

VMK

VMK JOB NO. 467-05

ALLIGATOR BAYOU PONDING STUDY
PORT ARTHUR, TEXAS

VOLUME 2 OF 2

APPENDIX E AND F

PREPARED FOR:

CITY OF PORT ARTHUR
AND
JEFFERSON COUNTY DRAINAGE DISTRICT NO. 7

PREPARED BY:

VANSICKLE · MICKELSON & KLEIN, INC.
7500 SAN FELIPE, SUITE 700
HOUSTON, TEXAS 77063

APRIL, 1990

APPENDIX E

T1 ALLIGATOR BAYOU PONDING STUDY -- VANSICKLE, MICKELSON & KLEIN -- APRIL 1990

T2 FILENAME: ALLIGPUM.BP INPUT HYDROGRAPH: ALLIG1.H1

T3 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD 4 PUMPS

T4 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- -2' STARTING ELEVATION

J1	150	1	0	0	60	2400	1	4	0	
J2	98.0	0	98.0	98.0	0.0	0.0	0.0	102.7	1	
PE	98.0	99.0	100.0	101.0	102.0	103.0	104.0	105.0		
PC	0.0	2212.	4846.	8132.	12290.	17948.	24290.	32321.		
GP										
EU	98.0	98.4	98.5	98.9	99.0	99.4	99.5	99.9	100.0	105.0
QU	2330.	2355.	3495.	3540.	4680.	4730.	6915.	7020.	9120.	10000.
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	99.	106.	202.	162.	155.	214.	162.	172.	235.	231.
IP	514.	557.	1124.	2123.	3187.	5230.	11574.	12095.	12379.	12670.
IP12283.	12041.	12301.	10935.	10546.	9869.	9422.	10698.	8872.	8730.	
IP 8492.	6836.	8107.	7519.	5855.	7419.	6543.	5226.	6944.	6137.	
IP 4278.	5409.	4795.	3779.	4477.	3809.	2892.	3999.	3285.	2437.	
IP 2737.	2492.	2377.	2243.	2204.	2172.	2071.	2008.	1958.	1875.	
IP 1739.	1690.	1564.	1490.	1440.	1339.	1265.	1241.	1140.	1091.	
IP 1066.	990.	939.	975.	856.	825.	815.	741.	693.	709.	
IP 631.	604.	614.	557.	523.	552.	486.	471.	529.	442.	
IP 417.	454.	393.	385.	411.	369.	349.	391.	337.	333.	
IP 363.	324.	308.	391.	301.	299.	331.	294.	279.	324.	
IP 274.	274.	307.	271.	259.	307.	260.	262.	337.	265.	
IP 253.	302.	254.	255.	289.	254.	241.	289.	241.	242.	
IP 277.	243.	231.	318.	233.	234.	270.	237.	226.	275.	
IP 229.	231.	268.	235.	224.	274.	227.	230.	305.	182.	

NJ

T4 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- -1' STARTING ELEVATION

J1	150	1	0	0	60	2400	1	4	0	
J2	99.0	0	99.0	98.9	0.0	0.0	0.0	102.7	1	
PE	99.0	100.0	101.0	102.0	103.0	104.0	105.0			
PC	0.0	2634.	5920.	10078.	15736.	22078.	30109.			
GP										
EU	99.0	99.4	99.5	99.9	100.0	100.4	100.5	100.9	101.0	105.0
QU	2380.	2405.	3585.	3630.	4780.	4830.	7125.	7230.	9400.	10000.
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	99.	106.	202.	162.	155.	214.	162.	172.	235.	231.
IP	514.	557.	1124.	2123.	3187.	5230.	11574.	12095.	12379.	12670.
IP12283.	12041.	12301.	10935.	10546.	9869.	9422.	10698.	8872.	8730.	
IP 8492.	6836.	8107.	7519.	5855.	7419.	6543.	5226.	6944.	6137.	
IP 4278.	5409.	4795.	3779.	4477.	3809.	2892.	3999.	3285.	2437.	
IP 2737.	2492.	2377.	2243.	2204.	2172.	2071.	2008.	1958.	1875.	
IP 1739.	1690.	1564.	1490.	1440.	1339.	1265.	1241.	1140.	1091.	
IP 1066.	990.	939.	975.	856.	825.	815.	741.	693.	709.	
IP 631.	604.	614.	557.	523.	552.	486.	471.	529.	442.	
IP 417.	454.	393.	385.	411.	369.	349.	391.	337.	333.	
IP 363.	324.	308.	391.	301.	299.	331.	294.	279.	324.	
IP 274.	274.	307.	271.	259.	307.	260.	262.	337.	265.	
IP 253.	302.	254.	255.	289.	254.	241.	289.	241.	242.	
IP 277.	243.	231.	318.	233.	234.	270.	237.	226.	275.	
IP 229.	231.	268.	235.	224.	274.	227.	230.	305.	182.	

NJ

T4 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- 0' STARTING ELEVATION

J1	150	1	0	0	60	2400	1	4	0
----	-----	---	---	---	----	------	---	---	---

J2	100.0	0	100.0	99.0	0.0	0.0	0.0	102.7	1	
PE	100.0	101.0	102.0	103.0	104.0	105.0				
PC	0.0	3286.	7444.	13102.	19444.	27475.				
GP										
EU	100.0	100.4	100.5	100.9	101.0	101.4	101.5	101.9	102.0	105.0
QU	2430.	2445.	4830.	4880.	6075.	6110.	8435.	8540.	9680.	10000.
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	99.	106.	202.	162.	155.	214.	162.	172.	235.	231.
IP	514.	557.	1124.	2123.	3187.	5230.	11574.	12095.	12379.	12670.
IP12283.	12041.	12301.	10935.	10546.	9869.	9422.	10698.	8872.	8730.	
IP	8492.	6836.	8107.	7519.	5855.	7419.	6543.	5226.	6944.	6137.
IP	4278.	5409.	4795.	3779.	4477.	3809.	2892.	3999.	3285.	2437.
IP	2737.	2492.	2377.	2243.	2204.	2172.	2071.	2008.	1958.	1875.
IP	1739.	1690.	1564.	1490.	1440.	1339.	1265.	1241.	1140.	1091.
IP	1066.	990.	939.	975.	856.	825.	815.	741.	693.	709.
IP	631.	604.	614.	557.	523.	552.	486.	471.	529.	442.
IP	417.	454.	393.	385.	411.	369.	349.	391.	337.	333.
IP	363.	324.	308.	391.	301.	299.	331.	294.	279.	324.
IP	274.	274.	307.	271.	259.	307.	260.	262.	337.	265.
IP	253.	302.	254.	255.	289.	254.	241.	289.	241.	242.
IP	277.	243.	231.	318.	233.	234.	270.	237.	226.	275.
IP	229.	231.	268.	235.	224.	274.	227.	230.	305.	182.

NJ

T4 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- +1' STARTING ELEVATION

J1	150	1	0	0	60	2400	1	4	0	
J2	101.0	0	101.0	100.0	0.0	0.0	0.0	102.7	1	
PE	101.0	102.0	103.0	104.0	105.0					
PC	0.0	4158.	9816.	16158.	24189.					
GP										
EU	101.0	101.4	101.5	101.9	102.0	103.0	104.0	105.0		
QU	3675.	3695.	6110.	6150.	9680.	9840.	9960.	10000.		
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	99.	106.	202.	162.	155.	214.	162.	172.	235.	231.
IP	514.	557.	1124.	2123.	3187.	5230.	11574.	12095.	12379.	12670.
IP12283.	12041.	12301.	10935.	10546.	9869.	9422.	10698.	8872.	8730.	
IP	8492.	6836.	8107.	7519.	5855.	7419.	6543.	5226.	6944.	6137.
IP	4278.	5409.	4795.	3779.	4477.	3809.	2892.	3999.	3285.	2437.
IP	2737.	2492.	2377.	2243.	2204.	2172.	2071.	2008.	1958.	1875.
IP	1739.	1690.	1564.	1490.	1440.	1339.	1265.	1241.	1140.	1091.
IP	1066.	990.	939.	975.	856.	825.	815.	741.	693.	709.
IP	631.	604.	614.	557.	523.	552.	486.	471.	529.	442.
IP	417.	454.	393.	385.	411.	369.	349.	391.	337.	333.
IP	363.	324.	308.	391.	301.	299.	331.	294.	279.	324.
IP	274.	274.	307.	271.	259.	307.	260.	262.	337.	265.
IP	253.	302.	254.	255.	289.	254.	241.	289.	241.	242.
IP	277.	243.	231.	318.	233.	234.	270.	237.	226.	275.
IP	229.	231.	268.	235.	224.	274.	227.	230.	305.	182.

ZZ

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	98.00	.00
200	2	4	0.	102.70	.0	106.0	106.0	.0	.0	.0	106.0	106.0	98.00	.00
300	2	4	0.	102.70	.0	202.0	202.0	.0	.0	.0	202.0	202.0	98.00	.00
400	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	98.00	.00
500	2	4	0.	102.70	.0	155.0	155.0	.0	.0	.0	155.0	155.0	98.00	.00
600	2	4	0.	102.70	.0	214.0	214.0	.0	.0	.0	214.0	214.0	98.00	.00
700	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	98.00	.00
800	2	4	0.	102.70	.0	172.0	172.0	.0	.0	.0	172.0	172.0	98.00	.00
900	2	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	98.00	.00
1000	2	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	98.00	.00
1100	2	4	0.	102.70	.0	514.0	514.0	.0	.0	.0	514.0	514.0	98.00	.00
1200	2	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	98.00	.00
1300	2	4	0.	102.70	.0	1124.0	1124.0	.0	.0	.0	1124.0	1124.0	98.00	.00
1400	2	4	0.	102.70	.0	2123.0	2123.0	.0	.0	.0	2115.0	2115.0	98.00	.66
1500	2	4	0.	102.70	.0	3187.0	3187.0	.0	.0	.0	2331.0	2331.0	98.03	71.40
1600	2	4	0.	102.70	.0	5230.0	5230.0	.0	.0	.0	2335.4	2335.4	98.14	310.63
1700	2	4	0.	102.70	.0	11574.0	11574.0	.0	.0	.0	2747.1	2747.1	98.47	1040.12
1800	2	4	0.	102.70	.0	12095.0	12095.0	.0	.0	.0	3341.9	3341.9	98.80	1763.51
1900	2	4	0.	102.70	.0	12379.0	12379.0	.0	.0	.0	4109.8	4109.8	99.09	2446.92
2000	2	4	0.	102.70	.0	12670.0	12670.0	.0	.0	.0	4706.8	4706.8	99.34	3105.04
2100	2	4	0.	102.70	.0	12283.0	12283.0	.0	.0	.0	5824.2	5824.2	99.54	3638.83
2200	2	4	0.	102.70	.0	12041.0	12041.0	.0	.0	.0	6946.9	6946.9	99.70	4059.82
2300	2	4	0.	102.70	.0	12301.0	12301.0	.0	.0	.0	6989.8	6989.8	99.87	4498.77
2400	2	4	0.	102.70	.0	10935.0	10935.0	.0	.0	.0	7735.7	7735.7	99.97	4763.17
100	3	4	0.	102.70	.0	10546.0	10546.0	.0	.0	.0	8791.5	8791.5	100.02	4908.17
200	3	4	0.	102.70	.0	9869.0	9869.0	.0	.0	.0	9125.0	9125.0	100.04	4969.66
300	3	4	0.	102.70	.0	9422.0	9422.0	.0	.0	.0	9127.3	9127.3	100.05	4994.02
400	3	4	0.	102.70	.0	10698.0	10698.0	.0	.0	.0	9131.4	9131.4	100.08	5123.49
500	3	4	0.	102.70	.0	8872.0	8872.0	.0	.0	.0	9134.3	9134.3	100.08	5101.81
600	3	4	0.	102.70	.0	8730.0	8730.0	.0	.0	.0	9132.8	9132.8	100.07	5068.52
700	3	4	0.	102.70	.0	8492.0	8492.0	.0	.0	.0	9130.5	9130.5	100.05	5015.76
800	3	4	0.	102.70	.0	6836.0	6836.0	.0	.0	.0	9066.5	9066.5	99.99	4831.42
900	3	4	0.	102.70	.0	8107.0	8107.0	.0	.0	.0	8781.5	8781.5	99.97	4775.67
1000	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	8301.4	8301.4	99.95	4711.01
1100	3	4	0.	102.70	.0	5855.0	5855.0	.0	.0	.0	7531.3	7531.3	99.90	4572.47
1200	3	4	0.	102.70	.0	7419.0	7419.0	.0	.0	.0	7088.1	7088.1	99.91	4599.81
1300	3	4	0.	102.70	.0	6543.0	6543.0	.0	.0	.0	7087.3	7087.3	99.89	4554.83
1400	3	4	0.	102.70	.0	5226.0	5226.0	.0	.0	.0	7009.9	7009.9	99.83	4407.40
1500	3	4	0.	102.70	.0	6944.0	6944.0	.0	.0	.0	7002.3	7002.3	99.83	4402.59
1600	3	4	0.	102.70	.0	6137.0	6137.0	.0	.0	.0	6998.5	6998.5	99.80	4331.39
1700	3	4	0.	102.70	.0	4278.0	4278.0	.0	.0	.0	6983.8	6983.8	99.72	4107.76
1800	3	4	0.	102.70	.0	5409.0	5409.0	.0	.0	.0	6966.3	6966.3	99.67	3979.06
1900	3	4	0.	102.70	.0	4795.0	4795.0	.0	.0	.0	6951.0	6951.0	99.60	3800.89
2000	3	4	0.	102.70	.0	3779.0	3779.0	.0	.0	.0	6929.1	6929.1	99.50	3540.54
2100	3	4	0.	102.70	.0	4477.0	4477.0	.0	.0	.0	6328.7	6328.7	99.45	3387.51
2200	3	4	0.	102.70	.0	3809.0	3809.0	.0	.0	.0	5248.0	5248.0	99.40	3268.59
2300	3	4	0.	102.70	.0	2892.0	2892.0	.0	.0	.0	4738.8	4738.8	99.34	3115.96
2400	3	4	0.	102.70	.0	3999.0	3999.0	.0	.0	.0	4721.5	4721.5	99.32	3056.25

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	4	4	0.	102.70	.0	3285.0	3285.0	.0	.0	.0	4717.3	4717.3	99.28	2937.89
200	4	4	0.	102.70	.0	2437.0	2437.0	.0	.0	.0	4710.0	4710.0	99.20	2750.04
300	4	4	0.	102.70	.0	2737.0	2737.0	.0	.0	.0	4701.7	4701.7	99.14	2587.67
400	4	4	0.	102.70	.0	2492.0	2492.0	.0	.0	.0	4693.5	4693.5	99.07	2405.72
500	4	4	0.	102.70	.0	2377.0	2377.0	.0	.0	.0	4684.7	4684.7	99.00	2215.01
600	4	4	0.	102.70	.0	2243.0	2243.0	.0	.0	.0	4258.6	4258.6	98.93	2048.43
700	4	4	0.	102.70	.0	2204.0	2204.0	.0	.0	.0	3686.9	3686.9	98.87	1925.88
800	4	4	0.	102.70	.0	2172.0	2172.0	.0	.0	.0	3533.8	3533.8	98.82	1813.33
900	4	4	0.	102.70	.0	2071.0	2071.0	.0	.0	.0	3527.9	3527.9	98.77	1692.92
1000	4	4	0.	102.70	.0	2008.0	2008.0	.0	.0	.0	3521.7	3521.7	98.71	1567.83
1100	4	4	0.	102.70	.0	1958.0	1958.0	.0	.0	.0	3515.2	3515.2	98.65	1439.13
1200	4	4	0.	102.70	.0	1875.0	1875.0	.0	.0	.0	3508.5	3508.5	98.59	1304.13
1300	4	4	0.	102.70	.0	1739.0	1739.0	.0	.0	.0	3501.4	3501.4	98.52	1158.48
1400	4	4	0.	102.70	.0	1690.0	1690.0	.0	.0	.0	3290.7	3290.7	98.46	1026.19
1500	4	4	0.	102.70	.0	1564.0	1564.0	.0	.0	.0	2816.9	2816.9	98.42	922.65
1600	4	4	0.	102.70	.0	1490.0	1490.0	.0	.0	.0	2452.0	2452.0	98.38	843.15
1700	4	4	0.	102.70	.0	1440.0	1440.0	.0	.0	.0	2352.8	2352.8	98.35	767.71
1800	4	4	0.	102.70	.0	1339.0	1339.0	.0	.0	.0	2350.5	2350.5	98.31	684.12
1900	4	4	0.	102.70	.0	1265.0	1265.0	.0	.0	.0	2348.1	2348.1	98.27	594.61
2000	4	4	0.	102.70	.0	1241.0	1241.0	.0	.0	.0	2345.5	2345.5	98.23	503.33
2100	4	4	0.	102.70	.0	1140.0	1140.0	.0	.0	.0	2342.8	2342.8	98.18	403.92
2200	4	4	0.	102.70	.0	1091.0	1091.0	.0	.0	.0	2340.0	2340.0	98.14	300.70
2300	4	4	0.	102.70	.0	1066.0	1066.0	.0	.0	.0	2337.0	2337.0	98.09	195.66
2400	4	4	0.	102.70	.0	990.0	990.0	.0	.0	.0	2334.0	2334.0	98.04	84.59
100	5	4	0.	102.70	.0	939.0	939.0	.0	.0	.0	1962.5	1962.5	98.00	.00
200	5	4	0.	102.70	.0	975.0	975.0	.0	.0	.0	975.0	975.0	98.00	.00
300	5	4	0.	102.70	.0	856.0	856.0	.0	.0	.0	856.0	856.0	98.00	.00
400	5	4	0.	102.70	.0	825.0	825.0	.0	.0	.0	825.0	825.0	98.00	.00
500	5	4	0.	102.70	.0	815.0	815.0	.0	.0	.0	815.0	815.0	98.00	.00
600	5	4	0.	102.70	.0	741.0	741.0	.0	.0	.0	741.0	741.0	98.00	.00
700	5	4	0.	102.70	.0	693.0	693.0	.0	.0	.0	693.0	693.0	98.00	.00
800	5	4	0.	102.70	.0	709.0	709.0	.0	.0	.0	709.0	709.0	98.00	.00
900	5	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	98.00	.00
1000	5	4	0.	102.70	.0	604.0	604.0	.0	.0	.0	604.0	604.0	98.00	.00
1100	5	4	0.	102.70	.0	614.0	614.0	.0	.0	.0	614.0	614.0	98.00	.00
1200	5	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	98.00	.00
1300	5	4	0.	102.70	.0	523.0	523.0	.0	.0	.0	523.0	523.0	98.00	.00
1400	5	4	0.	102.70	.0	552.0	552.0	.0	.0	.0	552.0	552.0	98.00	.00
1500	5	4	0.	102.70	.0	486.0	486.0	.0	.0	.0	486.0	486.0	98.00	.00
1600	5	4	0.	102.70	.0	471.0	471.0	.0	.0	.0	471.0	471.0	98.00	.00
1700	5	4	0.	102.70	.0	529.0	529.0	.0	.0	.0	529.0	529.0	98.00	.00
1800	5	4	0.	102.70	.0	442.0	442.0	.0	.0	.0	442.0	442.0	98.00	.00
1900	5	4	0.	102.70	.0	417.0	417.0	.0	.0	.0	417.0	417.0	98.00	.00
2000	5	4	0.	102.70	.0	454.0	454.0	.0	.0	.0	454.0	454.0	98.00	.00
2100	5	4	0.	102.70	.0	393.0	393.0	.0	.0	.0	393.0	393.0	98.00	.00
2200	5	4	0.	102.70	.0	385.0	385.0	.0	.0	.0	385.0	385.0	98.00	.00
2300	5	4	0.	102.70	.0	411.0	411.0	.0	.0	.0	411.0	411.0	98.00	.00
2400	5	4	0.	102.70	.0	369.0	369.0	.0	.0	.0	369.0	369.0	98.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	6	4	0.	102.70	.0	349.0	349.0	.0	.0	.0	349.0	349.0	98.00	.00
200	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	98.00	.00
300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	98.00	.00
400	6	4	0.	102.70	.0	333.0	333.0	.0	.0	.0	333.0	333.0	98.00	.00
500	6	4	0.	102.70	.0	363.0	363.0	.0	.0	.0	363.0	363.0	98.00	.00
600	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	98.00	.00
700	6	4	0.	102.70	.0	308.0	308.0	.0	.0	.0	308.0	308.0	98.00	.00
800	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	98.00	.00
900	6	4	0.	102.70	.0	301.0	301.0	.0	.0	.0	301.0	301.0	98.00	.00
1000	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	98.00	.00
1100	6	4	0.	102.70	.0	331.0	331.0	.0	.0	.0	331.0	331.0	98.00	.00
1200	6	4	0.	102.70	.0	294.0	294.0	.0	.0	.0	294.0	294.0	98.00	.00
1300	6	4	0.	102.70	.0	279.0	279.0	.0	.0	.0	279.0	279.0	98.00	.00
1400	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	98.00	.00
1500	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	98.00	.00
1600	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	98.00	.00
1700	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	98.00	.00
1800	6	4	0.	102.70	.0	271.0	271.0	.0	.0	.0	271.0	271.0	98.00	.00
1900	6	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	98.00	.00
2000	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	98.00	.00
2100	6	4	0.	102.70	.0	260.0	260.0	.0	.0	.0	260.0	260.0	98.00	.00
2200	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	98.00	.00
2300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	98.00	.00
2400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	98.00	.00
100	7	4	0.	102.70	.0	253.0	253.0	.0	.0	.0	253.0	253.0	98.00	.00
200	7	4	0.	102.70	.0	302.0	302.0	.0	.0	.0	302.0	302.0	98.00	.00
300	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	98.00	.00
400	7	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	98.00	.00
500	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	98.00	.00
600	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	98.00	.00
700	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	98.00	.00
800	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	98.00	.00
900	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	98.00	.00
1000	7	4	0.	102.70	.0	242.0	242.0	.0	.0	.0	242.0	242.0	98.00	.00
1100	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	98.00	.00
1200	7	4	0.	102.70	.0	243.0	243.0	.0	.0	.0	243.0	243.0	98.00	.00
1300	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	98.00	.00
1400	7	4	0.	102.70	.0	318.0	318.0	.0	.0	.0	318.0	318.0	98.00	.00
1500	7	4	0.	102.70	.0	233.0	233.0	.0	.0	.0	233.0	233.0	98.00	.00
1600	7	4	0.	102.70	.0	234.0	234.0	.0	.0	.0	234.0	234.0	98.00	.00
1700	7	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	98.00	.00
1800	7	4	0.	102.70	.0	237.0	237.0	.0	.0	.0	237.0	237.0	98.00	.00
1900	7	4	0.	102.70	.0	226.0	226.0	.0	.0	.0	226.0	226.0	98.00	.00
2000	7	4	0.	102.70	.0	275.0	275.0	.0	.0	.0	275.0	275.0	98.00	.00
2100	7	4	0.	102.70	.0	229.0	229.0	.0	.0	.0	229.0	229.0	98.00	.00
2200	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	98.00	.00
2300	7	4	0.	102.70	.0	268.0	268.0	.0	.0	.0	268.0	268.0	98.00	.00
2400	7	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	98.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA		
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME	
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)	
100	8	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	98.00	.00	
200	8	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	98.00	.00	
300	8	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	98.00	.00	
400	8	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	98.00	.00	
500	8	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	98.00	.00	
600	8	4	0.	102.70	.0	182.0	182.0	.0	.0	.0	182.0	182.0	98.00	.00	
***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN			0.	102.70	.0	2298.1	2298.1	.0	.0	.0	2298.1	2298.1	98.46	1083.31	
MAX			0.	102.70	.0	12670.0	12670.0	.0	.0	.0	9134.3	9134.3	100.08	5123.49	
MIN			0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	98.00	.00	
TOTAL			0.	15405.0	.0	344718.0	344718.0	.0	.0	.0	344718.0	344718.0	14768.8	162456.5	
***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY	OVERFLOW	PUMPING	TOTAL
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
0.	28489.	28489.	0.	0.	28489.	28489.

ALLIGATOR BAYOU PONDING STUDY -- VANSICKLE, MICKELSON & KLEIN -- APRIL 1990
 FILENAME: ALLIGPUM.8P INPUT HYDROGRAPH: ALLIG1.H1
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD 4 PUMPS
 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- -1' STARTING ELEVATION

NRO	NXRPV	KLAS	LINKC	DELTA	STIME	NUM	MO	IPRNT	IDIAG
150	1	0	0	60.00	2400.00	1	4	0	0
STEL	TOPEL	PONEL	POFEL	PUMPO	RGZ	PGZ	CONSER	IAVG	ELEVON
99.00	.00	99.00	98.90	.00	.00	.00	102.70	1	.00

7 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
99.00	.0	.0	.0	.0
100.00	.0	2534.0	.0	.0
101.00	.0	5920.0	.0	.0
102.00	.0	10078.0	.0	.0
103.00	.0	15736.0	.0	.0
104.00	.0	22078.0	.0	.0
105.00	.0	30109.0	.0	.0

ELEVATION VS. PUMP DISCHARGE	(EL (M), QP (M))
99.00	2380.
99.40	2405.
99.50	3585.
99.90	3630.
100.00	4780.
100.40	4830.
100.50	7125.
100.90	7230.
101.00	9400.
105.00	10000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	99.00	.00
200	2	4	0.	102.70	.0	106.0	106.0	.0	.0	.0	106.0	106.0	99.00	.00
300	2	4	0.	102.70	.0	202.0	202.0	.0	.0	.0	202.0	202.0	99.00	.00
400	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	99.00	.00
500	2	4	0.	102.70	.0	155.0	155.0	.0	.0	.0	155.0	155.0	99.00	.00
600	2	4	0.	102.70	.0	214.0	214.0	.0	.0	.0	214.0	214.0	99.00	.00
700	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	99.00	.00
800	2	4	0.	102.70	.0	172.0	172.0	.0	.0	.0	172.0	172.0	99.00	.00
900	2	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	99.00	.00
1000	2	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	99.00	.00
1100	2	4	0.	102.70	.0	514.0	514.0	.0	.0	.0	514.0	514.0	99.00	.00
1200	2	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	99.00	.00
1300	2	4	0.	102.70	.0	1124.0	1124.0	.0	.0	.0	1124.0	1124.0	99.00	.00
1400	2	4	0.	102.70	.0	2123.0	2123.0	.0	.0	.0	2123.0	2123.0	99.00	.00
1500	2	4	0.	102.70	.0	3187.0	3187.0	.0	.0	.0	2363.8	2363.8	99.03	68.03
1600	2	4	0.	102.70	.0	5230.0	5230.0	.0	.0	.0	2384.4	2384.4	99.12	303.21
1700	2	4	0.	102.70	.0	11574.0	11574.0	.0	.0	.0	2411.4	2411.4	99.40	1060.45
1800	2	4	0.	102.70	.0	12095.0	12095.0	.0	.0	.0	3020.8	3020.8	99.69	1810.38
1900	2	4	0.	102.70	.0	12379.0	12379.0	.0	.0	.0	3921.0	3921.0	99.95	2509.38
2000	2	4	0.	102.70	.0	12670.0	12670.0	.0	.0	.0	4518.4	4518.4	100.17	3183.07
2100	2	4	0.	102.70	.0	12283.0	12283.0	.0	.0	.0	4812.6	4812.6	100.35	3800.46
2200	2	4	0.	102.70	.0	12041.0	12041.0	.0	.0	.0	5975.7	5975.7	100.51	4301.72
2300	2	4	0.	102.70	.0	12301.0	12301.0	.0	.0	.0	7144.0	7144.0	100.64	4727.52
2400	2	4	0.	102.70	.0	10935.0	10935.0	.0	.0	.0	7173.4	7173.4	100.73	5038.79
100	3	4	0.	102.70	.0	10546.0	10546.0	.0	.0	.0	7196.9	7196.9	100.82	5315.58
200	3	4	0.	102.70	.0	9869.0	9869.0	.0	.0	.0	7216.7	7216.7	100.88	5534.77
300	3	4	0.	102.70	.0	9422.0	9422.0	.0	.0	.0	7551.2	7551.2	100.93	5689.38
400	3	4	0.	102.70	.0	10698.0	10698.0	.0	.0	.0	8481.8	8481.8	100.99	5872.54
500	3	4	0.	102.70	.0	8872.0	8872.0	.0	.0	.0	9040.6	9040.6	100.98	5858.61
600	3	4	0.	102.70	.0	8730.0	8730.0	.0	.0	.0	8937.8	8937.8	100.98	5841.43
700	3	4	0.	102.70	.0	8492.0	8492.0	.0	.0	.0	8797.7	8797.7	100.97	5816.17
800	3	4	0.	102.70	.0	6836.0	6836.0	.0	.0	.0	8311.6	8311.6	100.93	5694.22
900	3	4	0.	102.70	.0	8107.0	8107.0	.0	.0	.0	7951.4	7951.4	100.94	5707.07
1000	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	7892.1	7892.1	100.93	5676.24
1100	3	4	0.	102.70	.0	5855.0	5855.0	.0	.0	.0	7508.1	7508.1	100.88	5539.62
1200	3	4	0.	102.70	.0	7419.0	7419.0	.0	.0	.0	7226.5	7226.5	100.89	5555.53
1300	3	4	0.	102.70	.0	6543.0	6543.0	.0	.0	.0	7224.9	7224.9	100.87	5499.18
1400	3	4	0.	102.70	.0	5226.0	5226.0	.0	.0	.0	7216.1	7216.1	100.82	5334.71
1500	3	4	0.	102.70	.0	6944.0	6944.0	.0	.0	.0	7208.6	7208.6	100.82	5312.84
1600	3	4	0.	102.70	.0	6137.0	6137.0	.0	.0	.0	7204.2	7204.2	100.79	5224.64
1700	3	4	0.	102.70	.0	4278.0	4278.0	.0	.0	.0	7191.1	7191.1	100.72	4983.89
1800	3	4	0.	102.70	.0	5409.0	5409.0	.0	.0	.0	7175.6	7175.6	100.67	4837.89
1900	3	4	0.	102.70	.0	4795.0	4795.0	.0	.0	.0	7162.0	7162.0	100.61	4642.27
2000	3	4	0.	102.70	.0	3779.0	3779.0	.0	.0	.0	7143.1	7143.1	100.53	4364.25
2100	3	4	0.	102.70	.0	4477.0	4477.0	.0	.0	.0	6771.1	6771.1	100.47	4174.65
2200	3	4	0.	102.70	.0	3809.0	3809.0	.0	.0	.0	5827.6	5827.6	100.42	4007.82
2300	3	4	0.	102.70	.0	2892.0	2892.0	.0	.0	.0	5035.3	5035.3	100.36	3830.69
2400	3	4	0.	102.70	.0	3999.0	3999.0	.0	.0	.0	4824.2	4824.2	100.34	3762.49

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLD	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	4	4	0.	102.70	.0	3285.0	3285.0	.0	.0	.0	4820.5	4820.5	100.30	3635.59
200	4	4	0.	102.70	.0	2437.0	2437.0	.0	.0	.0	4814.4	4814.4	100.25	3439.12
300	4	4	0.	102.70	.0	2737.0	2737.0	.0	.0	.0	4807.4	4807.4	100.19	3268.01
400	4	4	0.	102.70	.0	2492.0	2492.0	.0	.0	.0	4800.5	4800.5	100.13	3077.23
500	4	4	0.	102.70	.0	2377.0	2377.0	.0	.0	.0	4793.1	4793.1	100.07	2877.55
600	4	4	0.	102.70	.0	2243.0	2243.0	.0	.0	.0	4785.3	4785.3	100.01	2667.45
700	4	4	0.	102.70	.0	2204.0	2204.0	.0	.0	.0	4448.7	4448.7	99.94	2481.94
800	4	4	0.	102.70	.0	2172.0	2172.0	.0	.0	.0	3872.4	3872.4	99.89	2341.41
900	4	4	0.	102.70	.0	2071.0	2071.0	.0	.0	.0	3626.0	3626.0	99.84	2212.89
1000	4	4	0.	102.70	.0	2008.0	2008.0	.0	.0	.0	3620.4	3620.4	99.79	2079.64
1100	4	4	0.	102.70	.0	1958.0	1958.0	.0	.0	.0	3614.6	3614.6	99.74	1942.72
1200	4	4	0.	102.70	.0	1875.0	1875.0	.0	.0	.0	3608.7	3608.7	99.68	1799.44
1300	4	4	0.	102.70	.0	1739.0	1739.0	.0	.0	.0	3602.3	3602.3	99.62	1645.45
1400	4	4	0.	102.70	.0	1690.0	1690.0	.0	.0	.0	3595.7	3595.7	99.56	1487.96
1500	4	4	0.	102.70	.0	1564.0	1564.0	.0	.0	.0	3588.7	3588.7	99.50	1320.63
1600	4	4	0.	102.70	.0	1490.0	1490.0	.0	.0	.0	3264.7	3264.7	99.45	1173.96
1700	4	4	0.	102.70	.0	1440.0	1440.0	.0	.0	.0	2709.2	2709.2	99.41	1069.07
1800	4	4	0.	102.70	.0	1339.0	1339.0	.0	.0	.0	2438.7	2438.7	99.37	978.18
1900	4	4	0.	102.70	.0	1265.0	1265.0	.0	.0	.0	2402.1	2402.1	99.34	884.21
2000	4	4	0.	102.70	.0	1241.0	1241.0	.0	.0	.0	2399.8	2399.8	99.30	788.43
2100	4	4	0.	102.70	.0	1140.0	1140.0	.0	.0	.0	2397.5	2397.5	99.26	684.51
2200	4	4	0.	102.70	.0	1091.0	1091.0	.0	.0	.0	2395.0	2395.0	99.22	576.74
2300	4	4	0.	102.70	.0	1066.0	1066.0	.0	.0	.0	2392.4	2392.4	99.18	467.13
2400	4	4	0.	102.70	.0	990.0	990.0	.0	.0	.0	2389.7	2389.7	99.13	351.45
100	5	4	0.	102.70	.0	939.0	939.0	.0	.0	.0	2386.9	2386.9	99.09	231.78
200	5	4	0.	102.70	.0	975.0	975.0	.0	.0	.0	2384.1	2384.1	99.04	115.33
300	5	4	0.	102.70	.0	856.0	856.0	.0	.0	.0	2251.5	2251.5	99.00	.00
400	5	4	0.	102.70	.0	825.0	825.0	.0	.0	.0	825.0	825.0	99.00	.00
500	5	4	0.	102.70	.0	815.0	815.0	.0	.0	.0	815.0	815.0	99.00	.00
600	5	4	0.	102.70	.0	741.0	741.0	.0	.0	.0	741.0	741.0	99.00	.00
700	5	4	0.	102.70	.0	693.0	693.0	.0	.0	.0	693.0	693.0	99.00	.00
800	5	4	0.	102.70	.0	709.0	709.0	.0	.0	.0	709.0	709.0	99.00	.00
900	5	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	99.00	.00
1000	5	4	0.	102.70	.0	604.0	604.0	.0	.0	.0	604.0	604.0	99.00	.00
1100	5	4	0.	102.70	.0	614.0	614.0	.0	.0	.0	614.0	614.0	99.00	.00
1200	5	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	99.00	.00
1300	5	4	0.	102.70	.0	523.0	523.0	.0	.0	.0	523.0	523.0	99.00	.00
1400	5	4	0.	102.70	.0	552.0	552.0	.0	.0	.0	552.0	552.0	99.00	.00
1500	5	4	0.	102.70	.0	486.0	486.0	.0	.0	.0	486.0	486.0	99.00	.00
1600	5	4	0.	102.70	.0	471.0	471.0	.0	.0	.0	471.0	471.0	99.00	.00
1700	5	4	0.	102.70	.0	529.0	529.0	.0	.0	.0	529.0	529.0	99.00	.00
1800	5	4	0.	102.70	.0	442.0	442.0	.0	.0	.0	442.0	442.0	99.00	.00
1900	5	4	0.	102.70	.0	417.0	417.0	.0	.0	.0	417.0	417.0	99.00	.00
2000	5	4	0.	102.70	.0	454.0	454.0	.0	.0	.0	454.0	454.0	99.00	.00
2100	5	4	0.	102.70	.0	393.0	393.0	.0	.0	.0	393.0	393.0	99.00	.00
2200	5	4	0.	102.70	.0	385.0	385.0	.0	.0	.0	385.0	385.0	99.00	.00
2300	5	4	0.	102.70	.0	411.0	411.0	.0	.0	.0	411.0	411.0	99.00	.00
2400	5	4	0.	102.70	.0	369.0	369.0	.0	.0	.0	369.0	369.0	99.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE				PONDING AREA		
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	6	4	0.	102.70	.0	349.0	349.0	.0	.0	.0	349.0	349.0	99.00	.00
200	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	99.00	.00
300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	99.00	.00
400	6	4	0.	102.70	.0	333.0	333.0	.0	.0	.0	333.0	333.0	99.00	.00
500	6	4	0.	102.70	.0	363.0	363.0	.0	.0	.0	363.0	363.0	99.00	.00
600	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	99.00	.00
700	6	4	0.	102.70	.0	308.0	308.0	.0	.0	.0	308.0	308.0	99.00	.00
800	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	99.00	.00
900	6	4	0.	102.70	.0	301.0	301.0	.0	.0	.0	301.0	301.0	99.00	.00
1000	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	99.00	.00
1100	6	4	0.	102.70	.0	331.0	331.0	.0	.0	.0	331.0	331.0	99.00	.00
1200	6	4	0.	102.70	.0	294.0	294.0	.0	.0	.0	294.0	294.0	99.00	.00
1300	6	4	0.	102.70	.0	279.0	279.0	.0	.0	.0	279.0	279.0	99.00	.00
1400	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	99.00	.00
1500	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	99.00	.00
1600	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	99.00	.00
1700	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	99.00	.00
1800	6	4	0.	102.70	.0	271.0	271.0	.0	.0	.0	271.0	271.0	99.00	.00
1900	6	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	99.00	.00
2000	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	99.00	.00
2100	6	4	0.	102.70	.0	260.0	260.0	.0	.0	.0	260.0	260.0	99.00	.00
2200	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	99.00	.00
2300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	99.00	.00
2400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	99.00	.00
100	7	4	0.	102.70	.0	253.0	253.0	.0	.0	.0	253.0	253.0	99.00	.00
200	7	4	0.	102.70	.0	302.0	302.0	.0	.0	.0	302.0	302.0	99.00	.00
300	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	99.00	.00
400	7	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	99.00	.00
500	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	99.00	.00
600	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	99.00	.00
700	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	99.00	.00
800	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	99.00	.00
900	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	99.00	.00
1000	7	4	0.	102.70	.0	242.0	242.0	.0	.0	.0	242.0	242.0	99.00	.00
1100	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	99.00	.00
1200	7	4	0.	102.70	.0	243.0	243.0	.0	.0	.0	243.0	243.0	99.00	.00
1300	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	99.00	.00
1400	7	4	0.	102.70	.0	318.0	318.0	.0	.0	.0	318.0	318.0	99.00	.00
1500	7	4	0.	102.70	.0	233.0	233.0	.0	.0	.0	233.0	233.0	99.00	.00
1600	7	4	0.	102.70	.0	234.0	234.0	.0	.0	.0	234.0	234.0	99.00	.00
1700	7	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	99.00	.00
1800	7	4	0.	102.70	.0	237.0	237.0	.0	.0	.0	237.0	237.0	99.00	.00
1900	7	4	0.	102.70	.0	226.0	226.0	.0	.0	.0	226.0	226.0	99.00	.00
2000	7	4	0.	102.70	.0	275.0	275.0	.0	.0	.0	275.0	275.0	99.00	.00
2100	7	4	0.	102.70	.0	229.0	229.0	.0	.0	.0	229.0	229.0	99.00	.00
2200	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	99.00	.00
2300	7	4	0.	102.70	.0	268.0	268.0	.0	.0	.0	268.0	268.0	99.00	.00
2400	7	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	99.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	8	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	99.00	.00
200	8	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	99.00	.00
300	8	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	99.00	.00
400	8	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	99.00	.00
500	8	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	99.00	.00
600	8	4	0.	102.70	.0	182.0	182.0	.0	.0	.0	182.0	182.0	99.00	.00
* * * * *			* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *
MEAN			0.	102.70	.0	2298.1	2298.1	.0	.0	.0	2298.1	2298.1	99.46	1296.52
MAX			0.	102.70	.0	12670.0	12670.0	.0	.0	.0	9040.6	9040.6	100.99	5872.54
MIN			0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	99.00	.00
TOTAL			0.	15405.0	.0	344718.0	344718.0	.0	.0	.0	344717.9	344717.9	14918.4	194477.7
* * * * *			* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY	OVERFLOW	PUMPING	TOTAL
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
0.	28489.	28489.	0.	0.	28489.	28489.

