14	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.20
657	2.440	16.50	0.00	0.00	0.00	6.84	30.00	30.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.17
658	2.420	16.50	0.00	0.00	0.00	6.84	29.96	30.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.14
659	2.400	16.50	0.00	0.00	0.00	6.85	29.91	30.01	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.12
660	2.380	16.50	0.00	0.00	0.00	6.85	29.87	29.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.09
661	2.360	16.50	0.00	0.00	0.00	6.85	29.83	29.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.06
662	2.340	16.50	0.00	0.00	0.00	6.86	29.78	29.88	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.03
663	2.320	16.50	0.00	0.00	0.00	6.86	29.74	29.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	29.00
664	2.300	16.50	0.00	0.00	0.00	6.86	29.70	29.80	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.97
665	2.280	16.50	0.00	0.00	0.00	6.87	29.66	29.76	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.94
666	2.260	16.50	0.00	0.00	0.00	6.87	29.61	29.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.92
667	2.240	16.50	0.00	0.00	0.00	6.88	29.57	29.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.89
668	2.220	16.50	0.00	0.00	0.00	6.88	29.53	29.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.86

669	2.200	16.50	0.00	0.00	0.00	6.88	29.49	29.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.83
670	2.180	16.50	0.00	0.00	0.00	6.89	29.44	29.54	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.80
671	2.160	16.50	0.00	0.00	0.00	6.89	29.40	29.50	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.77
672	2.140	16.50	0.00	0.00	0.00	6.89	29.36	29.46	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.75
673	2.120	16.50	0.00	0.00	0.00	6.89	29.32	29.42	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.72
674	2.100	16.50	0.00	0.00	0.00	6.90	29.28	29.38	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.69
675	2.080	16.50	0.00	0.00	0.00	6.90	29.23	29.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.66
676	2.060	16.50	0.00	0.00	0.00	6.90	29.19	29.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.63
677	2.040	16.50	0.00	0.00	0.00	6.91	29.15	29.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.61
678	2.020	16.50	0.00	0.00	0.00	6.91	29.11	29.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.58
679	2.000	16.50	0.00	0.00	0.00	6.91	29.07	29.17	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.55
680	1.980	16.50	0.00	0.00	0.00	6.92	29.03	29.13	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.52
681	1.960	16.50	0.00	0.00	0.00	6.92	28.98	29.08	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.49
682	1.940	16.50	0.00	0.00	0.00	6.92	28.94	29.04	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.47
683	1.920	16.50	0.00	0.00	0.00	6.93	28.90	29.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.44
684	1.900	16.50	0.00	0.00	0.00	6.93	28.86	28.96	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.41
685	1.880	16.50	0.00	0.00	0.00	6.93	28.82	28.92	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.38
686	1.860	16.50	0.00	0.00	0.00	6.93	28.78	28.88	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.35
687	1.840	16.50	0.00	0.00	0.00	6.94	28.74	28.84	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.33
688	1.820	16.50	0.00	0.00	0.00	6.94	28.69	28.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.30
689	1.800	16.50	0.00	0.00	0.00	6.94	28.65	28.75	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.27
690	1.780	16.50	0.00	0.00	0.00	6.95	28.61	28.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.24
691	1.760	16.50	0.00	0.00	0.00	6.95	28.57	28.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.22
692	1.740	16.50	0.00	0.00	0.00	6.95	28.53	28.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.19
693	1.720	16.50	0.00	0.00	0.00	6.95	28.49	28.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.16
694	1.700	16.50	0.00	0.00	0.00	6.96	28.45	28.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.13
695	1.680	16.50	0.00	0.00	0.00	6.96	28.41	28.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.11
696	1.660	16.50	0.00	0.00	0.00	6.96	28.37	28.47	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.08
697	1.640	16.50	0.00	0.00	0.00	6.97	28.33	28.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.05
698	1.620	16.50	0.00	0.00	0.00	6.97	28.29	28.39	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.02
699	1.600	16.50	0.00	0.00	0.00	6.97	28.25	28.35	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	28.00
700	1.580	16.50	0.00	0.00	0.00	6.97	28.21	28.31	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.97
701	1.560	16.50	0.00	0.00	0.00	6.98	28.17	28.27	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.94
702	1.540	16.50	0.00	0.00	0.00	6.98	28.12	28.22	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.91
703	1.520	16.50	0.00	0.00	0.00	6.98	28.08	28.18	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.89
704	1.500	16.50	0.00	0.00	0.00	6.98	28.04	28.14	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.86
705	1.480	16.50	0.00	0.00	0.00	6.99	28.00	28.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.83
706	1.460	16.50	0.00	0.00	0.00	6.99	27.96	28.06	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.81
707	1.440	16.50	0.00	0.00	0.00	6.99	27.92	28.02	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.78
708	1.420	16.50	0.00	0.00	0.00	6.99	27.88	27.98	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.75
709	1.400	16.50	0.00	0.00	0.00	7.00	27.84	27.94	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.72
710	1.380	16.50	0.00	0.00	0.00	7.00	27.81	27.91	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.70
711	1.360	16.50	0.00	0.00	0.00	7.00	27.77	27.87	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.67
712	1.340	16.50	0.00	0.00	0.00	7.00	27.73	27.83	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.64
713	1.320	16.50	0.00	0.00	0.00	7.01	27.69	27.79	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.62
714	1.300	16.50	0.00	0.00	0.00	7.01	27.65	27.75	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.59
715	1.280	16.50	0.00	0.00	0.00	7.01	27.61	27.71	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.56
716	1.260	16.50	0.00	0.00	0.00	7.01	27.57	27.67	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.54
717	1.240	16.50	0.00	0.00	0.00	7.02	27.53	27.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.51
718	1.220	16.50	0.00	0.00	0.00	7.02	27.49	27.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.48
719	1.200	16.50	0.00	0.00	0.00	7.02	27.45	27.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.46