ALLIGATOR BAYOU PONDING STUDY -- VANSICKLE, MICKELSON & KLEIN -- APRIL 1990
 FILENAME: ALLIGPUM.BP INPUT HYDROGRAPH: ALLIG1.H1
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD 4 PUMPS
 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- 0' STARTING ELEVATION

NRQ	NXRPV	KLAG	LINKC	DELTA	STIME	NUM	MO	IPRNT	IDIAS
150	1	0	0	60.00	2400.00	1	4	0	0
STEL	TOPEL	PONEL	POFEL	PUMPD	RGZ	PGZ	CONSER	IAVG	ELEVON
100.00	.00	100.00	99.00	.00	.00	.00	102.70	1	.00

6 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
100.00	.0	.0	.0	.0
101.00	.0	3286.0	.0	.0
102.00	.0	7444.0	.0	.0
103.00	.0	13102.0	.0	.0
104.00	.0	19444.0	.0	.0
105.00	.0	27475.0	.0	.0

ELEVATION VS. PUMP DISCHARGE	(EL (M), DP (M))
100.00	2430.
100.40	2445.
100.50	4830.
100.90	4880.
101.00	6075.
101.40	6110.
101.50	8435.
101.90	8540.
102.00	9680.
105.00	10000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE				PONDING AREA		
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLW (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	100.00	.00
200	2	4	0.	102.70	.0	106.0	106.0	.0	.0	.0	106.0	106.0	100.00	.00
300	2	4	0.	102.70	.0	202.0	202.0	.0	.0	.0	202.0	202.0	100.00	.00
400	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	100.00	.00
500	2	4	0.	102.70	.0	155.0	155.0	.0	.0	.0	155.0	155.0	100.00	.00
600	2	4	0.	102.70	.0	214.0	214.0	.0	.0	.0	214.0	214.0	100.00	.00
700	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	100.00	.00
800	2	4	0.	102.70	.0	172.0	172.0	.0	.0	.0	172.0	172.0	100.00	.00
900	2	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	100.00	.00
1000	2	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	100.00	.00
1100	2	4	0.	102.70	.0	514.0	514.0	.0	.0	.0	514.0	514.0	100.00	.00
1200	2	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	100.00	.00
1300	2	4	0.	102.70	.0	1124.0	1124.0	.0	.0	.0	1124.0	1124.0	100.00	.00
1400	2	4	0.	102.70	.0	2123.0	2123.0	.0	.0	.0	2123.0	2123.0	100.00	.00
1500	2	4	0.	102.70	.0	3187.0	3187.0	.0	.0	.0	2388.4	2388.4	100.02	66.00
1600	2	4	0.	102.70	.0	5230.0	5230.0	.0	.0	.0	2432.1	2432.1	100.09	297.24
1700	2	4	0.	102.70	.0	11574.0	11574.0	.0	.0	.0	2437.7	2437.7	100.32	1052.30
1800	2	4	0.	102.70	.0	12095.0	12095.0	.0	.0	.0	3638.1	3638.1	100.53	1751.22
1900	2	4	0.	102.70	.0	12379.0	12379.0	.0	.0	.0	4846.0	4846.0	100.72	2373.79
2000	2	4	0.	102.70	.0	12670.0	12670.0	.0	.0	.0	4965.5	4965.5	100.92	3010.52
2100	2	4	0.	102.70	.0	12283.0	12283.0	.0	.0	.0	5577.0	5577.0	101.07	3564.74
2200	2	4	0.	102.70	.0	12041.0	12041.0	.0	.0	.0	6086.0	6086.0	101.19	4056.88
2300	2	4	0.	102.70	.0	12301.0	12301.0	.0	.0	.0	6096.6	6096.6	101.31	4569.64
2400	2	4	0.	102.70	.0	10935.0	10935.0	.0	.0	.0	6150.4	6150.4	101.40	4965.06
100	3	4	0.	102.70	.0	10546.0	10546.0	.0	.0	.0	7014.7	7014.7	101.47	5256.91
200	3	4	0.	102.70	.0	9869.0	9869.0	.0	.0	.0	8133.9	8133.9	101.51	5400.30
300	3	4	0.	102.70	.0	9422.0	9422.0	.0	.0	.0	8439.8	8439.8	101.53	5481.48
400	3	4	0.	102.70	.0	10698.0	10698.0	.0	.0	.0	8448.2	8448.2	101.57	5667.41
500	3	4	0.	102.70	.0	8872.0	8872.0	.0	.0	.0	8455.2	8455.2	101.58	5701.86
600	3	4	0.	102.70	.0	8730.0	8730.0	.0	.0	.0	8457.0	8457.0	101.59	5724.42
700	3	4	0.	102.70	.0	8492.0	8492.0	.0	.0	.0	8457.8	8457.8	101.59	5727.25
800	3	4	0.	102.70	.0	6836.0	6836.0	.0	.0	.0	8453.6	8453.6	101.55	5593.56
900	3	4	0.	102.70	.0	8107.0	8107.0	.0	.0	.0	8448.5	8448.5	101.55	5565.33
1000	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	8445.2	8445.2	101.53	5488.79
1100	3	4	0.	102.70	.0	5855.0	5855.0	.0	.0	.0	8235.1	8235.1	101.48	5292.08
1200	3	4	0.	102.70	.0	7419.0	7419.0	.0	.0	.0	7913.1	7913.1	101.47	5251.25
1300	3	4	0.	102.70	.0	6543.0	6543.0	.0	.0	.0	7563.1	7563.1	101.45	5166.94
1400	3	4	0.	102.70	.0	5226.0	5226.0	.0	.0	.0	6933.0	6933.0	101.42	5025.87
1500	3	4	0.	102.70	.0	6944.0	6944.0	.0	.0	.0	6614.7	6614.7	101.42	5053.08
1600	3	4	0.	102.70	.0	6137.0	6137.0	.0	.0	.0	6586.9	6586.9	101.42	5015.90
1700	3	4	0.	102.70	.0	4278.0	4278.0	.0	.0	.0	6295.5	6295.5	101.38	4849.17
1800	3	4	0.	102.70	.0	5409.0	5409.0	.0	.0	.0	6107.3	6107.3	101.36	4791.46
1900	3	4	0.	102.70	.0	4795.0	4795.0	.0	.0	.0	6105.5	6105.5	101.34	4683.15
2000	3	4	0.	102.70	.0	3779.0	3779.0	.0	.0	.0	6102.4	6102.4	101.29	4491.13
2100	3	4	0.	102.70	.0	4477.0	4477.0	.0	.0	.0	6099.0	6099.0	101.26	4357.09
2200	3	4	0.	102.70	.0	3809.0	3809.0	.0	.0	.0	6095.6	6095.6	101.21	4168.12
2300	3	4	0.	102.70	.0	2892.0	2892.0	.0	.0	.0	6090.8	6090.8	101.15	3903.76
2400	3	4	0.	102.70	.0	3999.0	3999.0	.0	.0	.0	6086.2	6086.2	101.11	3731.26

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLD	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	4	4	0.	102.70	.0	3285.0	3285.0	.0	.0	.0	6081.9	6081.9	101.05	3500.11
200	4	4	0.	102.70	.0	2437.0	2437.0	.0	.0	.0	5940.1	5940.1	100.98	3210.59
300	4	4	0.	102.70	.0	2737.0	2737.0	.0	.0	.0	5400.5	5400.5	100.91	2990.47
400	4	4	0.	102.70	.0	2492.0	2492.0	.0	.0	.0	4936.9	4936.9	100.85	2788.41
500	4	4	0.	102.70	.0	2377.0	2377.0	.0	.0	.0	4869.7	4869.7	100.79	2582.41
600	4	4	0.	102.70	.0	2243.0	2243.0	.0	.0	.0	4861.6	4861.6	100.72	2365.99
700	4	4	0.	102.70	.0	2204.0	2204.0	.0	.0	.0	4853.3	4853.3	100.65	2147.04
800	4	4	0.	102.70	.0	2172.0	2172.0	.0	.0	.0	4845.0	4845.0	100.59	1926.13
900	4	4	0.	102.70	.0	2071.0	2071.0	.0	.0	.0	4836.4	4836.4	100.52	1697.58
1000	4	4	0.	102.70	.0	2008.0	2008.0	.0	.0	.0	4332.1	4332.1	100.46	1505.51
1100	4	4	0.	102.70	.0	1958.0	1958.0	.0	.0	.0	3399.7	3399.7	100.42	1386.36
1200	4	4	0.	102.70	.0	1875.0	1875.0	.0	.0	.0	2715.2	2715.2	100.40	1316.92
1300	4	4	0.	102.70	.0	1739.0	1739.0	.0	.0	.0	2453.8	2453.8	100.38	1257.85
1400	4	4	0.	102.70	.0	1690.0	1690.0	.0	.0	.0	2444.0	2444.0	100.36	1195.54
1500	4	4	0.	102.70	.0	1564.0	1564.0	.0	.0	.0	2443.2	2443.2	100.34	1122.87
1600	4	4	0.	102.70	.0	1490.0	1490.0	.0	.0	.0	2442.4	2442.4	100.32	1044.17
1700	4	4	0.	102.70	.0	1440.0	1440.0	.0	.0	.0	2441.4	2441.4	100.29	961.40
1800	4	4	0.	102.70	.0	1339.0	1339.0	.0	.0	.0	2440.5	2440.5	100.26	870.37
1900	4	4	0.	102.70	.0	1265.0	1265.0	.0	.0	.0	2439.4	2439.4	100.24	773.32
2000	4	4	0.	102.70	.0	1241.0	1241.0	.0	.0	.0	2438.3	2438.3	100.21	674.37
2100	4	4	0.	102.70	.0	1140.0	1140.0	.0	.0	.0	2437.1	2437.1	100.17	567.17
2200	4	4	0.	102.70	.0	1091.0	1091.0	.0	.0	.0	2435.8	2435.8	100.14	456.03
2300	4	4	0.	102.70	.0	1066.0	1066.0	.0	.0	.0	2434.6	2434.6	100.10	342.93
2400	4	4	0.	102.70	.0	990.0	990.0	.0	.0	.0	2433.2	2433.2	100.07	223.65
100	5	4	0.	102.70	.0	939.0	939.0	.0	.0	.0	2431.8	2431.8	100.03	100.27
200	5	4	0.	102.70	.0	975.0	975.0	.0	.0	.0	2188.3	2188.3	100.00	.00
300	5	4	0.	102.70	.0	856.0	856.0	.0	.0	.0	856.0	856.0	100.00	.00
400	5	4	0.	102.70	.0	825.0	825.0	.0	.0	.0	825.0	825.0	100.00	.00
500	5	4	0.	102.70	.0	815.0	815.0	.0	.0	.0	815.0	815.0	100.00	.00
600	5	4	0.	102.70	.0	741.0	741.0	.0	.0	.0	741.0	741.0	100.00	.00
700	5	4	0.	102.70	.0	693.0	693.0	.0	.0	.0	693.0	693.0	100.00	.00
800	5	4	0.	102.70	.0	709.0	709.0	.0	.0	.0	709.0	709.0	100.00	.00
900	5	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	100.00	.00
1000	5	4	0.	102.70	.0	604.0	604.0	.0	.0	.0	604.0	604.0	100.00	.00
1100	5	4	0.	102.70	.0	614.0	614.0	.0	.0	.0	614.0	614.0	100.00	.00
1200	5	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	100.00	.00
1300	5	4	0.	102.70	.0	523.0	523.0	.0	.0	.0	523.0	523.0	100.00	.00
1400	5	4	0.	102.70	.0	552.0	552.0	.0	.0	.0	552.0	552.0	100.00	.00
1500	5	4	0.	102.70	.0	486.0	486.0	.0	.0	.0	486.0	486.0	100.00	.00
1600	5	4	0.	102.70	.0	471.0	471.0	.0	.0	.0	471.0	471.0	100.00	.00
1700	5	4	0.	102.70	.0	529.0	529.0	.0	.0	.0	529.0	529.0	100.00	.00
1800	5	4	0.	102.70	.0	442.0	442.0	.0	.0	.0	442.0	442.0	100.00	.00
1900	5	4	0.	102.70	.0	417.0	417.0	.0	.0	.0	417.0	417.0	100.00	.00
2000	5	4	0.	102.70	.0	454.0	454.0	.0	.0	.0	454.0	454.0	100.00	.00
2100	5	4	0.	102.70	.0	393.0	393.0	.0	.0	.0	393.0	393.0	100.00	.00
2200	5	4	0.	102.70	.0	385.0	385.0	.0	.0	.0	385.0	385.0	100.00	.00
2300	5	4	0.	102.70	.0	411.0	411.0	.0	.0	.0	411.0	411.0	100.00	.00
2400	5	4	0.	102.70	.0	369.0	369.0	.0	.0	.0	369.0	369.0	100.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	6	4	0.	102.70	.0	349.0	349.0	.0	.0	.0	349.0	349.0	100.00	.00
200	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	100.00	.00
300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	100.00	.00
400	6	4	0.	102.70	.0	333.0	333.0	.0	.0	.0	333.0	333.0	100.00	.00
500	6	4	0.	102.70	.0	363.0	363.0	.0	.0	.0	363.0	363.0	100.00	.00
600	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	100.00	.00
700	6	4	0.	102.70	.0	308.0	308.0	.0	.0	.0	308.0	308.0	100.00	.00
800	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	100.00	.00
900	6	4	0.	102.70	.0	301.0	301.0	.0	.0	.0	301.0	301.0	100.00	.00
1000	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	100.00	.00
1100	6	4	0.	102.70	.0	331.0	331.0	.0	.0	.0	331.0	331.0	100.00	.00
1200	6	4	0.	102.70	.0	294.0	294.0	.0	.0	.0	294.0	294.0	100.00	.00
1300	6	4	0.	102.70	.0	279.0	279.0	.0	.0	.0	279.0	279.0	100.00	.00
1400	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	100.00	.00
1500	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	100.00	.00
1600	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	100.00	.00
1700	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	100.00	.00
1800	6	4	0.	102.70	.0	271.0	271.0	.0	.0	.0	271.0	271.0	100.00	.00
1900	6	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	100.00	.00
2000	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	100.00	.00
2100	6	4	0.	102.70	.0	260.0	260.0	.0	.0	.0	260.0	260.0	100.00	.00
2200	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	100.00	.00
2300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	100.00	.00
2400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	100.00	.00
100	7	4	0.	102.70	.0	253.0	253.0	.0	.0	.0	253.0	253.0	100.00	.00
200	7	4	0.	102.70	.0	302.0	302.0	.0	.0	.0	302.0	302.0	100.00	.00
300	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	100.00	.00
400	7	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	100.00	.00
500	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	100.00	.00
600	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	100.00	.00
700	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	100.00	.00
800	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	100.00	.00
900	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	100.00	.00
1000	7	4	0.	102.70	.0	242.0	242.0	.0	.0	.0	242.0	242.0	100.00	.00
1100	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	100.00	.00
1200	7	4	0.	102.70	.0	243.0	243.0	.0	.0	.0	243.0	243.0	100.00	.00
1300	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	100.00	.00
1400	7	4	0.	102.70	.0	318.0	318.0	.0	.0	.0	318.0	318.0	100.00	.00
1500	7	4	0.	102.70	.0	233.0	233.0	.0	.0	.0	233.0	233.0	100.00	.00
1600	7	4	0.	102.70	.0	234.0	234.0	.0	.0	.0	234.0	234.0	100.00	.00
1700	7	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	100.00	.00
1800	7	4	0.	102.70	.0	237.0	237.0	.0	.0	.0	237.0	237.0	100.00	.00
1900	7	4	0.	102.70	.0	226.0	226.0	.0	.0	.0	226.0	226.0	100.00	.00
2000	7	4	0.	102.70	.0	275.0	275.0	.0	.0	.0	275.0	275.0	100.00	.00
2100	7	4	0.	102.70	.0	229.0	229.0	.0	.0	.0	229.0	229.0	100.00	.00
2200	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	100.00	.00
2300	7	4	0.	102.70	.0	268.0	268.0	.0	.0	.0	268.0	268.0	100.00	.00
2400	7	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	100.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME	RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR DA MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
	(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100 B 4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	100.00	.00
200 B 4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	100.00	.00
300 B 4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	100.00	.00
400 B 4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	100.00	.00
500 B 4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	100.00	.00
600 B 4	0.	102.70	.0	182.0	182.0	.0	.0	.0	182.0	182.0	100.00	.00
MEAN	0.	102.70	.0	2298.1	2298.1	.0	.0	.0	2298.1	2298.1	100.35	1227.35
MAX	0.	102.70	.0	12670.0	12670.0	.0	.0	.0	8457.8	8457.8	101.59	5727.25
MIN	0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	100.00	.00
TOTAL	0.	15405.0	.0	344718.0	344718.0	.0	.0	.0	344718.0	344718.0	15053.0	184102.4

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY OVERFLOW	PUMPING	TOTAL	
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
0.	28489.	28489.	0.	0.	28489.	28489.

ALLIGATOR BAYOU PONDING STUDY -- VANSICKLE, MICKELSON & KLEIN -- APRIL 1990
 FILENAME: ALLIGPUM.8P INPUT HYDROGRAPH: ALLIG1.H1
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD 4 PUMPS
 EXISTING CONDITIONS -- 100 YEAR STORM EVENT -- +1' STARTING ELEVATION

NRQ	NXRPV	KLAG	LINKC	DELTA	STIME	NUM	MO	IPRNT	IDIAG
150	1	0	0	60.00	2400.00	1	4	0	0
STEL	TOPEL	PNEL	POFEL	PUMPO	RGZ	PGZ	CONSER	IAVG	ELEVON
101.00	.00	101.00	100.00	.00	.00	.00	102.70	1	.00

5 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
101.00	.0	.0	.0	.0
102.00	.0	4158.0	.0	.0
103.00	.0	9816.0	.0	.0
104.00	.0	16158.0	.0	.0
105.00	.0	24189.0	.0	.0

ELEVATION VS. PUMP DISCHARGE , (EL(M), GP(M))

101.00	3675.
101.40	3695.
101.50	6110.
101.90	6150.
102.00	9680.
103.00	9840.
104.00	3960.
105.00	10000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	101.00	.00
200	2	4	0.	102.70	.0	106.0	106.0	.0	.0	.0	106.0	106.0	101.00	.00
300	2	4	0.	102.70	.0	202.0	202.0	.0	.0	.0	202.0	202.0	101.00	.00
400	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	101.00	.00
500	2	4	0.	102.70	.0	155.0	155.0	.0	.0	.0	155.0	155.0	101.00	.00
600	2	4	0.	102.70	.0	214.0	214.0	.0	.0	.0	214.0	214.0	101.00	.00
700	2	4	0.	102.70	.0	162.0	162.0	.0	.0	.0	162.0	162.0	101.00	.00
800	2	4	0.	102.70	.0	172.0	172.0	.0	.0	.0	172.0	172.0	101.00	.00
900	2	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	101.00	.00
1000	2	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	101.00	.00
1100	2	4	0.	102.70	.0	514.0	514.0	.0	.0	.0	514.0	514.0	101.00	.00
1200	2	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	101.00	.00
1300	2	4	0.	102.70	.0	1124.0	1124.0	.0	.0	.0	1124.0	1124.0	101.00	.00
1400	2	4	0.	102.70	.0	2123.0	2123.0	.0	.0	.0	2123.0	2123.0	101.00	.00
1500	2	4	0.	102.70	.0	3187.0	3187.0	.0	.0	.0	3010.6	3010.6	101.00	14.58
1600	2	4	0.	102.70	.0	5230.0	5230.0	.0	.0	.0	3675.9	3675.9	101.03	143.01
1700	2	4	0.	102.70	.0	11574.0	11574.0	.0	.0	.0	3680.6	3680.6	101.19	795.36
1800	2	4	0.	102.70	.0	12095.0	12095.0	.0	.0	.0	3688.7	3688.7	101.36	1490.09
1900	2	4	0.	102.70	.0	12379.0	12379.0	.0	.0	.0	4901.8	4901.8	101.51	2108.04
2000	2	4	0.	102.70	.0	12670.0	12670.0	.0	.0	.0	6117.2	6117.2	101.64	2649.59
2100	2	4	0.	102.70	.0	12283.0	12283.0	.0	.0	.0	6129.8	6129.8	101.76	3158.12
2200	2	4	0.	102.70	.0	12041.0	12041.0	.0	.0	.0	6141.8	6141.8	101.88	3645.65
2300	2	4	0.	102.70	.0	12301.0	12301.0	.0	.0	.0	7443.2	7443.2	101.97	4047.12
2400	2	4	0.	102.70	.0	10935.0	10935.0	.0	.0	.0	9209.8	9209.8	102.01	4189.70
100	3	4	0.	102.70	.0	10546.0	10546.0	.0	.0	.0	9681.9	9681.9	102.02	4261.12
200	3	4	0.	102.70	.0	9869.0	9869.0	.0	.0	.0	9683.1	9683.1	102.02	4276.48
300	3	4	0.	102.70	.0	9422.0	9422.0	.0	.0	.0	9683.0	9683.0	102.02	4254.90
400	3	4	0.	102.70	.0	10698.0	10698.0	.0	.0	.0	9683.9	9683.9	102.03	4338.71
500	3	4	0.	102.70	.0	8872.0	8872.0	.0	.0	.0	9684.2	9684.2	102.02	4271.59
600	3	4	0.	102.70	.0	8730.0	8730.0	.0	.0	.0	9682.1	9682.1	102.01	4192.90
700	3	4	0.	102.70	.0	8492.0	8492.0	.0	.0	.0	9481.5	9481.5	101.99	4111.13
800	3	4	0.	102.70	.0	6836.0	6836.0	.0	.0	.0	8646.7	8646.7	101.95	3961.48
900	3	4	0.	102.70	.0	8107.0	8107.0	.0	.0	.0	8036.3	8036.3	101.95	3967.32
1000	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	7920.4	7920.4	101.95	3934.15
1100	3	4	0.	102.70	.0	5855.0	5855.0	.0	.0	.0	7279.8	7279.8	101.92	3816.40
1200	3	4	0.	102.70	.0	7419.0	7419.0	.0	.0	.0	6945.8	6945.8	101.93	3855.50
1300	3	4	0.	102.70	.0	6543.0	6543.0	.0	.0	.0	6964.0	6964.0	101.92	3820.71
1400	3	4	0.	102.70	.0	5226.0	5226.0	.0	.0	.0	6482.8	6482.8	101.89	3716.83
1500	3	4	0.	102.70	.0	6944.0	6944.0	.0	.0	.0	6276.3	6276.3	101.91	3772.02
1600	3	4	0.	102.70	.0	6137.0	6137.0	.0	.0	.0	6333.9	6333.9	101.90	3755.74
1700	3	4	0.	102.70	.0	4278.0	4278.0	.0	.0	.0	6205.6	6205.6	101.86	3596.43
1800	3	4	0.	102.70	.0	5409.0	5409.0	.0	.0	.0	6145.8	6145.8	101.85	3535.54
1900	3	4	0.	102.70	.0	4795.0	4795.0	.0	.0	.0	6143.7	6143.7	101.82	3424.08
2000	3	4	0.	102.70	.0	3779.0	3779.0	.0	.0	.0	6140.0	6140.0	101.78	3228.96
2100	3	4	0.	102.70	.0	4477.0	4477.0	.0	.0	.0	6136.0	6136.0	101.74	3091.85
2200	3	4	0.	102.70	.0	3809.0	3809.0	.0	.0	.0	6132.1	6132.1	101.70	2899.86
2300	3	4	0.	102.70	.0	2892.0	2892.0	.0	.0	.0	6126.5	6126.5	101.63	2632.55
2400	3	4	0.	102.70	.0	3999.0	3999.0	.0	.0	.0	6121.2	6121.2	101.59	2457.16

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	4	4	0.	102.70	.0	3285.0	3285.0	.0	.0	.0	6116.3	6116.3	101.53	2223.17
200	4	4	0.	102.70	.0	2437.0	2437.0	.0	.0	.0	5738.2	5738.2	101.47	1950.34
300	4	4	0.	102.70	.0	2737.0	2737.0	.0	.0	.0	4854.6	4854.6	101.43	1775.34
400	4	4	0.	102.70	.0	2492.0	2492.0	.0	.0	.0	4020.6	4020.6	101.40	1649.01
500	4	4	0.	102.70	.0	2377.0	2377.0	.0	.0	.0	3694.2	3694.2	101.37	1540.15
600	4	4	0.	102.70	.0	2243.0	2243.0	.0	.0	.0	3692.8	3692.8	101.34	1420.33
700	4	4	0.	102.70	.0	2204.0	2204.0	.0	.0	.0	3691.3	3691.3	101.31	1297.41
800	4	4	0.	102.70	.0	2172.0	2172.0	.0	.0	.0	3689.8	3689.8	101.28	1171.97
900	4	4	0.	102.70	.0	2071.0	2071.0	.0	.0	.0	3688.3	3688.3	101.25	1038.31
1000	4	4	0.	102.70	.0	2008.0	2008.0	.0	.0	.0	3686.7	3686.7	101.22	899.58
1100	4	4	0.	102.70	.0	1958.0	1958.0	.0	.0	.0	3685.0	3685.0	101.18	756.85
1200	4	4	0.	102.70	.0	1875.0	1875.0	.0	.0	.0	3683.2	3683.2	101.15	607.42
1300	4	4	0.	102.70	.0	1739.0	1739.0	.0	.0	.0	3681.3	3681.3	101.11	446.89
1400	4	4	0.	102.70	.0	1690.0	1690.0	.0	.0	.0	3679.4	3679.4	101.07	282.48
1500	4	4	0.	102.70	.0	1564.0	1564.0	.0	.0	.0	3677.3	3677.3	101.03	107.82
1600	4	4	0.	102.70	.0	1490.0	1490.0	.0	.0	.0	2794.7	2794.7	101.00	.00
1700	4	4	0.	102.70	.0	1440.0	1440.0	.0	.0	.0	1440.0	1440.0	101.00	.00
1800	4	4	0.	102.70	.0	1339.0	1339.0	.0	.0	.0	1339.0	1339.0	101.00	.00
1900	4	4	0.	102.70	.0	1265.0	1265.0	.0	.0	.0	1265.0	1265.0	101.00	.00
2000	4	4	0.	102.70	.0	1241.0	1241.0	.0	.0	.0	1241.0	1241.0	101.00	.00
2100	4	4	0.	102.70	.0	1140.0	1140.0	.0	.0	.0	1140.0	1140.0	101.00	.00
2200	4	4	0.	102.70	.0	1091.0	1091.0	.0	.0	.0	1091.0	1091.0	101.00	.00
2300	4	4	0.	102.70	.0	1066.0	1066.0	.0	.0	.0	1066.0	1066.0	101.00	.00
2400	4	4	0.	102.70	.0	990.0	990.0	.0	.0	.0	990.0	990.0	101.00	.00
100	5	4	0.	102.70	.0	939.0	939.0	.0	.0	.0	939.0	939.0	101.00	.00
200	5	4	0.	102.70	.0	975.0	975.0	.0	.0	.0	975.0	975.0	101.00	.00
300	5	4	0.	102.70	.0	856.0	856.0	.0	.0	.0	856.0	856.0	101.00	.00
400	5	4	0.	102.70	.0	825.0	825.0	.0	.0	.0	825.0	825.0	101.00	.00
500	5	4	0.	102.70	.0	815.0	815.0	.0	.0	.0	815.0	815.0	101.00	.00
600	5	4	0.	102.70	.0	741.0	741.0	.0	.0	.0	741.0	741.0	101.00	.00
700	5	4	0.	102.70	.0	693.0	693.0	.0	.0	.0	693.0	693.0	101.00	.00
800	5	4	0.	102.70	.0	709.0	709.0	.0	.0	.0	709.0	709.0	101.00	.00
900	5	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	101.00	.00
1000	5	4	0.	102.70	.0	604.0	604.0	.0	.0	.0	604.0	604.0	101.00	.00
1100	5	4	0.	102.70	.0	614.0	614.0	.0	.0	.0	614.0	614.0	101.00	.00
1200	5	4	0.	102.70	.0	557.0	557.0	.0	.0	.0	557.0	557.0	101.00	.00
1300	5	4	0.	102.70	.0	523.0	523.0	.0	.0	.0	523.0	523.0	101.00	.00
1400	5	4	0.	102.70	.0	552.0	552.0	.0	.0	.0	552.0	552.0	101.00	.00
1500	5	4	0.	102.70	.0	486.0	486.0	.0	.0	.0	486.0	486.0	101.00	.00
1600	5	4	0.	102.70	.0	471.0	471.0	.0	.0	.0	471.0	471.0	101.00	.00
1700	5	4	0.	102.70	.0	529.0	529.0	.0	.0	.0	529.0	529.0	101.00	.00
1800	5	4	0.	102.70	.0	442.0	442.0	.0	.0	.0	442.0	442.0	101.00	.00
1900	5	4	0.	102.70	.0	417.0	417.0	.0	.0	.0	417.0	417.0	101.00	.00
2000	5	4	0.	102.70	.0	454.0	454.0	.0	.0	.0	454.0	454.0	101.00	.00
2100	5	4	0.	102.70	.0	393.0	393.0	.0	.0	.0	393.0	393.0	101.00	.00
2200	5	4	0.	102.70	.0	385.0	385.0	.0	.0	.0	385.0	385.0	101.00	.00
2300	5	4	0.	102.70	.0	411.0	411.0	.0	.0	.0	411.0	411.0	101.00	.00
2400	5	4	0.	102.70	.0	369.0	369.0	.0	.0	.0	369.0	369.0	101.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	6	4	0.	102.70	.0	349.0	349.0	.0	.0	.0	349.0	349.0	101.00	.00
200	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	101.00	.00
300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	101.00	.00
400	6	4	0.	102.70	.0	333.0	333.0	.0	.0	.0	333.0	333.0	101.00	.00
500	6	4	0.	102.70	.0	363.0	363.0	.0	.0	.0	363.0	363.0	101.00	.00
600	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	101.00	.00
700	6	4	0.	102.70	.0	308.0	308.0	.0	.0	.0	308.0	308.0	101.00	.00
800	6	4	0.	102.70	.0	391.0	391.0	.0	.0	.0	391.0	391.0	101.00	.00
900	6	4	0.	102.70	.0	301.0	301.0	.0	.0	.0	301.0	301.0	101.00	.00
1000	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	101.00	.00
1100	6	4	0.	102.70	.0	331.0	331.0	.0	.0	.0	331.0	331.0	101.00	.00
1200	6	4	0.	102.70	.0	294.0	294.0	.0	.0	.0	294.0	294.0	101.00	.00
1300	6	4	0.	102.70	.0	279.0	279.0	.0	.0	.0	279.0	279.0	101.00	.00
1400	6	4	0.	102.70	.0	324.0	324.0	.0	.0	.0	324.0	324.0	101.00	.00
1500	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	101.00	.00
1600	6	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	101.00	.00
1700	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	101.00	.00
1800	6	4	0.	102.70	.0	271.0	271.0	.0	.0	.0	271.0	271.0	101.00	.00
1900	6	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	101.00	.00
2000	6	4	0.	102.70	.0	307.0	307.0	.0	.0	.0	307.0	307.0	101.00	.00
2100	6	4	0.	102.70	.0	260.0	260.0	.0	.0	.0	260.0	260.0	101.00	.00
2200	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	101.00	.00
2300	6	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	101.00	.00
2400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	101.00	.00
100	7	4	0.	102.70	.0	253.0	253.0	.0	.0	.0	253.0	253.0	101.00	.00
200	7	4	0.	102.70	.0	302.0	302.0	.0	.0	.0	302.0	302.0	101.00	.00
300	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	101.00	.00
400	7	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	101.00	.00
500	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	101.00	.00
600	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	101.00	.00
700	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	101.00	.00
800	7	4	0.	102.70	.0	289.0	289.0	.0	.0	.0	289.0	289.0	101.00	.00
900	7	4	0.	102.70	.0	241.0	241.0	.0	.0	.0	241.0	241.0	101.00	.00
1000	7	4	0.	102.70	.0	242.0	242.0	.0	.0	.0	242.0	242.0	101.00	.00
1100	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	101.00	.00
1200	7	4	0.	102.70	.0	243.0	243.0	.0	.0	.0	243.0	243.0	101.00	.00
1300	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	101.00	.00
1400	7	4	0.	102.70	.0	318.0	318.0	.0	.0	.0	318.0	318.0	101.00	.00
1500	7	4	0.	102.70	.0	233.0	233.0	.0	.0	.0	233.0	233.0	101.00	.00
1600	7	4	0.	102.70	.0	234.0	234.0	.0	.0	.0	234.0	234.0	101.00	.00
1700	7	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	101.00	.00
1800	7	4	0.	102.70	.0	237.0	237.0	.0	.0	.0	237.0	237.0	101.00	.00
1900	7	4	0.	102.70	.0	226.0	226.0	.0	.0	.0	226.0	226.0	101.00	.00
2000	7	4	0.	102.70	.0	275.0	275.0	.0	.0	.0	275.0	275.0	101.00	.00
2100	7	4	0.	102.70	.0	229.0	229.0	.0	.0	.0	229.0	229.0	101.00	.00
2200	7	4	0.	102.70	.0	231.0	231.0	.0	.0	.0	231.0	231.0	101.00	.00
2300	7	4	0.	102.70	.0	268.0	268.0	.0	.0	.0	268.0	268.0	101.00	.00
2400	7	4	0.	102.70	.0	235.0	235.0	.0	.0	.0	235.0	235.0	101.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA		
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLD	PUMP	TOTAL	ELEV	VOLUME	
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)	
100	8	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	101.00	.00	
200	8	4	0.	102.70	.0	274.0	274.0	.0	.0	.0	274.0	274.0	101.00	.00	
300	8	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	101.00	.00	
400	8	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	101.00	.00	
500	8	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	101.00	.00	
600	8	4	0.	102.70	.0	182.0	182.0	.0	.0	.0	182.0	182.0	101.00	.00	
***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN			0.	102.70	.0	2298.1	2298.1	.0	.0	.0	2298.1	2298.1	101.21	857.21	
MAX			0.	102.70	.0	12670.0	12670.0	.0	.0	.0	9684.2	9684.2	102.03	4338.71	
MIN			0.	102.70	.0	99.0	99.0	.0	.0	.0	99.0	99.0	101.00	.00	
TOTAL			0.	15405.0	.0	344718.0	344718.0	.0	.0	.0	344718.0	344718.0	15180.9	128581.7	
***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY OVERFLOW	PUMPING	TOTAL	
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
0.	28489.	28489.	0.	0.	28489.	28489.

THIS RUN EXECUTED 04/09/90 16:30:10

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINOUT.HL6 -- HEAD LOSSES FOR PUMP STATION OUTFLOW
 T3 MAIN OUTFALL CHANNEL--EXISTING CHANNEL -- -2' STARTING WSEL

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	98.000	.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	38.000	1.000	11.000	12.000	3.000	5.000	25.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000

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

	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
--	---------	---------	------	------	------	------	------	------	------	------

QT	1.000	6000.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.030	.030	.030	.100	.300	.000	.000	.000	.000	.000

CONFLUENCE WITH OUTFALL CHANNEL, AT STA 0+00.00
 PUMP STATION NO. 16 FOREBAY (ALLIGATOR BAYOU PUMP STATION)

X1	9.000	6.000	9883.000	10115.000	.000	.000	.000	.000	100.000	.000
GR	6.000	9000.000	6.000	9883.000	-15.000	9925.000	-15.000	10075.000	5.000	10115.000
GR	5.000	10300.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

SPRR TRESTLE BRIDGE (DD NO. 7 STA. -4+25.36)

X1	11.550	37.000	9888.000	10114.000	255.000	255.000	255.000	.000	100.000	.000
BT	65.000	9888.000	107.400	103.500	9888.000	107.400	103.500	9888.000	107.400	103.500
BT	9888.000	107.400	103.500	9900.000	107.400	103.500	9900.000	107.400	97.500	9901.000
BT	107.400	97.000	9901.000	107.400	103.500	9916.000	107.400	103.500	9916.000	107.400
BT	89.500	9917.000	107.400	89.000	9917.000	107.400	103.500	9932.000	107.400	103.500
BT	9932.000	107.400	85.000	9933.000	107.400	85.000	9933.000	107.400	103.500	9948.000
BT	107.400	103.500	9948.000	107.400	85.000	9949.000	107.400	85.000	9949.000	107.400
BT	103.500	9964.000	107.400	103.500	9964.000	107.400	85.000	9965.000	107.400	85.000
BT	9965.000	107.400	103.500	9980.000	107.400	103.500	9980.000	107.400	85.000	9981.000
BT	107.400	85.000	9981.000	107.400	103.500	9990.000	107.400	103.500	9990.000	107.400
BT	85.000	9991.000	107.400	85.000	9991.000	107.400	103.500	10003.000	107.400	103.500
BT	10003.000	107.400	85.000	10004.000	107.400	85.000	10004.000	107.400	103.500	10016.000

THIS RUN EXECUTED 04/09/90 16:39:32

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

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

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLDB	QCH	QROB
9.000	98.00	.00	.00	98.11	1.15	2.62	.11	6000.00	.00	6000.00	.00
9.000	99.00	.00	.00	99.09	.89	2.41	.09	6000.00	.00	6000.00	.00
9.000	100.00	.00	.00	100.08	.70	2.22	.08	6000.00	.00	6000.00	.00
9.000	101.00	.00	.00	101.07	.56	2.06	.07	6000.00	.00	6000.00	.00
9.000	102.00	.00	.00	102.06	.45	1.92	.06	6000.00	.00	6000.00	.00
9.000	103.00	.00	.00	103.05	.37	1.79	.05	6000.00	.00	6000.00	.00
9.000	104.00	.00	.00	104.04	.31	1.68	.04	6000.00	.00	6000.00	.00
9.000	105.00	.00	.00	105.04	.25	1.58	.04	6000.00	.00	6000.00	.00
11.550	98.04	.05	.01	98.17	5.05	2.88	.13	6000.00	.00	6000.00	.00
11.550	99.03	.04	.01	99.14	4.13	2.64	.11	6000.00	.00	6000.00	.00
11.550	100.03	.03	.01	100.12	3.42	2.44	.09	6000.00	.00	6000.00	.00
11.550	101.02	.03	.01	101.10	2.85	2.26	.08	6000.00	.00	6000.00	.00
11.550	102.02	.02	.01	102.09	2.40	2.10	.07	6000.00	.00	6000.00	.00
11.550	103.01	.02	.00	103.07	2.05	1.96	.06	6000.00	.00	6000.00	.00
11.550	104.01	.02	.01	104.07	2.70	1.89	.06	6000.00	14.94	5984.90	.16
11.550	105.01	.01	.01	105.06	2.48	1.81	.05	6000.00	260.21	5736.89	2.89
11.950	98.06	.02	.00	98.19	5.03	2.87	.13	6000.00	.00	6000.00	.00
11.950	99.05	.02	.00	99.16	4.12	2.64	.11	6000.00	.00	6000.00	.00
11.950	100.04	.01	.00	100.13	3.40	2.43	.09	6000.00	.00	6000.00	.00
11.950	101.03	.01	.00	101.11	2.84	2.25	.08	6000.00	.00	6000.00	.00
11.950	102.03	.01	.00	102.09	2.40	2.10	.07	6000.00	.00	6000.00	.00
11.950	103.02	.01	.00	103.08	2.05	1.96	.06	6000.00	.00	6000.00	.00
11.950	104.02	.01	.00	104.08	2.70	1.89	.06	6000.00	15.72	5984.10	.17
11.950	105.02	.01	.00	105.07	2.48	1.81	.05	6000.00	264.05	5732.95	2.99

SECNO	CWSEL	HL	DLOSS	EG	10K*5	VCH	HV	Q	QLOB	QCH	QROB
12.450	98.10	.01	.00	98.20	1.12	2.61	.11	6000.00	.00	6000.00	.00
12.450	99.08	.01	.00	99.17	.88	2.40	.09	6000.00	.00	6000.00	.00
12.450	100.06	.01	.00	100.14	.69	2.22	.08	6000.00	.00	6000.00	.00
12.450	101.05	.01	.00	101.12	.55	2.06	.07	6000.00	.00	6000.00	.00
12.450	102.04	.00	.00	102.10	.45	1.92	.05	6000.00	.00	6000.00	.00
12.450	103.04	.00	.00	103.09	.37	1.79	.05	6000.00	.00	6000.00	.00
12.450	104.04	.00	.00	104.08	.30	1.68	.04	6000.00	.00	6000.00	.00
12.450	105.03	.00	.00	105.07	.25	1.58	.04	6000.00	.00	6000.00	.00
56.000	98.58	.47	.00	98.68	1.04	2.55	.10	6000.00	.00	6000.00	.00
56.000	99.45	.37	.00	99.54	.84	2.36	.09	6000.00	.00	6000.00	.00
56.000	100.36	.30	.00	100.44	.68	2.20	.08	6000.00	.00	6000.00	.00
56.000	101.29	.24	.00	101.36	.55	2.05	.07	6000.00	.00	6000.00	.00
56.000	102.24	.20	.00	102.30	.45	1.92	.06	6000.00	.00	6000.00	.00
56.000	103.20	.16	.00	103.25	.37	1.80	.05	6000.00	.00	6000.00	.00
56.000	104.17	.13	.00	104.22	.31	1.69	.04	6000.00	.00	6000.00	.00
56.000	105.15	.11	.00	105.18	.26	1.59	.04	6000.00	.00	6000.00	.00
62.910	98.65	.07	.00	98.75	1.02	2.49	.10	6000.00	.00	6000.00	.00
62.910	99.52	.06	.00	99.60	.82	2.31	.08	6000.00	.00	6000.00	.00
62.910	100.41	.05	.00	100.49	.66	2.15	.07	6000.00	.00	6000.00	.00
62.910	101.33	.04	.00	101.40	.53	2.00	.06	6000.00	.00	6000.00	.00
62.910	102.27	.03	.00	102.33	.43	1.87	.05	6000.00	1.24	5997.81	.95
62.910	103.23	.02	.00	103.27	.35	1.74	.05	6000.00	13.53	5976.19	10.28
62.910	104.20	.02	.00	104.24	.28	1.63	.04	6000.00	31.67	5944.50	23.83
62.910	105.17	.02	.00	105.20	.23	1.53	.04	6000.00	52.68	5908.50	38.82
63.510	98.66	.00	.00	98.75	1.01	2.48	.10	6000.00	.00	6000.00	.00
63.510	99.52	.00	.00	99.60	.81	2.31	.08	6000.00	.00	6000.00	.00
63.510	100.42	.00	.00	100.49	.66	2.15	.07	6000.00	.00	6000.00	.00
63.510	101.34	.00	.00	101.40	.53	2.00	.06	6000.00	.00	6000.00	.00
63.510	102.30	.03	.00	102.36	.43	1.86	.05	6000.00	1.51	5997.33	1.15
63.510	103.26	.04	.00	103.31	.34	1.74	.05	6000.00	14.23	5974.97	10.80
63.510	104.24	.04	.00	104.28	.28	1.63	.04	6000.00	32.65	5942.80	24.55
63.510	105.22	.05	.00	105.25	.22	1.52	.04	6000.00	53.87	5906.44	39.69
64.210	98.66	.01	.00	98.76	1.01	2.48	.10	6000.00	.00	6000.00	.00
64.210	99.52	.01	.00	99.61	.81	2.31	.08	6000.00	.00	6000.00	.00
64.210	100.42	.00	.00	100.49	.66	2.15	.07	6000.00	.00	6000.00	.00
64.210	101.34	.00	.00	101.40	.53	2.00	.06	6000.00	.00	6000.00	.00
64.210	102.31	.00	.00	102.36	.43	1.86	.05	6000.00	1.55	5997.27	1.18
64.210	103.27	.00	.00	103.31	.34	1.74	.05	6000.00	14.29	5974.86	10.85
64.210	104.24	.00	.00	104.28	.28	1.62	.04	6000.00	32.71	5942.70	24.59
64.210	105.22	.00	.00	105.25	.22	1.52	.04	6000.00	53.93	5906.34	39.73

SECNO	CWSEL	HL	DLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
55.210	98.65	.01	.01	98.78	1.37	2.87	.13	5000.00	.00	5000.00	.00
65.210	99.51	.01	.01	99.62	1.09	2.66	.11	5000.00	.00	5000.00	.00
65.210	100.41	.01	.01	100.51	.88	2.48	.10	5000.00	.00	5000.00	.00
65.210	101.33	.01	.01	101.41	.72	2.31	.08	5000.00	.00	5000.00	.00
65.210	102.30	.00	.01	102.37	.58	2.15	.07	5000.00	.00	5000.00	.00
65.210	103.26	.00	.00	103.32	.47	2.01	.06	5000.00	.45	5998.85	.70
65.210	104.24	.00	.00	104.29	.38	1.89	.06	5000.00	2.60	5993.33	4.07
65.210	105.21	.00	.00	105.26	.31	1.78	.05	5000.00	6.98	5982.08	10.94
76.650	98.81	.16	.00	98.93	1.35	2.86	.13	5000.00	.00	5000.00	.00
76.650	99.64	.13	.00	99.75	1.09	2.66	.11	5000.00	.00	5000.00	.00
76.650	100.51	.10	.00	100.61	.89	2.48	.10	5000.00	.00	5000.00	.00
76.650	101.41	.08	.00	101.50	.72	2.32	.08	5000.00	.00	5000.00	.00
76.650	102.37	.07	.00	102.44	.59	2.16	.07	5000.00	.02	5999.56	.02
76.650	103.31	.05	.00	103.38	.47	2.03	.06	5000.00	.52	5998.96	.52
76.650	104.28	.04	.00	104.33	.38	1.90	.06	5000.00	2.05	5995.89	2.05
76.650	105.25	.04	.00	105.30	.31	1.79	.05	5000.00	4.79	5990.42	4.79
104.650	99.18	.36	.00	99.30	1.22	2.77	.12	5000.00	.00	5000.00	.00
104.650	99.94	.30	.00	100.05	1.02	2.60	.10	5000.00	.00	5000.00	.00
104.650	100.76	.24	.00	100.85	.84	2.43	.09	5000.00	.00	5000.00	.00
104.650	101.61	.20	.00	101.70	.69	2.28	.08	5000.00	.00	5000.00	.00
104.650	102.53	.16	.00	102.60	.56	2.14	.07	5000.00	.05	5999.90	.05
104.650	103.44	.13	.00	103.51	.46	2.01	.06	5000.00	.67	5998.67	.67
104.650	104.39	.11	.00	104.44	.37	1.89	.06	5000.00	2.30	5995.40	2.30
104.650	105.33	.09	.00	105.38	.31	1.78	.05	5000.00	5.11	5989.78	5.11
123.000	99.40	.22	.00	99.52	1.19	2.74	.12	5000.00	.00	5000.00	.00
123.000	100.13	.18	.00	100.23	.99	2.58	.10	5000.00	.00	5000.00	.00
123.000	100.91	.15	.00	101.00	.83	2.42	.09	5000.00	.00	5000.00	.00
123.000	101.74	.13	.00	101.82	.69	2.27	.08	5000.00	.00	5000.00	.00
123.000	102.63	.10	.00	102.70	.56	2.13	.07	5000.00	.08	5999.83	.08
123.000	103.53	.08	.00	103.59	.46	2.01	.06	5000.00	.78	5998.44	.78
123.000	104.45	.07	.00	104.51	.38	1.89	.06	5000.00	2.50	5995.01	2.50
123.000	105.39	.06	.00	105.44	.31	1.79	.05	5000.00	5.37	5989.26	5.37
128.000	99.46	.06	.00	99.58	1.20	2.74	.12	5000.00	.00	5000.00	.00
128.000	100.18	.05	.00	100.28	1.00	2.58	.10	5000.00	.00	5000.00	.00
128.000	100.95	.04	.00	101.04	.84	2.43	.09	5000.00	.00	5000.00	.00
128.000	101.78	.03	.00	101.86	.70	2.28	.08	5000.00	.00	5000.00	.00
128.000	102.66	.03	.00	102.73	.57	2.14	.07	5000.00	.09	5999.82	.09
128.000	103.55	.02	.00	103.61	.46	2.01	.06	5000.00	.81	5998.37	.81
128.000	104.47	.02	.00	104.53	.38	1.90	.06	5000.00	2.56	5994.88	2.56
128.000	105.41	.02	.00	105.46	.31	1.79	.05	5000.00	5.47	5989.07	5.47

SECNO	CWSEL	HL	QLOSS	ES	10K*5	VCH	HV	Q	QLOB	QCH	QRDB
155.650	99.79	.32	.00	99.90	1.13	2.69	.11	6000.00	.00	6000.00	.00
155.650	100.45	.27	.00	100.55	.96	2.54	.10	6000.00	.00	6000.00	.00
155.650	101.18	.23	.00	101.27	.81	2.40	.09	6000.00	.00	6000.00	.00
155.650	101.97	.19	.00	102.05	.68	2.26	.08	6000.00	.00	6000.00	.00
155.650	102.82	.16	.00	102.89	.56	2.13	.07	6000.00	.16	5999.51	.33
155.650	103.68	.13	.00	103.74	.46	2.01	.06	6000.00	1.00	5996.93	2.07
155.650	104.58	.10	.00	104.63	.38	1.89	.06	6000.00	2.85	5991.24	5.91
155.650	105.49	.09	.00	105.54	.31	1.79	.05	6000.00	5.83	5982.07	12.10
169.000	99.94	.15	.00	100.05	1.12	2.69	.11	6000.00	.00	6000.00	.00
169.000	100.58	.13	.00	100.68	.96	2.55	.10	6000.00	.00	6000.00	.00
169.000	101.29	.11	.00	101.38	.82	2.41	.09	6000.00	.00	6000.00	.00
169.000	102.06	.09	.00	102.14	.69	2.28	.08	6000.00	.00	6000.00	.00
169.000	102.89	.08	.00	102.96	.58	2.14	.07	6000.00	.00	6000.00	.00
169.000	103.74	.06	.00	103.80	.48	2.02	.06	6000.00	.13	5999.78	.09
169.000	104.63	.05	.00	104.69	.39	1.91	.06	6000.00	.99	5998.35	.67
169.000	105.53	.04	.00	105.59	.33	1.81	.05	6000.00	2.93	5995.10	1.98
180.000	100.06	.12	.00	100.17	1.11	2.68	.11	6000.00	.00	6000.00	.00
180.000	100.69	.11	.00	100.79	.96	2.55	.10	6000.00	.00	6000.00	.00
180.000	101.38	.09	.00	101.47	.82	2.41	.09	6000.00	.00	6000.00	.00
180.000	102.13	.08	.00	102.22	.69	2.28	.08	6000.00	.00	6000.00	.00
180.000	102.95	.06	.00	103.03	.57	2.15	.07	6000.00	.25	5999.51	.25
180.000	103.79	.05	.00	103.86	.47	2.03	.06	6000.00	1.20	5997.60	1.20
180.000	104.67	.04	.00	104.73	.39	1.92	.06	6000.00	3.17	5993.65	3.17
180.000	105.57	.04	.00	105.62	.32	1.81	.05	6000.00	6.28	5987.44	6.28
190.300	100.17	.11	.00	100.28	1.02	2.66	.11	6000.00	8.87	5987.08	4.06
190.300	100.78	.09	.00	100.88	.87	2.53	.10	6000.00	15.81	5976.96	7.23
190.300	101.46	.08	.00	101.55	.73	2.40	.09	6000.00	25.98	5961.22	12.80
190.300	102.20	.07	.00	102.28	.61	2.27	.08	6000.00	39.81	5939.22	20.97
190.300	103.01	.06	.00	103.08	.51	2.14	.07	6000.00	57.86	5910.06	32.08
190.300	103.84	.05	.00	103.90	.42	2.02	.06	6000.00	79.28	5874.92	45.81
190.300	104.71	.04	.00	104.77	.35	1.91	.06	6000.00	104.56	5832.81	62.63
190.300	105.60	.03	.00	105.65	.29	1.80	.05	6000.00	132.95	5784.92	82.13
190.800	100.18	.01	.00	100.29	1.02	2.66	.11	6000.00	8.89	5987.05	4.07
190.800	100.79	.00	.00	100.88	.87	2.53	.10	6000.00	15.82	5976.94	7.24
190.800	101.47	.00	.00	101.55	.73	2.40	.09	6000.00	25.99	5961.20	12.81
190.800	102.21	.00	.00	102.29	.61	2.27	.08	6000.00	39.82	5939.21	20.98
190.800	103.01	.00	.00	103.08	.51	2.14	.07	6000.00	57.87	5910.05	32.08
190.800	103.84	.00	.00	103.90	.42	2.02	.06	6000.00	79.30	5874.87	45.82
190.800	104.71	.00	.00	104.77	.35	1.91	.06	6000.00	104.61	5832.72	62.67
190.800	105.61	.00	.00	105.65	.29	1.80	.05	6000.00	133.03	5784.80	82.18

SECNO	CWSEL	HL	OLSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
191.400	100.18	.01	.00	100.29	1.02	2.66	.11	6000.00	8.93	5986.98	4.09
191.400	100.79	.00	.00	100.89	.87	2.53	.10	6000.00	15.88	5976.85	7.27
191.400	101.47	.00	.00	101.56	.73	2.40	.09	6000.00	26.06	5961.10	12.84
191.400	102.21	.00	.00	102.29	.61	2.27	.08	6000.00	39.88	5939.10	21.02
191.400	103.02	.00	.00	103.09	.51	2.14	.07	6000.00	57.94	5909.94	32.12
191.400	103.84	.00	.00	103.91	.42	2.02	.06	6000.00	79.37	5874.76	45.87
191.400	104.72	.00	.00	104.77	.35	1.91	.06	6000.00	104.68	5832.61	62.71
191.400	105.61	.00	.00	105.66	.29	1.80	.05	6000.00	133.09	5784.69	82.22
191.900	100.19	.01	.00	100.30	1.02	2.66	.11	6000.00	8.98	5986.90	4.11
191.900	100.79	.00	.00	100.89	.87	2.53	.10	6000.00	15.94	5976.77	7.29
191.900	101.47	.00	.00	101.56	.73	2.40	.09	6000.00	26.12	5961.00	12.88
191.900	102.21	.00	.00	102.29	.61	2.27	.08	6000.00	39.95	5939.00	21.05
191.900	103.02	.00	.00	103.09	.51	2.14	.07	6000.00	58.00	5909.84	32.16
191.900	103.85	.00	.00	103.91	.42	2.02	.06	6000.00	79.43	5874.66	45.91
191.900	104.72	.00	.00	104.77	.35	1.91	.06	6000.00	104.73	5832.52	62.75
191.900	105.61	.00	.00	105.66	.29	1.80	.05	6000.00	133.13	5784.61	82.26
198.800	100.28	.06	.00	100.36	.85	2.37	.09	6000.00	.00	6000.00	.00
198.800	100.87	.06	.00	100.95	.74	2.26	.08	6000.00	.00	6000.00	.00
198.800	101.54	.05	.00	101.61	.63	2.15	.07	6000.00	.00	6000.00	.00
198.800	102.27	.04	.00	102.33	.53	2.03	.06	6000.00	.12	5999.76	.12
198.800	103.06	.03	.00	103.12	.44	1.92	.06	6000.00	.75	5998.50	.75
198.800	103.88	.03	.00	103.94	.37	1.82	.05	6000.00	2.11	5995.78	2.11
198.800	104.75	.02	.00	104.80	.30	1.72	.05	6000.00	4.41	5991.18	4.41
198.800	105.64	.02	.00	105.68	.25	1.63	.04	6000.00	7.69	5984.61	7.69
224.000	100.49	.22	.00	100.58	.87	2.39	.09	6000.00	.00	6000.00	.00
224.000	101.06	.19	.00	101.14	.76	2.28	.08	6000.00	.00	6000.00	.00
224.000	101.70	.16	.00	101.77	.65	2.17	.07	6000.00	.00	6000.00	.00
224.000	102.40	.14	.00	102.47	.55	2.06	.07	6000.00	.03	5999.97	.00
224.000	103.18	.11	.00	103.24	.46	1.95	.06	6000.00	.39	5999.47	.13
224.000	103.98	.09	.00	104.03	.38	1.85	.05	6000.00	1.43	5998.09	.48
224.000	104.83	.08	.00	104.87	.32	1.75	.05	6000.00	3.37	5995.50	1.13
224.000	105.70	.07	.00	105.74	.27	1.66	.04	6000.00	6.32	5991.57	2.11

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
9.000	6000.00	.00	.00	202.00	9899.00	10101.00
9.000	6000.00	.00	.00	206.00	9897.00	10103.00
9.000	6000.00	.00	.00	210.00	9895.00	10105.00
9.000	6000.00	.00	.00	214.00	9893.00	10107.00
9.000	6000.00	.00	.00	218.00	9891.00	10109.00
9.000	6000.00	.00	.00	222.00	9889.00	10111.00
9.000	6000.00	.00	.00	226.00	9887.00	10113.00
9.000	6000.00	.00	.00	230.00	9885.00	10115.00
11.550	6000.00	12.81	255.00	199.01	9898.93	10102.53
11.550	6000.00	13.95	255.00	203.44	9896.94	10104.62
11.550	6000.00	15.11	255.00	207.86	9894.96	10106.71
11.550	6000.00	16.31	255.00	212.31	9892.97	10108.82
11.550	6000.00	17.52	255.00	216.71	9890.98	10110.87
11.550	6000.00	18.76	255.00	221.15	9888.98	10112.97
11.550	6000.00	19.85	255.00	405.92	9707.64	10116.03
11.550	6000.00	21.58	255.00	844.98	9352.89	10200.00
11.950	6000.00	14.72	40.00	199.09	9898.89	10102.57
11.950	6000.00	16.04	40.00	203.51	9896.91	10104.65
11.950	6000.00	17.38	40.00	207.93	9894.93	10106.75
11.950	6000.00	18.75	40.00	212.37	9892.94	10108.85
11.950	6000.00	20.15	40.00	216.75	9890.96	10110.89
11.950	6000.00	21.58	40.00	221.20	9888.96	10112.99
11.950	6000.00	22.80	40.00	409.47	9704.13	10116.07
11.950	6000.00	24.86	40.00	848.07	9349.81	10200.00
12.450	6000.00	17.24	50.00	201.41	9899.59	10101.00
12.450	6000.00	18.78	50.00	205.27	9897.68	10102.95
12.450	6000.00	20.34	50.00	209.14	9895.77	10104.91
12.450	6000.00	21.95	50.00	213.03	9893.85	10106.88
12.450	6000.00	23.59	50.00	216.92	9891.92	10108.85
12.450	6000.00	25.26	50.00	220.83	9889.99	10110.82
12.450	6000.00	26.69	50.00	224.77	9888.04	10112.81
12.450	6000.00	29.09	50.00	228.68	9886.11	10114.79
56.000	6000.00	250.05	4355.00	202.53	9899.04	10101.57
56.000	6000.00	270.54	4355.00	205.99	9897.33	10103.31
56.000	6000.00	291.77	4355.00	209.55	9895.56	10105.12
56.000	6000.00	313.64	4355.00	213.21	9893.76	10106.97
56.000	6000.00	336.11	4355.00	216.92	9891.92	10108.85
56.000	6000.00	359.13	4355.00	220.69	9890.06	10110.75
56.000	6000.00	382.59	4355.00	224.52	9888.17	10112.69
56.000	6000.00	407.30	4355.00	228.34	9886.28	10114.62

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
62.910	6000.00	287.89	691.00	211.56	9890.63	10102.18
62.910	6000.00	311.27	691.00	215.53	9888.40	10103.94
62.910	6000.00	335.54	691.00	219.67	9886.09	10105.76
62.910	6000.00	360.59	691.00	223.92	9883.72	10107.64
62.910	6000.00	386.49	691.00	287.00	9848.00	10135.00
62.910	6000.00	413.34	691.00	287.00	9848.00	10135.00
62.910	6000.00	440.73	691.00	287.26	9847.74	10135.00
62.910	6000.00	469.40	691.00	288.96	9846.45	10135.41
63.510	6000.00	291.22	60.00	211.58	9890.61	10102.19
63.510	6000.00	314.85	60.00	215.56	9888.39	10103.95
63.510	6000.00	339.39	60.00	219.69	9886.08	10105.77
63.510	6000.00	364.72	60.00	223.94	9883.71	10107.65
63.510	6000.00	390.94	60.00	287.00	9848.00	10135.00
63.510	6000.00	418.17	60.00	287.00	9848.00	10135.00
63.510	6000.00	445.95	60.00	287.32	9847.68	10135.00
63.510	6000.00	475.00	60.00	289.16	9846.38	10135.54
64.210	6000.00	295.10	70.00	211.63	9890.58	10102.21
64.210	6000.00	319.03	70.00	215.60	9888.37	10103.97
64.210	6000.00	343.88	70.00	219.73	9886.06	10105.79
64.210	6000.00	369.54	70.00	223.97	9883.69	10107.66
64.210	6000.00	396.16	70.00	287.00	9848.00	10135.00
64.210	6000.00	423.92	70.00	287.00	9848.00	10135.00
64.210	6000.00	452.24	70.00	287.33	9847.67	10135.00
64.210	6000.00	481.84	70.00	289.17	9846.38	10135.55
65.210	6000.00	300.28	100.00	183.41	9903.30	10086.70
65.210	6000.00	324.60	100.00	186.90	9901.55	10088.45
65.210	6000.00	349.87	100.00	190.48	9899.76	10090.24
65.210	6000.00	375.97	100.00	194.16	9897.92	10092.08
65.210	6000.00	403.09	100.00	198.07	9895.97	10094.04
65.210	6000.00	431.41	100.00	209.53	9891.49	10101.02
65.210	6000.00	460.32	100.00	221.19	9886.93	10108.11
65.210	6000.00	490.52	100.00	232.89	9882.35	10115.24
76.650	6000.00	355.33	1144.00	183.31	10006.34	10189.66
76.650	6000.00	383.78	1144.00	186.58	10004.71	10191.29
76.650	6000.00	413.42	1144.00	190.06	10002.97	10193.03
76.650	6000.00	444.12	1144.00	193.65	10001.18	10194.82
76.650	6000.00	476.17	1144.00	197.79	9999.11	10196.89
76.650	6000.00	509.55	1144.00	202.53	9996.74	10199.26
76.650	6000.00	543.82	1144.00	207.37	9994.32	10201.68
76.650	6000.00	579.61	1144.00	212.21	9991.90	10204.10

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
104.650	6000.00	492.56	2800.00	184.79	10005.60	10190.40
104.650	6000.00	530.44	2800.00	187.81	10004.09	10191.91
104.650	6000.00	570.34	2800.00	191.05	10002.47	10193.53
104.650	6000.00	611.91	2800.00	194.46	10000.77	10195.23
104.650	6000.00	655.70	2800.00	198.63	9998.68	10197.32
104.650	6000.00	701.08	2800.00	203.21	9996.40	10199.60
104.650	6000.00	747.93	2800.00	207.92	9994.04	10201.96
104.650	6000.00	796.63	2800.00	212.66	9991.67	10204.33
123.000	6000.00	584.43	1835.00	185.62	10005.19	10190.81
123.000	6000.00	628.17	1835.00	188.53	10003.73	10192.27
123.000	6000.00	674.45	1835.00	191.66	10002.17	10193.83
123.000	6000.00	722.87	1835.00	194.98	10000.51	10195.49
123.000	6000.00	774.14	1835.00	199.17	9998.41	10197.59
123.000	6000.00	827.18	1835.00	203.65	9996.18	10199.82
123.000	6000.00	882.12	1835.00	208.28	9993.86	10202.14
123.000	6000.00	939.18	1835.00	212.96	9991.52	10204.48
128.000	6000.00	609.58	500.00	185.78	10005.11	10190.89
128.000	6000.00	654.87	500.00	188.66	10003.67	10192.33
128.000	6000.00	702.85	500.00	191.79	10002.11	10193.89
128.000	6000.00	753.11	500.00	195.10	10000.45	10195.55
128.000	6000.00	806.38	500.00	199.30	9998.35	10197.65
128.000	6000.00	861.48	500.00	203.75	9996.12	10199.88
128.000	6000.00	918.61	500.00	208.37	9993.82	10202.18
128.000	6000.00	977.93	500.00	213.03	9991.48	10204.52
155.650	6000.00	749.92	2765.00	187.05	10004.48	10191.52
155.650	6000.00	803.44	2765.00	189.73	10003.13	10192.87
155.650	6000.00	860.53	2765.00	192.69	10001.65	10194.35
155.650	6000.00	920.68	2765.00	195.87	10000.07	10195.93
155.650	6000.00	984.84	2765.00	202.12	9997.96	10200.08
155.650	6000.00	1051.26	2765.00	208.58	9995.81	10204.39
155.650	6000.00	1120.47	2765.00	215.33	9993.56	10208.89
155.650	6000.00	1192.38	2765.00	222.19	9991.27	10213.46
169.000	6000.00	818.35	1335.00	185.90	10006.05	10191.95
169.000	6000.00	875.62	1335.00	188.44	10004.78	10193.22
169.000	6000.00	936.92	1335.00	191.25	10003.38	10194.62
169.000	6000.00	1001.68	1335.00	194.28	10001.86	10196.14
169.000	6000.00	1070.91	1335.00	197.57	10000.22	10197.78
169.000	6000.00	1142.64	1335.00	201.59	9997.89	10199.48
169.000	6000.00	1217.54	1335.00	205.91	9995.35	10201.26
169.000	6000.00	1295.41	1335.00	210.31	9992.76	10203.07

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
180.000	6000.00	874.81	1100.00	186.29	10003.86	10190.14
180.000	6000.00	935.07	1100.00	188.77	10002.61	10191.39
180.000	6000.00	999.74	1100.00	191.54	10001.23	10192.77
180.000	6000.00	1068.21	1100.00	194.67	9999.66	10194.34
180.000	6000.00	1141.53	1100.00	198.77	9997.62	10196.38
180.000	6000.00	1217.52	1100.00	202.96	9995.52	10198.48
180.000	6000.00	1296.99	1100.00	207.36	9993.32	10200.68
180.000	6000.00	1379.62	1100.00	211.85	9991.07	10202.93
190.300	6000.00	928.18	1030.00	200.75	9991.50	10192.25
190.300	6000.00	991.30	1030.00	207.12	9987.16	10194.28
190.300	6000.00	1059.23	1030.00	215.47	9982.31	10197.79
190.300	6000.00	1131.35	1030.00	225.20	9977.04	10202.23
190.300	6000.00	1208.77	1030.00	235.79	9971.29	10207.08
190.300	6000.00	1289.12	1030.00	246.65	9965.39	10212.04
190.300	6000.00	1373.32	1030.00	258.09	9959.18	10217.27
190.300	6000.00	1460.96	1030.00	269.80	9952.82	10222.62
190.800	6000.00	930.79	50.00	200.77	9991.49	10192.26
190.800	6000.00	994.06	50.00	207.13	9987.15	10194.28
190.800	6000.00	1062.15	50.00	215.48	9982.31	10197.79
190.800	6000.00	1134.45	50.00	225.20	9977.03	10202.23
190.800	6000.00	1212.09	50.00	235.79	9971.28	10207.08
190.800	6000.00	1292.67	50.00	246.67	9965.38	10212.05
190.800	6000.00	1377.12	50.00	258.11	9959.17	10217.28
190.800	6000.00	1465.04	50.00	269.83	9952.81	10222.64
191.400	6000.00	933.93	60.00	200.82	9991.45	10192.27
191.400	6000.00	997.36	60.00	207.18	9987.12	10194.30
191.400	6000.00	1065.66	60.00	215.53	9982.28	10197.81
191.400	6000.00	1138.18	60.00	225.24	9977.01	10202.25
191.400	6000.00	1216.08	60.00	235.83	9971.26	10207.09
191.400	6000.00	1296.93	60.00	246.70	9965.36	10212.06
191.400	6000.00	1381.68	60.00	258.14	9959.15	10217.29
191.400	6000.00	1469.92	60.00	269.85	9952.79	10222.65
191.900	6000.00	936.54	50.00	200.88	9991.42	10192.29
191.900	6000.00	1000.12	50.00	207.22	9987.09	10194.31
191.900	6000.00	1068.58	50.00	215.58	9982.26	10197.84
191.900	6000.00	1141.29	50.00	225.28	9976.99	10202.27
191.900	6000.00	1219.40	50.00	235.86	9971.25	10207.11
191.900	6000.00	1300.48	50.00	246.73	9965.35	10212.08
191.900	6000.00	1385.49	50.00	258.16	9959.14	10217.30
191.900	6000.00	1474.00	50.00	269.87	9952.78	10222.66

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
198.800	6000.00	974.61	690.00	207.04	10002.48	10209.52
198.800	6000.00	1040.15	690.00	209.43	10001.28	10210.72
198.800	6000.00	1110.86	690.00	212.15	9999.93	10212.07
198.800	6000.00	1186.10	690.00	215.58	9998.21	10213.79
198.800	6000.00	1267.06	690.00	219.34	9996.33	10215.67
198.800	6000.00	1351.15	690.00	223.18	9994.41	10217.59
198.800	6000.00	1439.44	690.00	227.25	9992.37	10219.63
198.800	6000.00	1531.43	690.00	231.43	9990.28	10221.72
224.000	6000.00	1120.38	2520.00	206.04	10002.98	10209.02
224.000	6000.00	1192.89	2520.00	208.29	10001.86	10210.14
224.000	6000.00	1271.55	2520.00	210.83	10000.59	10211.41
224.000	6000.00	1355.64	2520.00	213.44	9998.97	10212.41
224.000	6000.00	1446.41	2520.00	216.14	9997.04	10213.18
224.000	6000.00	1540.76	2520.00	218.94	9995.04	10213.98
224.000	6000.00	1640.11	2520.00	221.91	9992.92	10214.83
224.000	6000.00	1743.63	2520.00	224.97	9990.74	10215.70

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/09/90 17:04:11

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINOUT.HL7 -- HEAD LOSSES FOR PUMP STATION OUTFLOW
 T3 MAIN OUTFALL CHANNEL--EXISTING CHANNEL -- -2' STARTING WSEL

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	98.000	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	11.000	12.000	3.000	5.000	26.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000

QT	1.000	7000.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.030	.030	.030	.100	.300	.000	.000	.000	.000	.000
CONFLUENCE WITH OUTFALL CHANNEL, AT STA 0+00.00 PUMP STATION NO. 16 FOREBAY (ALLIGATOR BAYOU PUMP STATION)										
X1	9.000	6.000	9883.000	10115.000	.000	.000	.000	.000	100.000	.000
BR	6.000	9000.000	6.000	9883.000	-15.000	9925.000	-15.000	10075.000	5.000	10115.000
GR	5.000	10300.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
SPRR TRESTLE BRIDGE (DD NO. 7 STA. -4+25.36)										
X1	11.550	37.000	9888.000	10114.000	255.000	255.000	255.000	.000	100.000	.000
BT	65.000	9888.000	107.400	103.500	9888.000	107.400	103.500	9888.000	107.400	103.500
BT	9888.000	107.400	103.500	9900.000	107.400	103.500	9900.000	107.400	97.500	9901.000
BT	107.400	97.000	9901.000	107.400	103.500	9916.000	107.400	103.500	9916.000	107.400
BT	89.500	9917.000	107.400	89.000	9917.000	107.400	103.500	9932.000	107.400	103.500
BT	9932.000	107.400	85.000	9933.000	107.400	85.000	9933.000	107.400	103.500	9948.000
BT	107.400	103.500	9948.000	107.400	85.000	9949.000	107.400	85.000	9949.000	107.400
BT	103.500	9964.000	107.400	103.500	9964.000	107.400	85.000	9965.000	107.400	85.000
BT	9965.000	107.400	103.500	9980.000	107.400	103.500	9980.000	107.400	85.000	9981.000
BT	107.400	85.000	9981.000	107.400	103.500	9990.000	107.400	103.500	9990.000	107.400
BT	85.000	9991.000	107.400	85.000	9991.000	107.400	103.500	10003.000	107.400	103.500
BT	10003.000	107.400	85.000	10004.000	107.400	85.000	10004.000	107.400	103.500	10016.000

THIS RUN EXECUTED 04/09/90 17:13:26

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

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

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	CWSEL	HL	LOSS	EG	10K*S	VCH	HV	Q	GLOB	QCH	QROB
9.000	98.00	.00	.00	98.15	1.56	3.06	.15	7000.00	.00	7000.00	.00
9.000	99.00	.00	.00	99.12	1.21	2.81	.12	7000.00	.00	7000.00	.00
9.000	100.00	.00	.00	100.10	.95	2.59	.10	7000.00	.00	7000.00	.00
9.000	101.00	.00	.00	101.09	.76	2.40	.09	7000.00	.00	7000.00	.00
9.000	102.00	.00	.00	102.08	.61	2.24	.08	7000.00	.00	7000.00	.00
9.000	103.00	.00	.00	103.07	.50	2.09	.07	7000.00	.00	7000.00	.00
9.000	104.00	.00	.00	104.06	.42	1.96	.06	7000.00	.00	7000.00	.00
9.000	105.00	.00	.00	105.05	.35	1.84	.05	7000.00	.00	7000.00	.00
11.550	98.06	.07	.01	98.23	6.86	3.35	.17	7000.00	.00	7000.00	.00
11.550	99.05	.06	.01	99.19	5.61	3.08	.15	7000.00	.00	7000.00	.00
11.550	100.04	.05	.01	100.16	4.64	2.84	.13	7000.00	.00	7000.00	.00
11.550	101.03	.04	.01	101.14	3.88	2.63	.11	7000.00	.00	7000.00	.00
11.550	102.02	.03	.01	102.12	3.27	2.45	.09	7000.00	.00	7000.00	.00
11.550	103.02	.03	.01	103.10	2.79	2.28	.08	7000.00	.00	7000.00	.00
11.550	104.02	.02	.01	104.09	3.67	2.21	.08	7000.00	17.68	6982.12	.20
11.550	105.01	.02	.01	105.08	3.37	2.11	.07	7000.00	304.79	6691.81	3.40
11.950	98.09	.03	.00	98.26	6.81	3.34	.17	7000.00	.00	7000.00	.00
11.950	99.07	.02	.00	99.21	5.59	3.07	.15	7000.00	.00	7000.00	.00
11.950	100.05	.02	.00	100.18	4.62	2.84	.12	7000.00	.00	7000.00	.00
11.950	101.04	.02	.00	101.15	3.86	2.63	.11	7000.00	.00	7000.00	.00
11.950	102.04	.01	.00	102.13	3.26	2.45	.09	7000.00	.00	7000.00	.00
11.950	103.03	.01	.00	103.11	2.78	2.28	.08	7000.00	.00	7000.00	.00
11.950	104.03	.01	.00	104.11	3.67	2.21	.08	7000.00	18.95	6980.84	.21
11.950	105.03	.01	.00	105.09	3.37	2.11	.07	7000.00	310.92	6685.51	3.57