720	1.180	16.50	0.00	0.00	0.00	7.02	27.41	27.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.43
721	1.160	16.50	0.00	0.00	0.00	7.03	27.37	27.47	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.40
722	1.140	16.50	0.00	0.00	0.00	7.03	27.33	27.43	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.38
723	1.120	16.50	0.00	0.00	0.00	7.03	27.29	27.39	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.35
724	1.100	16.50	0.00	0.00	0.00	7.03	27.25	27.35	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.32
725	1.080	16.50	0.00	0.00	0.00	7.03	27.22	27.32	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.30
726	1.060	16.50	0.00	0.00	0.00	7.04	27.18	27.28	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.27
727	1.040	16.50	0.00	0.00	0.00	7.04	27.14	27.24	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.24
728	1.020	16.50	0.00	0.00	0.00	7.04	27.10	27.20	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.22
729	1.000	16.50	0.00	0.00	0.00	7.04	27.06	27.16	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.19
730	0.980	16.50	0.00	0.00	0.00	7.05	27.02	27.12	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.16
731	0.960	16.50	0.00	0.00	0.00	7.05	26.98	27.08	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.14
732	0.940	16.50	0.00	0.00	0.00	7.05	26.95	27.05	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.11
733	0.920	16.50	0.00	0.00	0.00	7.05	26.91	27.01	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.08
734	0.900	16.50	0.00	0.00	0.00	7.06	26.87	26.97	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.06
735	0.880	16.50	0.00	0.00	0.00	7.06	26.83	26.93	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.03
736	0.860	16.50	0.00	0.00	0.00	7.06	26.79	26.89	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	27.01
737	0.840	16.50	0.00	0.00	0.00	7.06	26.75	26.85	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.98
738	0.820	16.50	0.00	0.00	0.00	7.06	26.72	26.82	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.95
739	0.800	16.50	0.00	0.00	0.00	7.07	26.68	26.78	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.93
740	0.780	16.50	0.00	0.00	0.00	7.07	26.64	26.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.90
741	0.760	16.50	0.00	0.00	0.00	7.07	26.60	26.70	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.87
742	0.740	16.50	0.00	0.00	0.00	7.07	26.56	26.66	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.85
743	0.720	16.50	0.00	0.00	0.00	7.08	26.53	26.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.82
744	0.700	16.50	0.00	0.00	0.00	7.08	26.49	26.59	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.80
745	0.680	16.50	0.00	0.00	0.00	7.08	26.45	26.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.77
746	0.660	16.50	0.00	0.00	0.00	7.08	26.41	26.51	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.74
747	0.640	16.50	0.00	0.00	0.00	7.08	26.38	26.48	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.72
748	0.620	16.50	0.00	0.00	0.00	7.09	26.34	26.44	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.69
749	0.600	16.50	0.00	0.00	0.00	7.09	26.30	26.40	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.67
750	0.580	16.50	0.00	0.00	0.00	7.09	26.26	26.36	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.64
751	0.560	16.50	0.00	0.00	0.00	7.09	26.23	26.33	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.62
752	0.540	16.50	0.00	0.00	0.00	7.09	26.19	26.29	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.59
753	0.520	16.50	0.00	0.00	0.00	7.10	26.15	26.25	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.56
754	0.500	16.50	0.00	0.00	0.00	7.10	26.11	26.21	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.54
755	0.480	16.50	0.00	0.00	0.00	7.10	26.08	26.18	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.51
756	0.460	16.50	0.00	0.00	0.00	7.10	26.04	26.14	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.49
757	0.440	16.50	0.00	0.00	0.00	7.10	26.00	26.10	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.46
758	0.420	16.50	0.00	0.00	0.00	7.11	25.97	26.07	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.44
759	0.400	16.50	0.00	0.00	0.00	7.11	25.93	26.03	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.41
760	0.380	16.50	0.00	0.00	0.00	7.11	25.89	25.99	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.38
761	0.360	16.50	0.00	0.00	0.00	7.11	25.86	25.96	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.36
762	0.340	16.50	0.00	0.00	0.00	7.11	25.82	25.92	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.33
763	0.320	16.50	0.00	0.00	0.00	7.12	25.78	25.88	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.31
764	0.300	16.50	0.00	0.00	0.00	7.12	25.75	25.85	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.28
765	0.280	16.50	0.00	0.00	0.00	7.12	25.71	25.81	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.26
766	0.260	16.50	0.00	0.00	0.00	7.12	25.67	25.77	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.23
767	0.240	16.50	0.00	0.00	0.00	7.13	25.64	25.74	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.21
768	0.220	16.50	0.00	0.00	0.00	7.13	25.60	25.70	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.18
769	0.200	16.50	0.00	0.00	0.00	7.13	25.56	25.66	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.16
770	0.180	16.50	0.00	0.00	0.00	7.13	25.53	25.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	26.13



\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
47	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
48	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
49	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
50	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
51	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
52	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
53	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
54	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						0.20			4.91	48.80					
AVG					0.00461		0.10	0.61			0.06				
CUM						0.20									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da
47	0.070	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.08	0.05
48	0.060	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.08	0.05
49	0.050	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.08	0.05
50	0.040	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
51	0.030	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.08	0.05
52	0.020	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.08	0.05
53	0.010	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.08	0.05
54	0.000	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
20	DEG C RATE			0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG	20 DEG C RATE			7.26		0.10				0.00		0.00	0.00	0.00	0.00			0.00		0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
47	0.070	16.50	0.00	0.00	0.00	5.67	4.97	5.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	4.98
48	0.060	16.50	0.00	0.00	0.00	6.23	4.94	4.99	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.97
49	0.050	16.50	0.00	0.00	0.00	6.71	4.92	4.99	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	4.95



ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
292	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
293	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
294	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
295	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
296	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
297	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
298	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
299	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
300	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
301	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
302	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
303	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
304	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
305	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
306	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
307	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
308	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
309	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
310	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
311	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
312	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
313	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
314	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
315	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
316	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
317	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
318	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
319	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
320	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
321	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
322	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
323	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
324	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
325	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
326	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
327	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
TOT						0.90			22.09	219.60					
AVG					0.00461		0.10	0.61			0.06				
CUM						0.90									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O.	REAER RATE	CBOD DECAY	CBOD SETT	ANBOD DECAY	BKGD SOD	FULL SOD	CORR SOD	ORGN DECAY	ORGN SETT	NH3 DECAY	NH3 SRCE	DENIT RATE	PO4 SRCE	ALG PROD	MAC PROD	COLI DECAY	NCM DECAY	NCM SETT
		mg/L	1/da	1/da	1/da	1/da	*	*	*	1/da	1/da	1/da	*	1/da	*	**	**	1/da	1/da	1/da

292	0.350	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.08	0.05
293	0.340	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.08	0.05
294	0.330	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.08	0.05
295	0.320	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.08	0.05
296	0.310	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.08	0.05
297	0.300	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.08	0.05
298	0.290	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.08	0.05
299	0.280	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.08	0.05
300	0.270	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.08	0.05
301	0.260	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.08	0.05
302	0.250	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.08	0.05
303	0.240	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.08	0.05
304	0.230	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.08	0.05
305	0.220	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.08	0.05
306	0.210	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.08	0.05
307	0.200	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.08	0.05
308	0.190	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.08	0.05
309	0.180	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
310	0.170	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.08	0.05
311	0.160	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.08	0.05
312	0.150	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.08	0.05
313	0.140	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.08	0.05
314	0.130	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.08	0.05
315	0.120	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.08	0.05
316	0.110	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.08	0.05
317	0.100	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.08	0.05
318	0.090	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.08	0.05
319	0.080	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.08	0.05
320	0.070	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.08	0.05
321	0.060	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.08	0.05
322	0.050	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.08	0.05
323	0.040	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.00	0.08	0.05
324	0.030	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.08	0.05
325	0.020	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.08	0.05
326	0.010	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.08	0.05
327	0.000	9.77	6.75	0.13	0.09	0.00	0.00	0.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
292	0.350	16.50	0.00	0.00	0.00	5.66	4.97	4.98	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	4.98
293	0.340	16.50	0.00	0.00	0.00	6.22	4.94	4.96	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	4.97

294	0.330	16.50	0.00	0.00	0.00	6.70	4.92	4.93	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	4.95
295	0.320	16.50	0.00	0.00	0.00	7.11	4.89	4.91	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	4.94
296	0.310	16.50	0.00	0.00	0.00	7.46	4.86	4.89	0.00	0.00	0.00	0.00	0.00	1.39	0.00	0.00	4.92
297	0.300	16.50	0.00	0.00	0.00	7.76	4.84	4.87	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	4.91
298	0.290	16.50	0.00	0.00	0.00	8.02	4.81	4.85	0.00	0.00	0.00	0.00	0.00	1.94	0.00	0.00	4.89
299	0.280	16.50	0.00	0.00	0.00	8.24	4.78	4.83	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	4.88
300	0.270	16.50	0.00	0.00	0.00	8.44	4.76	4.81	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.86
301	0.260	16.50	0.00	0.00	0.00	8.60	4.73	4.79	0.00	0.00	0.00	0.00	0.00	2.78	0.00	0.00	4.85
302	0.250	16.50	0.00	0.00	0.00	8.74	4.71	4.77	0.00	0.00	0.00	0.00	0.00	3.06	0.00	0.00	4.83
303	0.240	16.50	0.00	0.00	0.00	8.86	4.68	4.75	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	4.82
304	0.230	16.50	0.00	0.00	0.00	8.97	4.65	4.73	0.00	0.00	0.00	0.00	0.00	3.61	0.00	0.00	4.80
305	0.220	16.50	0.00	0.00	0.00	9.06	4.63	4.71	0.00	0.00	0.00	0.00	0.00	3.89	0.00	0.00	4.79
306	0.210	16.50	0.00	0.00	0.00	9.14	4.60	4.69	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	4.77
307	0.200	16.50	0.00	0.00	0.00	9.21	4.58	4.67	0.00	0.00	0.00	0.00	0.00	4.44	0.00	0.00	4.76
308	0.190	16.50	0.00	0.00	0.00	9.26	4.55	4.65	0.00	0.00	0.00	0.00	0.00	4.72	0.00	0.00	4.74
309	0.180	16.50	0.00	0.00	0.00	9.32	4.53	4.63	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	4.73
310	0.170	16.50	0.00	0.00	0.00	9.36	4.50	4.61	0.00	0.00	0.00	0.00	0.00	5.28	0.00	0.00	4.71
311	0.160	16.50	0.00	0.00	0.00	9.40	4.48	4.59	0.00	0.00	0.00	0.00	0.00	5.56	0.00	0.00	4.70
312	0.150	16.50	0.00	0.00	0.00	9.43	4.45	4.57	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	4.68
313	0.140	16.50	0.00	0.00	0.00	9.46	4.43	4.55	0.00	0.00	0.00	0.00	0.00	6.11	0.00	0.00	4.67
314	0.130	16.50	0.00	0.00	0.00	9.49	4.41	4.53	0.00	0.00	0.00	0.00	0.00	6.39	0.00	0.00	4.65
315	0.120	16.50	0.00	0.00	0.00	9.52	4.38	4.51	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	4.64
316	0.110	16.50	0.00	0.00	0.00	9.54	4.36	4.50	0.00	0.00	0.00	0.00	0.00	6.94	0.00	0.00	4.62
317	0.100	16.50	0.00	0.00	0.00	9.56	4.33	4.48	0.00	0.00	0.00	0.00	0.00	7.22	0.00	0.00	4.61
318	0.090	16.50	0.00	0.00	0.00	9.57	4.31	4.46	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	4.59
319	0.080	16.50	0.00	0.00	0.00	9.59	4.29	4.44	0.00	0.00	0.00	0.00	0.00	7.78	0.00	0.00	4.58
320	0.070	16.50	0.00	0.00	0.00	9.60	4.26	4.42	0.00	0.00	0.00	0.00	0.00	8.06	0.00	0.00	4.57
321	0.060	16.50	0.00	0.00	0.00	9.61	4.24	4.41	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00	4.55
322	0.050	16.50	0.00	0.00	0.00	9.63	4.22	4.39	0.00	0.00	0.00	0.00	0.00	8.61	0.00	0.00	4.54
323	0.040	16.50	0.00	0.00	0.00	9.64	4.19	4.37	0.00	0.00	0.00	0.00	0.00	8.89	0.00	0.00	4.52
324	0.030	16.50	0.00	0.00	0.00	9.65	4.17	4.35	0.00	0.00	0.00	0.00	0.00	9.17	0.00	0.00	4.51
325	0.020	16.50	0.00	0.00	0.00	9.66	4.15	4.34	0.00	0.00	0.00	0.00	0.00	9.44	0.00	0.00	4.50
326	0.010	16.50	0.00	0.00	0.00	9.63	4.43	4.63	0.00	0.00	0.00	0.00	0.00	9.72	0.00	0.00	4.76
327	0.000	16.50	0.00	0.00	0.00	7.21	20.66	20.86	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	19.42

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 WEST ELMWOOD DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 0.90 DAYS

MAXIMUM EFFLUENT = 0.00 PERCENT

FLOW = 0.00028 TO 0.00028 cms  
 DISPERSION = 0.0009 TO 0.0009 sq m/s  
 VELOCITY = 0.00461 TO 0.00461 m/s  
 DEPTH = 0.10 TO 0.10 m

WIDTH = 0.61 TO 0.61 m  
 BOD DECAY = 0.13 TO 0.13 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.06 TO 0.28 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 6.75 TO 6.75 per day  
 BOD SETTLING = 0.09 TO 0.09 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
 TEMPERATURE = 16.50 TO 16.50 deg C  
 DISSOLVED OXYGEN = 5.66 TO 9.66 mg/L

FINAL REPORT NORTH MONROE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 12 N MONROE SD #1 POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
372	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	4.80	5.00	0.00	0.00	0.00	0.00	10.00	0.00	5.00
372	WSTLD	0.00569	28.50	0.00	0.00	0.00	2.00	69.00	69.00	0.00	0.00	0.00	0.00	0.00	0.00	64.50

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
372	0.60	0.59	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
373	0.59	0.58	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
374	0.58	0.57	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
375	0.57	0.56	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
376	0.56	0.55	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
377	0.55	0.54	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
378	0.54	0.53	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
379	0.53	0.52	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
380	0.52	0.51	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
381	0.51	0.50	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
382	0.50	0.49	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
383	0.49	0.48	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
384	0.48	0.47	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
385	0.47	0.46	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
386	0.46	0.45	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
387	0.45	0.44	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
388	0.44	0.43	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097

389	0.43	0.42	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
390	0.42	0.41	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
391	0.41	0.40	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
392	0.40	0.39	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
393	0.39	0.38	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
394	0.38	0.37	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
395	0.37	0.36	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
396	0.36	0.35	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
397	0.35	0.34	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
398	0.34	0.33	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
399	0.33	0.32	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
400	0.32	0.31	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
401	0.31	0.30	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
402	0.30	0.29	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
403	0.29	0.28	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
404	0.28	0.27	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
405	0.27	0.26	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
406	0.26	0.25	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
407	0.25	0.24	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
408	0.24	0.23	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
409	0.23	0.22	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
410	0.22	0.21	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
411	0.21	0.20	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
412	0.20	0.19	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
413	0.19	0.18	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
414	0.18	0.17	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
415	0.17	0.16	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
416	0.16	0.15	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
417	0.15	0.14	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
418	0.14	0.13	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
419	0.13	0.12	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
420	0.12	0.11	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
421	0.11	0.10	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
422	0.10	0.09	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
423	0.09	0.08	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
424	0.08	0.07	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
425	0.07	0.06	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
426	0.06	0.05	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
427	0.05	0.04	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
428	0.04	0.03	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
429	0.03	0.02	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
430	0.02	0.01	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
431	0.01	0.00	0.00597	95.26	0.09733	0.00	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.019	0.097
TOT						0.07			36.82	366.00					
AVG					0.09733		0.10	0.61			0.06				
CUM						0.07									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*