SECND	CWSEL	HL	DLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
12.450	98.13	.01	.00	98.28	1.51	3.03	.14	7000.00	.00	7000.00	.00
12.450	99.11	.01	.00	99.23	1.18	2.79	.12	7000.00	.00	7000.00	.00
12.450	100.09	.01	.00	100.19	.94	2.58	.10	7000.00	.00	7000.00	.00
12.450	101.07	.01	.00	101.16	.75	2.40	.09	7000.00	.00	7000.00	.00
12.450	102.06	.01	.00	102.14	.61	2.24	.08	7000.00	.00	7000.00	.00
12.450	103.05	.00	.00	103.12	.50	2.09	.07	7000.00	.00	7000.00	.00
12.450	104.05	.00	.00	104.11	.41	1.96	.06	7000.00	.00	7000.00	.00
12.450	105.05	.00	.00	105.10	.35	1.84	.05	7000.00	.00	7000.00	.00
56.000	98.77	.62	.00	98.90	1.35	2.92	.13	7000.00	.00	7000.00	.00
56.000	99.61	.50	.00	99.72	1.10	2.72	.12	7000.00	.00	7000.00	.00
56.000	100.49	.40	.00	100.59	.89	2.54	.10	7000.00	.00	7000.00	.00
56.000	101.40	.32	.00	101.48	.73	2.38	.09	7000.00	.00	7000.00	.00
56.000	102.32	.26	.00	102.40	.60	2.23	.08	7000.00	.00	7000.00	.00
56.000	103.27	.22	.00	103.33	.50	2.09	.07	7000.00	.00	7000.00	.00
56.000	104.23	.18	.00	104.29	.42	1.96	.06	7000.00	.00	7000.00	.00
56.000	105.20	.15	.00	105.25	.35	1.85	.05	7000.00	.00	7000.00	.00
62.910	98.87	.09	.00	98.99	1.31	2.85	.13	7000.00	.00	7000.00	.00
62.910	99.69	.07	.00	99.80	1.06	2.66	.11	7000.00	.00	7000.00	.00
62.910	100.56	.06	.00	100.65	.87	2.48	.10	7000.00	.00	7000.00	.00
62.910	101.45	.05	.00	101.53	.71	2.32	.08	7000.00	.00	7000.00	.00
62.910	102.37	.04	.00	102.44	.58	2.17	.07	7000.00	2.37	6995.82	1.81
62.910	103.31	.03	.00	103.37	.46	2.02	.06	7000.00	17.34	6969.50	13.16
62.910	104.27	.03	.00	104.32	.37	1.89	.06	7000.00	38.60	6932.40	29.00
62.910	105.23	.02	.00	105.27	.30	1.78	.05	7000.00	62.99	6890.61	46.40
63.510	98.87	.00	.00	99.00	1.30	2.84	.13	7000.00	.00	7000.00	.00
63.510	99.70	.00	.00	99.80	1.06	2.65	.11	7000.00	.00	7000.00	.00
63.510	100.56	.00	.00	100.65	.87	2.48	.10	7000.00	.00	7000.00	.00
63.510	101.45	.00	.00	101.54	.71	2.31	.08	7000.00	.00	7000.00	.00
63.510	102.41	.04	.00	102.49	.57	2.16	.07	7000.00	2.89	6994.90	2.20
63.510	103.36	.05	.00	103.42	.46	2.02	.06	7000.00	18.49	6967.49	14.03
63.510	104.33	.06	.00	104.38	.37	1.89	.05	7000.00	40.19	6929.65	30.15
63.510	105.29	.07	.00	105.34	.30	1.77	.05	7000.00	64.90	6887.30	47.80
64.210	98.88	.01	.00	99.01	1.30	2.84	.13	7000.00	.00	7000.00	.00
64.210	99.70	.01	.00	99.81	1.06	2.65	.11	7000.00	.00	7000.00	.00
64.210	100.57	.01	.00	100.66	.86	2.48	.10	7000.00	.00	7000.00	.00
64.210	101.46	.00	.00	101.54	.71	2.31	.08	7000.00	.00	7000.00	.00
64.210	102.42	.00	.00	102.49	.57	2.16	.07	7000.00	2.96	6994.78	2.26
64.210	103.36	.00	.00	103.42	.46	2.02	.06	7000.00	18.59	6967.31	14.10
64.210	104.33	.00	.00	104.38	.37	1.88	.05	7000.00	40.29	6929.49	30.22
64.210	105.30	.00	.00	105.34	.30	1.77	.05	7000.00	64.99	6887.15	47.86

SECNO	CWSEL	HL	QLOSS	EG	10K*5	VCH	HV	Q	QLDB	QCH	GRDB
65.210	98.87	.02	.01	99.04	1.76	3.28	.17	7000.00	.00	7000.00	.00
65.210	99.69	.01	.01	99.84	1.43	3.06	.15	7000.00	.00	7000.00	.00
65.210	100.55	.01	.01	100.68	1.17	2.86	.13	7000.00	.00	7000.00	.00
65.210	101.45	.01	.01	101.56	.95	2.67	.11	7000.00	.00	7000.00	.00
65.210	102.41	.01	.01	102.50	.78	2.49	.10	7000.00	.00	7000.00	.00
65.210	103.35	.01	.01	103.44	.63	2.33	.08	7000.00	.66	6998.30	1.04
65.210	104.32	.00	.01	104.39	.51	2.19	.07	7000.00	3.37	6991.34	5.29
65.210	105.29	.00	.01	105.35	.42	2.06	.07	7000.00	8.63	6977.84	13.54
76.650	99.07	.20	.00	99.23	1.71	3.26	.16	7000.00	.00	7000.00	.00
76.650	99.85	.16	.00	100.00	1.41	3.05	.14	7000.00	.00	7000.00	.00
76.650	100.69	.13	.00	100.81	1.16	2.86	.13	7000.00	.00	7000.00	.00
76.650	101.56	.11	.00	101.67	.96	2.67	.11	7000.00	.00	7000.00	.00
76.650	102.49	.09	.00	102.59	.77	2.50	.10	7000.00	.05	6999.90	.05
76.650	103.42	.07	.00	103.51	.63	2.35	.09	7000.00	.74	6998.52	.74
76.650	104.38	.06	.00	104.45	.51	2.21	.08	7000.00	2.65	6994.70	2.65
76.650	105.33	.05	.00	105.40	.42	2.08	.07	7000.00	5.95	6988.11	5.95
104.650	99.54	.45	.00	99.69	1.52	3.13	.15	7000.00	.00	7000.00	.00
104.650	100.24	.38	.00	100.38	1.29	2.96	.14	7000.00	.00	7000.00	.00
104.650	101.01	.31	.00	101.13	1.08	2.79	.12	7000.00	.00	7000.00	.00
104.650	101.82	.26	.00	101.93	.90	2.62	.11	7000.00	.00	7000.00	.00
104.650	102.71	.21	.00	102.80	.73	2.46	.09	7000.00	.13	6999.75	.13
104.650	103.60	.17	.00	103.68	.60	2.32	.08	7000.00	1.00	6998.00	1.00
104.650	104.52	.14	.00	104.59	.50	2.19	.07	7000.00	3.07	6993.87	3.07
104.650	105.45	.12	.00	105.52	.41	2.07	.07	7000.00	6.46	6987.07	6.46
123.000	99.81	.27	.00	99.96	1.46	3.08	.15	7000.00	.00	7000.00	.00
123.000	100.48	.23	.00	100.61	1.25	2.92	.13	7000.00	.00	7000.00	.00
123.000	101.20	.20	.00	101.32	1.05	2.76	.12	7000.00	.00	7000.00	.00
123.000	101.99	.16	.00	102.09	.89	2.61	.11	7000.00	.00	7000.00	.00
123.000	102.84	.13	.00	102.94	.73	2.45	.09	7000.00	.20	6999.59	.20
123.000	103.71	.11	.00	103.79	.60	2.31	.08	7000.00	1.20	6997.60	1.20
123.000	104.61	.09	.00	104.69	.49	2.19	.07	7000.00	3.38	6993.24	3.38
123.000	105.53	.08	.00	105.59	.41	2.07	.07	7000.00	6.87	6986.26	6.87
128.000	99.89	.07	.00	100.03	1.46	3.09	.15	7000.00	.00	7000.00	.00
128.000	100.54	.06	.00	100.67	1.25	2.93	.13	7000.00	.00	7000.00	.00
128.000	101.26	.05	.00	101.38	1.06	2.77	.12	7000.00	.00	7000.00	.00
128.000	102.03	.04	.00	102.14	.90	2.61	.11	7000.00	.00	7000.00	.00
128.000	102.88	.04	.00	102.97	.73	2.46	.09	7000.00	.23	6999.55	.23
128.000	103.74	.03	.00	103.82	.60	2.32	.08	7000.00	1.26	6997.48	1.26
128.000	104.64	.02	.00	104.71	.50	2.19	.07	7000.00	3.48	6993.04	3.48
128.000	105.55	.02	.00	105.61	.42	2.07	.07	7000.00	7.01	6985.98	7.01

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	DCH	QRDB
155.650	100.28	.39	.00	100.43	1.36	3.01	.14	7000.00	.00	7000.00	.00
155.650	100.88	.34	.00	101.01	1.18	2.87	.13	7000.00	.00	7000.00	.00
155.650	101.55	.29	.00	101.66	1.02	2.72	.12	7000.00	.00	7000.00	.00
155.650	102.28	.24	.00	102.38	.86	2.58	.10	7000.00	.00	6999.98	.02
155.650	103.08	.20	.00	103.17	.71	2.44	.09	7000.00	.39	6998.81	.80
155.650	103.90	.17	.00	103.99	.59	2.31	.08	7000.00	1.59	6995.10	3.30
155.650	104.77	.14	.00	104.85	.49	2.18	.07	7000.00	3.96	6987.83	8.21
155.650	105.66	.11	.00	105.73	.41	2.07	.07	7000.00	7.59	6976.66	15.74
169.000	100.47	.18	.00	100.61	1.34	3.00	.14	7000.00	.00	7000.00	.00
169.000	101.04	.16	.00	101.17	1.18	2.87	.13	7000.00	.00	7000.00	.00
169.000	101.68	.14	.00	101.80	1.02	2.73	.12	7000.00	.00	7000.00	.00
169.000	102.39	.12	.00	102.50	.87	2.59	.10	7000.00	.00	7000.00	.00
169.000	103.18	.10	.00	103.27	.74	2.45	.09	7000.00	.00	7000.00	.00
169.000	103.98	.08	.00	104.07	.61	2.32	.08	7000.00	.32	6999.46	.22
169.000	104.84	.07	.00	104.91	.51	2.20	.07	7000.00	1.56	6997.39	1.05
169.000	105.72	.06	.00	105.78	.43	2.08	.07	7000.00	4.04	6993.24	2.73
180.000	100.61	.15	.00	100.75	1.33	2.99	.14	7000.00	.00	7000.00	.00
180.000	101.17	.13	.00	101.29	1.17	2.86	.13	7000.00	.00	7000.00	.00
180.000	101.80	.11	.00	101.91	1.01	2.73	.12	7000.00	.00	7000.00	.00
180.000	102.49	.10	.00	102.59	.86	2.59	.10	7000.00	.05	6999.90	.05
180.000	103.26	.08	.00	103.35	.72	2.45	.09	7000.00	.58	6998.84	.58
180.000	104.05	.07	.00	104.13	.60	2.33	.08	7000.00	1.95	6996.09	1.95
180.000	104.90	.06	.00	104.97	.50	2.21	.08	7000.00	4.48	6991.03	4.48
180.000	105.76	.05	.00	105.83	.42	2.09	.07	7000.00	8.27	6983.46	8.27
190.300	100.75	.13	.00	100.88	1.19	2.96	.14	7000.00	17.95	6973.84	8.21
190.300	101.28	.11	.00	101.41	1.04	2.84	.12	7000.00	26.94	6960.09	12.97
190.300	101.90	.10	.00	102.01	.90	2.71	.11	7000.00	39.41	6940.33	20.27
190.300	102.57	.08	.00	102.67	.76	2.58	.10	7000.00	55.69	6914.22	30.08
190.300	103.33	.07	.00	103.42	.64	2.45	.09	7000.00	76.78	6879.93	43.29
190.300	104.11	.06	.00	104.19	.54	2.32	.08	7000.00	101.41	6839.29	59.31
190.300	104.95	.05	.00	105.02	.45	2.19	.07	7000.00	130.49	6790.66	78.85
190.300	105.81	.04	.00	105.87	.38	2.07	.06	7000.00	163.05	6735.60	101.36
190.800	100.75	.01	.00	100.89	1.19	2.96	.14	7000.00	17.97	6973.81	8.22
190.800	101.29	.01	.00	101.41	1.04	2.84	.12	7000.00	26.96	6960.06	12.98
190.800	101.90	.00	.00	102.01	.90	2.71	.11	7000.00	39.41	6940.31	20.27
190.800	102.58	.00	.00	102.68	.76	2.58	.10	7000.00	55.70	6914.21	30.09
190.800	103.33	.00	.00	103.42	.64	2.45	.09	7000.00	76.79	6879.91	43.30
190.800	104.11	.00	.00	104.20	.54	2.32	.08	7000.00	101.46	6839.20	59.34
190.800	104.95	.00	.00	105.02	.45	2.19	.07	7000.00	130.58	6790.51	78.91
190.800	105.81	.00	.00	105.88	.38	2.07	.06	7000.00	163.17	6735.39	101.44

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QRDB
191.400	100.76	.01	.00	100.89	1.19	2.96	.14	7000.00	18.06	6973.68	8.26
191.400	101.29	.01	.00	101.42	1.04	2.84	.12	7000.00	27.06	6959.90	13.04
191.400	101.91	.01	.00	102.02	.90	2.71	.11	7000.00	39.52	6940.14	20.34
191.400	102.58	.00	.00	102.68	.76	2.58	.10	7000.00	55.81	6914.03	30.16
191.400	103.34	.00	.00	103.43	.64	2.45	.09	7000.00	76.91	6879.72	43.37
191.400	104.12	.00	.00	104.20	.54	2.32	.08	7000.00	101.57	6839.02	59.41
191.400	104.95	.00	.00	105.03	.45	2.19	.07	7000.00	130.68	6790.34	78.98
191.400	105.81	.00	.00	105.88	.38	2.07	.06	7000.00	163.27	6735.22	101.51
191.900	100.77	.01	.00	100.90	1.19	2.96	.14	7000.00	18.15	6973.54	8.30
191.900	101.30	.01	.00	101.42	1.04	2.84	.12	7000.00	27.16	6959.75	13.10
191.900	101.91	.00	.00	102.02	.89	2.71	.11	7000.00	39.62	6939.98	20.40
191.900	102.58	.00	.00	102.69	.76	2.58	.10	7000.00	55.91	6913.87	30.22
191.900	103.34	.00	.00	103.43	.64	2.44	.09	7000.00	77.00	6879.56	43.43
191.900	104.12	.00	.00	104.20	.54	2.32	.08	7000.00	101.66	6838.87	59.47
191.900	104.96	.00	.00	105.03	.45	2.19	.07	7000.00	130.77	6790.20	79.04
191.900	105.82	.00	.00	105.88	.38	2.07	.06	7000.00	163.34	6735.10	101.56
198.800	100.87	.08	.00	100.98	1.00	2.64	.11	7000.00	.00	7000.00	.00
198.800	101.39	.07	.00	101.49	.89	2.53	.10	7000.00	.00	7000.00	.00
198.800	101.99	.06	.00	102.08	.77	2.42	.09	7000.00	.04	6999.91	.04
198.800	102.65	.05	.00	102.74	.66	2.31	.08	7000.00	.40	6999.19	.40
198.800	103.40	.04	.00	103.47	.55	2.19	.07	7000.00	1.41	6997.17	1.41
198.800	104.17	.03	.00	104.24	.47	2.09	.07	7000.00	3.24	6993.52	3.24
198.800	105.00	.03	.00	105.06	.39	1.98	.06	7000.00	6.12	6987.77	6.12
198.800	105.85	.02	.00	105.90	.33	1.88	.05	7000.00	10.05	6979.90	10.05
224.000	101.12	.25	.00	101.23	1.02	2.65	.11	7000.00	.00	7000.00	.00
224.000	101.62	.23	.00	101.72	.90	2.55	.10	7000.00	.00	7000.00	.00
224.000	102.19	.20	.00	102.28	.79	2.44	.09	7000.00	.00	7000.00	.00
224.000	102.82	.17	.00	102.91	.68	2.33	.08	7000.00	.18	6999.75	.06
224.000	103.54	.14	.00	103.62	.58	2.22	.08	7000.00	.91	6998.79	.30
224.000	104.29	.12	.00	104.36	.49	2.11	.07	7000.00	2.38	6996.82	.80
224.000	105.10	.10	.00	105.16	.41	2.01	.06	7000.00	4.89	6993.48	1.63
224.000	105.93	.09	.00	105.99	.35	1.91	.06	7000.00	8.49	6988.68	2.83

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
9.000	7000.00	.00	.00	202.00	9899.00	10101.00
9.000	7000.00	.00	.00	206.00	9897.00	10103.00
9.000	7000.00	.00	.00	210.00	9895.00	10105.00
9.000	7000.00	.00	.00	214.00	9893.00	10107.00
9.000	7000.00	.00	.00	218.00	9891.00	10109.00
9.000	7000.00	.00	.00	222.00	9889.00	10111.00
9.000	7000.00	.00	.00	226.00	9887.00	10113.00
9.000	7000.00	.00	.00	230.00	9885.00	10115.00
11.550	7000.00	12.81	255.00	199.07	9898.90	10102.55
11.550	7000.00	13.95	255.00	203.48	9896.92	10104.64
11.550	7000.00	15.12	255.00	207.91	9894.94	10106.74
11.550	7000.00	16.31	255.00	212.33	9892.96	10108.83
11.550	7000.00	17.53	255.00	216.72	9890.97	10110.88
11.550	7000.00	18.77	255.00	221.17	9888.97	10112.97
11.550	7000.00	19.86	255.00	406.93	9706.64	10116.04
11.550	7000.00	21.58	255.00	845.82	9352.06	10200.00
11.950	7000.00	14.73	40.00	199.21	9898.84	10102.62
11.950	7000.00	16.04	40.00	203.58	9896.88	10104.69
11.950	7000.00	17.39	40.00	207.99	9894.91	10106.77
11.950	7000.00	18.75	40.00	212.42	9892.92	10108.87
11.950	7000.00	20.15	40.00	216.79	9890.94	10110.91
11.950	7000.00	21.58	40.00	221.23	9888.95	10113.00
11.950	7000.00	22.81	40.00	411.76	9701.87	10116.10
11.950	7000.00	24.87	40.00	850.03	9347.85	10200.00
12.450	7000.00	17.26	50.00	201.56	9899.51	10101.08
12.450	7000.00	18.79	50.00	205.39	9897.62	10103.01
12.450	7000.00	20.36	50.00	209.22	9895.73	10104.95
12.450	7000.00	21.96	50.00	213.09	9893.82	10106.91
12.450	7000.00	23.59	50.00	216.98	9891.90	10108.87
12.450	7000.00	25.26	50.00	220.87	9889.97	10110.84
12.450	7000.00	26.70	50.00	224.82	9888.02	10112.84
12.450	7000.00	29.10	50.00	228.73	9886.09	10114.82
56.000	7000.00	252.41	4355.00	203.29	9898.66	10101.95
56.000	7000.00	272.47	4355.00	206.59	9897.03	10103.62
56.000	7000.00	293.31	4355.00	210.05	9895.32	10105.37
56.000	7000.00	314.93	4355.00	213.61	9893.56	10107.17
56.000	7000.00	337.19	4355.00	217.26	9891.76	10109.01
56.000	7000.00	360.04	4355.00	220.96	9889.93	10110.89
56.000	7000.00	383.43	4355.00	224.76	9888.05	10112.81
56.000	7000.00	408.04	4355.00	228.54	9886.18	10114.72

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
62.910	7000.00	290.93	691.00	212.56	9890.07	10102.62
62.910	7000.00	313.75	691.00	216.34	9887.95	10104.29
62.910	7000.00	337.54	691.00	220.32	9885.73	10106.05
62.910	7000.00	362.26	691.00	224.45	9883.42	10107.87
62.910	7000.00	387.93	691.00	287.00	9848.00	10135.00
62.910	7000.00	414.55	691.00	287.00	9848.00	10135.00
62.910	7000.00	441.84	691.00	287.35	9847.65	10135.00
62.910	7000.00	470.37	691.00	289.18	9846.37	10135.55
63.510	7000.00	294.31	60.00	212.58	9890.05	10102.63
63.510	7000.00	317.39	60.00	216.37	9887.93	10104.31
63.510	7000.00	341.43	60.00	220.35	9885.71	10106.07
63.510	7000.00	366.42	60.00	224.48	9883.41	10107.89
63.510	7000.00	392.42	60.00	287.00	9848.00	10135.00
63.510	7000.00	419.41	60.00	287.00	9848.00	10135.00
63.510	7000.00	447.08	60.00	287.44	9847.56	10135.00
63.510	7000.00	475.99	60.00	289.46	9846.28	10135.73
64.210	7000.00	298.27	70.00	212.65	9890.02	10102.66
64.210	7000.00	321.62	70.00	216.42	9887.91	10104.33
64.210	7000.00	345.98	70.00	220.40	9885.69	10106.08
64.210	7000.00	371.29	70.00	224.52	9883.39	10107.90
64.210	7000.00	397.70	70.00	287.00	9848.00	10135.00
64.210	7000.00	425.22	70.00	287.00	9848.00	10135.00
64.210	7000.00	453.42	70.00	287.44	9847.56	10135.00
64.210	7000.00	482.87	70.00	289.47	9846.27	10135.74
65.210	7000.00	303.55	100.00	184.27	9902.86	10087.14
65.210	7000.00	327.28	100.00	187.56	9901.22	10088.78
65.210	7000.00	352.03	100.00	191.01	9899.49	10090.51
65.210	7000.00	377.77	100.00	194.63	9897.69	10092.31
65.210	7000.00	404.69	100.00	199.38	9895.46	10094.84
65.210	7000.00	432.76	100.00	210.66	9891.05	10101.71
65.210	7000.00	461.55	100.00	222.22	9886.52	10108.74
65.210	7000.00	491.60	100.00	233.76	9882.01	10115.77
76.650	7000.00	359.76	1144.00	184.35	10005.83	10190.17
76.650	7000.00	387.40	1144.00	187.46	10004.27	10191.73
76.650	7000.00	416.35	1144.00	190.74	10002.63	10193.37
76.650	7000.00	446.58	1144.00	194.21	10000.90	10195.10
76.650	7000.00	478.40	1144.00	198.45	9998.78	10197.22
76.650	7000.00	511.45	1144.00	203.07	9996.46	10199.54
76.650	7000.00	545.57	1144.00	207.85	9994.07	10201.93
76.650	7000.00	581.15	1144.00	212.64	9991.68	10204.32

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
104.650	7000.00	500.67	2800.00	186.22	10004.89	10191.11
104.650	7000.00	537.24	2800.00	189.02	10003.49	10192.51
104.650	7000.00	575.86	2800.00	192.05	10001.98	10194.02
104.650	7000.00	616.55	2800.00	195.28	10000.36	10195.64
104.650	7000.00	659.93	2800.00	199.54	9998.23	10197.77
104.650	7000.00	704.69	2800.00	203.98	9996.01	10199.99
104.650	7000.00	751.22	2800.00	208.59	9993.71	10202.29
104.650	7000.00	799.56	2800.00	213.24	9991.38	10204.62
123.000	7000.00	595.59	1835.00	187.29	10004.36	10191.64
123.000	7000.00	637.55	1835.00	189.92	10003.04	10192.96
123.000	7000.00	682.18	1835.00	192.85	10001.58	10194.42
123.000	7000.00	729.37	1835.00	195.97	10000.02	10195.98
123.000	7000.00	780.02	1835.00	200.24	9997.88	10198.12
123.000	7000.00	832.23	1835.00	204.55	9995.72	10200.28
123.000	7000.00	886.70	1835.00	209.06	9993.47	10202.53
123.000	7000.00	943.25	1835.00	213.64	9991.18	10204.82
128.000	7000.00	621.64	500.00	187.50	10004.25	10191.75
128.000	7000.00	665.02	500.00	190.12	10002.94	10193.06
128.000	7000.00	711.24	500.00	193.01	10001.49	10194.51
128.000	7000.00	760.17	500.00	196.16	9999.92	10196.08
128.000	7000.00	812.75	500.00	200.40	9997.80	10198.20
128.000	7000.00	866.96	500.00	204.69	9995.66	10200.34
128.000	7000.00	923.57	500.00	209.18	9993.41	10202.59
128.000	7000.00	982.34	500.00	213.74	9991.13	10204.87
155.650	7000.00	767.51	2765.00	189.08	10003.46	10192.54
155.650	7000.00	818.36	2765.00	191.48	10002.26	10193.74
155.650	7000.00	873.04	2765.00	194.18	10000.91	10195.09
155.650	7000.00	931.27	2765.00	198.08	9999.31	10197.39
155.650	7000.00	994.32	2765.00	204.11	9997.30	10201.41
155.650	7000.00	1059.46	2765.00	210.28	9995.24	10205.52
155.650	7000.00	1127.85	2765.00	216.80	9993.07	10209.87
155.650	7000.00	1198.94	2765.00	223.46	9990.85	10214.31
169.000	7000.00	838.90	1335.00	188.01	10005.00	10193.00
169.000	7000.00	893.14	1335.00	190.26	10003.87	10194.13
169.000	7000.00	951.67	1335.00	192.81	10002.60	10195.40
169.000	7000.00	1014.19	1335.00	195.60	10001.20	10196.80
169.000	7000.00	1082.09	1335.00	198.86	9999.49	10198.36
169.000	7000.00	1152.32	1335.00	202.78	9997.19	10199.97
169.000	7000.00	1226.24	1335.00	206.94	9994.74	10201.68
169.000	7000.00	1303.14	1335.00	211.20	9992.24	10203.43

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
180.000	7000.00	897.93	1100.00	188.49	10002.75	10191.25
180.000	7000.00	954.84	1100.00	190.69	10001.66	10192.34
180.000	7000.00	1016.46	1100.00	193.19	10000.41	10193.59
180.000	7000.00	1082.41	1100.00	196.44	9998.78	10195.22
180.000	7000.00	1154.19	1100.00	200.29	9996.86	10197.14
180.000	7000.00	1228.49	1100.00	204.25	9994.87	10199.13
180.000	7000.00	1306.83	1100.00	208.48	9992.76	10201.24
180.000	7000.00	1388.36	1100.00	212.82	9990.59	10203.41
190.300	7000.00	953.92	1030.00	206.78	9987.40	10194.17
190.300	7000.00	1013.40	1030.00	213.15	9983.58	10196.72
190.300	7000.00	1078.02	1030.00	221.19	9979.21	10200.40
190.300	7000.00	1147.37	1030.00	230.06	9974.39	10204.46
190.300	7000.00	1223.05	1030.00	239.99	9969.01	10208.99
190.300	7000.00	1301.51	1030.00	250.24	9963.44	10213.68
190.300	7000.00	1384.43	1030.00	261.19	9957.50	10218.69
190.300	7000.00	1470.84	1030.00	272.48	9951.37	10223.85
190.800	7000.00	956.67	50.00	206.79	9987.39	10194.18
190.800	7000.00	1016.28	50.00	213.16	9983.57	10196.73
190.800	7000.00	1081.05	50.00	221.19	9979.21	10200.40
190.800	7000.00	1150.57	50.00	230.07	9974.39	10204.46
190.800	7000.00	1226.46	50.00	239.99	9969.00	10209.00
190.800	7000.00	1305.14	50.00	250.26	9963.43	10213.69
190.800	7000.00	1388.31	50.00	261.22	9957.48	10218.70
190.800	7000.00	1474.97	50.00	272.52	9951.35	10223.87
191.400	7000.00	959.97	50.00	206.86	9987.34	10194.20
191.400	7000.00	1019.73	50.00	213.23	9983.53	10196.76
191.400	7000.00	1084.68	50.00	221.26	9979.17	10200.43
191.400	7000.00	1154.42	50.00	230.12	9974.36	10204.48
191.400	7000.00	1230.55	50.00	240.04	9968.98	10209.02
191.400	7000.00	1309.50	50.00	250.30	9963.41	10213.71
191.400	7000.00	1392.95	50.00	261.26	9957.46	10218.72
191.400	7000.00	1479.94	50.00	272.55	9951.33	10223.88
191.900	7000.00	962.71	50.00	206.92	9987.30	10194.22
191.900	7000.00	1022.61	50.00	213.30	9983.49	10196.79
191.900	7000.00	1087.71	50.00	221.32	9979.14	10200.46
191.900	7000.00	1157.62	50.00	230.17	9974.33	10204.51
191.900	7000.00	1233.96	50.00	240.08	9968.95	10209.04
191.900	7000.00	1313.12	50.00	250.34	9963.39	10213.73
191.900	7000.00	1396.83	50.00	261.29	9957.44	10218.73
191.900	7000.00	1484.08	50.00	272.58	9951.32	10223.89

SECNO	Q	VDL	XLCH	TOPWID	SSTA	ENDST
198.800	7000.00	1002.71	690.00	209.47	10001.27	10210.73
198.800	7000.00	1064.36	690.00	211.57	10000.22	10211.78
198.800	7000.00	1131.51	690.00	214.27	9998.87	10213.13
198.800	7000.00	1203.76	690.00	217.39	9997.30	10214.70
198.800	7000.00	1282.80	690.00	220.90	9995.55	10216.45
198.800	7000.00	1364.85	690.00	224.54	9993.73	10218.27
198.800	7000.00	1451.73	690.00	228.43	9991.78	10220.22
198.800	7000.00	1542.34	690.00	232.43	9989.79	10222.21
224.000	7000.00	1155.85	2520.00	208.52	10001.74	10210.26
224.000	7000.00	1223.73	2520.00	210.52	10000.74	10211.26
224.000	7000.00	1297.97	2520.00	212.68	9999.52	10212.19
224.000	7000.00	1378.29	2520.00	214.90	9997.93	10212.83
224.000	7000.00	1466.57	2520.00	217.42	9996.13	10213.55
224.000	7000.00	1558.33	2520.00	220.04	9994.25	10214.30
224.000	7000.00	1655.79	2520.00	222.86	9992.24	10215.10
224.000	7000.00	1757.49	2520.00	225.79	9990.15	10215.94

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 08:51:12

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINOUT.HLB -- HEAD LOSES FOR PUMP STATION OUTFLOW
 T3 MAIN OUTFALL CHANNEL -- EXISTING CHANNEL -- -2' STARTING WSEL

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	98.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	11.000	12.000	3.000	5.000	26.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000

QT	1.000	8000.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.030	.030	.030	.100	.300	.000	.000	.000	.000	.000
	CONFLUENCE WITH OUTFALL CHANNEL, AT STA 0+00.00 PUMP STATION NO. 16 FOREBAY (ALLIGATOR BAYOU PUMP STATION)									
X1	9.000	6.000	9883.000	10115.000	.000	.000	.000	.000	100.000	.000
GR	6.000	9000.000	6.000	9883.000	-15.000	9925.000	-15.000	10075.000	5.000	10115.000
GR	5.000	10300.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
	SPRR TRESTLE BRIDGE (DD NO. 7 STA. -4+25.36)									
X1	11.550	37.000	9888.000	10114.000	255.000	255.000	255.000	.000	100.000	.000
BT	65.000	9888.000	107.400	103.500	9888.000	107.400	103.500	9888.000	107.400	103.500
BT	9888.000	107.400	103.500	9900.000	107.400	103.500	9900.000	107.400	97.500	9901.000
BT	107.400	97.000	9901.000	107.400	103.500	9916.000	107.400	103.500	9916.000	107.400
BT	89.500	9917.000	107.400	89.000	9917.000	107.400	103.500	9932.000	107.400	103.500
BT	9932.000	107.400	85.000	9933.000	107.400	85.000	9933.000	107.400	103.500	9948.000
BT	107.400	103.500	9948.000	107.400	85.000	9949.000	107.400	85.000	9949.000	107.400
BT	103.500	9964.000	107.400	103.500	9964.000	107.400	85.000	9965.000	107.400	85.000
BT	9965.000	107.400	103.500	9980.000	107.400	103.500	9980.000	107.400	85.000	9981.000
BT	107.400	85.000	9981.000	107.400	103.500	9990.000	107.400	103.500	9990.000	107.400
BT	85.000	9991.000	107.400	85.000	9991.000	107.400	103.500	10003.000	107.400	103.500
BT	10003.000	107.400	85.000	10004.000	107.400	85.000	10004.000	107.400	103.500	10016.000

THIS RUN EXECUTED 04/10/90 09:00:33

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

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

MAIN OUTFALL CHANNEL --

SUMMARY PRINTOUT

SECNO	CWSEL	HL	DLSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
9.000	98.00	.00	.00	98.19	2.04	3.50	.19	8000.00	.00	8000.00	.00
9.000	99.00	.00	.00	99.16	1.58	3.21	.16	8000.00	.00	8000.00	.00
9.000	100.00	.00	.00	100.14	1.24	2.96	.14	8000.00	.00	8000.00	.00
9.000	101.00	.00	.00	101.12	.99	2.75	.12	8000.00	.00	8000.00	.00
9.000	102.00	.00	.00	102.10	.80	2.56	.10	8000.00	.00	8000.00	.00
9.000	103.00	.00	.00	103.09	.66	2.33	.09	8000.00	.00	8000.00	.00
9.000	104.00	.00	.00	104.08	.54	2.24	.08	8000.00	.00	8000.00	.00
9.000	105.00	.00	.00	105.07	.45	2.11	.07	8000.00	.00	8000.00	.00
11.550	98.08	.10	.02	98.30	8.91	3.82	.23	8000.00	.00	8000.00	.00
11.550	99.06	.08	.02	99.25	7.31	3.51	.19	8000.00	.00	8000.00	.00
11.550	100.05	.06	.01	100.21	6.05	3.24	.16	8000.00	.00	8000.00	.00
11.550	101.04	.05	.01	101.18	5.05	3.00	.14	8000.00	.00	8000.00	.00
11.550	102.03	.04	.01	102.15	4.27	2.80	.12	8000.00	.00	8000.00	.00
11.550	103.02	.03	.01	103.13	3.64	2.61	.11	8000.00	.00	8000.00	.00
11.550	104.02	.03	.01	104.12	4.79	2.52	.10	8000.00	20.55	7979.22	.23
11.550	105.02	.03	.01	105.10	4.40	2.42	.09	8000.00	349.92	7646.15	3.93
11.950	98.11	.04	.00	98.34	8.85	3.81	.23	8000.00	.00	8000.00	.00
11.950	99.09	.03	.00	99.28	7.26	3.50	.19	8000.00	.00	8000.00	.00
11.950	100.07	.02	.00	100.23	6.02	3.24	.16	8000.00	.00	8000.00	.00
11.950	101.06	.02	.00	101.20	5.04	3.00	.14	8000.00	.00	8000.00	.00
11.950	102.05	.02	.00	102.17	4.25	2.79	.12	8000.00	.00	8000.00	.00
11.950	103.04	.01	.00	103.14	3.63	2.61	.11	8000.00	.00	8000.00	.00
11.950	104.04	.02	.00	104.14	4.79	2.52	.10	8000.00	22.47	7977.28	.25
11.950	105.04	.02	.00	105.12	4.39	2.41	.09	8000.00	359.13	7636.66	4.21

SECNO	CWSEL	HL	OLSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
12.450	98.18	.02	.00	98.36	1.96	3.45	.19	8000.00	.00	8000.00	.00
12.450	99.14	.01	.00	99.30	1.53	3.18	.16	8000.00	.00	8000.00	.00
12.450	100.11	.01	.00	100.25	1.22	2.95	.13	8000.00	.00	8000.00	.00
12.450	101.09	.01	.00	101.21	.98	2.74	.12	8000.00	.00	8000.00	.00
12.450	102.08	.01	.00	102.18	.79	2.55	.10	8000.00	.00	8000.00	.00
12.450	103.06	.01	.00	103.15	.65	2.39	.09	8000.00	.00	8000.00	.00
12.450	104.07	.01	.00	104.15	.54	2.24	.08	8000.00	.00	8000.00	.00
12.450	105.06	.01	.00	105.13	.45	2.11	.07	8000.00	.00	8000.00	.00
56.000	98.98	.79	.00	99.15	1.67	3.28	.17	8000.00	.00	8000.00	.00
56.000	99.78	.63	.00	99.93	1.37	3.07	.15	8000.00	.00	8000.00	.00
56.000	100.63	.51	.00	100.76	1.13	2.88	.13	8000.00	.00	8000.00	.00
56.000	101.51	.42	.00	101.63	.93	2.69	.11	8000.00	.00	8000.00	.00
56.000	102.42	.34	.00	102.52	.77	2.53	.10	8000.00	.00	8000.00	.00
56.000	103.35	.28	.00	103.43	.64	2.37	.09	8000.00	.00	8000.00	.00
56.000	104.30	.23	.00	104.38	.54	2.23	.08	8000.00	.00	8000.00	.00
56.000	105.26	.20	.00	105.33	.45	2.11	.07	8000.00	.00	8000.00	.00
62.910	99.11	.11	.00	99.27	1.60	3.19	.16	8000.00	.00	8000.00	.00
62.910	99.89	.09	.00	100.03	1.33	2.99	.14	8000.00	.00	8000.00	.00
62.910	100.72	.08	.00	100.84	1.09	2.80	.12	8000.00	.00	8000.00	.00
62.910	101.58	.06	.00	101.69	.90	2.62	.11	8000.00	.00	8000.00	.00
62.910	102.48	.05	.00	102.57	.73	2.46	.09	8000.00	4.12	7992.74	3.14
62.910	103.40	.04	.00	103.48	.59	2.30	.08	8000.00	21.90	7961.49	16.61
62.910	104.35	.03	.00	104.42	.48	2.15	.07	8000.00	46.30	7918.98	34.73
62.910	105.29	.03	.00	105.36	.39	2.02	.06	8000.00	73.99	7871.51	54.50
63.510	99.11	.01	.00	99.27	1.60	3.18	.16	8000.00	.00	8000.00	.00
63.510	99.89	.00	.00	100.03	1.32	2.99	.14	8000.00	.00	8000.00	.00
63.510	100.72	.00	.00	100.84	1.09	2.80	.12	8000.00	.00	8000.00	.00
63.510	101.59	.00	.00	101.69	.90	2.62	.11	8000.00	.00	8000.00	.00
63.510	102.54	.06	.00	102.63	.72	2.44	.09	8000.00	5.04	7991.12	3.84
63.510	103.47	.07	.00	103.55	.58	2.29	.08	8000.00	23.68	7958.36	17.96
63.510	104.43	.08	.00	104.50	.47	2.14	.07	8000.00	48.74	7914.79	36.47
63.510	105.38	.09	.00	105.44	.38	2.01	.06	8000.00	76.88	7866.51	56.61
64.210	99.13	.01	.00	99.28	1.60	3.18	.16	8000.00	.00	8000.00	.00
64.210	99.90	.01	.00	100.04	1.32	2.98	.14	8000.00	.00	8000.00	.00
64.210	100.73	.01	.00	100.85	1.09	2.79	.12	8000.00	.00	8000.00	.00
64.210	101.59	.01	.00	101.70	.90	2.62	.11	8000.00	.00	8000.00	.00
64.210	102.54	.01	.00	102.64	.72	2.44	.09	8000.00	5.15	7990.92	3.93
64.210	103.47	.00	.00	103.55	.58	2.29	.08	8000.00	23.83	7958.10	18.07
64.210	104.43	.00	.00	104.50	.47	2.14	.07	8000.00	48.88	7914.54	36.57
64.210	105.39	.00	.00	105.45	.38	2.01	.06	8000.00	77.00	7866.30	56.70

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
65.210	99.11	.02	.02	99.32	2.16	3.68	.21	8000.00	.00	8000.00	.00
65.210	99.88	.02	.01	100.07	1.78	3.45	.18	8000.00	.00	8000.00	.00
65.210	100.71	.01	.01	100.87	1.47	3.23	.16	8000.00	.00	8000.00	.00
65.210	101.58	.01	.01	101.72	1.21	3.02	.14	8000.00	.00	8000.00	.00
65.210	102.53	.01	.01	102.65	.99	2.82	.12	8000.00	.01	7999.96	.02
65.210	103.46	.01	.01	103.57	.80	2.65	.11	8000.00	.97	7997.50	1.53
65.210	104.42	.01	.01	104.51	.65	2.49	.10	8000.00	4.33	7988.87	6.79
65.210	105.37	.00	.01	105.46	.53	2.35	.09	8000.00	10.57	7972.85	16.58
76.650	99.35	.24	.00	99.56	2.08	3.63	.21	8000.00	.00	8000.00	.00
76.650	100.09	.20	.00	100.27	1.74	3.42	.18	8000.00	.00	8000.00	.00
76.650	100.88	.17	.00	101.04	1.45	3.21	.16	8000.00	.00	8000.00	.00
76.650	101.72	.14	.00	101.86	1.21	3.02	.14	8000.00	.00	8000.00	.00
76.650	102.64	.11	.00	102.77	.98	2.83	.12	8000.00	.11	7999.78	.11
76.650	103.55	.09	.00	103.66	.80	2.66	.11	8000.00	1.05	7997.89	1.05
76.650	104.49	.07	.00	104.59	.65	2.50	.10	8000.00	3.38	7993.23	3.38
76.650	105.43	.06	.00	105.52	.54	2.36	.09	8000.00	7.28	7985.45	7.28
104.650	99.92	.54	.00	100.10	1.81	3.47	.19	8000.00	.00	8000.00	.00
104.650	100.56	.46	.00	100.73	1.55	3.29	.17	8000.00	.00	8000.00	.00
104.650	101.28	.39	.00	101.43	1.32	3.12	.15	8000.00	.00	8000.00	.00
104.650	102.05	.33	.00	102.19	1.12	2.95	.13	8000.00	.00	8000.00	.00
104.650	102.91	.26	.00	103.03	.92	2.77	.12	8000.00	.28	7999.45	.28
104.650	103.77	.22	.00	103.88	.76	2.62	.11	8000.00	1.48	7997.04	1.48
104.650	104.67	.18	.00	104.77	.63	2.47	.10	8000.00	4.03	7991.93	4.03
104.650	105.58	.15	.00	105.67	.52	2.34	.09	8000.00	8.07	7983.87	8.07
123.000	100.25	.32	.00	100.43	1.72	3.40	.18	8000.00	.00	8000.00	.00
123.000	100.85	.28	.00	101.01	1.49	3.24	.16	8000.00	.00	8000.00	.00
123.000	101.52	.24	.00	101.67	1.28	3.08	.15	8000.00	.00	8000.00	.00
123.000	102.26	.20	.00	102.39	1.09	2.92	.13	8000.00	.00	8000.00	.00
123.000	103.08	.17	.00	103.20	.90	2.76	.12	8000.00	.44	7999.13	.44
123.000	103.91	.14	.00	104.02	.75	2.61	.11	8000.00	1.81	7996.38	1.81
123.000	104.79	.11	.00	104.88	.62	2.47	.09	8000.00	4.52	7990.95	4.52
123.000	105.68	.10	.00	105.77	.52	2.34	.08	8000.00	8.67	7982.66	8.67
128.000	100.34	.09	.00	100.51	1.72	3.40	.18	8000.00	.00	8000.00	.00
128.000	100.92	.07	.00	101.09	1.50	3.25	.16	8000.00	.00	8000.00	.00
128.000	101.59	.06	.00	101.73	1.29	3.09	.15	8000.00	.00	8000.00	.00
128.000	102.31	.05	.00	102.44	1.09	2.93	.13	8000.00	.02	7999.97	.02
128.000	103.12	.05	.00	103.24	.91	2.76	.12	8000.00	.48	7999.03	.48
128.000	103.95	.04	.00	104.05	.75	2.62	.11	8000.00	1.91	7996.19	1.91
128.000	104.82	.03	.00	104.91	.63	2.48	.10	8000.00	4.67	7990.66	4.67
128.000	105.71	.03	.00	105.79	.53	2.35	.09	8000.00	8.87	7982.26	8.87

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	GRQB
155.650	100.80	.45	.00	100.97	1.57	3.30	.17	8000.00	.00	8000.00	.00
155.650	101.33	.40	.00	101.49	1.39	3.16	.16	8000.00	.00	8000.00	.00
155.650	101.94	.35	.00	102.08	1.22	3.02	.14	8000.00	.00	8000.00	.00
155.650	102.61	.29	.00	102.74	1.04	2.88	.13	8000.00	.10	7999.69	.21
155.650	103.37	.25	.00	103.49	.87	2.73	.12	8000.00	.81	7997.52	1.67
155.650	104.15	.21	.00	104.26	.73	2.60	.10	8000.00	2.46	7992.43	5.11
155.650	104.99	.17	.00	105.09	.62	2.46	.09	8000.00	5.42	7983.35	11.23
155.650	105.85	.14	.00	105.94	.52	2.34	.08	8000.00	9.74	7970.04	20.21
169.000	101.01	.21	.00	101.18	1.55	3.29	.17	8000.00	.00	8000.00	.00
169.000	101.52	.18	.00	101.67	1.38	3.16	.16	8000.00	.00	8000.00	.00
169.000	102.10	.16	.00	102.24	1.21	3.03	.14	8000.00	.00	8000.00	.00
169.000	102.75	.14	.00	102.88	1.06	2.89	.13	8000.00	.00	8000.00	.00
169.000	103.49	.12	.00	103.61	.90	2.74	.12	8000.00	.06	7999.90	.04
169.000	104.25	.10	.00	104.36	.76	2.61	.11	8000.00	.68	7998.86	.46
169.000	105.08	.08	.00	105.17	.64	2.48	.10	8000.00	2.40	7995.98	1.62
169.000	105.92	.07	.00	106.01	.54	2.35	.09	8000.00	5.49	7990.81	3.71
180.000	101.18	.17	.00	101.35	1.52	3.26	.17	8000.00	.00	8000.00	.00
180.000	101.67	.15	.00	101.82	1.36	3.14	.15	8000.00	.00	8000.00	.00
180.000	102.23	.13	.00	102.38	1.19	3.01	.14	8000.00	.00	8000.00	.00
180.000	102.86	.11	.00	102.99	1.03	2.88	.13	8000.00	.25	7999.49	.25
180.000	103.59	.10	.00	103.70	.87	2.74	.12	8000.00	1.19	7997.63	1.19
180.000	104.34	.08	.00	104.44	.74	2.61	.11	8000.00	3.06	7993.87	3.06
180.000	105.14	.07	.00	105.24	.62	2.48	.10	8000.00	6.23	7987.55	6.23
180.000	105.98	.06	.00	106.07	.53	2.36	.09	8000.00	10.74	7978.51	10.74
190.300	101.33	.15	.00	101.49	1.34	3.24	.16	8000.00	31.88	7952.66	15.46
190.300	101.80	.13	.00	101.95	1.20	3.12	.15	8000.00	42.77	7935.40	21.83
190.300	102.35	.12	.00	102.49	1.05	3.00	.14	8000.00	57.33	7912.15	30.53
190.300	102.97	.10	.00	103.09	.91	2.87	.13	8000.00	75.80	7882.28	41.92
190.300	103.67	.08	.00	103.79	.78	2.73	.11	8000.00	99.82	7842.94	57.24
190.300	104.41	.07	.00	104.51	.66	2.59	.10	8000.00	127.46	7797.08	75.47
190.300	105.21	.06	.00	105.30	.56	2.46	.09	8000.00	160.15	7742.19	97.66
190.300	106.04	.05	.00	106.12	.47	2.33	.08	8000.00	197.08	7679.69	123.22
190.800	101.34	.01	.00	101.50	1.34	3.24	.16	8000.00	31.89	7952.64	15.46
190.800	101.81	.01	.00	101.96	1.20	3.12	.15	8000.00	42.78	7935.39	21.83
190.800	102.36	.01	.00	102.50	1.05	3.00	.14	8000.00	57.33	7912.14	30.53
190.800	102.97	.00	.00	103.10	.91	2.87	.13	8000.00	75.81	7882.27	41.92
190.800	103.68	.00	.00	103.79	.78	2.73	.11	8000.00	99.86	7842.87	57.27
190.800	104.41	.00	.00	104.52	.66	2.59	.10	8000.00	127.55	7796.93	75.53
190.800	105.21	.00	.00	105.30	.56	2.46	.09	8000.00	160.30	7741.94	97.76
190.800	106.04	.00	.00	106.12	.47	2.33	.08	8000.00	197.34	7679.28	123.38

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	GCH	QROB
191.400	101.35	.01	.00	101.51	1.34	3.23	.16	8000.00	32.05	7952.39	15.56
191.400	101.82	.01	.00	101.97	1.19	3.12	.15	8000.00	42.95	7935.12	21.93
191.400	102.36	.01	.00	102.50	1.05	3.00	.14	8000.00	57.50	7911.87	30.63
191.400	102.98	.01	.00	103.10	.91	2.87	.13	8000.00	75.98	7881.99	42.03
191.400	103.68	.00	.00	103.80	.77	2.73	.11	8000.00	100.03	7842.59	57.38
191.400	104.42	.00	.00	104.52	.66	2.59	.10	8000.00	127.71	7796.65	75.64
191.400	105.22	.00	.00	105.31	.56	2.46	.09	8000.00	160.45	7741.68	97.87
191.400	106.04	.00	.00	106.12	.47	2.33	.08	8000.00	197.53	7678.97	123.50
191.900	101.35	.01	.00	101.51	1.34	3.23	.16	8000.00	32.20	7952.16	15.64
191.900	101.82	.01	.00	101.97	1.19	3.12	.15	8000.00	43.10	7934.89	22.02
191.900	102.37	.01	.00	102.51	1.05	3.00	.14	8000.00	57.65	7911.63	30.72
191.900	102.98	.00	.00	103.11	.91	2.87	.13	8000.00	76.13	7881.75	42.12
191.900	103.69	.00	.00	103.80	.77	2.73	.11	8000.00	100.17	7842.36	57.47
191.900	104.42	.00	.00	104.52	.66	2.59	.10	8000.00	127.84	7796.43	75.72
191.900	105.22	.00	.00	105.31	.56	2.46	.09	8000.00	160.57	7741.48	97.95
191.900	106.04	.00	.00	106.13	.47	2.33	.08	8000.00	197.67	7678.75	123.59
198.800	101.47	.09	.00	101.60	1.14	2.88	.13	8000.00	.00	8000.00	.00
198.800	101.93	.08	.00	102.05	1.02	2.78	.12	8000.00	.04	7999.93	.04
198.800	102.47	.07	.00	102.58	.89	2.67	.11	8000.00	.30	7999.40	.30
198.800	103.06	.06	.00	103.17	.78	2.56	.10	8000.00	1.01	7997.98	1.01
198.800	103.76	.05	.00	103.85	.67	2.45	.09	8000.00	2.47	7995.07	2.47
198.800	104.48	.04	.00	104.57	.57	2.34	.08	8000.00	4.81	7990.38	4.81
198.800	105.27	.04	.00	105.35	.49	2.23	.08	8000.00	8.31	7983.38	8.31
198.800	106.09	.03	.00	106.16	.41	2.12	.07	8000.00	12.96	7974.07	12.96
224.000	101.76	.29	.00	101.89	1.14	2.88	.13	8000.00	.00	8000.00	.00
224.000	102.19	.26	.00	102.31	1.03	2.79	.12	8000.00	.00	8000.00	.00
224.000	102.69	.23	.00	102.80	.91	2.69	.11	8000.00	.14	7999.82	.05
224.000	103.26	.20	.00	103.37	.80	2.59	.10	8000.00	.63	7999.16	.21
224.000	103.93	.17	.00	104.02	.69	2.47	.09	8000.00	1.79	7997.61	.60
224.000	104.63	.15	.00	104.72	.59	2.36	.09	8000.00	3.80	7994.93	1.27
224.000	105.39	.13	.00	105.47	.51	2.25	.08	8000.00	6.92	7990.77	2.31
224.000	106.19	.11	.00	106.27	.43	2.15	.07	8000.00	11.22	7985.03	3.74

MAIN OUTFALL CHANNEL --

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
9.000	8000.00	.00	.00	202.00	9899.00	10101.00
9.000	8000.00	.00	.00	206.00	9897.00	10103.00
9.000	8000.00	.00	.00	210.00	9895.00	10105.00
9.000	8000.00	.00	.00	214.00	9893.00	10107.00
9.000	8000.00	.00	.00	218.00	9891.00	10109.00
9.000	8000.00	.00	.00	222.00	9889.00	10111.00
9.000	8000.00	.00	.00	226.00	9887.00	10113.00
9.000	8000.00	.00	.00	230.00	9885.00	10115.00
11.550	8000.00	12.83	255.00	199.19	9898.85	10102.61
11.550	8000.00	13.96	255.00	203.54	9896.90	10104.67
11.550	8000.00	15.13	255.00	207.95	9894.92	10106.76
11.550	8000.00	16.32	255.00	212.39	9892.94	10108.85
11.550	8000.00	17.53	255.00	216.75	9890.96	10110.88
11.550	8000.00	18.77	255.00	221.19	9888.97	10112.98
11.550	8000.00	19.86	255.00	408.10	9705.48	10116.06
11.550	8000.00	21.59	255.00	846.78	9351.10	10200.00
11.950	8000.00	14.75	40.00	199.32	9898.79	10102.67
11.950	8000.00	16.05	40.00	203.68	9896.83	10104.74
11.950	8000.00	17.39	40.00	208.08	9894.87	10106.82
11.950	8000.00	18.76	40.00	212.47	9892.90	10108.89
11.950	8000.00	20.16	40.00	216.83	9890.92	10110.93
11.950	8000.00	21.58	40.00	221.26	9888.93	10113.02
11.950	8000.00	22.81	40.00	414.40	9699.25	10116.13
11.950	8000.00	24.88	40.00	852.29	9345.60	10200.00
12.450	8000.00	17.29	50.00	201.72	9899.44	10101.16
12.450	8000.00	18.81	50.00	205.51	9897.56	10103.08
12.450	8000.00	20.37	50.00	209.34	9895.67	10105.01
12.450	8000.00	21.97	50.00	213.17	9893.78	10106.95
12.450	8000.00	23.60	50.00	217.04	9891.86	10108.91
12.450	8000.00	25.27	50.00	220.92	9889.95	10110.87
12.450	8000.00	26.70	50.00	224.88	9887.99	10112.87
12.450	8000.00	29.12	50.00	228.78	9886.06	10114.84
56.000	8000.00	254.99	4355.00	204.12	9898.25	10102.37
56.000	8000.00	274.61	4355.00	207.28	9896.69	10103.97
56.000	8000.00	295.13	4355.00	210.61	9895.04	10105.65
56.000	8000.00	316.39	4355.00	214.07	9893.33	10107.40
56.000	8000.00	338.42	4355.00	217.63	9891.57	10109.21
56.000	8000.00	361.08	4355.00	221.28	9889.77	10111.05
56.000	8000.00	384.39	4355.00	225.03	9887.92	10112.95
56.000	8000.00	408.89	4355.00	228.78	9886.06	10114.84

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
62.910	8000.00	294.26	691.00	213.67	9889.45	10103.11
62.910	8000.00	316.51	691.00	217.25	9887.45	10104.69
62.910	8000.00	339.88	691.00	221.06	9885.32	10106.38
62.910	8000.00	364.16	691.00	225.06	9883.08	10108.14
62.910	8000.00	389.57	691.00	287.00	9848.00	10135.00
62.910	8000.00	415.94	691.00	287.00	9848.00	10135.00
62.910	8000.00	443.10	691.00	287.45	9847.55	10135.00
62.910	8000.00	471.48	691.00	289.44	9846.28	10135.72
63.510	8000.00	297.72	60.00	213.69	9889.43	10103.12
63.510	8000.00	320.20	60.00	217.28	9887.43	10104.71
63.510	8000.00	343.82	60.00	221.10	9885.29	10106.39
63.510	8000.00	368.36	60.00	225.09	9883.06	10108.16
63.510	8000.00	394.10	60.00	287.00	9848.00	10135.00
63.510	8000.00	420.84	60.00	287.00	9848.00	10135.00
63.510	8000.00	448.38	60.00	287.57	9847.43	10135.00
63.510	8000.00	477.13	60.00	289.80	9846.16	10135.96
64.210	8000.00	301.76	70.00	213.77	9889.39	10103.16
64.210	8000.00	324.51	70.00	217.35	9887.39	10104.74
64.210	8000.00	348.42	70.00	221.15	9885.26	10106.42
64.210	8000.00	373.27	70.00	225.14	9883.04	10108.18
64.210	8000.00	399.46	70.00	287.00	9848.00	10135.00
64.210	8000.00	426.71	70.00	287.00	9848.00	10135.00
64.210	8000.00	454.78	70.00	287.58	9847.42	10135.00
64.210	8000.00	484.06	70.00	289.82	9846.15	10135.97
65.210	8000.00	307.14	100.00	185.23	9902.39	10087.61
65.210	8000.00	330.26	100.00	188.34	9900.83	10089.17
65.210	8000.00	354.55	100.00	191.65	9899.18	10090.82
65.210	8000.00	379.82	100.00	195.12	9897.44	10092.56
65.210	8000.00	406.52	100.00	200.74	9894.93	10095.67
65.210	8000.00	434.32	100.00	211.97	9890.54	10102.50
65.210	8000.00	462.97	100.00	223.41	9886.06	10109.47
65.210	8000.00	492.85	100.00	234.83	9881.59	10116.42
76.650	8000.00	364.62	1144.00	185.48	10005.26	10190.74
76.650	8000.00	391.45	1144.00	188.40	10003.80	10192.20
76.650	8000.00	419.78	1144.00	191.55	10002.23	10193.77
76.650	8000.00	449.35	1144.00	194.84	10000.58	10195.42
76.650	8000.00	480.91	1144.00	199.17	9998.41	10197.59
76.650	8000.00	513.66	1144.00	203.72	9996.14	10199.86
76.650	8000.00	547.58	1144.00	208.41	9993.80	10202.20
76.650	8000.00	582.95	1144.00	213.13	9991.43	10204.57

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
104.650	8000.00	509.56	2800.00	187.76	10004.12	10191.88
104.650	8000.00	544.72	2800.00	190.33	10002.83	10193.17
104.650	8000.00	582.25	2800.00	193.14	10001.43	10194.57
104.650	8000.00	621.76	2800.00	196.25	9999.88	10196.13
104.650	8000.00	664.67	2800.00	200.55	9997.72	10198.28
104.650	8000.00	708.88	2800.00	204.84	9995.58	10200.42
104.650	8000.00	755.00	2800.00	209.35	9993.33	10202.67
104.650	8000.00	802.95	2800.00	213.91	9991.04	10204.96
123.000	8000.00	607.69	1835.00	188.99	10003.50	10192.50
123.000	8000.00	647.86	1835.00	191.43	10002.29	10193.71
123.000	8000.00	690.97	1835.00	194.11	10000.95	10195.05
123.000	8000.00	736.66	1835.00	197.32	9999.34	10196.66
123.000	8000.00	786.62	1835.00	201.42	9997.29	10198.71
123.000	8000.00	838.04	1835.00	205.56	9995.22	10200.78
123.000	8000.00	891.93	1835.00	209.95	9993.02	10202.98
123.000	8000.00	947.93	1835.00	214.41	9990.79	10205.21
128.000	8000.00	634.69	500.00	189.31	10003.35	10192.65
128.000	8000.00	676.16	500.00	191.68	10002.16	10193.84
128.000	8000.00	720.75	500.00	194.34	10000.83	10195.17
128.000	8000.00	768.08	500.00	197.55	9999.22	10196.78
128.000	8000.00	819.91	500.00	201.62	9997.19	10198.81
128.000	8000.00	873.26	500.00	205.74	9995.13	10200.87
128.000	8000.00	929.24	500.00	210.10	9992.95	10203.05
128.000	8000.00	987.40	500.00	214.54	9990.73	10205.27
155.650	8000.00	786.38	2765.00	191.18	10002.41	10193.59
155.650	8000.00	834.62	2765.00	193.31	10001.34	10194.66
155.650	8000.00	886.99	2765.00	195.76	10000.12	10195.88
155.650	8000.00	943.03	2765.00	200.58	9998.47	10199.05
155.650	8000.00	1004.93	2765.00	206.30	9996.57	10202.87
155.650	8000.00	1068.79	2765.00	212.16	9994.61	10206.77
155.650	8000.00	1136.25	2765.00	218.44	9992.52	10210.96
155.650	8000.00	1206.45	2765.00	224.89	9990.37	10215.26
169.000	8000.00	860.86	1335.00	190.15	10003.93	10194.07
169.000	8000.00	912.14	1335.00	192.16	10002.92	10195.08
169.000	8000.00	968.04	1335.00	194.46	10001.77	10196.23
169.000	8000.00	1028.05	1335.00	197.01	10000.49	10197.51
169.000	8000.00	1094.58	1335.00	200.38	9998.60	10198.98
169.000	8000.00	1163.30	1335.00	204.09	9996.42	10200.51
169.000	8000.00	1236.12	1335.00	208.08	9994.07	10202.15
169.000	8000.00	1311.96	1335.00	212.19	9991.65	10203.84

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
180.000	8000.00	922.53	1100.00	190.75	10001.63	10192.37
180.000	8000.00	976.23	1100.00	192.68	10000.66	10193.34
180.000	8000.00	1034.93	1100.00	195.17	9999.41	10194.59
180.000	8000.00	1098.09	1100.00	198.32	9997.84	10196.16
180.000	8000.00	1168.31	1100.00	201.93	9996.03	10197.97
180.000	8000.00	1240.91	1100.00	205.68	9994.16	10199.84
180.000	8000.00	1317.98	1100.00	209.72	9992.14	10201.86
180.000	8000.00	1398.31	1100.00	213.90	9990.05	10203.95
190.300	8000.00	981.25	1030.00	213.82	9983.21	10197.03
190.300	8000.00	1037.26	1030.00	220.00	9979.86	10199.86
190.300	8000.00	1098.71	1030.00	227.20	9975.95	10203.15
190.300	8000.00	1165.01	1030.00	235.24	9971.59	10206.82
190.300	8000.00	1238.94	1030.00	244.52	9966.54	10211.07
190.300	8000.00	1315.51	1030.00	254.17	9961.31	10215.48
190.300	8000.00	1397.01	1030.00	264.62	9955.63	10220.25
190.300	8000.00	1482.07	1030.00	275.00	9950.00	10225.00
190.800	8000.00	984.14	50.00	213.83	9983.21	10197.04
190.800	8000.00	1040.27	50.00	220.01	9979.85	10199.86
190.800	8000.00	1101.86	50.00	227.20	9975.95	10203.15
190.800	8000.00	1168.32	50.00	235.24	9971.58	10206.82
190.800	8000.00	1242.45	50.00	244.54	9966.54	10211.07
190.800	8000.00	1319.23	50.00	254.20	9961.29	10215.49
190.800	8000.00	1400.97	50.00	264.67	9955.61	10220.28
190.800	8000.00	1486.28	50.00	275.00	9950.00	10225.00
191.400	8000.00	987.61	60.00	213.92	9983.16	10197.08
191.400	8000.00	1043.88	60.00	220.10	9979.80	10199.90
191.400	8000.00	1105.63	60.00	227.28	9975.90	10203.19
191.400	8000.00	1172.29	60.00	235.31	9971.55	10206.86
191.400	8000.00	1246.65	60.00	244.60	9966.50	10211.10
191.400	8000.00	1323.68	60.00	254.25	9961.26	10215.51
191.400	8000.00	1405.71	60.00	264.71	9955.58	10220.30
191.400	8000.00	1491.33	60.00	275.00	9950.00	10225.00
191.900	8000.00	990.50	50.00	214.01	9983.11	10197.12
191.900	8000.00	1046.88	50.00	220.17	9979.76	10199.94
191.900	8000.00	1108.78	50.00	227.35	9975.87	10203.22
191.900	8000.00	1175.60	50.00	235.37	9971.51	10206.88
191.900	8000.00	1250.16	50.00	244.65	9966.48	10211.13
191.900	8000.00	1327.40	50.00	254.29	9961.24	10215.53
191.900	8000.00	1409.66	50.00	264.75	9955.56	10220.31
191.900	8000.00	1495.54	50.00	275.00	9950.00	10225.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
198.800	8000.00	1032.49	690.00	211.90	10000.05	10211.95
198.800	8000.00	1090.45	690.00	214.03	9998.98	10213.02
198.800	8000.00	1154.23	690.00	216.54	9997.73	10214.27
198.800	8000.00	1223.20	690.00	219.36	9996.32	10215.68
198.800	8000.00	1300.30	690.00	222.59	9994.71	10217.29
198.800	8000.00	1380.28	690.00	226.00	9993.00	10219.00
198.800	8000.00	1465.61	690.00	229.71	9991.14	10220.86
198.800	8000.00	1554.75	690.00	233.57	9989.22	10222.78
224.000	8000.00	1193.18	2520.00	211.05	10000.47	10211.53
224.000	8000.00	1256.57	2520.00	212.66	9999.53	10212.19
224.000	8000.00	1326.84	2520.00	214.45	9998.25	10212.70
224.000	8000.00	1403.13	2520.00	216.44	9996.83	10213.27
224.000	8000.00	1488.80	2520.00	218.77	9995.16	10213.94
224.000	8000.00	1577.97	2520.00	221.24	9993.40	10214.64
224.000	8000.00	1673.40	2520.00	223.91	9991.49	10215.40
224.000	8000.00	1773.23	2520.00	226.70	9989.50	10216.20

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 09:20:36

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINOUT.HL9 -- HEAD LOSSES FOR PUMP STATION OUTFLOW
 T3 MAIN OUTFALL CHANNEL--EXISTING CHANNEL -- -2' STARTING WSEL

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	98.000	.000

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	38.000	1.000	11.000	12.000	3.000	5.000	26.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000

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

	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
--	---------	---------	------	------	------	------	------	------	------	------

DT	1.000	9000.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.030	.030	.030	.100	.300	.000	.000	.000	.000	.000	.000

CONFLUENCE WITH OUTFALL CHANNEL, AT STA 0+00.00
 PUMP STATION NO. 16 FOREBAY (ALLIGATOR BAYOU PUMP STATION)

X1	9.000	6.000	9883.000	10115.000	.000	.000	.000	.000	100.000	.000
BR	6.000	9000.000	6.000	9883.000	-15.000	9925.000	-15.000	10075.000	5.000	10115.000
GR	5.000	10300.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

SPRR TRESTLE BRIDGE (DD NO. 7 STA. -4+25.36)

X1	11.550	37.000	9888.000	10114.000	255.000	255.000	255.000	.000	100.000	.000
BT	65.000	9888.000	107.400	103.500	9888.000	107.400	103.500	9888.000	107.400	103.500
BT	9888.000	107.400	103.500	9900.000	107.400	103.500	9900.000	107.400	97.500	9901.000
BT	107.400	97.000	9901.000	107.400	103.500	9916.000	107.400	103.500	9916.000	107.400
BT	89.500	9917.000	107.400	89.000	9917.000	107.400	103.500	9932.000	107.400	103.500
BT	9932.000	107.400	85.000	9933.000	107.400	85.000	9933.000	107.400	103.500	9948.000
BT	107.400	103.500	9948.000	107.400	85.000	9949.000	107.400	85.000	9949.000	107.400
BT	103.500	9964.000	107.400	103.500	9964.000	107.400	85.000	9965.000	107.400	85.000
BT	9965.000	107.400	103.500	9980.000	107.400	103.500	9980.000	107.400	85.000	9981.000
BT	107.400	85.000	9981.000	107.400	103.500	9990.000	107.400	103.500	9990.000	107.400
BT	85.000	9991.000	107.400	85.000	9991.000	107.400	103.500	10003.000	107.400	103.500
BT	10003.000	107.400	85.000	10004.000	107.400	85.000	10004.000	107.400	103.500	10016.000

04/10/90 09:20:29

CONFLUENCE OF MAINS "B" & "C"					
X1	224.000	6.000	1000.000	10212.000	2520.000
GR	10.000	9980.000	2.000	10000.000	-13.600
GR	10.000	10220.000	.000	.000	.000
EJ	.000	.000	.000	.000	.000

THIS RUN EXECUTED 04/10/90 09:30:03

 HED2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION APRIL 1985

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

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	CWSEL	HL	GLSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QRCB
9.000	98.00	.00	.00	98.24	2.58	3.93	.24	9000.00	.00	9000.00	.00
9.000	99.00	.00	.00	99.20	2.00	3.61	.20	9000.00	.00	9000.00	.00
9.000	100.00	.00	.00	100.17	1.57	3.33	.17	9000.00	.00	9000.00	.00
9.000	101.00	.00	.00	101.15	1.25	3.09	.15	9000.00	.00	9000.00	.00
9.000	102.00	.00	.00	102.13	1.02	2.88	.13	9000.00	.00	9000.00	.00
9.000	103.00	.00	.00	103.11	.83	2.69	.11	9000.00	.00	9000.00	.00
9.000	104.00	.00	.00	104.10	.69	2.52	.10	9000.00	.00	9000.00	.00
9.000	105.00	.00	.00	105.09	.57	2.37	.09	9000.00	.00	9000.00	.00
11.550	98.10	.12	.02	98.38	11.22	4.29	.29	9000.00	.00	9000.00	.00
11.550	99.08	.09	.02	99.32	9.20	3.94	.24	9000.00	.00	9000.00	.00
11.550	100.06	.08	.02	100.27	7.64	3.64	.21	9000.00	.00	9000.00	.00
11.550	101.05	.06	.01	101.22	6.38	3.38	.18	9000.00	.00	9000.00	.00
11.550	102.04	.05	.01	102.19	5.39	3.14	.15	9000.00	.00	9000.00	.00
11.550	103.03	.04	.01	103.16	4.60	2.94	.13	9000.00	.00	9000.00	.00
11.550	104.03	.04	.01	104.15	6.07	2.84	.12	9000.00	23.57	8976.17	.26
11.550	105.02	.03	.01	105.13	5.57	2.72	.11	9000.00	395.70	8599.82	4.48
11.950	98.15	.04	.00	98.43	11.11	4.27	.28	9000.00	.00	9000.00	.00
11.950	99.11	.04	.00	99.35	9.15	3.93	.24	9000.00	.00	9000.00	.00
11.950	100.09	.03	.00	100.30	7.59	3.63	.21	9000.00	.00	9000.00	.00
11.950	101.07	.03	.00	101.25	6.35	3.37	.18	9000.00	.00	9000.00	.00
11.950	102.06	.02	.00	102.21	5.37	3.14	.15	9000.00	.00	9000.00	.00
11.950	103.05	.02	.00	103.18	4.59	2.93	.13	9000.00	.00	9000.00	.00
11.950	104.05	.02	.00	104.18	6.06	2.84	.12	9000.00	27.07	8972.64	.30
11.950	105.05	.02	.00	105.15	5.55	2.71	.11	9000.00	412.47	8582.47	5.05

SECNO	CWSEL	HL	GLOSS	EG	10K*5	VCH	HV	Q	QLOB	QCH	QROB
12.450	98.22	.02	.01	98.46	2.44	3.87	.23	9000.00	.00	9000.00	.00
12.450	99.18	.02	.00	99.38	1.92	3.57	.20	9000.00	.00	9000.00	.00
12.450	100.14	.01	.00	100.31	1.53	3.31	.17	9000.00	.00	9000.00	.00
12.450	101.12	.01	.00	101.26	1.23	3.08	.15	9000.00	.00	9000.00	.00
12.450	102.10	.01	.00	102.23	1.00	2.87	.13	9000.00	.00	9000.00	.00
12.450	103.08	.01	.00	103.19	.82	2.68	.11	9000.00	.00	9000.00	.00
12.450	104.09	.01	.00	104.19	.68	2.52	.10	9000.00	.00	9000.00	.00
12.450	105.08	.01	.00	105.16	.57	2.37	.09	9000.00	.00	9000.00	.00
56.000	99.22	.96	.00	99.42	2.00	3.62	.20	9000.00	.00	9000.00	.00
56.000	99.98	.78	.00	100.16	1.66	3.40	.18	9000.00	.00	9000.00	.00
56.000	100.79	.63	.00	100.95	1.38	3.20	.16	9000.00	.00	9000.00	.00
56.000	101.64	.52	.00	101.78	1.15	3.00	.14	9000.00	.00	9000.00	.00
56.000	102.53	.43	.00	102.65	.95	2.82	.12	9000.00	.00	9000.00	.00
56.000	103.44	.35	.00	103.55	.80	2.66	.11	9000.00	.00	9000.00	.00
56.000	104.38	.29	.00	104.48	.67	2.50	.10	9000.00	.00	9000.00	.00
56.000	105.32	.25	.00	105.41	.56	2.36	.09	9000.00	.00	9000.00	.00
62.910	99.37	.13	.00	99.56	1.90	3.51	.19	9000.00	.00	9000.00	.00
62.910	100.10	.11	.00	100.27	1.59	3.30	.17	9000.00	.00	9000.00	.00
62.910	100.89	.09	.00	101.04	1.33	3.10	.15	9000.00	.00	9000.00	.00
62.910	101.73	.08	.00	101.86	1.10	2.92	.13	9000.00	.00	9000.00	.00
62.910	102.60	.06	.00	102.72	.90	2.74	.12	9000.00	6.66	8988.27	5.07
62.910	103.50	.05	.00	103.60	.73	2.57	.10	9000.00	27.32	8951.96	20.71
62.910	104.44	.04	.00	104.52	.60	2.41	.09	9000.00	54.89	8904.04	41.07
62.910	105.37	.04	.00	105.45	.49	2.26	.08	9000.00	85.80	8851.03	63.18
63.510	99.37	.01	.00	99.56	1.90	3.51	.19	9000.00	.00	9000.00	.00
63.510	100.11	.01	.00	100.28	1.59	3.30	.17	9000.00	.00	9000.00	.00
63.510	100.90	.00	.00	101.05	1.32	3.10	.15	9000.00	.00	9000.00	.00
63.510	101.73	.00	.00	101.87	1.10	2.91	.13	9000.00	.00	9000.00	.00
63.510	102.68	.07	.00	102.79	.89	2.72	.11	9000.00	8.18	8985.60	6.23
63.510	103.59	.09	.00	103.69	.72	2.55	.10	9000.00	29.97	8947.32	22.71
63.510	104.54	.10	.00	104.63	.58	2.39	.09	9000.00	58.43	8897.97	43.60
63.510	105.48	.11	.00	105.56	.48	2.25	.08	9000.00	89.95	8843.83	66.22
64.210	99.39	.01	.00	99.58	1.89	3.50	.19	9000.00	.00	9000.00	.00
64.210	100.12	.01	.00	100.29	1.58	3.30	.17	9000.00	.00	9000.00	.00
64.210	100.91	.01	.00	101.06	1.32	3.10	.15	9000.00	.00	9000.00	.00
64.210	101.74	.01	.00	101.87	1.10	2.91	.13	9000.00	.00	9000.00	.00
64.210	102.68	.01	.00	102.80	.88	2.72	.11	9000.00	8.36	8985.28	6.37
64.210	103.60	.01	.00	103.70	.72	2.55	.10	9000.00	30.18	8946.94	22.87
64.210	104.54	.00	.00	104.63	.58	2.39	.09	9000.00	58.63	8897.62	43.75
64.210	105.49	.00	.00	105.56	.48	2.24	.08	9000.00	90.13	8843.52	66.35