419	0.120	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
420	0.110	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
421	0.100	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
422	0.090	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
423	0.080	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
424	0.070	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
425	0.060	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
426	0.050	9.77	19.02	0.13	0.09	0.00	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
427	0.040	9.77	19.02	0.13	0.09	0.00	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
428	0.030	9.77	19.02	0.13	0.09	0.00	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
429	0.020	9.77	19.02	0.13	0.09	0.00	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
430	0.010	9.77	19.02	0.13	0.09	0.00	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05
431	0.000	9.77	19.02	0.13	0.09	0.00	0.00	0.69	0.69	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.08	0.05

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE	20.43			0.10						0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
372	0.590	16.50	0.00	0.00	0.00	2.29	65.94	66.14	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.67
373	0.580	16.50	0.00	0.00	0.00	2.43	65.92	66.12	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.66
374	0.570	16.50	0.00	0.00	0.00	2.57	65.91	66.11	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.65
375	0.560	16.50	0.00	0.00	0.00	2.70	65.89	66.09	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.64
376	0.550	16.50	0.00	0.00	0.00	2.83	65.87	66.07	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.63
377	0.540	16.50	0.00	0.00	0.00	2.96	65.85	66.05	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.63
378	0.530	16.50	0.00	0.00	0.00	3.09	65.84	66.04	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.62
379	0.520	16.50	0.00	0.00	0.00	3.21	65.82	66.02	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.61
380	0.510	16.50	0.00	0.00	0.00	3.33	65.80	66.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.60
381	0.500	16.50	0.00	0.00	0.00	3.45	65.79	65.99	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.59
382	0.490	16.50	0.00	0.00	0.00	3.57	65.77	65.97	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.58
383	0.480	16.50	0.00	0.00	0.00	3.68	65.75	65.95	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.57
384	0.470	16.50	0.00	0.00	0.00	3.79	65.73	65.93	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.56
385	0.460	16.50	0.00	0.00	0.00	3.90	65.72	65.92	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.55
386	0.450	16.50	0.00	0.00	0.00	4.00	65.70	65.90	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.54
387	0.440	16.50	0.00	0.00	0.00	4.10	65.68	65.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.53
388	0.430	16.50	0.00	0.00	0.00	4.21	65.67	65.87	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.53
389	0.420	16.50	0.00	0.00	0.00	4.30	65.65	65.85	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.52
390	0.410	16.50	0.00	0.00	0.00	4.40	65.63	65.83	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.51
391	0.400	16.50	0.00	0.00	0.00	4.49	65.61	65.81	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.50
392	0.390	16.50	0.00	0.00	0.00	4.59	65.60	65.80	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.49
393	0.380	16.50	0.00	0.00	0.00	4.68	65.58	65.78	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.48
394	0.370	16.50	0.00	0.00	0.00	4.77	65.56	65.76	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.47
395	0.360	16.50	0.00	0.00	0.00	4.85	65.55	65.75	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.46
396	0.350	16.50	0.00	0.00	0.00	4.94	65.53	65.73	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.45
397	0.340	16.50	0.00	0.00	0.00	5.02	65.51	65.71	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.44

398	0.330	16.50	0.00	0.00	0.00	5.10	65.49	65.69	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.43
399	0.320	16.50	0.00	0.00	0.00	5.18	65.48	65.68	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.42
400	0.310	16.50	0.00	0.00	0.00	5.26	65.46	65.66	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.42
401	0.300	16.50	0.00	0.00	0.00	5.33	65.44	65.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.41
402	0.290	16.50	0.00	0.00	0.00	5.40	65.43	65.63	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.40
403	0.280	16.50	0.00	0.00	0.00	5.48	65.41	65.61	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.39
404	0.270	16.50	0.00	0.00	0.00	5.55	65.39	65.59	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.38
405	0.260	16.50	0.00	0.00	0.00	5.62	65.37	65.57	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.37
406	0.250	16.50	0.00	0.00	0.00	5.68	65.36	65.56	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.36
407	0.240	16.50	0.00	0.00	0.00	5.75	65.34	65.54	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.35
408	0.230	16.50	0.00	0.00	0.00	5.81	65.32	65.52	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.34
409	0.220	16.50	0.00	0.00	0.00	5.88	65.31	65.51	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.33
410	0.210	16.50	0.00	0.00	0.00	5.94	65.29	65.49	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.32
411	0.200	16.50	0.00	0.00	0.00	6.00	65.27	65.47	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.32
412	0.190	16.50	0.00	0.00	0.00	6.06	65.26	65.46	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.31
413	0.180	16.50	0.00	0.00	0.00	6.12	65.24	65.44	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.30
414	0.170	16.50	0.00	0.00	0.00	6.17	65.22	65.42	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.29
415	0.160	16.50	0.00	0.00	0.00	6.23	65.20	65.40	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.28
416	0.150	16.50	0.00	0.00	0.00	6.28	65.19	65.39	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.27
417	0.140	16.50	0.00	0.00	0.00	6.34	65.17	65.37	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.26
418	0.130	16.50	0.00	0.00	0.00	6.39	65.15	65.35	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.25
419	0.120	16.50	0.00	0.00	0.00	6.44	65.14	65.34	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.24
420	0.110	16.50	0.00	0.00	0.00	6.49	65.12	65.32	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.23
421	0.100	16.50	0.00	0.00	0.00	6.54	65.10	65.30	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.22
422	0.090	16.50	0.00	0.00	0.00	6.58	65.08	65.28	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.21
423	0.080	16.50	0.00	0.00	0.00	6.63	65.07	65.27	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.21
424	0.070	16.50	0.00	0.00	0.00	6.67	65.05	65.25	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.20
425	0.060	16.50	0.00	0.00	0.00	6.72	65.03	65.23	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.19
426	0.050	16.50	0.00	0.00	0.00	6.76	65.02	65.22	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.18
427	0.040	16.50	0.00	0.00	0.00	6.80	65.00	65.20	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.17
428	0.030	16.50	0.00	0.00	0.00	6.85	64.98	65.18	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.16
429	0.020	16.50	0.00	0.00	0.00	6.89	64.96	65.16	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	61.15
430	0.010	16.50	0.00	0.00	0.00	6.92	64.68	64.88	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	60.89
431	0.000	16.50	0.00	0.00	0.00	6.47	50.62	50.82	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	47.59

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH MONROE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 0.07 DAYS

MAXIMUM EFFLUENT = 95.26 PERCENT

FLOW = 0.00597 TO 0.00597 cms  
 DISPERSION = 0.0186 TO 0.0186 sq m/s  
 VELOCITY = 0.09733 TO 0.09733 m/s  
 DEPTH = 0.10 TO 0.10 m

Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

WIDTH = 0.61 TO 0.61 m  
 BOD DECAY = 0.13 TO 0.13 per day  
 NH3 DECAY = 0.00 TO 0.00 per day  
 SDMNT OXYGEN DMND= 0.69 TO 0.90 g/sq m/d  
 NH3 SOURCE = 0.00 TO 0.00 g/sq m/d  
 REAERATION = 19.02 TO 19.02 per day  
 BOD SETTLING = 0.09 TO 0.09 per day  
 ORGN DECAY = 0.00 TO 0.00 per day  
 ORGN SETTLING = 0.00 TO 0.00 per day  
 TEMPERATURE = 16.50 TO 16.50 deg C  
 DISSOLVED OXYGEN = 2.29 TO 6.92 mg/L

FINAL REPORT NORTH GATE DITCH BAYOU CHAUVIN PROJECTION  
 REACH NO. 15 N GATE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
457	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
457	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
458	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
459	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
460	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
461	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
462	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
463	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
464	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
465	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
466	0.51	0.50	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
467	0.50	0.49	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
468	0.49	0.48	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
469	0.48	0.47	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
470	0.47	0.46	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
471	0.46	0.45	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
472	0.45	0.44	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
473	0.44	0.43	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
474	0.43	0.42	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005

475	0.42	0.41	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
476	0.41	0.40	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
477	0.40	0.39	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
478	0.39	0.38	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
479	0.38	0.37	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
480	0.37	0.36	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
481	0.36	0.35	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
482	0.35	0.34	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
483	0.34	0.33	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
484	0.33	0.32	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
485	0.32	0.31	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
486	0.31	0.30	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
487	0.30	0.29	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
488	0.29	0.28	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
489	0.28	0.27	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
490	0.27	0.26	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
491	0.26	0.25	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
492	0.25	0.24	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
493	0.24	0.23	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
494	0.23	0.22	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
495	0.22	0.21	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
496	0.21	0.20	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
497	0.20	0.19	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
498	0.19	0.18	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
499	0.18	0.17	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
500	0.17	0.16	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
501	0.16	0.15	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
502	0.15	0.14	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
503	0.14	0.13	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
504	0.13	0.12	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
505	0.12	0.11	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
506	0.11	0.10	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
507	0.10	0.09	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
508	0.09	0.08	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
509	0.08	0.07	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
510	0.07	0.06	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
511	0.06	0.05	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
512	0.05	0.04	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
513	0.04	0.03	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
514	0.03	0.02	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
515	0.02	0.01	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
516	0.01	0.00	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005

TOT						1.51			36.82	366.00					
AVG					0.00461		0.10	0.61			0.06				
CUM						1.51									

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM ENDING SAT REAER CBOD CBOD ANBOD BKGD FULL CORR ORGN ORGN NH3 NH3 DENIT PO4 ALG MAC COLI NCM NCM



Chauvin Bayou Watershed TMDL  
 Subsegment 080102  
 Originated: 7/20/2001, Revised 5/29/02

505	0.110	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.08	0.05
506	0.100	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.08	0.05
507	0.090	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.08	0.05
508	0.080	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.08	0.05
509	0.070	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.08	0.05
510	0.060	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.08	0.05
511	0.050	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.08	0.05
512	0.040	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.08	0.05
513	0.030	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.08	0.05
514	0.020	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.08	0.05
515	0.010	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.08	0.05
516	0.000	9.77	6.75	0.13	0.09	0.00	0.00	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05
20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10						0.00									0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
457	0.590	16.50	0.00	0.00	0.00	5.66	4.97	4.97	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	4.98
458	0.580	16.50	0.00	0.00	0.00	6.22	4.94	4.95	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	4.97
459	0.570	16.50	0.00	0.00	0.00	6.70	4.92	4.92	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	4.95
460	0.560	16.50	0.00	0.00	0.00	7.11	4.89	4.90	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	4.94
461	0.550	16.50	0.00	0.00	0.00	7.46	4.86	4.87	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	4.92
462	0.540	16.50	0.00	0.00	0.00	7.76	4.84	4.85	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	4.91
463	0.530	16.50	0.00	0.00	0.00	8.01	4.81	4.82	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	4.89
464	0.520	16.50	0.00	0.00	0.00	8.23	4.78	4.80	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00	4.88
465	0.510	16.50	0.00	0.00	0.00	8.42	4.76	4.77	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	4.86
466	0.500	16.50	0.00	0.00	0.00	8.58	4.73	4.75	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	4.85
467	0.490	16.50	0.00	0.00	0.00	8.72	4.71	4.72	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	4.83
468	0.480	16.50	0.00	0.00	0.00	8.84	4.68	4.70	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.82
469	0.470	16.50	0.00	0.00	0.00	8.94	4.65	4.68	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	4.80
470	0.460	16.50	0.00	0.00	0.00	9.03	4.63	4.65	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	4.79
471	0.450	16.50	0.00	0.00	0.00	9.10	4.60	4.63	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	4.77
472	0.440	16.50	0.00	0.00	0.00	9.17	4.58	4.61	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	4.76
473	0.430	16.50	0.00	0.00	0.00	9.23	4.55	4.58	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00	4.74
474	0.420	16.50	0.00	0.00	0.00	9.27	4.53	4.56	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	4.73
475	0.410	16.50	0.00	0.00	0.00	9.31	4.50	4.54	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00	4.71
476	0.400	16.50	0.00	0.00	0.00	9.35	4.48	4.51	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	4.70
477	0.390	16.50	0.00	0.00	0.00	9.38	4.45	4.49	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	4.68
478	0.380	16.50	0.00	0.00	0.00	9.41	4.43	4.47	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	4.67
479	0.370	16.50	0.00	0.00	0.00	9.43	4.41	4.44	0.00	0.00	0.00	0.00	0.00	1.92	0.00	0.00	4.65
480	0.360	16.50	0.00	0.00	0.00	9.45	4.38	4.42	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	4.64
481	0.350	16.50	0.00	0.00	0.00	9.47	4.36	4.40	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	4.62
482	0.340	16.50	0.00	0.00	0.00	9.49	4.33	4.38	0.00	0.00	0.00	0.00	0.00	2.17	0.00	0.00	4.61
483	0.330	16.50	0.00	0.00	0.00	9.50	4.31	4.35	0.00	0.00	0.00	0.00	0.00	2.25	0.00	0.00	4.59