SECNO	CWSEL	HL	DLGSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
65.210	99.36	.02	.02	99.62	2.56	4.05	.25	9000.00	.00	9000.00	.00
65.210	100.10	.02	.02	100.32	2.14	3.81	.23	9000.00	.00	9000.00	.00
65.210	100.89	.02	.02	101.09	1.79	3.58	.20	9000.00	.00	9000.00	.00
65.210	101.72	.01	.01	101.90	1.49	3.36	.18	9000.00	.00	9000.00	.00
65.210	102.67	.01	.01	102.82	1.21	3.15	.15	9000.00	.05	8999.85	.09
65.210	103.58	.01	.01	103.72	.98	2.96	.14	9000.00	1.38	8996.47	2.16
65.210	104.53	.01	.01	104.65	.80	2.78	.12	9000.00	5.46	8985.98	8.56
65.210	105.47	.01	.01	105.58	.66	2.62	.11	9000.00	12.73	8967.30	19.97
76.650	99.66	.29	.00	99.91	2.45	3.99	.25	9000.00	.00	9000.00	.00
76.650	100.34	.24	.00	100.57	2.08	3.77	.22	9000.00	.00	9000.00	.00
76.650	101.09	.20	.00	101.29	1.75	3.56	.20	9000.00	.00	9000.00	.00
76.650	101.89	.17	.00	102.07	1.47	3.35	.17	9000.00	.00	9000.00	.00
76.650	102.80	.14	.00	102.96	1.19	3.14	.15	9000.00	.22	8999.56	.22
76.650	103.69	.11	.00	103.83	.98	2.96	.14	9000.00	1.47	8997.06	1.47
76.650	104.62	.09	.00	104.74	.80	2.79	.12	9000.00	4.31	8991.38	4.31
76.650	105.55	.08	.00	105.66	.67	2.64	.11	9000.00	8.82	8982.36	8.82
104.650	100.32	.63	.00	100.54	2.09	3.78	.22	9000.00	.00	9000.00	.00
104.650	100.91	.54	.00	101.11	1.82	3.61	.20	9000.00	.00	9000.00	.00
104.650	101.57	.46	.00	101.76	1.57	3.43	.18	9000.00	.00	9000.00	.00
104.650	102.30	.39	.00	102.46	1.34	3.26	.16	9000.00	.02	8999.96	.02
104.650	103.13	.32	.00	103.28	1.10	3.07	.15	9000.00	.55	8998.91	.55
104.650	103.96	.27	.00	104.09	.92	2.91	.13	9000.00	2.15	8995.71	2.15
104.650	104.84	.22	.00	104.96	.77	2.76	.12	9000.00	5.26	8989.48	5.26
104.650	105.73	.18	.00	105.84	.64	2.61	.11	9000.00	9.97	8980.06	9.97
123.000	100.70	.37	.00	100.91	1.96	3.69	.21	9000.00	.00	9000.00	.00
123.000	101.24	.33	.00	101.44	1.73	3.54	.19	9000.00	.00	9000.00	.00
123.000	101.86	.28	.00	102.04	1.51	3.38	.18	9000.00	.00	9000.00	.00
123.000	102.54	.24	.00	102.70	1.29	3.22	.16	9000.00	.08	8999.83	.08
123.000	103.33	.20	.00	103.48	1.07	3.05	.14	9000.00	.84	8998.31	.84
123.000	104.13	.17	.00	104.26	.90	2.90	.13	9000.00	2.67	8994.66	2.67
123.000	104.98	.14	.00	105.10	.76	2.75	.12	9000.00	5.98	8988.04	5.98
123.000	105.85	.12	.00	105.96	.64	2.61	.11	9000.00	10.84	8978.32	10.84
128.000	100.80	.10	.00	101.01	1.95	3.69	.21	9000.00	.00	9000.00	.00
128.000	101.33	.09	.00	101.52	1.73	3.54	.19	9000.00	.00	9000.00	.00
128.000	101.94	.08	.00	102.11	1.51	3.38	.18	9000.00	.00	9000.00	.00
128.000	102.61	.06	.00	102.77	1.29	3.22	.16	9000.00	.11	8999.78	.11
128.000	103.39	.05	.00	103.53	1.08	3.05	.14	9000.00	.93	8998.15	.93
128.000	104.18	.05	.00	104.31	.91	2.90	.13	9000.00	2.82	8994.37	2.82
128.000	105.02	.04	.00	105.14	.76	2.75	.12	9000.00	6.19	8987.62	6.19
128.000	105.88	.03	.00	105.99	.64	2.61	.11	9000.00	11.11	8977.79	11.11

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
155.650	101.33	.51	.00	101.52	1.76	3.56	.20	9000.00	.00	9000.00	.00
155.650	101.80	.46	.00	101.98	1.59	3.44	.18	9000.00	.00	9000.00	.00
155.650	102.35	.40	.00	102.52	1.40	3.30	.17	9000.00	.03	8999.92	.06
155.650	102.96	.35	.00	103.11	1.21	3.16	.16	9000.00	.37	8998.87	.76
155.650	103.68	.29	.00	103.82	1.03	3.01	.14	9000.00	1.52	8995.34	3.14
155.650	104.43	.25	.00	104.55	.88	2.87	.13	9000.00	3.70	8988.64	7.67
155.650	105.23	.21	.00	105.35	.74	2.73	.12	9000.00	7.30	8977.56	15.14
155.650	106.06	.18	.00	106.17	.63	2.60	.10	9000.00	12.37	8961.96	25.66
169.000	101.56	.23	.00	101.76	1.73	3.54	.20	9000.00	.00	9000.00	.00
169.000	102.01	.21	.00	102.19	1.56	3.43	.18	9000.00	.00	9000.00	.00
169.000	102.53	.19	.00	102.70	1.40	3.30	.17	9000.00	.00	9000.00	.00
169.000	103.12	.16	.00	103.28	1.23	3.16	.16	9000.00	.00	9000.00	.00
169.000	103.82	.14	.00	103.96	1.05	3.02	.14	9000.00	.26	8999.56	.18
169.000	104.54	.12	.00	104.67	.90	2.88	.13	9000.00	1.30	8997.82	.88
169.000	105.33	.10	.00	105.45	.77	2.74	.12	9000.00	3.59	8993.99	2.42
169.000	106.15	.09	.00	106.25	.65	2.61	.11	9000.00	7.36	8987.67	4.97
180.000	101.75	.19	.00	101.94	1.69	3.52	.19	9000.00	.00	9000.00	.00
180.000	102.18	.17	.00	102.36	1.53	3.40	.18	9000.00	.00	9000.00	.00
180.000	102.69	.15	.00	102.85	1.35	3.28	.17	9000.00	.16	8999.68	.16
180.000	103.26	.13	.00	103.41	1.19	3.16	.15	9000.00	.74	8998.52	.74
180.000	103.94	.11	.00	104.08	1.02	3.01	.14	9000.00	2.19	8995.63	2.19
180.000	104.64	.10	.00	104.77	.88	2.88	.13	9000.00	4.64	8990.73	4.64
180.000	105.41	.08	.00	105.53	.75	2.75	.12	9000.00	8.49	8983.02	8.49
180.000	106.22	.07	.00	106.32	.64	2.62	.11	9000.00	13.78	8972.44	13.78
190.300	101.92	.16	.00	102.11	1.47	3.48	.19	9000.00	51.47	8921.99	26.54
190.300	102.33	.15	.00	102.51	1.33	3.38	.18	9000.00	63.98	8902.00	34.03
190.300	102.82	.13	.00	102.99	1.19	3.26	.16	9000.00	80.24	8875.75	44.02
190.300	103.37	.11	.00	103.52	1.05	3.13	.15	9000.00	100.54	8842.64	56.83
190.300	104.04	.10	.00	104.18	.91	2.99	.14	9000.00	127.41	8798.31	74.29
190.300	104.73	.09	.00	104.86	.78	2.86	.12	9000.00	157.84	8747.54	94.62
190.300	105.49	.07	.00	105.60	.67	2.72	.11	9000.00	193.92	8686.72	119.36
190.300	106.29	.06	.00	106.39	.57	2.58	.10	9000.00	238.12	8612.92	148.96
190.800	101.93	.01	.00	102.11	1.47	3.48	.19	9000.00	51.47	8922.00	26.53
190.800	102.34	.01	.00	102.52	1.33	3.38	.18	9000.00	63.98	8902.00	34.03
190.800	102.83	.01	.00	102.99	1.19	3.26	.16	9000.00	80.24	8875.74	44.02
190.800	103.38	.01	.00	103.53	1.05	3.13	.15	9000.00	100.56	8842.60	56.84
190.800	104.05	.00	.00	104.18	.91	2.99	.14	9000.00	127.50	8798.15	74.35
190.800	104.74	.00	.00	104.86	.78	2.86	.12	9000.00	158.00	8747.27	94.73
190.800	105.50	.00	.00	105.61	.67	2.72	.11	9000.00	194.15	8686.33	119.52
190.800	106.29	.00	.00	106.39	.57	2.58	.10	9000.00	238.51	8612.29	149.20

SECNO	CWSEL	HL	QLOSS	EG	10K*6	VCH	HV	Q	QLOB	QCH	QROB
191.400	101.94	.01	.00	102.12	1.47	3.48	.19	9000.00	51.71	8921.61	26.68
191.400	102.35	.01	.00	102.52	1.33	3.37	.18	9000.00	64.22	8901.60	34.18
191.400	102.84	.01	.00	103.00	1.19	3.26	.16	9000.00	80.49	8875.33	44.17
191.400	103.39	.01	.00	103.54	1.05	3.13	.15	9000.00	100.81	8842.19	57.00
191.400	104.05	.01	.00	104.19	.90	2.99	.14	9000.00	127.74	8797.75	74.51
191.400	104.74	.01	.00	104.87	.78	2.86	.12	9000.00	158.23	8746.88	94.89
191.400	105.50	.00	.00	105.61	.67	2.72	.11	9000.00	194.37	8685.95	119.68
191.400	106.29	.00	.00	106.39	.57	2.58	.10	9000.00	238.77	8611.86	149.37
191.900	101.94	.01	.00	102.13	1.47	3.48	.19	9000.00	51.93	8921.27	26.81
191.900	102.36	.01	.00	102.53	1.33	3.37	.17	9000.00	64.44	8901.25	34.31
191.900	102.84	.01	.00	103.00	1.19	3.26	.16	9000.00	80.70	8874.99	44.30
191.900	103.39	.01	.00	103.54	1.05	3.13	.15	9000.00	101.01	8841.86	57.13
191.900	104.06	.00	.00	104.19	.90	2.99	.14	9000.00	127.94	8797.43	74.63
191.900	104.75	.00	.00	104.87	.78	2.85	.12	9000.00	158.41	8746.58	95.01
191.900	105.50	.00	.00	105.62	.67	2.71	.11	9000.00	194.54	8685.67	119.79
191.900	106.30	.00	.00	106.40	.57	2.58	.10	9000.00	238.96	8611.56	149.49
198.800	102.08	.09	.00	102.23	1.24	3.09	.15	9000.00	.09	8999.82	.09
198.800	102.48	.08	.00	102.62	1.13	3.00	.14	9000.00	.35	8999.30	.35
198.800	102.95	.08	.00	103.08	1.01	2.91	.13	9000.00	.94	8998.11	.94
198.800	103.49	.07	.00	103.61	.89	2.80	.12	9000.00	2.06	8995.89	2.06
198.800	104.14	.06	.00	104.25	.78	2.69	.11	9000.00	4.08	8991.85	4.08
198.800	104.82	.05	.00	104.92	.68	2.58	.10	9000.00	6.94	8986.12	6.94
198.800	105.57	.04	.00	105.66	.58	2.46	.09	9000.00	11.10	8977.81	11.10
198.800	106.35	.04	.00	106.43	.50	2.35	.09	9000.00	16.47	8967.05	16.47
224.000	102.39	.31	.00	102.54	1.25	3.10	.15	9000.00	.03	8999.97	.00
224.000	102.76	.29	.00	102.90	1.14	3.01	.14	9000.00	.19	8999.74	.06
224.000	103.21	.26	.00	103.34	1.03	2.92	.13	9000.00	.62	8999.17	.21
224.000	103.72	.23	.00	103.84	.91	2.82	.12	9000.00	1.52	8997.97	.51
224.000	104.34	.20	.00	104.45	.80	2.71	.11	9000.00	3.22	8995.71	1.07
224.000	104.99	.17	.00	105.09	.70	2.60	.10	9000.00	5.78	8992.29	1.93
224.000	105.71	.15	.00	105.81	.60	2.49	.10	9000.00	9.59	8987.21	3.20
224.000	106.48	.13	.00	106.56	.52	2.38	.09	9000.00	14.62	8980.51	4.88

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
9.000	9000.00	.00	.00	202.00	9899.00	10101.00
9.000	9000.00	.00	.00	206.00	9897.00	10103.00
9.000	9000.00	.00	.00	210.00	9895.00	10105.00
9.000	9000.00	.00	.00	214.00	9893.00	10107.00
9.000	9000.00	.00	.00	218.00	9891.00	10109.00
9.000	9000.00	.00	.00	222.00	9889.00	10111.00
9.000	9000.00	.00	.00	226.00	9887.00	10113.00
9.000	9000.00	.00	.00	230.00	9885.00	10115.00
11.550	9000.00	12.84	255.00	199.28	9898.80	10102.66
11.550	9000.00	13.97	255.00	203.65	9896.85	10104.72
11.550	9000.00	15.13	255.00	208.00	9894.90	10106.78
11.550	9000.00	16.32	255.00	212.42	9892.92	10108.87
11.550	9000.00	17.54	255.00	216.80	9890.94	10110.91
11.550	9000.00	18.77	255.00	221.21	9888.96	10112.99
11.550	9000.00	19.86	255.00	409.42	9704.18	10116.07
11.550	9000.00	21.60	255.00	847.87	9350.01	10200.00
11.950	9000.00	14.77	40.00	199.50	9898.71	10102.76
11.950	9000.00	16.07	40.00	203.78	9896.79	10104.79
11.950	9000.00	17.40	40.00	208.16	9894.83	10106.85
11.950	9000.00	18.77	40.00	212.55	9892.86	10108.93
11.950	9000.00	20.17	40.00	216.88	9890.90	10110.95
11.950	9000.00	21.59	40.00	221.30	9888.92	10113.04
11.950	9000.00	22.81	40.00	419.37	9694.35	10116.18
11.950	9000.00	24.89	40.00	856.73	9341.16	10200.00
12.450	9000.00	17.31	50.00	201.94	9899.33	10101.27
12.450	9000.00	18.83	50.00	205.65	9897.49	10103.15
12.450	9000.00	20.38	50.00	209.45	9895.62	10105.07
12.450	9000.00	21.98	50.00	213.28	9893.72	10107.00
12.450	9000.00	23.61	50.00	217.13	9891.82	10108.95
12.450	9000.00	25.27	50.00	220.99	9889.92	10110.90
12.450	9000.00	26.71	50.00	224.95	9887.96	10112.90
12.450	9000.00	29.13	50.00	228.84	9886.03	10114.87
56.000	9000.00	257.94	4355.00	205.02	9897.81	10102.83
56.000	9000.00	276.97	4355.00	208.02	9896.32	10104.34
56.000	9000.00	297.10	4355.00	211.22	9894.74	10105.96
56.000	9000.00	318.10	4355.00	214.58	9893.08	10107.66
56.000	9000.00	339.85	4355.00	218.06	9891.36	10109.42
56.000	9000.00	362.25	4355.00	221.63	9889.60	10111.23
56.000	9000.00	385.48	4355.00	225.34	9887.76	10113.10
56.000	9000.00	409.85	4355.00	229.04	9885.93	10114.97

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
62.910	9000.00	298.02	691.00	214.87	9888.77	10103.64
62.910	9000.00	319.56	691.00	218.24	9886.89	10105.13
62.910	9000.00	342.42	691.00	221.88	9884.86	10106.74
62.910	9000.00	366.34	691.00	225.73	9882.71	10108.44
62.910	9000.00	391.47	691.00	287.00	9848.00	10135.00
62.910	9000.00	417.50	691.00	287.00	9848.00	10135.00
62.910	9000.00	444.53	691.00	287.57	9847.43	10135.00
62.910	9000.00	472.73	691.00	289.72	9846.18	10135.91
63.510	9000.00	301.55	60.00	214.89	9888.76	10103.65
63.510	9000.00	323.31	60.00	218.28	9886.87	10105.15
63.510	9000.00	346.42	60.00	221.92	9884.84	10106.76
63.510	9000.00	370.60	60.00	225.78	9882.68	10108.46
63.510	9000.00	396.06	60.00	287.00	9848.00	10135.00
63.510	9000.00	422.44	60.00	287.00	9848.00	10135.00
63.510	9000.00	449.85	60.00	287.72	9847.28	10135.00
63.510	9000.00	478.42	60.00	290.19	9846.02	10136.21
64.210	9000.00	305.68	70.00	214.98	9888.71	10103.69
64.210	9000.00	327.70	70.00	218.35	9886.83	10105.18
64.210	9000.00	351.08	70.00	221.99	9884.80	10106.79
64.210	9000.00	375.56	70.00	225.83	9882.65	10108.48
64.210	9000.00	401.49	70.00	287.00	9848.00	10135.00
64.210	9000.00	428.38	70.00	287.00	9848.00	10135.00
64.210	9000.00	456.31	70.00	287.73	9847.27	10135.00
64.210	9000.00	485.41	70.00	290.21	9846.01	10136.22
65.210	9000.00	311.19	100.00	186.26	9901.87	10088.13
65.210	9000.00	333.54	100.00	189.19	9900.40	10089.60
65.210	9000.00	357.30	100.00	192.35	9898.82	10091.18
65.210	9000.00	382.18	100.00	195.70	9897.15	10092.85
65.210	9000.00	408.63	100.00	202.38	9894.28	10096.67
65.210	9000.00	436.06	100.00	213.29	9890.02	10103.30
65.210	9000.00	464.57	100.00	224.62	9885.58	10110.20
65.210	9000.00	494.26	100.00	235.91	9881.17	10117.08
76.650	9000.00	370.04	1144.00	186.69	10004.65	10191.35
76.650	9000.00	395.90	1144.00	189.42	10003.29	10192.71
76.650	9000.00	423.51	1144.00	192.40	10001.80	10194.20
76.650	9000.00	452.56	1144.00	195.58	10000.21	10195.79
76.650	9000.00	483.80	1144.00	199.98	9998.01	10197.99
76.650	9000.00	516.08	1144.00	204.42	9995.79	10200.21
76.650	9000.00	549.84	1144.00	209.06	9993.47	10202.53
76.650	9000.00	584.95	1144.00	213.69	9991.16	10204.84

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
104.650	9000.00	519.16	2800.00	189.31	10003.34	10192.66
104.650	9000.00	552.82	2800.00	191.69	10002.15	10193.85
104.650	9000.00	589.15	2800.00	194.33	10000.83	10195.17
104.650	9000.00	627.73	2800.00	197.50	9999.25	10196.75
104.650	9000.00	670.04	2800.00	201.67	9997.17	10198.83
104.650	9000.00	713.49	2800.00	205.80	9995.10	10200.90
104.650	9000.00	759.28	2800.00	210.20	9992.90	10203.10
104.650	9000.00	806.74	2800.00	214.65	9990.67	10205.33
123.000	9000.00	620.64	1835.00	190.80	10002.60	10193.40
123.000	9000.00	658.90	1835.00	192.97	10001.52	10194.48
123.000	9000.00	700.49	1835.00	195.47	10000.26	10195.74
123.000	9000.00	744.86	1835.00	198.74	9998.63	10197.37
123.000	9000.00	794.03	1835.00	202.71	9996.64	10199.36
123.000	9000.00	844.45	1835.00	206.68	9994.66	10201.34
123.000	9000.00	897.83	1835.00	210.93	9992.53	10203.47
123.000	9000.00	953.17	1835.00	215.27	9990.36	10205.64
128.000	9000.00	648.64	500.00	191.18	10002.41	10193.59
128.000	9000.00	688.07	500.00	193.31	10001.35	10194.65
128.000	9000.00	731.04	500.00	195.75	10000.13	10195.87
128.000	9000.00	776.93	500.00	199.04	9998.48	10197.52
128.000	9000.00	827.93	500.00	202.95	9996.53	10199.47
128.000	9000.00	880.21	500.00	206.88	9994.56	10201.44
128.000	9000.00	935.62	500.00	211.11	9992.45	10203.55
128.000	9000.00	993.08	500.00	215.42	9990.29	10205.71
155.650	9000.00	806.31	2765.00	193.30	10001.35	10194.65
155.650	9000.00	851.90	2765.00	195.22	10000.39	10195.61
155.650	9000.00	902.03	2765.00	198.65	9999.12	10197.77
155.650	9000.00	956.00	2765.00	203.22	9997.59	10200.81
155.650	9000.00	1016.71	2765.00	208.64	9995.79	10204.43
155.650	9000.00	1079.08	2765.00	214.20	9993.93	10208.13
155.650	9000.00	1145.64	2765.00	220.23	9991.92	10212.16
155.650	9000.00	1214.83	2765.00	226.46	9989.85	10216.31
169.000	9000.00	883.95	1335.00	192.33	10002.83	10195.17
169.000	9000.00	932.29	1335.00	194.12	10001.94	10196.06
169.000	9000.00	985.63	1335.00	196.19	10000.91	10197.09
169.000	9000.00	1043.24	1335.00	198.61	9999.64	10198.25
169.000	9000.00	1108.38	1335.00	202.01	9997.64	10199.65
169.000	9000.00	1175.40	1335.00	205.51	9995.58	10201.09
169.000	9000.00	1247.14	1335.00	209.33	9993.34	10202.66
169.000	9000.00	1321.81	1335.00	213.29	9991.01	10204.29

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
180.000	9000.00	948.34	1100.00	193.02	10000.49	10193.51
180.000	9000.00	998.85	1100.00	194.92	9999.54	10194.46
180.000	9000.00	1054.71	1100.00	197.44	9998.28	10195.72
180.000	9000.00	1115.20	1100.00	200.28	9996.86	10197.14
180.000	9000.00	1183.85	1100.00	203.69	9995.16	10198.84
180.000	9000.00	1254.56	1100.00	207.21	9993.40	10200.60
180.000	9000.00	1330.39	1100.00	211.07	9991.46	10202.54
180.000	9000.00	1409.39	1100.00	215.08	9989.46	10204.54
190.300	9000.00	1009.88	1030.00	221.56	9979.01	10200.57
190.300	9000.00	1062.47	1030.00	226.99	9976.06	10203.05
190.300	9000.00	1120.82	1030.00	233.38	9972.60	10205.97
190.300	9000.00	1184.20	1030.00	240.61	9968.67	10209.28
190.300	9000.00	1256.40	1030.00	249.32	9963.94	10213.26
190.300	9000.00	1330.88	1030.00	258.37	9959.03	10217.40
190.300	9000.00	1410.99	1030.00	268.33	9953.62	10221.95
190.300	9000.00	1494.57	1030.00	275.00	9950.00	10225.00
190.800	9000.00	1012.92	50.00	221.56	9979.01	10200.57
190.800	9000.00	1065.61	50.00	226.99	9976.06	10203.05
190.800	9000.00	1124.09	50.00	233.38	9972.60	10205.97
190.800	9000.00	1187.62	50.00	240.62	9968.67	10209.28
190.800	9000.00	1260.00	50.00	249.35	9963.92	10213.27
190.800	9000.00	1334.69	50.00	258.42	9959.00	10217.42
190.800	9000.00	1415.03	50.00	268.40	9953.58	10221.98
190.800	9000.00	1498.85	50.00	275.00	9950.00	10225.00
191.400	9000.00	1016.56	60.00	221.67	9978.95	10200.62
191.400	9000.00	1069.38	60.00	227.09	9976.01	10203.10
191.400	9000.00	1128.02	60.00	233.47	9972.54	10206.01
191.400	9000.00	1191.72	60.00	240.70	9968.62	10209.32
191.400	9000.00	1264.33	60.00	249.43	9963.88	10213.31
191.400	9000.00	1339.26	60.00	258.49	9958.96	10217.45
191.400	9000.00	1419.88	60.00	268.46	9953.55	10222.01
191.400	9000.00	1504.00	60.00	275.00	9950.00	10225.00
191.900	9000.00	1019.60	50.00	221.77	9978.90	10200.66
191.900	9000.00	1072.52	50.00	227.18	9975.96	10203.14
191.900	9000.00	1131.29	50.00	233.55	9972.50	10206.05
191.900	9000.00	1195.15	50.00	240.77	9968.58	10209.35
191.900	9000.00	1267.94	50.00	249.49	9963.85	10213.34
191.900	9000.00	1343.07	50.00	258.54	9958.94	10217.47
191.900	9000.00	1423.92	50.00	268.50	9953.53	10222.03
191.900	9000.00	1508.29	50.00	275.00	9950.00	10225.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
198.800	9000.00	1063.62	690.00	214.72	9998.64	10213.36
198.800	9000.00	1117.97	690.00	216.61	9997.70	10214.30
198.800	9000.00	1178.44	690.00	218.83	9996.58	10215.42
198.800	9000.00	1244.26	690.00	221.36	9995.32	10216.68
198.800	9000.00	1319.50	690.00	224.43	9993.79	10218.21
198.800	9000.00	1397.21	690.00	227.57	9992.21	10219.79
198.800	9000.00	1481.00	690.00	231.10	9990.45	10221.55
198.800	9000.00	1568.53	690.00	234.79	9988.61	10223.39
224.000	9000.00	1231.91	2520.00	213.37	9999.02	10212.39
224.000	9000.00	1291.05	2520.00	214.67	9998.09	10212.76
224.000	9000.00	1357.26	2520.00	216.23	9996.98	10213.21
224.000	9000.00	1429.76	2520.00	218.04	9995.69	10213.73
224.000	9000.00	1513.12	2520.00	220.21	9994.14	10214.34
224.000	9000.00	1599.37	2520.00	222.49	9992.51	10215.00
224.000	9000.00	1692.85	2520.00	225.03	9990.69	10215.72
224.000	9000.00	1790.62	2520.00	227.69	9988.79	10216.48

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 09:40:38

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINOUT.HLO -- HEAD LOSSES FOR PUMP STATION OUTFLOW
 T3 MAIN OUTFALL CHANNEL--EXISTING CHANNEL -- -2' STARTING WSEL

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	98.000	.000

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRADE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000	1.000	11.000	12.000	3.000	5.000	26.000	10.000	43.000	13.000
14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000

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

-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
---------	---------	------	------	------	------	------	------	------	------

DT	1.000	10000.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.030	.030	.030	.100	.300	.000	.000	.000	.000	.000

CONFLUENCE WITH OUTFALL CHANNEL, AT STA 0+00.00
 PUMP STATION NO. 16 FOREBAY (ALLIGATOR BAYOU PUMP STATION)

X1	9.000	6.000	9883.000	10115.000	.000	.000	.000	.000	100.000	.000
GR	6.000	9000.000	6.000	9883.000	-15.000	9925.000	-15.000	10075.000	5.000	10115.000
GR	5.000	10300.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

SPRR TRESTLE BRIDGE (DD NO. 7 STA. -4+25.36)

X1	11.550	37.000	9888.000	10114.000	255.000	255.000	255.000	.000	100.000	.000
BT	65.000	9888.000	107.400	103.500	9888.000	107.400	103.500	9888.000	107.400	103.500
BT	9888.000	107.400	103.500	9900.000	107.400	103.500	9900.000	107.400	97.500	9901.000
BT	107.400	97.000	9901.000	107.400	103.500	9916.000	107.400	103.500	9916.000	107.400
BT	89.500	9917.000	107.400	89.000	9917.000	107.400	103.500	9932.000	107.400	103.500
BT	9932.000	107.400	85.000	9933.000	107.400	85.000	9933.000	107.400	103.500	9948.000
BT	107.400	103.500	9948.000	107.400	85.000	9949.000	107.400	85.000	9949.000	107.400
BT	103.500	9964.000	107.400	103.500	9964.000	107.400	85.000	9965.000	107.400	85.000
BT	9965.000	107.400	103.500	9980.000	107.400	103.500	9980.000	107.400	85.000	9981.000
BT	107.400	85.000	9981.000	107.400	103.500	9990.000	107.400	103.500	9990.000	107.400
BT	85.000	9991.000	107.400	85.000	9991.000	107.400	103.500	10003.000	107.400	103.500
BT	10003.000	107.400	85.000	10004.000	107.400	85.000	10004.000	107.400	103.500	10015.000

THIS RUN EXECUTED 04/10/90 09:50:09

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

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

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	CWSEL	HL	DLOSS	EG	10K*5	VCH	HV	Q	QLOB	QCH	QROB
9.000	98.00	.00	.00	98.30	3.18	4.37	.30	10000.00	.00	10000.00	.00
9.000	99.00	.00	.00	99.25	2.46	4.01	.25	10000.00	.00	10000.00	.00
9.000	100.00	.00	.00	100.21	1.94	3.70	.21	10000.00	.00	10000.00	.00
9.000	101.00	.00	.00	101.18	1.55	3.43	.18	10000.00	.00	10000.00	.00
9.000	102.00	.00	.00	102.16	1.25	3.20	.16	10000.00	.00	10000.00	.00
9.000	103.00	.00	.00	103.14	1.03	2.99	.14	10000.00	.00	10000.00	.00
9.000	104.00	.00	.00	104.12	.85	2.80	.12	10000.00	.00	10000.00	.00
9.000	105.00	.00	.00	105.11	.71	2.63	.11	10000.00	.00	10000.00	.00
11.550	98.12	.15	.03	98.47	13.79	4.76	.35	10000.00	.00	10000.00	.00
11.550	99.09	.12	.02	99.39	11.32	4.38	.30	10000.00	.00	10000.00	.00
11.550	100.07	.09	.02	100.33	9.39	4.04	.25	10000.00	.00	10000.00	.00
11.550	101.06	.08	.02	101.28	7.87	3.75	.22	10000.00	.00	10000.00	.00
11.550	102.05	.06	.02	102.24	6.65	3.49	.19	10000.00	.00	10000.00	.00
11.550	103.04	.05	.01	103.20	5.68	3.26	.17	10000.00	.00	10000.00	.00
11.550	104.03	.05	.02	104.19	7.49	3.15	.15	10000.00	27.48	9972.22	.30
11.550	105.03	.04	.01	105.16	6.87	3.02	.14	10000.00	442.21	9552.74	5.05
11.950	98.18	.05	.00	98.53	13.62	4.73	.35	10000.00	.00	10000.00	.00
11.950	99.14	.05	.00	99.44	11.22	4.36	.29	10000.00	.00	10000.00	.00
11.950	100.11	.04	.00	100.36	9.34	4.03	.25	10000.00	.00	10000.00	.00
11.950	101.09	.03	.00	101.31	7.82	3.74	.22	10000.00	.00	10000.00	.00
11.950	102.07	.03	.00	102.26	6.61	3.48	.19	10000.00	.00	10000.00	.00
11.950	103.06	.02	.00	103.23	5.66	3.26	.16	10000.00	.00	10000.00	.00
11.950	104.06	.03	.00	104.22	7.48	3.15	.15	10000.00	31.66	9968.00	.35
11.950	105.06	.03	.00	105.19	6.84	3.01	.14	10000.00	465.44	9528.64	5.92

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
12.450	98.28	.03	.01	98.56	2.97	4.28	.28	10000.00	.00	10000.00	.00
12.450	99.22	.02	.01	99.46	2.34	3.95	.24	10000.00	.00	10000.00	.00
12.450	100.18	.02	.00	100.39	1.87	3.67	.21	10000.00	.00	10000.00	.00
12.450	101.15	.01	.00	101.33	1.51	3.41	.18	10000.00	.00	10000.00	.00
12.450	102.12	.01	.00	102.28	1.23	3.18	.16	10000.00	.00	10000.00	.00
12.450	103.10	.01	.00	103.24	1.01	2.98	.14	10000.00	.00	10000.00	.00
12.450	104.11	.01	.00	104.23	.84	2.79	.12	10000.00	.00	10000.00	.00
12.450	105.09	.01	.00	105.20	.70	2.63	.11	10000.00	.00	10000.00	.00
56.000	99.46	1.14	.00	99.71	2.32	3.94	.24	10000.00	.00	10000.00	.00
56.000	100.18	.93	.00	100.40	1.96	3.72	.22	10000.00	.00	10000.00	.00
56.000	100.96	.76	.00	101.15	1.64	3.51	.19	10000.00	.00	10000.00	.00
56.000	101.79	.63	.00	101.95	1.37	3.30	.17	10000.00	.00	10000.00	.00
56.000	102.65	.52	.00	102.80	1.15	3.11	.15	10000.00	.00	10000.00	.00
56.000	103.54	.43	.00	103.67	.97	2.93	.13	10000.00	.00	10000.00	.00
56.000	104.47	.36	.00	104.59	.81	2.76	.12	10000.00	.00	10000.00	.00
56.000	105.40	.30	.00	105.50	.69	2.61	.11	10000.00	.00	10000.00	.00
62.910	99.64	.16	.00	99.87	2.19	3.81	.23	10000.00	.00	10000.00	.00
62.910	100.33	.13	.00	100.53	1.86	3.60	.20	10000.00	.00	10000.00	.00
62.910	101.09	.11	.00	101.27	1.57	3.40	.18	10000.00	.00	10000.00	.00
62.910	101.89	.09	.00	102.05	1.32	3.20	.16	10000.00	.00	10000.00	.00
62.910	102.74	.08	.00	102.88	1.08	3.01	.14	10000.00	10.18	9982.07	7.75
62.910	103.61	.06	.00	103.74	.88	2.83	.12	10000.00	33.73	9940.72	25.56
62.910	104.54	.05	.00	104.64	.72	2.66	.11	10000.00	64.46	9887.42	48.12
62.910	105.46	.04	.00	105.55	.59	2.50	.10	10000.00	98.49	9829.01	72.50
63.510	99.65	.01	.00	99.87	2.19	3.81	.23	10000.00	.00	10000.00	.00
63.510	100.34	.01	.00	100.54	1.86	3.60	.20	10000.00	.00	10000.00	.00
63.510	101.09	.01	.00	101.27	1.57	3.40	.18	10000.00	.00	10000.00	.00
63.510	101.90	.00	.00	102.06	1.31	3.20	.16	10000.00	.00	10000.00	.00
63.510	102.83	.10	.00	102.97	1.05	2.99	.14	10000.00	12.55	9977.90	9.55
63.510	103.73	.11	.00	103.85	.86	2.81	.12	10000.00	37.52	9934.07	28.41
63.510	104.66	.13	.00	104.77	.70	2.63	.11	10000.00	69.43	9878.92	51.65
63.510	105.60	.14	.00	105.69	.57	2.48	.09	10000.00	104.26	9819.00	76.73
64.210	99.67	.02	.00	99.89	2.18	3.80	.22	10000.00	.00	10000.00	.00
64.210	100.35	.01	.00	100.55	1.85	3.60	.20	10000.00	.00	10000.00	.00
64.210	101.10	.01	.00	101.28	1.56	3.39	.18	10000.00	.00	10000.00	.00
64.210	101.91	.01	.00	102.06	1.31	3.20	.16	10000.00	.00	10000.00	.00
64.210	102.84	.01	.00	102.98	1.05	2.99	.14	10000.00	12.82	9977.43	9.75
64.210	103.73	.01	.00	103.85	.86	2.80	.12	10000.00	37.81	9933.56	28.63
64.210	104.67	.00	.00	104.78	.70	2.63	.11	10000.00	69.71	9878.45	51.84
64.210	105.60	.00	.00	105.70	.57	2.48	.09	10000.00	104.50	9818.59	76.91

SECNO	CWSEL	HL	DLOSS	EG	10K*S	VCH	HV	Q	GLOB	QCH	DRGB
65.210	99.64	.03	.02	99.94	2.96	4.40	.30	10000.00	.00	10000.00	.00
65.210	100.33	.02	.02	100.60	2.51	4.16	.27	10000.00	.00	10000.00	.00
65.210	101.08	.02	.02	101.32	2.11	3.92	.24	10000.00	.00	10000.00	.00
65.210	101.88	.02	.02	102.10	1.77	3.70	.21	10000.00	.00	10000.00	.00
65.210	102.82	.01	.01	103.01	1.44	3.46	.19	10000.00	.15	9999.61	.24
65.210	103.71	.01	.01	103.88	1.18	3.26	.16	10000.00	1.96	9994.96	3.08
65.210	104.65	.01	.01	104.80	.97	3.07	.15	10000.00	6.91	9982.26	10.83
65.210	105.58	.01	.01	105.71	.80	2.90	.13	10000.00	15.33	9960.63	24.05
76.650	99.98	.33	.00	100.27	2.79	4.31	.29	10000.00	.00	10000.00	.00
76.650	100.62	.28	.00	100.88	2.41	4.10	.26	10000.00	.00	10000.00	.00
76.650	101.32	.24	.00	101.56	2.05	3.89	.23	10000.00	.00	10000.00	.00
76.650	102.09	.20	.00	102.30	1.73	3.67	.21	10000.00	.00	10000.00	.00
76.650	102.98	.16	.00	103.17	1.41	3.45	.18	10000.00	.42	9999.16	.42
76.650	103.85	.13	.00	104.01	1.17	3.26	.16	10000.00	2.03	9995.93	2.03
76.650	104.76	.11	.00	104.91	.96	3.08	.15	10000.00	5.43	9989.15	5.42
76.650	105.67	.09	.00	105.81	.80	2.91	.13	10000.00	10.65	9978.70	10.65
104.650	100.73	.72	.00	100.99	2.24	4.07	.26	10000.00	.00	10000.00	.00
104.650	101.27	.62	.00	101.50	2.08	3.90	.24	10000.00	.00	10000.00	.00
104.650	101.88	.54	.00	102.10	1.81	3.73	.22	10000.00	.00	10000.00	.00
104.650	102.56	.46	.00	102.76	1.55	3.55	.20	10000.00	.10	9999.79	.10
104.650	103.37	.38	.00	103.55	1.29	3.36	.18	10000.00	.99	9998.03	.99
104.650	104.17	.32	.00	104.33	1.09	3.19	.16	10000.00	3.06	9993.89	3.06
104.650	105.03	.26	.00	105.17	.91	3.03	.14	10000.00	6.79	9986.42	6.79
104.650	105.90	.22	.00	106.03	.77	2.88	.13	10000.00	12.23	9975.54	12.23
123.000	101.16	.41	.00	101.40	2.18	3.96	.24	10000.00	.00	10000.00	.00
123.000	101.65	.37	.00	101.87	1.95	3.82	.23	10000.00	.00	10000.00	.00
123.000	102.21	.32	.00	102.42	1.72	3.66	.21	10000.00	.00	10000.00	.00
123.000	102.84	.28	.00	103.03	1.48	3.50	.19	10000.00	.30	9999.41	.30
123.000	103.61	.23	.00	103.78	1.25	3.33	.17	10000.00	1.49	9997.03	1.49
123.000	104.37	.20	.00	104.53	1.06	3.17	.16	10000.00	3.85	9992.31	3.85
123.000	105.20	.17	.00	105.34	.90	3.01	.14	10000.00	7.82	9984.37	7.82
123.000	106.04	.14	.00	106.17	.76	2.87	.13	10000.00	13.43	9973.15	13.43
128.000	101.27	.11	.00	101.51	2.16	3.95	.24	10000.00	.00	10000.00	.00
128.000	101.75	.10	.00	101.97	1.95	3.81	.23	10000.00	.00	10000.00	.00
128.000	102.30	.09	.00	102.51	1.71	3.66	.21	10000.00	.02	9999.96	.02
128.000	102.92	.07	.00	103.11	1.48	3.50	.19	10000.00	.36	9999.28	.36
128.000	103.67	.06	.00	103.84	1.25	3.33	.17	10000.00	1.63	9996.73	1.63
128.000	104.42	.05	.00	104.58	1.07	3.17	.16	10000.00	4.06	9991.88	4.06
128.000	105.24	.04	.00	105.38	.90	3.02	.14	10000.00	8.11	9983.78	8.11
128.000	106.08	.04	.00	106.20	.77	2.87	.13	10000.00	13.79	9972.42	13.79