484	0.320	16.50	0.00	0.00	0.00	9.51	4.29	4.33	0.00	0.00	0.00	0.00	0.00	2.33	0.00	0.00	4.58
485	0.310	16.50	0.00	0.00	0.00	9.52	4.26	4.31	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	4.57
486	0.300	16.50	0.00	0.00	0.00	9.53	4.24	4.29	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.55
487	0.290	16.50	0.00	0.00	0.00	9.54	4.22	4.27	0.00	0.00	0.00	0.00	0.00	2.58	0.00	0.00	4.54
488	0.280	16.50	0.00	0.00	0.00	9.55	4.19	4.25	0.00	0.00	0.00	0.00	0.00	2.67	0.00	0.00	4.52
489	0.270	16.50	0.00	0.00	0.00	9.56	4.17	4.22	0.00	0.00	0.00	0.00	0.00	2.75	0.00	0.00	4.51
490	0.260	16.50	0.00	0.00	0.00	9.56	4.15	4.20	0.00	0.00	0.00	0.00	0.00	2.83	0.00	0.00	4.49
491	0.250	16.50	0.00	0.00	0.00	9.57	4.12	4.18	0.00	0.00	0.00	0.00	0.00	2.92	0.00	0.00	4.48
492	0.240	16.50	0.00	0.00	0.00	9.57	4.10	4.16	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	4.47
493	0.230	16.50	0.00	0.00	0.00	9.58	4.08	4.14	0.00	0.00	0.00	0.00	0.00	3.08	0.00	0.00	4.45
494	0.220	16.50	0.00	0.00	0.00	9.58	4.06	4.12	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00	4.44
495	0.210	16.50	0.00	0.00	0.00	9.59	4.03	4.10	0.00	0.00	0.00	0.00	0.00	3.25	0.00	0.00	4.43
496	0.200	16.50	0.00	0.00	0.00	9.59	4.01	4.08	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	4.41
497	0.190	16.50	0.00	0.00	0.00	9.59	3.99	4.06	0.00	0.00	0.00	0.00	0.00	3.42	0.00	0.00	4.40
498	0.180	16.50	0.00	0.00	0.00	9.60	3.97	4.04	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	4.38
499	0.170	16.50	0.00	0.00	0.00	9.60	3.95	4.02	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00	4.37
500	0.160	16.50	0.00	0.00	0.00	9.60	3.92	4.00	0.00	0.00	0.00	0.00	0.00	3.67	0.00	0.00	4.36
501	0.150	16.50	0.00	0.00	0.00	9.61	3.90	3.98	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	4.34
502	0.140	16.50	0.00	0.00	0.00	9.61	3.88	3.96	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	4.33
503	0.130	16.50	0.00	0.00	0.00	9.61	3.86	3.94	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	4.32
504	0.120	16.50	0.00	0.00	0.00	9.62	3.84	3.92	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	4.30
505	0.110	16.50	0.00	0.00	0.00	9.62	3.82	3.90	0.00	0.00	0.00	0.00	0.00	4.08	0.00	0.00	4.29
506	0.100	16.50	0.00	0.00	0.00	9.62	3.80	3.88	0.00	0.00	0.00	0.00	0.00	4.17	0.00	0.00	4.28
507	0.090	16.50	0.00	0.00	0.00	9.62	3.78	3.86	0.00	0.00	0.00	0.00	0.00	4.25	0.00	0.00	4.26
508	0.080	16.50	0.00	0.00	0.00	9.63	3.76	3.84	0.00	0.00	0.00	0.00	0.00	4.33	0.00	0.00	4.25
509	0.070	16.50	0.00	0.00	0.00	9.63	3.74	3.82	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	4.24
510	0.060	16.50	0.00	0.00	0.00	9.63	3.71	3.80	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	4.22
511	0.050	16.50	0.00	0.00	0.00	9.63	3.69	3.79	0.00	0.00	0.00	0.00	0.00	4.58	0.00	0.00	4.21
512	0.040	16.50	0.00	0.00	0.00	9.64	3.67	3.77	0.00	0.00	0.00	0.00	0.00	4.67	0.00	0.00	4.20
513	0.030	16.50	0.00	0.00	0.00	9.64	3.65	3.75	0.00	0.00	0.00	0.00	0.00	4.75	0.00	0.00	4.18
514	0.020	16.50	0.00	0.00	0.00	9.64	3.64	3.74	0.00	0.00	0.00	0.00	0.00	4.83	0.00	0.00	4.17
515	0.010	16.50	0.00	0.00	0.00	9.62	3.85	3.95	0.00	0.00	0.00	0.00	0.00	4.92	0.00	0.00	4.38
516	0.000	16.50	0.00	0.00	0.00	8.23	16.45	16.55	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.94

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTH GATE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME = 1.51 DAYS

MAXIMUM EFFLUENT = 0.00 PERCENT

FLOW = 0.00028 TO 0.00028 cms  
 DISPERSION = 0.0009 TO 0.0009 sq m/s  
 VELOCITY = 0.00461 TO 0.00461 m/s  
 DEPTH = 0.10 TO 0.10 m  
 WIDTH = 0.61 TO 0.61 m

BOD DECAY	=	0.13	TO	0.13	per day
NH3 DECAY	=	0.00	TO	0.00	per day
SDMNT OXYGEN DMND	=	0.05	TO	0.23	g/sq m/d
NH3 SOURCE	=	0.00	TO	0.00	g/sq m/d
REAERATION	=	6.75	TO	6.75	per day
BOD SETTLING	=	0.09	TO	0.09	per day
ORGN DECAY	=	0.00	TO	0.00	per day
ORGN SETTLING	=	0.00	TO	0.00	per day
TEMPERATURE	=	16.50	TO	16.50	deg C
DISSOLVED OXYGEN	=	5.66	TO	9.64	mg/L

FINAL REPORT      NORTHSIDE DITCH      BAYOU CHAUVIN PROJECTION  
 REACH NO. 17      N SIDE ESTATES POND TO B CHAUVIN

\*\*\*\*\* REACH INPUTS \*\*\*\*\*

ELEM NO.	TYPE	FLOW cms	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	PHOS mg/L	CHL A µg/L	COLI #/100mL	NCM *
557	HDWTR	0.00028	28.50	0.00	10.00	7.00	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

\*\*\*\*\* HYDRAULIC PARAMETER VALUES \*\*\*\*\*

ELEM NO.	BEGIN DIST km	ENDING DIST km	FLOW cms	PCT EFF	ADVCTV VELO m/s	TRAVEL TIME days	DEPTH m	WIDTH m	VOLUME cu m	SURFACE AREA sq m	X-SECT AREA sq m	TIDAL PRISM cu m	TIDAL VELO m/s	DISPRSN sq m/s	MEAN VELO m/s
557	0.70	0.69	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
558	0.69	0.68	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
559	0.68	0.67	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
560	0.67	0.66	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
561	0.66	0.65	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
562	0.65	0.64	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
563	0.64	0.63	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
564	0.63	0.62	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
565	0.62	0.61	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
566	0.61	0.60	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
567	0.60	0.59	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
568	0.59	0.58	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
569	0.58	0.57	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
570	0.57	0.56	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
571	0.56	0.55	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
572	0.55	0.54	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
573	0.54	0.53	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
574	0.53	0.52	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005
575	0.52	0.51	0.00028	0.00	0.00461	0.03	0.10	0.61	0.61	6.10	0.06	0.00	0.000	0.001	0.005



TOT		1.76			42.96	427.00															
AVG	0.00461			0.10	0.61										0.06						
CUM		1.76																			

\*\*\*\*\* BIOLOGICAL AND PHYSICAL COEFFICIENTS \*\*\*\*\*

ELEM NO.	ENDING DIST	SAT D.O. mg/L	REAER RATE 1/da	CBOD DECA 1/da	CBOD SETT 1/da	ANBOD DECA 1/da	BKGD SOD *	FULL SOD *	CORR SOD *	ORGN DECA 1/da	ORGN SETT 1/da	NH3 DECA 1/da	NH3 SRCE *	DENIT RATE 1/da	PO4 SRCE *	ALG PROD **	MAC PROD **	COLI DECA 1/da	NCM DECA 1/da	NCM SETT 1/da
557	0.690	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.08	0.05
558	0.680	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.08	0.05
559	0.670	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.08	0.05
560	0.660	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.08	0.05
561	0.650	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.08	0.05
562	0.640	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.08	0.05
563	0.630	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.08	0.05
564	0.620	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.08	0.05
565	0.610	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.08	0.05
566	0.600	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.08	0.05
567	0.590	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.08	0.05
568	0.580	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.08	0.05
569	0.570	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.08	0.05
570	0.560	9.77	6.75	0.13	0.09	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.08	0.05
571	0.550	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.08	0.05
572	0.540	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.08	0.05
573	0.530	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.08	0.05
574	0.520	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.08	0.05
575	0.510	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.08	0.05
576	0.500	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.08	0.05
577	0.490	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.08	0.05
578	0.480	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.08	0.05
579	0.470	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.08	0.05
580	0.460	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.08	0.05
581	0.450	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.08	0.05
582	0.440	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.08	0.05
583	0.430	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.08	0.05
584	0.420	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.08	0.05
585	0.410	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.08	0.05
586	0.400	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.08	0.05
587	0.390	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.08	0.05
588	0.380	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.08	0.05
589	0.370	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.08	0.05
590	0.360	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.08	0.05
591	0.350	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.08	0.05
592	0.340	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.08	0.05
593	0.330	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.08	0.05
594	0.320	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.08	0.05
595	0.310	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.08	0.05

596	0.300	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.08	0.05
597	0.290	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.08	0.05
598	0.280	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.08	0.05
599	0.270	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.08	0.05
600	0.260	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.08	0.05
601	0.250	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.08	0.05
602	0.240	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.08	0.05
603	0.230	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.08	0.05
604	0.220	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.08	0.05
605	0.210	9.77	6.75	0.13	0.09	0.00	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.08	0.05
606	0.200	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.08	0.05
607	0.190	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.08	0.05
608	0.180	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.08	0.05
609	0.170	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.08	0.05
610	0.160	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.08	0.05
611	0.150	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.08	0.05
612	0.140	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.08	0.05
613	0.130	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.08	0.05
614	0.120	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.08	0.05
615	0.110	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.08	0.05
616	0.100	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.08	0.05
617	0.090	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.08	0.05
618	0.080	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.08	0.05
619	0.070	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.08	0.05
620	0.060	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.08	0.05
621	0.050	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.08	0.05
622	0.040	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.08	0.05
623	0.030	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.08	0.05
624	0.020	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.08	0.05
625	0.010	9.77	6.75	0.13	0.09	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.08	0.05
626	0.000	9.77	6.75	0.13	0.09	0.00	0.00	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.08	0.05

20 DEG C RATE				0.15		0.00	0.00			0.00		0.00	0.00	0.00	0.00			0.00	0.10	
AVG 20 DEG C RATE			7.26		0.10					0.00										0.05

\* g/sq m/d                      \*\* mg/L/day

\*\*\*\*\* WATER QUALITY CONSTITUENT VALUES \*\*\*\*\*

ELEM NO.	ENDING DIST	TEMP DEG C	SALN PPT	CM-I *	CM-II *	DO mg/L	BOD mg/L	EBOD mg/L	ORGN mg/L	NH3 mg/L	NO3+2 mg/L	TOTN mg/L	PHOS mg/L	CHL A µg/L	MACRO **	COLI #/100mL	NCM *
557	0.690	16.50	0.00	0.00	0.00	5.66	4.97	4.97	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	4.98
558	0.680	16.50	0.00	0.00	0.00	6.22	4.94	4.95	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	4.97
559	0.670	16.50	0.00	0.00	0.00	6.70	4.92	4.92	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.95
560	0.660	16.50	0.00	0.00	0.00	7.11	4.89	4.90	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	4.94
561	0.650	16.50	0.00	0.00	0.00	7.46	4.86	4.87	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	4.92
562	0.640	16.50	0.00	0.00	0.00	7.75	4.84	4.85	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	4.91
563	0.630	16.50	0.00	0.00	0.00	8.01	4.81	4.82	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	4.89
564	0.620	16.50	0.00	0.00	0.00	8.23	4.78	4.80	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	4.88