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLOB	QCH	QROB
155.650	101.85	.57	.00	102.08	1.94	3.80	.22	10000.00	.00	10000.00	.00
155.650	102.27	.51	.00	102.48	1.76	3.69	.21	10000.00	.00	9999.96	.03
155.650	102.77	.45	.00	102.96	1.56	3.56	.20	10000.00	.23	9999.29	.48
155.650	103.32	.39	.00	103.50	1.38	3.43	.18	10000.00	.93	9997.15	1.92
155.650	104.01	.34	.00	104.18	1.18	3.27	.17	10000.00	2.62	9991.95	5.43
155.650	104.72	.29	.00	104.87	1.02	3.13	.15	10000.00	5.38	9983.45	11.17
155.650	105.49	.25	.00	105.63	.87	2.98	.14	10000.00	9.70	9970.19	20.12
155.650	106.29	.21	.00	106.41	.74	2.85	.13	10000.00	15.55	9952.20	32.25
169.000	102.11	.26	.00	102.33	1.89	3.78	.22	10000.00	.00	10000.00	.00
169.000	102.51	.23	.00	102.72	1.74	3.67	.21	10000.00	.00	10000.00	.00
169.000	102.98	.21	.00	103.17	1.57	3.55	.20	10000.00	.00	10000.00	.00
169.000	103.51	.18	.00	103.69	1.39	3.42	.18	10000.00	.09	9999.86	.06
169.000	104.17	.16	.00	104.34	1.20	3.28	.17	10000.00	.72	9998.79	.49
169.000	104.85	.14	.00	105.01	1.04	3.14	.15	10000.00	2.27	9996.19	1.54
169.000	105.61	.12	.00	105.74	.89	3.00	.14	10000.00	5.22	9991.25	3.53
169.000	106.39	.10	.00	106.52	.77	2.86	.13	10000.00	9.74	9983.68	6.58
180.000	102.32	.20	.00	102.54	1.82	3.74	.22	10000.00	.02	9999.95	.02
180.000	102.70	.19	.00	102.90	1.67	3.64	.21	10000.00	.19	9999.63	.19
180.000	103.15	.17	.00	103.34	1.50	3.53	.19	10000.00	.66	9998.68	.66
180.000	103.66	.15	.00	103.84	1.34	3.41	.18	10000.00	1.66	9996.69	1.66
180.000	104.30	.13	.00	104.47	1.16	3.27	.17	10000.00	3.70	9992.59	3.70
180.000	104.97	.11	.00	105.12	1.01	3.14	.15	10000.00	6.78	9986.44	6.78
180.000	105.70	.10	.00	105.84	.87	3.00	.14	10000.00	11.38	9977.24	11.38
180.000	106.47	.08	.00	106.60	.75	2.87	.13	10000.00	17.47	9965.05	17.47
190.300	102.50	.17	.00	102.71	1.58	3.71	.21	10000.00	77.15	9881.35	41.50
190.300	102.87	.16	.00	103.07	1.45	3.61	.20	10000.00	90.92	9859.08	50.01
190.300	103.30	.14	.00	103.49	1.32	3.50	.19	10000.00	108.55	9830.33	61.12
190.300	103.79	.13	.00	103.97	1.18	3.38	.17	10000.00	130.25	9794.62	75.12
190.300	104.42	.11	.00	104.58	1.03	3.24	.16	10000.00	159.93	9745.33	94.74
190.300	105.07	.10	.00	105.22	.90	3.10	.15	10000.00	192.88	9690.06	117.06
190.300	105.80	.08	.00	105.93	.77	2.96	.13	10000.00	232.14	9623.62	144.24
190.300	106.55	.07	.00	106.67	.66	2.82	.12	10000.00	283.97	9538.20	177.84
190.800	102.51	.01	.00	102.72	1.58	3.71	.21	10000.00	77.13	9881.38	41.49
190.800	102.87	.01	.00	103.07	1.45	3.61	.20	10000.00	90.91	9859.09	50.00
190.800	103.31	.01	.00	103.49	1.32	3.50	.19	10000.00	108.56	9830.31	61.13
190.800	103.80	.01	.00	103.98	1.18	3.38	.17	10000.00	130.34	9794.49	75.18
190.800	104.43	.01	.00	104.59	1.03	3.24	.16	10000.00	160.10	9745.05	94.85
190.800	105.08	.00	.00	105.22	.90	3.10	.15	10000.00	193.14	9689.62	117.24
190.800	105.80	.00	.00	105.93	.77	2.96	.13	10000.00	232.49	9623.02	144.49
190.800	106.56	.00	.00	106.68	.66	2.82	.12	10000.00	284.53	9537.28	178.20

SECNO	CWSEL	HL	QLOSS	EG	10K*S	VCH	HV	Q	QLCB	QCH	QRDB
191.400	102.52	.01	.00	102.73	1.58	3.70	.21	10000.00	77.48	9880.81	41.71
191.400	102.88	.01	.00	103.08	1.45	3.61	.20	10000.00	91.27	9858.51	50.22
191.400	103.31	.01	.00	103.50	1.31	3.50	.19	10000.00	108.91	9829.74	61.35
191.400	103.81	.01	.00	103.98	1.18	3.38	.17	10000.00	130.68	9793.91	75.40
191.400	104.44	.01	.00	104.59	1.03	3.24	.16	10000.00	160.44	9744.48	95.08
191.400	105.08	.01	.00	105.23	.90	3.10	.15	10000.00	193.47	9689.07	117.46
191.400	105.81	.01	.00	105.94	.77	2.96	.13	10000.00	232.79	9622.51	144.70
191.400	106.56	.00	.00	106.68	.66	2.82	.12	10000.00	284.87	9536.71	178.42
191.900	102.53	.01	.00	102.74	1.58	3.70	.21	10000.00	77.77	9880.35	41.88
191.900	102.89	.01	.00	103.09	1.45	3.61	.20	10000.00	91.55	9858.05	50.40
191.900	103.32	.01	.00	103.51	1.31	3.50	.19	10000.00	109.19	9829.28	61.53
191.900	103.81	.01	.00	103.99	1.18	3.38	.17	10000.00	130.95	9793.47	75.58
191.900	104.44	.01	.00	104.60	1.03	3.24	.16	10000.00	160.69	9744.06	95.25
191.900	105.09	.00	.00	105.23	.90	3.10	.15	10000.00	193.71	9688.67	117.62
191.900	105.81	.00	.00	105.94	.77	2.96	.13	10000.00	233.01	9622.14	144.65
191.900	106.57	.00	.00	106.68	.66	2.81	.12	10000.00	285.11	9536.32	178.57
198.800	102.67	.10	.00	102.84	1.33	3.29	.17	10000.00	.61	9998.77	.61
198.800	103.02	.09	.00	103.18	1.23	3.21	.16	10000.00	1.18	9997.63	1.18
198.800	103.44	.08	.00	103.59	1.12	3.12	.15	10000.00	2.16	9995.69	2.16
198.800	103.92	.07	.00	104.07	1.00	3.03	.14	10000.00	3.69	9992.62	3.69
198.800	104.54	.07	.00	104.67	.88	2.91	.13	10000.00	6.31	9987.39	6.31
198.800	105.17	.06	.00	105.29	.77	2.80	.12	10000.00	9.80	9980.40	9.80
198.800	105.88	.05	.00	105.99	.67	2.68	.11	10000.00	14.58	9970.84	14.58
198.800	106.63	.04	.00	106.73	.59	2.57	.10	10000.00	20.69	9958.62	20.69
224.000	103.01	.33	.00	103.18	1.33	3.29	.17	10000.00	.44	9999.42	.15
224.000	103.33	.31	.00	103.49	1.23	3.22	.16	10000.00	.89	9998.81	.30
224.000	103.73	.28	.00	103.88	1.13	3.13	.15	10000.00	1.69	9997.75	.56
224.000	104.18	.26	.00	104.32	1.02	3.04	.14	10000.00	2.99	9996.01	1.00
224.000	104.76	.22	.00	104.89	.90	2.93	.13	10000.00	5.33	9992.90	1.78
224.000	105.37	.20	.00	105.49	.80	2.82	.12	10000.00	8.48	9988.68	2.83
224.000	106.05	.17	.00	106.17	.70	2.71	.11	10000.00	12.97	9982.70	4.33
224.000	106.77	.15	.00	106.88	.61	2.60	.10	10000.00	18.78	9974.96	6.26

MAIN OUTFALL CHANNEL--EX

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
9.000	10000.00	.00	.00	202.00	9899.00	10101.00
9.000	10000.00	.00	.00	206.00	9897.00	10103.00
9.000	10000.00	.00	.00	210.00	9895.00	10105.00
9.000	10000.00	.00	.00	214.00	9893.00	10107.00
9.000	10000.00	.00	.00	218.00	9891.00	10109.00
9.000	10000.00	.00	.00	222.00	9889.00	10111.00
9.000	10000.00	.00	.00	226.00	9887.00	10113.00
9.000	10000.00	.00	.00	230.00	9885.00	10115.00
11.550	10000.00	12.85	255.00	199.39	9898.76	10102.71
11.550	10000.00	13.98	255.00	203.73	9896.81	10104.76
11.550	10000.00	15.14	255.00	208.11	9894.85	10106.83
11.550	10000.00	16.33	255.00	212.46	9892.90	10108.89
11.550	10000.00	17.54	255.00	216.83	9890.92	10110.92
11.550	10000.00	18.78	255.00	221.26	9888.94	10113.01
11.550	10000.00	19.86	255.00	412.83	9700.81	10116.11
11.550	10000.00	21.60	255.00	849.09	9348.79	10200.00
11.950	10000.00	14.79	40.00	199.65	9898.64	10102.83
11.950	10000.00	16.09	40.00	203.95	9896.72	10104.86
11.950	10000.00	17.42	40.00	208.24	9894.79	10106.90
11.950	10000.00	18.78	40.00	212.62	9892.83	10108.97
11.950	10000.00	20.17	40.00	216.96	9890.86	10110.99
11.950	10000.00	21.60	40.00	221.34	9888.90	10113.06
11.950	10000.00	22.82	40.00	423.18	9690.58	10116.22
11.950	10000.00	24.90	40.00	860.08	9337.82	10200.00
12.450	10000.00	17.34	50.00	202.15	9899.22	10101.38
12.450	10000.00	18.86	50.00	205.86	9897.39	10103.25
12.450	10000.00	20.41	50.00	209.58	9895.55	10105.13
12.450	10000.00	22.00	50.00	213.39	9893.67	10107.06
12.450	10000.00	23.62	50.00	217.22	9891.78	10109.00
12.450	10000.00	25.29	50.00	221.07	9889.87	10110.95
12.450	10000.00	26.72	50.00	225.02	9887.92	10112.94
12.450	10000.00	29.15	50.00	228.91	9886.00	10114.91
56.000	10000.00	261.14	4355.00	206.03	9897.31	10103.33
56.000	10000.00	279.66	4355.00	208.82	9895.93	10104.75
56.000	10000.00	299.26	4355.00	211.89	9894.41	10106.30
56.000	10000.00	319.92	4355.00	215.14	9892.81	10107.94
56.000	10000.00	341.40	4355.00	218.52	9891.13	10109.66
56.000	10000.00	363.61	4355.00	222.02	9889.40	10111.42
56.000	10000.00	386.69	4355.00	225.68	9887.59	10113.28
56.000	10000.00	410.91	4355.00	229.33	9885.79	10115.12

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
62.910	10000.00	302.12	691.00	216.15	9888.06	10104.21
62.910	10000.00	322.98	691.00	219.31	9886.30	10105.60
62.910	10000.00	345.21	691.00	222.77	9884.36	10107.13
62.910	10000.00	368.70	691.00	226.47	9882.30	10108.77
62.910	10000.00	393.52	691.00	287.00	9848.00	10135.00
62.910	10000.00	419.28	691.00	287.00	9848.00	10135.00
62.910	10000.00	446.12	691.00	287.70	9847.30	10135.00
62.910	10000.00	474.12	691.00	290.04	9846.07	10136.12
63.510	10000.00	305.73	60.00	216.16	9888.05	10104.21
63.510	10000.00	326.81	60.00	219.34	9886.28	10105.62
63.510	10000.00	349.26	60.00	222.82	9884.34	10107.15
63.510	10000.00	373.00	60.00	226.52	9882.27	10108.79
63.510	10000.00	398.16	60.00	287.00	9848.00	10135.00
63.510	10000.00	424.28	60.00	287.00	9848.00	10135.00
63.510	10000.00	451.48	60.00	287.89	9847.11	10135.00
63.510	10000.00	479.85	60.00	290.62	9845.87	10136.49
64.210	10000.00	309.96	70.00	216.27	9887.99	10104.26
64.210	10000.00	331.27	70.00	219.43	9886.23	10105.66
64.210	10000.00	354.00	70.00	222.89	9884.29	10107.19
64.210	10000.00	378.02	70.00	226.59	9882.23	10108.82
64.210	10000.00	403.69	70.00	287.00	9848.00	10135.00
64.210	10000.00	430.29	70.00	287.00	9848.00	10135.00
64.210	10000.00	458.01	70.00	287.90	9847.10	10135.00
64.210	10000.00	486.90	70.00	290.65	9845.86	10136.51
65.210	10000.00	315.59	100.00	187.35	9901.33	10088.67
65.210	10000.00	337.23	100.00	190.11	9899.95	10090.05
65.210	10000.00	360.31	100.00	193.12	9898.44	10091.56
65.210	10000.00	384.72	100.00	196.33	9896.83	10093.17
65.210	10000.00	410.92	100.00	204.21	9893.57	10097.78
65.210	10000.00	438.05	100.00	214.88	9889.39	10104.28
65.210	10000.00	466.35	100.00	226.08	9885.01	10111.09
65.210	10000.00	495.82	100.00	237.23	9880.65	10117.88
76.650	10000.00	375.90	1144.00	187.96	10004.02	10191.98
76.650	10000.00	400.83	1144.00	190.50	10002.75	10193.25
76.650	10000.00	427.58	1144.00	193.31	10001.35	10194.65
76.650	10000.00	456.00	1144.00	196.44	9999.78	10196.22
76.650	10000.00	487.00	1144.00	200.92	9997.54	10198.46
76.650	10000.00	518.87	1144.00	205.19	9995.40	10200.60
76.650	10000.00	552.36	1144.00	209.76	9993.12	10202.88
76.650	10000.00	587.23	1144.00	214.34	9990.83	10205.17

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
104.650	10000.00	529.45	2800.00	190.95	10002.53	10193.47
104.650	10000.00	561.58	2800.00	193.09	10001.46	10194.54
104.650	10000.00	596.58	2800.00	195.56	10000.22	10195.78
104.650	10000.00	634.09	2800.00	198.85	9998.58	10197.42
104.650	10000.00	676.01	2800.00	202.88	9996.56	10199.44
104.650	10000.00	718.68	2800.00	206.85	9994.58	10201.42
104.650	10000.00	764.00	2800.00	211.13	9992.44	10203.56
104.650	10000.00	811.03	2800.00	215.47	9990.26	10205.74
123.000	10000.00	634.43	1835.00	192.63	10001.69	10194.31
123.000	10000.00	670.74	1835.00	194.59	10000.70	10195.30
123.000	10000.00	710.61	1835.00	197.07	9999.46	10196.54
123.000	10000.00	753.63	1835.00	200.27	9997.87	10198.13
123.000	10000.00	802.19	1835.00	204.07	9995.97	10200.03
123.000	10000.00	851.60	1835.00	207.88	9994.06	10201.94
123.000	10000.00	904.33	1835.00	212.00	9992.00	10204.00
123.000	10000.00	959.06	1835.00	216.21	9989.89	10206.11
128.000	10000.00	663.44	500.00	193.06	10001.47	10194.53
128.000	10000.00	700.83	500.00	194.99	10000.50	10195.50
128.000	10000.00	741.97	500.00	197.52	9999.24	10196.75
128.000	10000.00	786.41	500.00	200.60	9997.70	10198.30
128.000	10000.00	836.73	500.00	204.36	9995.82	10200.18
128.000	10000.00	887.93	500.00	208.12	9993.94	10202.06
128.000	10000.00	942.64	500.00	212.20	9991.90	10204.10
128.000	10000.00	999.44	500.00	216.39	9989.81	10206.19
155.650	10000.00	827.23	2765.00	195.43	10000.28	10195.72
155.650	10000.00	870.18	2765.00	198.09	9999.30	10197.40
155.650	10000.00	917.89	2765.00	201.78	9998.07	10199.85
155.650	10000.00	969.83	2765.00	205.96	9996.68	10202.64
155.650	10000.00	1029.54	2765.00	211.12	9994.96	10206.08
155.650	10000.00	1090.41	2765.00	216.37	9993.21	10209.58
155.650	10000.00	1155.95	2765.00	222.17	9991.28	10213.44
155.650	10000.00	1224.15	2765.00	228.16	9989.28	10217.44
169.000	10000.00	908.08	1335.00	194.51	10001.74	10196.26
169.000	10000.00	953.47	1335.00	196.08	10000.96	10197.04
169.000	10000.00	1004.10	1335.00	197.94	10000.03	10197.97
169.000	10000.00	1059.40	1335.00	200.49	9998.54	10199.03
169.000	10000.00	1123.36	1335.00	203.71	9996.64	10200.35
169.000	10000.00	1188.67	1335.00	207.01	9994.70	10201.71
169.000	10000.00	1259.21	1335.00	210.66	9992.55	10203.21
169.000	10000.00	1332.71	1335.00	214.46	9990.32	10204.78

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
180.000	10000.00	975.21	1100.00	195.61	9999.20	10194.80
180.000	10000.00	1022.52	1100.00	197.50	9998.25	10195.75
180.000	10000.00	1075.44	1100.00	199.74	9997.13	10196.87
180.000	10000.00	1133.37	1100.00	202.30	9995.85	10198.15
180.000	10000.00	1200.68	1100.00	205.52	9994.24	10199.76
180.000	10000.00	1269.48	1100.00	208.83	9992.59	10201.41
180.000	10000.00	1343.96	1100.00	212.51	9990.74	10203.26
180.000	10000.00	1421.65	1100.00	216.36	9988.82	10205.18
190.300	10000.00	1039.60	1030.00	229.20	9974.86	10204.06
190.300	10000.00	1088.79	1030.00	233.97	9972.28	10206.24
190.300	10000.00	1143.97	1030.00	239.63	9969.20	10208.83
190.300	10000.00	1204.53	1030.00	246.12	9965.68	10211.80
190.300	10000.00	1275.25	1030.00	254.33	9961.22	10215.55
190.300	10000.00	1347.64	1030.00	262.81	9956.62	10219.43
190.300	10000.00	1426.25	1030.00	272.29	9951.47	10223.76
190.300	10000.00	1508.34	1030.00	275.00	9950.00	10225.00
190.800	10000.00	1042.79	50.00	229.20	9974.87	10204.06
190.800	10000.00	1092.07	50.00	233.96	9972.28	10206.24
190.800	10000.00	1147.37	50.00	239.64	9969.20	10208.83
190.800	10000.00	1208.07	50.00	246.14	9965.67	10211.81
190.800	10000.00	1278.96	50.00	254.37	9961.20	10215.57
190.800	10000.00	1351.55	50.00	262.88	9956.58	10219.46
190.800	10000.00	1430.38	50.00	272.37	9951.43	10223.80
190.800	10000.00	1512.71	50.00	275.00	9950.00	10225.00
191.400	10000.00	1046.61	60.00	229.32	9974.80	10204.12
191.400	10000.00	1096.01	60.00	234.08	9972.21	10206.29
191.400	10000.00	1151.45	60.00	239.75	9969.14	10208.88
191.400	10000.00	1212.31	60.00	246.24	9965.61	10211.85
191.400	10000.00	1283.43	60.00	254.46	9961.15	10215.61
191.400	10000.00	1356.24	60.00	262.96	9956.54	10219.49
191.400	10000.00	1435.34	60.00	272.45	9951.39	10223.83
191.400	10000.00	1517.96	60.00	275.00	9950.00	10225.00
191.900	10000.00	1049.80	50.00	229.43	9974.74	10204.17
191.900	10000.00	1099.30	50.00	234.18	9972.16	10206.34
191.900	10000.00	1154.85	50.00	239.83	9969.09	10208.92
191.900	10000.00	1215.85	50.00	246.32	9965.57	10211.89
191.900	10000.00	1287.15	50.00	254.53	9961.11	10215.64
191.900	10000.00	1360.16	50.00	263.02	9956.51	10219.52
191.900	10000.00	1439.47	50.00	272.50	9951.36	10223.86
191.900	10000.00	1522.33	50.00	275.00	9950.00	10225.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
198.800	10000.00	1095.89	690.00	217.52	9997.24	10214.76
198.800	10000.00	1146.66	690.00	219.17	9996.41	10215.59
198.800	10000.00	1203.75	690.00	221.14	9995.43	10216.57
198.800	10000.00	1266.55	690.00	223.41	9994.29	10217.71
198.800	10000.00	1340.18	690.00	226.29	9992.86	10219.14
198.800	10000.00	1415.65	690.00	229.27	9991.36	10220.64
198.800	10000.00	1497.78	690.00	232.57	9989.71	10222.29
198.800	10000.00	1583.68	690.00	236.09	9987.96	10224.04
224.000	10000.00	1271.72	2520.00	215.53	9997.48	10213.01
224.000	10000.00	1326.74	2520.00	216.67	9996.67	10213.33
224.000	10000.00	1388.96	2520.00	218.04	9995.69	10213.73
224.000	10000.00	1457.72	2520.00	219.63	9994.55	10214.18
224.000	10000.00	1539.09	2520.00	221.69	9993.08	10214.77
224.000	10000.00	1622.65	2520.00	223.81	9991.57	10215.37
224.000	10000.00	1713.91	2520.00	226.20	9989.85	10216.06
224.000	10000.00	1809.55	2520.00	228.74	9988.04	10216.78

SUMMARY OF ERRORS AND SPECIAL NOTES

X1	26.700	17.000	9802.000	10127.000	670.000	670.000	670.000	.000	100.000	.000
X3	.000	-10.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.400	9220.000	2.700	9780.000	2.500	9790.000	1.600	9802.000	-1.100	9805.000
GR	-5.600	9850.000	-6.200	9950.000	-6.300	9956.000	-13.500	9972.000	-13.500	10057.000
GR	-6.000	10072.000	-6.100	10090.000	-3.800	10110.000	-.500	10125.000	1.300	10127.000
GR	1.500	10160.000	2.100	10480.000	.000	.000	.000	.000	.000	.000
X1	28.000	15.000	9929.000	10116.000	130.000	130.000	130.000	.000	100.000	.000
X3	.000	-11.100	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.200	9920.000	6.200	9920.000	5.100	9929.000	-.900	9935.000	-4.300	9952.000
GR	-13.500	9971.000	-13.500	10056.000	-6.900	10070.000	-6.600	10080.000	-2.600	10110.000
GR	-1.200	10113.000	1.800	10116.000	1.400	10143.000	1.400	10160.000	2.300	10300.000
QT	1.000	3735.000	.000	.000	.000	.000	.000	.000	.000	.000
65' BOTTOM WIDTH										
X1	30.700	16.000	9927.000	10080.000	270.000	270.000	270.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.900	9880.000	5.900	9880.000	7.000	9909.000	1.600	9920.000	1.300	9927.000
GR	-.500	9930.000	-3.500	9944.000	-13.500	9965.000	-13.500	10030.000	-8.200	10040.000
GR	-6.900	10050.000	-1.200	10076.000	1.900	10080.000	2.300	10094.000	5.800	10113.000
GR	8.900	10140.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
ACCESS ROAD - HWY 73 E.B. TO HWY 69 S.B. BRIDGE										
X1	32.100	19.000	121.000	351.000	130.000	130.000	130.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
BT	28.000	100.000	106.300	106.300	121.000	107.100	105.100	149.000	107.100	105.100
BT	149.000	107.100	96.300	151.000	107.100	96.000	151.000	107.100	105.100	176.000
BT	107.100	105.100	176.000	107.100	91.300	178.000	107.100	91.100	178.000	107.100
BT	105.100	204.000	107.100	105.100	204.000	107.100	86.500	206.000	107.100	86.500
BT	206.000	107.100	105.100	233.000	107.100	105.100	233.000	107.100	86.500	235.000
BT	107.100	86.500	235.000	107.100	105.100	261.000	107.100	105.100	261.000	107.100
BT	91.700	263.000	107.100	92.000	263.000	107.100	105.100	289.000	107.100	105.100
BT	289.000	107.100	97.500	291.000	107.100	97.600	291.000	107.100	105.100	318.000
BT	107.100	105.100	351.000	106.400	106.400	.000	.000	.000	.000	.000
GR	6.300	100.000	5.800	121.000	.800	128.000	-3.700	149.000	-4.000	151.000
GR	-8.700	176.000	-8.900	178.000	-13.500	187.000	-13.500	204.000	-13.500	206.000
GR	-13.500	233.000	-13.500	235.000	-13.500	252.000	-8.300	261.000	-8.000	263.000
GR	-2.500	289.000	-2.400	291.000	5.800	318.000	6.400	351.000	.000	.000
X1	32.700	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
X1	33.300	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
DOWNSTREAM FACE OF HWY 69 BRIDGE										
X1	35.450	16.000	130.000	286.000	215.000	215.000	215.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
BT	24.000	100.000	105.500	105.500	130.000	105.800	103.800	154.000	105.800	103.800
BT	154.000	105.800	97.300	156.000	105.800	97.100	156.000	105.800	103.800	179.000
BT	105.800	103.800	179.000	105.800	86.500	181.000	105.800	86.500	181.000	105.800

BT	103.800	204.000	105.800	103.800	204.000	105.800	86.500	206.000	105.800	86.500
BT	206.000	105.800	103.800	229.000	105.800	103.800	229.000	105.800	86.500	231.000
BT	105.800	86.500	231.000	105.800	103.800	254.000	105.800	103.800	254.000	105.800
BT	87.000	256.000	105.800	97.200	256.000	105.800	103.800	266.000	105.800	103.800
BT	303.000	105.500	105.500	.000	.000	.000	.000	.000	.000	.000
GR	5.500	100.000	5.000	130.000	-2.700	154.000	-2.900	156.000	-13.500	176.000
GR	-13.500	179.000	-13.500	181.000	-13.500	204.000	-13.500	206.000	-13.500	229.000
GR	-13.500	231.000	-13.500	240.000	-13.000	254.000	-2.800	256.000	5.000	266.000
GR	5.500	303.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	36.150	.000	.000	.000	70.000	70.000	70.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

X1	37.500	10.000	9933.000	10061.000	135.000	135.000	135.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.300	9905.000	4.300	9915.000	2.300	9933.000	-.700	9935.000	-1.500	9940.000
GR	-13.500	9965.000	-13.500	10030.000	1.500	10061.000	2.400	10140.000	4.000	10250.000

ACCESS ROAD - HWY 69 N.B. TO HWY 73 E.B. BRIDGE

X1	38.600	14.000	120.000	260.000	110.000	110.000	110.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
BT	20.000	100.000	107.000	107.000	120.000	107.900	105.900	147.000	107.900	105.900
BT	147.000	107.900	93.000	149.000	107.900	92.600	149.000	107.900	105.900	175.000
BT	107.900	105.900	175.000	107.900	86.500	177.000	107.900	86.500	177.000	107.900
BT	105.900	203.000	107.900	105.900	203.000	107.900	86.500	205.000	107.900	86.500
BT	205.000	107.900	105.900	231.000	107.900	105.900	231.000	107.900	91.900	233.000
BT	107.900	92.200	233.000	107.900	105.900	260.000	107.900	105.900	284.000	107.000
BT	107.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	100.000	7.000	120.000	-7.000	147.000	-7.400	149.000	-13.500	159.000
GR	-13.500	175.000	-13.500	177.000	-13.500	203.000	-13.500	205.000	-13.500	224.000
GR	-8.100	231.000	-7.800	233.000	7.000	260.000	7.000	284.000	.000	.000

X1	39.200	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

X1	39.800	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	45.000	13.000	9942.000	10070.000	520.000	520.000	520.000	.000	100.000	.000
X3	.000	-11.300	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9855.000	2.100	9895.000	.100	9935.000	2.100	9937.000	2.200	9942.000
GR	-.500	9944.000	-2.200	9950.000	-13.400	9974.000	-13.400	10039.000	1.900	10070.000
GR	1.900	10080.000	2.400	10259.000	5.000	10269.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	50.000	14.000	120.000	261.000	500.000	500.000	500.000	.000	100.000	.000
X3	.000	-12.200	.000	.000	.000	.000	.000	.000	.000	.000
GR	9.000	100.000	9.000	120.000	-6.500	147.000	-7.000	149.000	-13.300	159.000
GR	-13.300	175.000	-13.300	177.000	-13.300	203.000	-13.300	205.000	-13.300	224.000
GR	-8.000	231.000	-7.500	233.000	9.000	261.000	9.000	277.000	.000	.000

HWY 73 - EAST BOUND BRIDGE

X1	51.200	.000	.000	.000	120.000	120.000	120.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	20.000	100.000	109.000	109.000	120.000	109.000	107.000	147.000	109.000	107.000
BT	147.000	109.000	93.500	149.000	109.000	93.000	149.000	109.000	107.000	175.000
BT	109.000	107.000	175.000	109.000	86.700	177.000	109.000	86.700	177.000	109.000
BT	107.000	203.000	109.000	107.000	203.000	109.000	86.700	205.000	109.000	86.700
BT	205.000	109.000	107.000	231.000	109.000	107.000	231.000	109.000	92.000	233.000
BT	109.000	92.500	233.000	109.000	107.000	261.000	109.000	107.000	277.000	109.000
BT	109.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	51.700	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	51.950	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000

HWY 73 - WEST BOUND BRIDGE

X1	52.200	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	20.000	100.000	109.000	109.000	120.000	109.000	107.000	147.000	109.000	107.000
BT	147.000	109.000	93.500	149.000	109.000	93.000	149.000	109.000	107.000	175.000
BT	109.000	107.000	175.000	109.000	86.700	177.000	109.000	86.700	177.000	109.000
BT	107.000	203.000	109.000	107.000	203.000	109.000	86.700	205.000	109.000	86.700
BT	205.000	109.000	107.000	231.000	109.000	107.000	231.000	109.000	92.000	233.000
BT	109.000	92.500	233.000	109.000	107.000	261.000	109.000	107.000	277.000	109.000
BT	109.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	52.700	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	53.700	10.000	9940.000	10068.000	100.000	100.000	100.000	.000	100.000	.000
X3	.000	-10.900	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9890.000	5.000	9890.000	4.000	9906.000	2.600	9922.000	1.800	9940.000
GR	-13.300	9971.000	-13.300	10036.000	2.400	10068.000	3.000	10086.000	3.600	10094.000

X1	79.000	9.000	9930.000	10060.000	2530.000	2530.000	2530.000	.000	100.000	.000
X3	.000	-10.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9880.000	5.000	9880.000	2.500	9930.000	-1.000	9932.000	-1.700	9937.000
GR	-13.000	9960.000	-13.000	10025.000	4.000	10060.000	5.000	10070.000	.000	.000

BT	1.000	2495.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

45' BOTTOM WIDTH

X1	83.000	9.000	9941.000	10052.000	400.000	400.000	400.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9875.000	2.400	9890.000	2.000	9920.000	3.000	9941.000	-1.200	9944.000
GR	-6.000	9960.000	-13.000	9975.000	-13.000	10020.000	4.500	10052.000	.000	.000

X1	83.450	.000	.000	.000	45.000	45.000	45.000	.000	.000	.000
DOWNSTREAM FACE OF 9-TH AVENUE BRIDGE										
X1	83.950	7.000	925.000	1075.000	50.000	50.000	50.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.550	920.000	9.800	925.000	-10.300	997.500	-10.300	1022.500	7.500	1057.500
GR	7.400	1075.000	12.200	1080.000	.000	.000	.000	.000	.000	.000
SB	1.050	1.560	2.600	.000	45.000	1.300	1725.000	3.000	89.700	89.700
UPSTREAM FACE OF 9-TH AVENUE BRIDGE										
X1	84.500	.000	.000	.000	55.000	55.000	55.000	.000	.000	.000
X2	.000	.000	1.000	108.400	113.950	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	920.000	114.550	114.550	925.000	114.550	109.800	1075.000	112.200	107.400
BT	1080.000	112.200	112.200	.000	.000	.000	.000	.000	.000	.000
X1	85.000	7.000	925.000	1057.500	50.000	50.000	50.000	.000	100.000	.000
GR	3.000	920.000	3.000	925.000	-10.300	977.500	-10.300	1022.500	3.000	1057.500
GR	3.000	1075.000	3.000	1080.000	.000	.000	.000	.000	.000	.000
X1	101.800	15.000	9955.000	10062.000	1580.000	1680.000	1680.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9520.000	2.000	9580.000	1.200	9920.000	1.300	9935.000	3.000	9947.000
GR	2.300	9955.000	-1.200	9960.000	-2.500	9964.000	-12.900	9984.000	-12.900	10029.000
GR	3.200	10062.000	3.300	10091.000	2.800	10111.000	2.000	10551.000	3.000	10730.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	103.100	.000	.000	.000	130.000	130.000	130.000	.000	.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	103.110	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	102.600	103.300	.000	.000	.000	.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	103.130	.000	.000	.000	2.000	2.000	2.000	.000	.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GSU PIPELINE CROSSING										
X1	103.700	15.000	115.000	250.000	60.000	60.000	60.000	.000	100.000	.000
X3	.000	-10.900	.000	.000	.000	.000	.000	.000	.000	.000
BT	27.000	100.000	106.200	106.200	115.000	106.100	106.100	130.000	105.400	104.800
BT	130.000	105.400	95.200	131.000	105.400	96.000	131.000	105.400	104.800	150.000
BT	105.400	104.800	150.000	105.400	87.200	151.000	105.400	87.200	151.000	105.400
BT	104.800	170.000	105.400	104.800	170.000	105.400	87.200	171.000	105.400	87.200
BT	171.000	105.400	104.800	190.000	105.400	104.800	190.000	105.400	87.200	191.000
BT	105.400	87.200	191.000	105.400	104.800	210.000	105.400	104.800	210.000	105.400
BT	95.200	211.000	105.400	95.400	211.000	105.400	104.800	230.000	105.400	104.800
BT	230.000	105.400	103.000	231.000	105.400	103.200	231.000	105.400	104.800	250.000
BT	105.400	105.400	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.200	100.000	5.100	115.000	-3.800	130.000	-4.000	131.000	-12.800	150.000
GR	-12.800	151.000	-12.800	170.000	-12.800	171.000	-12.800	190.000	-12.800	191.000
GR	-4.800	210.000	-4.600	211.000	3.000	230.000	3.200	231.000	5.200	250.000

X1	103.800	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-9.800	.000	.000	.000	.000	.000	.000	.000	.000
X1	104.000	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X3	.000	-9.800	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	119.000	14.000	9943.000	10046.000	1660.000	1300.000	1500.000	.000	100.000	.000
X3	.000	-8.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	10.800	9897.000	10.800	9904.000	9.500	9907.000	2.000	9918.000	2.000	9943.000
GR	-.500	9946.000	-2.000	9951.000	-12.500	9972.000	-12.500	10017.000	2.300	10046.000
GR	2.500	10100.000	1.900	10115.000	1.900	10126.000	5.000	10176.000	.000	.000
BT	1.000	2260.000	.000	.000	.000	.000	.000	.000	.000	.000
35' BOTTOM WIDTH										
X1	123.000	14.000	9943.000	10036.000	400.000	400.000	400.000	.000	100.000	.000
X3	.000	-8.300	.000	.000	.000	.000	.000	.000	.000	.000
GR	10.500	9890.000	10.700	9898.000	2.100	9918.000	2.000	9943.000	-.400	9946.000
GR	-1.600	9950.000	-12.500	9972.000	-12.500	10007.000	2.000	10036.000	1.600	10062.000
GR	1.900	10101.000	1.900	10120.000	3.000	10150.000	4.000	10170.000	.000	.000
X1	131.800	.000	.000	.000	880.000	880.000	880.000	.000	.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	131.810	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	104.800	105.800	.000	.000	.000	.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000
STEIN RD AND NUMEROUS PIPELINES										
X1	132.000	19.000	122.000	231.000	20.000	20.000	20.000	.000	100.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	30.000	122.000	103.600	102.200	133.000	103.600	102.200	133.000	103.600	99.300
BT	134.000	103.600	99.100	134.000	103.600	102.200	147.000	103.600	102.200	147.000
BT	103.600	94.000	148.000	103.600	93.600	148.000	103.600	102.200	161.000	103.600
BT	102.200	161.000	103.600	87.500	162.000	103.600	87.500	162.000	103.600	102.200
BT	175.000	103.600	102.200	175.000	103.600	87.500	175.000	103.600	87.500	175.000
BT	103.600	102.200	189.000	103.600	102.200	189.000	103.600	87.500	190.000	103.600
BT	87.500	190.000	103.600	102.200	203.000	103.600	102.200	203.000	103.600	92.500
BT	204.000	103.600	92.900	204.000	103.600	102.200	217.000	103.600	102.200	217.000
BT	103.600	99.000	218.000	103.600	99.400	218.000	103.600	102.200	231.000	103.600
BT	102.200	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	100.000	5.500	122.000	-.700	133.000	-.900	134.000	-6.000	147.000
GR	-6.400	148.000	-12.500	161.000	-12.500	162.000	-12.500	175.000	-12.500	176.000
GR	-12.500	189.000	-12.500	190.000	-7.500	203.000	-7.100	204.000	-1.000	217.000
GR	-.600	218.000	2.200	231.000	5.000	232.000	6.000	250.000	.000	.000