565	0.610	16.50	0.00	0.00	0.00	8.42	4.76	4.77	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	4.86
566	0.600	16.50	0.00	0.00	0.00	8.58	4.73	4.75	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	4.85
567	0.590	16.50	0.00	0.00	0.00	8.72	4.71	4.72	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	4.83
568	0.580	16.50	0.00	0.00	0.00	8.84	4.68	4.70	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	4.82
569	0.570	16.50	0.00	0.00	0.00	8.94	4.65	4.67	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	4.80
570	0.560	16.50	0.00	0.00	0.00	9.03	4.63	4.65	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.79
571	0.550	16.50	0.00	0.00	0.00	9.10	4.60	4.63	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	4.77
572	0.540	16.50	0.00	0.00	0.00	9.17	4.58	4.60	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	4.76
573	0.530	16.50	0.00	0.00	0.00	9.22	4.55	4.58	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	4.74
574	0.520	16.50	0.00	0.00	0.00	9.27	4.53	4.55	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	4.73
575	0.510	16.50	0.00	0.00	0.00	9.31	4.50	4.53	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	4.71
576	0.500	16.50	0.00	0.00	0.00	9.35	4.48	4.51	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.00	4.70
577	0.490	16.50	0.00	0.00	0.00	9.38	4.45	4.48	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	4.68
578	0.480	16.50	0.00	0.00	0.00	9.41	4.43	4.46	0.00	0.00	0.00	0.00	0.00	1.57	0.00	0.00	4.67
579	0.470	16.50	0.00	0.00	0.00	9.43	4.41	4.44	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	4.65
580	0.460	16.50	0.00	0.00	0.00	9.45	4.38	4.42	0.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	4.64
581	0.450	16.50	0.00	0.00	0.00	9.47	4.36	4.39	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00	4.62
582	0.440	16.50	0.00	0.00	0.00	9.48	4.33	4.37	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	4.61
583	0.430	16.50	0.00	0.00	0.00	9.50	4.31	4.35	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	4.59
584	0.420	16.50	0.00	0.00	0.00	9.51	4.29	4.33	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	4.58
585	0.410	16.50	0.00	0.00	0.00	9.52	4.26	4.30	0.00	0.00	0.00	0.00	0.00	2.07	0.00	0.00	4.57
586	0.400	16.50	0.00	0.00	0.00	9.53	4.24	4.28	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00	4.55
587	0.390	16.50	0.00	0.00	0.00	9.54	4.22	4.26	0.00	0.00	0.00	0.00	0.00	2.21	0.00	0.00	4.54
588	0.380	16.50	0.00	0.00	0.00	9.54	4.19	4.24	0.00	0.00	0.00	0.00	0.00	2.29	0.00	0.00	4.52
589	0.370	16.50	0.00	0.00	0.00	9.55	4.17	4.22	0.00	0.00	0.00	0.00	0.00	2.36	0.00	0.00	4.51
590	0.360	16.50	0.00	0.00	0.00	9.56	4.15	4.20	0.00	0.00	0.00	0.00	0.00	2.43	0.00	0.00	4.49
591	0.350	16.50	0.00	0.00	0.00	9.56	4.12	4.17	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	4.48
592	0.340	16.50	0.00	0.00	0.00	9.57	4.10	4.15	0.00	0.00	0.00	0.00	0.00	2.57	0.00	0.00	4.47
593	0.330	16.50	0.00	0.00	0.00	9.57	4.08	4.13	0.00	0.00	0.00	0.00	0.00	2.64	0.00	0.00	4.45
594	0.320	16.50	0.00	0.00	0.00	9.57	4.06	4.11	0.00	0.00	0.00	0.00	0.00	2.71	0.00	0.00	4.44
595	0.310	16.50	0.00	0.00	0.00	9.58	4.03	4.09	0.00	0.00	0.00	0.00	0.00	2.79	0.00	0.00	4.43
596	0.300	16.50	0.00	0.00	0.00	9.58	4.01	4.07	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	4.41
597	0.290	16.50	0.00	0.00	0.00	9.59	3.99	4.05	0.00	0.00	0.00	0.00	0.00	2.93	0.00	0.00	4.40
598	0.280	16.50	0.00	0.00	0.00	9.59	3.97	4.03	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	4.38
599	0.270	16.50	0.00	0.00	0.00	9.59	3.95	4.01	0.00	0.00	0.00	0.00	0.00	3.07	0.00	0.00	4.37
600	0.260	16.50	0.00	0.00	0.00	9.60	3.92	3.99	0.00	0.00	0.00	0.00	0.00	3.14	0.00	0.00	4.36
601	0.250	16.50	0.00	0.00	0.00	9.60	3.90	3.97	0.00	0.00	0.00	0.00	0.00	3.21	0.00	0.00	4.34
602	0.240	16.50	0.00	0.00	0.00	9.60	3.88	3.95	0.00	0.00	0.00	0.00	0.00	3.29	0.00	0.00	4.33
603	0.230	16.50	0.00	0.00	0.00	9.60	3.86	3.93	0.00	0.00	0.00	0.00	0.00	3.36	0.00	0.00	4.32
604	0.220	16.50	0.00	0.00	0.00	9.61	3.84	3.91	0.00	0.00	0.00	0.00	0.00	3.43	0.00	0.00	4.30
605	0.210	16.50	0.00	0.00	0.00	9.61	3.82	3.89	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	4.29
606	0.200	16.50	0.00	0.00	0.00	9.61	3.80	3.87	0.00	0.00	0.00	0.00	0.00	3.57	0.00	0.00	4.28
607	0.190	16.50	0.00	0.00	0.00	9.61	3.78	3.85	0.00	0.00	0.00	0.00	0.00	3.64	0.00	0.00	4.26
608	0.180	16.50	0.00	0.00	0.00	9.62	3.76	3.83	0.00	0.00	0.00	0.00	0.00	3.71	0.00	0.00	4.25
609	0.170	16.50	0.00	0.00	0.00	9.62	3.74	3.81	0.00	0.00	0.00	0.00	0.00	3.79	0.00	0.00	4.24
610	0.160	16.50	0.00	0.00	0.00	9.62	3.71	3.79	0.00	0.00	0.00	0.00	0.00	3.86	0.00	0.00	4.22
611	0.150	16.50	0.00	0.00	0.00	9.62	3.69	3.77	0.00	0.00	0.00	0.00	0.00	3.93	0.00	0.00	4.21
612	0.140	16.50	0.00	0.00	0.00	9.63	3.67	3.75	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	4.20
613	0.130	16.50	0.00	0.00	0.00	9.63	3.65	3.74	0.00	0.00	0.00	0.00	0.00	4.07	0.00	0.00	4.18
614	0.120	16.50	0.00	0.00	0.00	9.63	3.63	3.72	0.00	0.00	0.00	0.00	0.00	4.14	0.00	0.00	4.17
615	0.110	16.50	0.00	0.00	0.00	9.63	3.61	3.70	0.00	0.00	0.00	0.00	0.00	4.21	0.00	0.00	4.16

616	0.100	16.50	0.00	0.00	0.00	9.64	3.59	3.68	0.00	0.00	0.00	0.00	0.00	4.29	0.00	0.00	4.14
617	0.090	16.50	0.00	0.00	0.00	9.64	3.57	3.66	0.00	0.00	0.00	0.00	0.00	4.36	0.00	0.00	4.13
618	0.080	16.50	0.00	0.00	0.00	9.64	3.55	3.64	0.00	0.00	0.00	0.00	0.00	4.43	0.00	0.00	4.12
619	0.070	16.50	0.00	0.00	0.00	9.64	3.54	3.63	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	4.10
620	0.060	16.50	0.00	0.00	0.00	9.64	3.52	3.61	0.00	0.00	0.00	0.00	0.00	4.57	0.00	0.00	4.09
621	0.050	16.50	0.00	0.00	0.00	9.65	3.50	3.59	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	4.08
622	0.040	16.50	0.00	0.00	0.00	9.65	3.48	3.57	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	4.07
623	0.030	16.50	0.00	0.00	0.00	9.65	3.46	3.55	0.00	0.00	0.00	0.00	0.00	4.79	0.00	0.00	4.05
624	0.020	16.50	0.00	0.00	0.00	9.65	3.44	3.54	0.00	0.00	0.00	0.00	0.00	4.86	0.00	0.00	4.05
625	0.010	16.50	0.00	0.00	0.00	9.63	3.65	3.75	0.00	0.00	0.00	0.00	0.00	4.93	0.00	0.00	4.24
626	0.000	16.50	0.00	0.00	0.00	8.41	15.72	15.82	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	15.52

\* CM-I = CHLORIDES  
 MG/L

CM-II = SULFATES  
 MG/L

NCM = NBOD  
 MG/L

\*\* g/cu m

STREAM SUMMARY  
 NORTHSIDE DITCH

BAYOU CHAUVIN PROJECTION

TRAVEL TIME	=	1.76	DAYS
MAXIMUM EFFLUENT	=	0.00	PERCENT
FLOW	=	0.00028	TO 0.00028 cms
DISPERSION	=	0.0009	TO 0.0009 sq m/s
VELOCITY	=	0.00461	TO 0.00461 m/s
DEPTH	=	0.10	TO 0.10 m
WIDTH	=	0.61	TO 0.61 m
BOD DECAY	=	0.13	TO 0.13 per day
NH3 DECAY	=	0.00	TO 0.00 per day
SDMNT OXYGEN DMND	=	0.05	TO 0.22 g/sq m/d
NH3 SOURCE	=	0.00	TO 0.00 g/sq m/d
REAERATION	=	6.75	TO 6.75 per day
BOD SETTLING	=	0.09	TO 0.09 per day
ORGN DECAY	=	0.00	TO 0.00 per day
ORGN SETTLING	=	0.00	TO 0.00 per day
TEMPERATURE	=	16.50	TO 16.50 deg C
DISSOLVED OXYGEN	=	5.66	TO 9.65 mg/L

.....EXECUTION COMPLETED