X1	132.150	.000	.000	.000	15.000	15.000	15.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	132.800	.000	.000	.000	65.000	65.000	65.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	132.810	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	104.700	107.200	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	132.900	.000	.000	.000	9.000	9.000	9.000	.000	.000	.000
X2	.000	.000	.000	104.700	107.200	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	140.300	10.000	9952.000	10055.000	740.000	740.000	740.000	.000	100.000	.000
X3	.000	-8.100	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.400	9924.000	4.200	9927.000	4.300	9952.000	-12.300	9966.000	-12.300	10022.000
GR	4.300	10055.000	4.400	10073.000	9.400	10076.000	9.500	10078.000	7.500	10089.000

PIPELINE CROSSING

X1	146.500	.000	.000	.000	620.000	620.000	620.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	146.510	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	107.800	108.600	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	146.550	.000	.000	.000	4.000	4.000	4.000	.000	.000	.000
X2	.000	.000	.000	107.800	108.600	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	146.600	.000	.000	.000	5.000	5.000	5.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	157.300	9.000	9952.000	10051.000	800.000	1320.000	1070.000	.000	100.000	.000
X3	.000	-7.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9918.000	3.900	9928.000	3.900	9952.000	-12.300	9985.000	-12.300	10020.000
GR	3.200	10051.000	3.300	10086.000	4.000	10096.000	5.000	10116.000	.000	.000
X1	165.700	9.000	9959.000	10061.000	840.000	840.000	840.000	.000	100.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9920.000	5.000	9920.000	4.000	9940.000	3.900	9959.000	-12.300	9992.000
GR	-12.300	10027.000	4.800	10061.000	4.900	10087.000	6.000	10107.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000

KCS RAILROAD BRIDGE

X1	166.950	22.000	100.000	207.000	125.000	125.000	125.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	42.000	100.000	108.500	105.100	107.000	108.500	105.100	107.000	108.500	105.100
BT	108.000	108.500	105.100	108.000	108.500	105.100	117.000	108.500	105.100	117.000
BT	108.500	99.300	118.000	108.500	98.900	118.000	108.500	105.100	127.000	108.500

HWY 347 - WEST BOUND BRIDGE

X1	174.950	.000	.000	.000	15.000	15.000	15.000	.000	.000	.000
X3	.000	-11.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	10.000	100.000	107.300	105.500	143.000	107.300	105.500	143.000	107.300	90.500
BT	145.000	107.300	90.200	145.000	107.300	105.500	184.000	107.300	105.500	184.000
BT	107.300	90.200	186.000	107.300	90.500	186.000	107.300	105.500	243.000	107.300
BT	105.500	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	175.350	.000	.000	.000	40.000	40.000	40.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	175.000	5.000	9941.000	10033.000	65.000	65.000	65.000	.000	100.000	.000
X3	.000	-7.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.500	9941.000	-12.100	9972.000	-12.100	10007.000	3.700	10033.000	7.700	10084.000

X1	180.000	9.000	9949.000	10052.000	500.000	500.000	500.000	.000	100.000	.000
X3	.000	-7.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.000	9922.000	6.000	9922.000	4.700	9924.000	4.700	9949.000	-12.100	9983.000
GR	-12.100	10018.000	4.500	10052.000	4.700	10075.000	5.000	10091.000	.000	.000

CONFLUENCE OF LATERAL A-3 TRIBUTARY

X1	198.000	7.000	9946.000	10040.000	1880.000	1740.000	1800.000	.000	100.000	.000
X3	.000	-6.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	9946.000	-8.800	9978.000	-8.800	10013.000	4.700	10040.000	4.800	10060.000
GR	4.300	10080.000	5.000	10105.000	.000	.000	.000	.000	.000	.000

BT	1.000	1310.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

18' BOTTOM WIDTH

X1	202.000	7.000	9964.000	10038.000	400.000	400.000	400.000	.000	100.000	.000
X3	.000	-6.100	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.000	9964.000	-8.500	9993.000	-8.500	10011.000	5.000	10038.000	5.000	10062.000
GR	5.500	10063.000	6.000	10067.000	.000	.000	.000	.000	.000	.000

B. P. EASTERN PIPELINE CROSSING

X1	227.700	7.000	9978.000	10042.000	2570.000	2570.000	2570.000	.000	100.000	.000
GR	8.000	9960.000	8.200	9970.000	7.700	9978.000	-4.000	9998.000	-4.000	10016.000
GR	10.000	10042.000	10.100	10066.000	.000	.000	.000	.000	.000	.000

X1	227.710	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	105.800	107.800	.000	.000	.000	.000	.000

X1	227.900	.000	.000	.000	19.000	19.000	19.000	.000	.000	.000
X2	.000	.000	.000	105.800	107.800	.000	.000	.000	.000	.000

X1	228.100	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
----	---------	------	------	------	--------	--------	--------	------	------	------

DOWNSTREAM FACE OF 4-60" RCP CULVERTS UNDER LNVA CANAL

X1	270.050	.000	.000	.000	5.000	5.000	5.000	.000	.000	.000
BT	30.000	978.700	111.200	111.200	985.500	111.200	104.400	985.000	111.200	105.800
BT	987.000	111.200	106.600	988.000	111.200	106.900	989.000	111.200	106.600	990.000
BT	111.200	105.800	990.500	111.200	104.400	993.500	111.200	103.700	994.000	111.200
BT	105.200	995.000	111.200	105.900	996.000	111.200	106.200	997.000	111.200	105.500
BT	998.000	111.200	105.200	998.500	111.200	103.700	1002.500	111.200	103.900	1003.000
BT	111.200	105.300	1004.000	111.200	106.200	1005.000	111.200	106.400	1006.000	111.200
BT	106.200	1007.000	111.200	105.300	1007.500	111.200	103.900	1009.500	111.200	103.700
BT	1010.000	111.200	105.200	1011.000	111.200	105.900	1012.000	111.200	106.200	1013.000
BT	111.200	105.900	1014.000	111.200	105.200	1014.500	111.200	103.700	1022.000	111.200
BT	111.200	.000	.000	.000	.000	.000	.000	.000	.000	.000

UPSTREAM FACE OF 4-60" RCP CULVERTS UNDER LNVA CANAL

X1	270.950	.000	.000	.000	90.000	90.000	90.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

DOWNSTREAM SIDE OF JUNCTION BOX AT HWY 366

X1	270.960	6.000	983.000	1017.000	1.000	1.000	1.000	.000	100.000	.000
BT	2.000	983.000	114.100	110.200	1017.000	114.100	110.200	.000	.000	.000
GR	14.100	970.000	14.100	983.000	1.200	983.000	1.200	1017.000	14.100	1017.000
GR	14.100	1030.000	.000	.000	.000	.000	.000	.000	.000	.000

UPSTREAM SIDE OF JUNCTION BOX AT HWY 366

X1	271.140	.000	.000	.000	18.000	18.000	18.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

BT	1.000	450.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

DOWNSTREAM END OF HWY 366 CULVERT

X1	271.150	10.000	983.000	1017.000	1.000	1.000	1.000	.000	100.000	.000
BT	10.000	983.000	114.100	102.500	992.500	114.100	102.500	992.500	114.100	108.500
BT	999.500	114.100	108.500	999.500	114.100	102.500	1000.500	114.100	102.500	1000.500
BT	114.100	108.500	1007.500	114.100	108.500	1007.500	114.100	102.500	1017.000	114.100
BT	102.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.100	970.000	14.100	983.000	2.500	983.000	2.500	992.500	2.500	999.500
GR	2.500	1000.500	2.500	1007.500	2.500	1017.000	14.100	1017.000	14.100	1030.000

UPSTREAM FACE OF HWY 366 CULVERT

X1	271.900	8.000	975.900	1024.100	75.000	75.000	75.000	.000	100.000	.000
BT	12.000	970.000	114.100	114.100	975.900	114.100	111.200	992.500	114.400	102.900
BT	992.500	114.100	108.900	999.500	114.100	108.900	999.500	114.100	102.900	1000.500
BT	114.100	102.900	1000.500	114.100	108.900	1007.500	114.100	108.900	1007.500	114.100
BT	102.900	1024.100	114.100	111.200	1030.000	114.100	114.100	.000	.000	.000
GR	14.100	970.000	11.200	975.900	2.900	992.500	2.900	999.500	2.900	1000.500
GR	2.900	1007.500	11.200	1024.100	14.100	1030.000	.000	.000	.000	.000

X1	271.910	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
----	---------	------	------	------	-------	-------	-------	------	------	------

X1	272.900	8.000	985.000	1015.000	100.000	100.000	100.000	.000	100.000	.000
GR	11.200	970.000	11.200	984.000	10.810	985.000	4.810	997.000	4.810	1003.000
GR	10.810	1015.000	11.200	1016.000	11.200	1030.000	.000	.000	.000	.000

CONFLUENCE OF LATERAL A-6 TRIBUTARY

X1	298.900	8.000	985.000	1015.000	2600.000	2600.000	2600.000	.000	100.000	.000
GR	13.410	970.000	13.410	983.000	12.370	985.000	6.370	997.000	6.370	1003.000
GR	12.370	1015.000	13.410	1017.000	13.410	1030.000	.000	.000	.000	.000

QT	1.000	65.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	--------	------	------	------	------	------	------	------	------

UPSTREAM END OF MAIN "A" -- 70' SOUTH OF MERRIMAN STREET

X1	306.400	8.000	988.000	1012.000	700.000	700.000	750.000	.000	100.000	.000
GR	12.610	970.000	12.610	987.000	11.970	988.000	6.970	998.000	6.970	1002.000
GR	11.970	1012.000	12.610	1013.000	12.610	1030.000	.000	.000	.000	.000

QT	1.000	2130.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

LATERAL A-3 TRIBUTARY

X1	-198.000	7.000	9946.000	10040.000	.000	.000	.000	.000	100.000	.000
X3	.000	-6.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	9946.000	-8.800	9978.000	-8.800	10013.000	4.700	10040.000	4.800	10060.000
GR	4.300	10080.000	5.000	10105.000	.000	.000	.000	.000	.000	.000

NC	.100	.100	.040	.000	.000	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

QT	1.000	820.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

X1	.000	6.000	978.250	1023.000	95.000	95.000	95.000	.000	100.000	.000
----	------	-------	---------	----------	--------	--------	--------	------	---------	------

GR	3.750	975.000	3.750	978.250	-4.740	995.000	-4.740	1005.000	4.210	1023.000
----	-------	---------	-------	---------	--------	---------	--------	----------	-------	----------

GR	5.710	1033.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

X1	9.000	6.000	977.250	1021.500	900.000	900.000	900.000	.000	100.000	.000
----	-------	-------	---------	----------	---------	---------	---------	------	---------	------

GR	4.910	975.000	4.910	977.250	-3.940	995.000	-3.940	1005.000	4.210	1021.500
----	-------	---------	-------	---------	--------	---------	--------	----------	-------	----------

GR	5.310	1031.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

NC	.100	.100	.015	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	17.000	6.000	985.500	1014.500	800.000	800.000	800.000	.000	100.000	.000
----	--------	-------	---------	----------	---------	---------	---------	------	---------	------

GR	4.710	973.000	3.610	985.500	-3.140	993.500	-3.140	1006.000	3.610	1014.500
----	-------	---------	-------	---------	--------	---------	--------	----------	-------	----------

GR	5.310	1027.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

DOWNSTREAM FACE OF SPUR 136 & KCS RR BRIDGES -- LATERAL A-3

X1	17.550	.000	.000	.000	55.000	55.000	55.000	.000	.050	.000
----	--------	------	------	------	--------	--------	--------	------	------	------

X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
----	--------	------	------	------	------	------	------	------	------	------

SB	1.050	1.560	2.600	.000	12.500	3.500	167.400	1.250	96.600	96.700
----	-------	-------	-------	------	--------	-------	---------	-------	--------	--------

UPSTREAM FACE OF SPUR 136 & KCS RR BRIDGES -- LATERAL A-3

X1	18.300	.000	.000	.000	75.000	75.000	75.000	.000	.075	.000
----	--------	------	------	------	--------	--------	--------	------	------	------

X2	.000	.000	1.000	106.500	109.000	.000	.000	.000	.000	.000
----	------	------	-------	---------	---------	------	------	------	------	------

X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
----	--------	------	------	------	------	------	------	------	------	------

BT	3.000	970.000	109.000	106.500	1000.000	109.000	106.500	1030.000	109.000	106.500
----	-------	---------	---------	---------	----------	---------	---------	----------	---------	---------

X1	43.000	7.000	990.500	1009.700	825.000	825.000	825.000	.000	100.000	.000
GR	8.210	980.000	8.110	985.000	5.710	990.500	1.260	997.000	1.260	1003.000
GR	5.710	1009.700	9.210	1015.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	49.000	8.000	990.300	1009.700	600.000	600.000	600.000	.000	100.000	.000
GR	8.810	980.000	8.310	986.500	6.310	990.300	1.860	997.000	1.860	1003.000
GR	6.410	1009.700	8.410	1012.700	9.110	1017.000	.000	.000	.000	.000
X1	49.900	18.000	993.250	1004.750	90.000	90.000	90.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	8.330	985.000	8.330	993.250	4.210	993.250	3.210	993.500	2.310	994.500
GR	1.960	995.500	2.310	996.500	3.210	997.500	4.210	997.750	4.210	1000.250
GR	3.210	1000.500	2.310	1001.500	1.960	1002.500	2.310	1003.500	3.210	1004.500
GR	4.210	1004.750	8.330	1004.750	8.330	1015.000	.000	.000	.000	.000
DOWNSTREAM FACE OF GEORGIA AVENUE CULVERT -- LATERAL A-3										
X1	50.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
BT	16.000	985.000	108.330	108.330	993.250	108.330	104.210	993.500	108.330	105.060
BT	994.500	108.330	106.110	995.500	108.330	106.460	996.500	108.330	106.110	997.500
BT	108.330	105.080	997.750	108.330	104.210	1000.250	108.330	104.210	1000.500	108.330
BT	105.060	1001.500	108.330	106.110	1002.500	108.330	106.460	1003.500	108.330	105.110
BT	1004.500	108.330	105.080	1004.750	108.330	104.210	1015.000	108.330	108.330	.000
UPSTREAM FACE OF GEORGIA AVENUE CULVERT -- LATERAL A-3										
X1	50.400	.000	.000	.000	40.000	40.000	40.000	.000	.040	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	50.500	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	51.500	8.000	991.000	1009.000	100.000	100.000	100.000	.000	100.000	.000
GR	8.300	976.000	7.800	988.000	6.700	991.000	2.100	998.000	2.100	1002.000
GR	6.700	1009.000	8.000	1011.000	9.000	1024.000	.000	.000	.000	.000
X1	56.500	8.000	991.250	1008.750	500.000	500.000	500.000	.000	100.000	.000
GR	8.500	975.000	8.200	988.500	7.100	991.250	2.600	998.000	2.600	1002.000
GR	7.100	1008.750	8.400	1012.000	8.500	1020.000	.000	.000	.000	.000
X1	66.500	8.000	991.250	1008.750	1000.000	1065.000	1000.000	.000	100.000	.000
GR	9.600	983.000	9.000	989.500	8.100	991.250	3.600	998.000	3.600	1002.000
GR	8.100	1008.750	8.200	1010.000	10.000	1021.500	.000	.000	.000	.000
X1	69.500	8.000	991.250	1008.750	320.000	250.000	300.000	.000	100.000	.000
GR	8.900	978.000	8.700	990.000	8.500	991.250	3.900	998.000	3.900	1002.000
GR	8.500	1008.750	8.800	1016.000	10.000	1020.000	.000	.000	.000	.000
X1	72.500	8.000	991.300	1008.800	280.000	375.000	300.000	.000	100.000	.000
GR	9.000	986.500	8.900	990.000	8.700	991.300	4.200	998.000	4.200	1002.000
GR	8.800	1008.800	9.500	1010.000	10.000	1017.000	.000	.000	.000	.000

UPSTREAM END OF LATERAL A-3

X1	79.500	8.000	991.000	1009.000	710.000	620.000	700.000	.000	100.000	.000
GR	12.000	974.000	11.300	979.500	9.400	991.000	4.900	998.000	4.900	1002.000
GR	9.400	1009.000	11.500	1011.000	11.500	1017.000	.000	.000	.000	.000

BT	1.000	480.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

LATERAL A-3-A SUB-TRIBUTARY - 6' BOTTOM WIDTH

X1	-33.000	6.000	987.700	1012.000	.000	.000	.000	.000	100.000	.000
GR	6.310	985.000	5.210	987.700	-7.740	995.000	-7.740	1005.000	5.210	1012.000
GR	4.910	1020.000	.000	.000	.000	.000	.000	.000	.000	.000

BT	1.000	240.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

X1	.000	6.000	989.500	1010.500	1.000	1.000	195.000	.000	100.000	.000
GR	5.410	988.500	4.710	989.500	-2.290	997.000	-2.290	1003.000	4.710	1010.500
GR	5.410	1011.500	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	6.400	8.000	989.500	1010.500	640.000	640.000	640.000	.000	100.000	.000
GR	8.010	981.000	7.310	987.500	5.160	989.500	.020	997.000	.020	1003.000
GR	5.160	1010.500	7.210	1013.500	7.110	1015.500	.000	.000	.000	.000

X1	7.100	17.000	992.000	1008.000	70.000	10.000	40.000	.000	100.000	.000
----	-------	--------	---------	----------	--------	--------	--------	------	---------	------

X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
----	--------	------	------	------	------	------	------	------	------	------

GR	8.910	980.000	8.910	991.000	4.620	992.000	-8.880	992.000	-8.880	996.500
----	-------	---------	-------	---------	-------	---------	--------	---------	--------	---------

GR	4.620	996.500	2.120	998.000	1.120	999.000	.120	1000.000	1.120	1001.000
----	-------	---------	-------	---------	-------	---------	------	----------	-------	----------

GR	2.120	1002.000	4.620	1003.500	-8.880	1003.500	-8.880	1008.000	4.620	1008.000
----	-------	----------	-------	----------	--------	----------	--------	----------	-------	----------

GR	8.910	1009.000	8.910	1020.000	.000	.000	.000	.000	.000	.000
----	-------	----------	-------	----------	------	------	------	------	------	------

DOWNSTREAM FACE OF KCS RAILROAD CULVERT -- LATERAL A-3-A

X1	7.120	.000	.000	.000	2.000	2.000	2.000	.000	.000	.000
----	-------	------	------	------	-------	-------	-------	------	------	------

BT	11.000	991.000	108.910	108.910	992.000	108.910	104.620	996.500	108.910	104.620
----	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

BT	998.000	108.910	102.120	999.000	108.910	103.120	1000.000	108.910	104.120	1001.000
----	---------	---------	---------	---------	---------	---------	----------	---------	---------	----------

BT	108.910	103.120	1002.000	108.910	102.120	1003.500	108.910	104.620	1008.000	108.910
----	---------	---------	----------	---------	---------	----------	---------	---------	----------	---------

BT	104.620	1009.000	108.910	108.910	.000	.000	.000	.000	.000	.000
----	---------	----------	---------	---------	------	------	------	------	------	------

UPSTREAM FACE OF KCS RAILROAD CULVERT -- LATERAL A-3-A

X1	7.420	.000	.000	.000	30.000	30.000	30.000	.000	.000	.000
----	-------	------	------	------	--------	--------	--------	------	------	------

X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
----	------	------	------	------	------	------	-------	------	------	------

X1	7.450	.000	.000	.000	3.000	3.000	3.000	.000	.000	.000
----	-------	------	------	------	-------	-------	-------	------	------	------

X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
----	--------	------	------	------	------	------	------	------	------	------

X1	7.750	9.000	989.500	1010.500	30.000	30.000	30.000	.000	100.000	.000
----	-------	-------	---------	----------	--------	--------	--------	------	---------	------

GR	8.410	979.000	7.510	984.000	7.210	986.500	5.310	989.500	.120	997.000
----	-------	---------	-------	---------	-------	---------	-------	---------	------	---------

GR	.120	1003.000	5.210	1010.500	7.210	1013.500	7.710	1015.000	.000	.000
----	------	----------	-------	----------	-------	----------	-------	----------	------	------

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	9.500	8.000	989.500	1010.500	175.000	175.000	175.000	.000	100.000	.000
----	-------	-------	---------	----------	---------	---------	---------	------	---------	------

GR	7.510	979.000	7.310	986.500	5.210	989.500	.200	997.000	.200	1000.300
----	-------	---------	-------	---------	-------	---------	------	---------	------	----------

GR	5.210	1010.500	7.410	1013.500	7.450	1014.000	.000	.000	.000	.000
----	-------	----------	-------	----------	-------	----------	------	------	------	------

X1	9.780	18.000	994.000	1005.500	28.000	28.000	28.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.600	980.000	7.600	994.000	2.230	994.000	.800	994.500	.000	995.500
GR	-.270	996.500	.000	997.500	.800	998.500	2.230	999.000	2.230	1000.500
GR	.800	1001.000	.000	1002.000	-.270	1003.000	.000	1004.000	.800	1005.000
GR	2.230	1005.500	7.600	1005.500	7.600	1015.000	.000	.000	.000	.000

DOWNSTREAM FACE OF 2-60" CULVERT -- LATERAL A-3-A

X1	9.790	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	18.000	980.000	107.600	107.600	994.000	107.600	107.600	994.000	107.600	102.230
BT	994.500	107.600	103.800	995.500	107.600	104.600	996.500	107.600	104.730	997.500
BT	107.600	104.600	998.500	107.600	103.800	999.000	107.600	102.230	1000.500	107.600
BT	102.230	1001.000	107.600	103.800	1002.000	107.600	104.600	1003.000	107.600	104.730
BT	1004.000	107.600	104.600	1005.000	107.600	103.800	1005.500	107.600	102.230	1005.500
BT	107.600	107.600	1015.000	107.600	107.600	.000	.000	.000	.000	.000

UPSTREAM FACE OF 2-60" CULVERT -- LATERAL A-3-A

X1	10.000	.000	.000	.000	21.000	21.000	21.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

X1	10.010	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	10.250	8.000	989.500	1010.500	24.000	24.000	24.000	.000	100.000	.000
GR	7.610	979.000	7.310	986.500	5.230	989.500	.220	997.000	.220	1003.000
GR	5.230	1010.500	7.410	1013.500	7.450	1014.000	.000	.000	.000	.000

X1	18.000	7.000	989.500	1010.400	775.000	775.000	775.000	.000	100.000	.000
GR	7.210	979.000	6.210	982.000	5.710	989.500	.620	997.000	.620	1003.000
GR	5.510	1010.400	5.710	1014.000	.000	.000	.000	.000	.000	.000

X1	26.000	8.000	989.500	1010.500	800.000	800.000	800.000	.000	100.000	.000
GR	6.810	981.500	6.610	988.500	6.010	989.500	1.020	997.000	1.020	1003.000
GR	5.810	1010.500	6.010	1011.500	6.010	1014.000	.000	.000	.000	.000

QT	1.000	120.000	.000	.000	.000	.000	.000	.000	.000	.000
6' BOTTOM WIDTH										
X1	31.650	7.000	989.500	1010.500	565.000	565.000	565.000	.000	100.000	.000
GR	7.510	983.500	7.310	987.000	6.210	989.500	1.270	997.000	1.270	1003.000
GR	6.310	1010.500	7.010	1013.000	.000	.000	.000	.000	.000	.000

5' BOTTOM WIDTH

X1	32.000	7.000	991.500	1008.500	35.000	35.000	35.000	.000	100.000	.000
GR	7.510	983.500	7.310	987.000	5.210	991.500	1.320	997.500	1.320	1002.500
GR	5.010	1008.500	7.010	1013.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	33.150	7.000	991.500	1008.500	115.000	115.000	115.000	.000	100.000	.000
GR	7.510	983.500	7.310	987.000	5.210	991.500	1.320	997.500	1.320	1002.500
GR	5.010	1008.500	7.010	1013.000	.000	.000	.000	.000	.000	.000

THIS RUN EXECUTED 04/10/90 11:04:51

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

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

MAIN "A"& LATERAL A-3 --

SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10X*8	VCH	HV	Q	QLOB	QCH	QROB
.000	100.10	.00	.00	.00	4.80	3.65	.21	4975.00	1.79	4973.21	.00
.000	101.00	.90	.00	.00	3.65	3.34	.17	4975.00	4.08	4970.92	.00
.000	101.60	.60	.00	.00	3.07	3.16	.16	4975.00	5.81	4969.19	.00
.000	102.10	.50	.00	.00	2.67	3.02	.14	4975.00	7.32	4967.63	.05
14.000	100.73	.00	.63	.00	3.89	3.39	.18	4975.00	.00	4975.00	.00
14.000	101.50	.76	.50	.00	3.16	3.15	.15	4975.00	.00	4975.00	.00
14.000	102.02	.53	.42	.00	2.75	3.00	.14	4975.00	.00	4975.00	.00
14.000	102.47	.45	.37	.00	2.46	2.89	.13	4975.00	.00	4974.96	.04
20.000	100.97	.00	.24	.00	3.85	3.35	.17	4975.00	.00	4975.00	.00
20.000	101.69	.72	.19	.00	3.14	3.13	.15	4975.00	.00	4974.59	.41
20.000	102.19	.50	.17	.00	2.67	2.98	.14	4975.00	.16	4951.49	23.35
20.000	102.62	.43	.15	.00	2.31	2.84	.12	4975.00	1.24	4902.19	71.57
26.700	101.27	.00	.29	.00	1.73	1.93	.06	4975.00	.00	4975.00	.00
26.700	101.93	.66	.24	.00	1.32	1.78	.05	4975.00	.04	4969.99	4.98
26.700	102.40	.47	.21	.00	1.10	1.68	.04	4975.00	.36	4948.21	26.43
26.700	102.81	.41	.19	.00	.94	1.60	.04	4975.00	1.28	4918.84	54.88
28.000	101.24	.00	-.02	.00	3.29	2.93	.13	4975.00	.00	4975.00	.00
28.000	101.91	.66	-.02	.00	2.64	2.73	.12	4975.00	.00	4970.84	4.16
28.000	102.38	.47	-.02	.00	2.26	2.60	.10	4975.00	.00	4956.60	18.40
28.000	102.79	.41	-.02	.00	1.98	2.49	.10	4975.00	.00	4935.31	39.69
30.700	101.35	.00	.11	.00	2.67	2.64	.11	3735.00	.00	3735.00	.00
30.700	102.00	.64	.09	.00	2.15	2.46	.09	3735.00	.57	3734.43	.00
30.700	102.45	.46	.08	.00	1.85	2.35	.09	3735.00	1.50	3732.99	.50
30.700	102.85	.40	.07	.00	1.63	2.27	.08	3735.00	2.54	3730.75	1.72
32.100	101.40	.00	.05	.00	5.37	2.59	.10	3735.00	.00	3735.00	.00
32.100	102.04	.64	.04	.00	4.47	2.41	.09	3735.00	.00	3735.00	.00
32.100	102.49	.45	.04	.00	3.94	2.30	.08	3735.00	.00	3735.00	.00
32.100	102.89	.39	.04	.00	3.55	2.21	.08	3735.00	.00	3735.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*5	VCH	HV	Q	GLOB	GCH	QROB
32.700	101.44	.00	.03	.00	5.32	2.58	.10	3735.00	.00	3735.00	.00
32.700	102.07	.63	.03	.00	4.43	2.41	.09	3735.00	.00	3735.00	.00
32.700	102.52	.45	.02	.00	3.92	2.29	.08	3735.00	.00	3735.00	.00
32.700	102.91	.39	.02	.00	3.53	2.20	.08	3735.00	.00	3735.00	.00
33.300	101.48	.00	.04	.00	2.31	2.39	.09	3735.00	.00	3735.00	.00
33.300	102.10	.62	.03	.00	1.88	2.23	.08	3735.00	.00	3735.00	.00
33.300	102.55	.45	.03	.00	1.63	2.13	.07	3735.00	.00	3735.00	.00
33.300	102.94	.39	.03	.00	1.45	2.04	.06	3735.00	.00	3735.00	.00
35.450	101.53	.00	.05	.00	8.24	3.17	.16	3735.00	.00	3735.00	.00
35.450	102.14	.61	.04	.00	7.10	2.98	.14	3735.00	.00	3735.00	.00
35.450	102.58	.44	.03	.00	6.40	2.85	.13	3735.00	.00	3735.00	.00
35.450	102.96	.38	.03	.00	5.85	2.75	.12	3735.00	.00	3735.00	.00
36.150	101.59	.00	.06	.00	8.12	3.16	.15	3735.00	.00	3735.00	.00
36.150	102.19	.60	.05	.00	7.03	2.97	.14	3735.00	.00	3735.00	.00
36.150	102.63	.44	.05	.00	6.34	2.84	.13	3735.00	.00	3735.00	.00
36.150	103.01	.38	.04	.00	5.80	2.74	.12	3735.00	.00	3735.00	.00
37.500	101.68	.00	.09	.00	2.99	2.91	.13	3735.00	.00	3734.92	.08
37.500	102.27	.59	.08	.00	2.48	2.74	.12	3735.00	.00	3731.68	3.32
37.500	102.70	.43	.07	.00	2.17	2.63	.11	3735.00	.06	3723.85	11.09
37.500	103.07	.37	.06	.00	1.93	2.54	.10	3735.00	.30	3712.61	22.10
38.600	101.71	.00	.03	.00	7.74	3.24	.16	3735.00	.00	3735.00	.00
38.600	102.30	.58	.03	.00	6.72	3.06	.15	3735.00	.00	3735.00	.00
38.600	102.72	.42	.02	.00	6.09	2.94	.13	3735.00	.00	3735.00	.00
38.600	103.09	.37	.02	.00	5.60	2.85	.13	3735.00	.00	3735.00	.00
39.200	101.76	.00	.05	.00	7.66	3.22	.16	3735.00	.00	3735.00	.00
39.200	102.34	.58	.04	.00	6.67	3.05	.14	3735.00	.00	3735.00	.00
39.200	102.76	.42	.04	.00	6.05	2.94	.13	3735.00	.00	3735.00	.00
39.200	103.13	.37	.03	.00	5.56	2.84	.13	3735.00	.00	3735.00	.00
39.800	101.82	.00	.06	.00	3.01	2.97	.14	3735.00	.00	3735.00	.00
39.800	102.39	.57	.05	.00	2.58	2.82	.12	3735.00	.00	3735.00	.00
39.800	102.80	.41	.05	.00	2.32	2.71	.11	3735.00	.00	3735.00	.00
39.800	103.17	.36	.04	.00	2.11	2.63	.11	3735.00	.00	3735.00	.00
45.000	101.98	.00	.16	.00	2.85	2.86	.13	3735.00	8.90	3726.02	.08
45.000	102.53	.55	.14	.00	2.38	2.70	.11	3735.00	17.64	3708.08	9.28
45.000	102.93	.40	.13	.00	2.07	2.59	.10	3735.00	25.65	3681.65	27.70
45.000	103.29	.35	.12	.00	1.84	2.49	.09	3735.00	33.43	3653.37	48.20
50.000	102.12	.00	.14	.00	2.53	2.84	.13	3735.00	.00	3735.00	.00
50.000	102.65	.52	.11	.00	2.22	2.71	.11	3735.00	.00	3735.00	.00
50.000	103.03	.39	.10	.00	2.02	2.62	.11	3735.00	.00	3735.00	.00
50.000	103.37	.34	.09	.00	1.86	2.55	.10	3735.00	.00	3735.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	QLOB	QCH	QRDB
51.200	102.16	.00	.04	.00	6.52	3.05	.14	3735.00	.00	3735.00	.00
51.200	102.68	.52	.03	.00	5.82	2.92	.13	3735.00	.00	3735.00	.00
51.200	103.06	.38	.03	.00	5.36	2.82	.12	3735.00	.00	3735.00	.00
51.200	103.40	.34	.03	.00	4.99	2.74	.12	3735.00	.00	3735.00	.00
51.700	102.19	.00	.03	.00	6.48	3.04	.14	3735.00	.00	3735.00	.00
51.700	102.71	.52	.03	.00	5.79	2.91	.13	3735.00	.00	3735.00	.00
51.700	103.09	.38	.03	.00	5.34	2.82	.12	3735.00	.00	3735.00	.00
51.700	103.43	.34	.03	.00	4.97	2.74	.12	3735.00	.00	3735.00	.00
51.950	102.23	.00	.04	.00	2.47	2.81	.12	3735.00	.00	3735.00	.00
51.950	102.74	.51	.03	.00	2.18	2.69	.11	3735.00	.00	3735.00	.00
51.950	103.12	.38	.03	.00	1.98	2.61	.11	3735.00	.00	3735.00	.00
51.950	103.45	.34	.03	.00	1.83	2.54	.10	3735.00	.00	3735.00	.00
52.200	102.23	.00	.00	.00	6.41	3.03	.14	3735.00	.00	3735.00	.00
52.200	102.74	.51	.00	.00	5.73	2.90	.13	3735.00	.00	3735.00	.00
52.200	103.12	.38	.00	.00	5.28	2.81	.12	3735.00	.00	3735.00	.00
52.200	103.45	.34	.00	.00	4.92	2.73	.12	3735.00	.00	3735.00	.00
52.700	102.26	.00	.03	.00	6.38	3.03	.14	3735.00	.00	3735.00	.00
52.700	102.77	.51	.03	.00	5.71	2.90	.13	3735.00	.00	3735.00	.00
52.700	103.14	.38	.03	.00	5.27	2.80	.12	3735.00	.00	3735.00	.00
52.700	103.48	.33	.02	.00	4.91	2.73	.12	3735.00	.00	3735.00	.00
53.700	102.31	.00	.05	.00	2.99	2.91	.13	3735.00	.32	3734.68	.00
53.700	102.82	.50	.05	.00	2.54	2.77	.12	3735.00	1.96	3732.81	.23
53.700	103.19	.37	.05	.00	2.26	2.67	.11	3735.00	4.20	3729.53	1.27
53.700	103.52	.33	.04	.00	2.04	2.59	.10	3735.00	6.75	3725.30	2.95
79.000	103.03	.00	.72	.00	2.63	2.79	.12	3735.00	.28	3734.72	.00
79.000	103.44	.41	.62	.00	2.34	2.69	.11	3735.00	1.22	3733.78	.00
79.000	103.75	.31	.56	.00	2.14	2.61	.11	3735.00	2.50	3732.50	.00
79.000	104.03	.28	.51	.00	1.98	2.54	.10	3735.00	4.12	3730.88	.00
83.000	103.17	.00	.13	.00	2.00	2.33	.08	2495.00	8.43	2486.57	.00
83.000	103.56	.39	.12	.00	1.77	2.24	.08	2495.00	15.05	2479.95	.00
83.000	103.86	.30	.11	.00	1.61	2.17	.07	2495.00	20.81	2474.19	.00
83.000	104.14	.27	.11	.00	1.48	2.11	.07	2495.00	26.44	2468.56	.00
83.450	103.18	.00	.01	.00	2.00	2.33	.08	2495.00	8.59	2486.41	.00
83.450	103.57	.39	.01	.00	1.76	2.23	.08	2495.00	15.22	2479.78	.00
83.450	103.87	.30	.01	.00	1.61	2.16	.07	2495.00	20.98	2474.02	.00
83.450	104.15	.27	.01	.00	1.48	2.10	.07	2495.00	26.60	2468.40	.00
83.950	103.15	.00	-.02	.00	3.98	2.97	.14	2495.00	.00	2495.00	.00
83.950	103.55	.39	-.02	.00	3.51	2.83	.12	2495.00	.00	2495.00	.00
83.950	103.85	.30	-.02	.00	3.20	2.74	.12	2495.00	.00	2495.00	.00
83.950	104.13	.28	-.02	.00	2.94	2.65	.11	2495.00	.00	2495.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	QLOB	QCH	QROB
84.500	103.16	.00	.00	.00	3.98	2.97	.14	2495.00	.00	2495.00	.00
84.500	103.55	.39	.00	.00	3.51	2.83	.12	2495.00	.00	2495.00	.00
84.500	103.85	.30	.00	.00	3.20	2.74	.12	2495.00	.00	2495.00	.00
84.500	104.13	.28	.00	.00	2.94	2.65	.11	2495.00	.00	2495.00	.00
85.000	103.25	.00	.09	.00	1.67	2.06	.07	2495.00	.09	2494.49	.42
85.000	103.63	.39	.08	.00	1.45	1.97	.06	2495.00	.39	2492.77	1.85
85.000	103.93	.30	.08	.00	1.31	1.91	.06	2495.00	.67	2491.03	3.30
85.000	104.20	.27	.07	.00	1.19	1.86	.05	2495.00	.95	2489.25	4.80
101.800	103.52	.00	.27	.00	1.47	2.02	.06	2495.00	200.78	2163.31	130.90
101.800	103.87	.35	.24	.00	1.20	1.87	.04	2495.00	240.75	2064.92	189.33
101.800	104.14	.27	.21	.00	1.02	1.75	.04	2495.00	269.82	1990.57	234.61
101.800	104.39	.25	.19	.00	.88	1.66	.03	2495.00	294.96	1924.83	275.21
103.100	103.54	.00	.02	.00	1.45	2.01	.05	2495.00	203.19	2157.54	134.27
103.100	103.89	.35	.02	.00	1.18	1.86	.04	2495.00	242.64	2060.15	192.21
103.100	104.16	.27	.01	.00	1.01	1.75	.04	2495.00	271.38	1986.53	237.09
103.100	104.40	.25	.01	.00	.87	1.65	.03	2495.00	296.26	1921.38	277.36
103.110	103.53	.00	-.01	.00	8.92	2.35	.08	2495.00	113.51	2339.67	41.81
103.110	103.88	.35	-.01	.00	7.22	2.17	.07	2495.00	157.06	2236.63	101.31
103.110	104.15	.27	-.01	.00	6.07	2.02	.05	2495.00	190.82	2149.74	154.45
103.110	104.40	.25	-.01	.00	5.19	1.90	.05	2495.00	220.19	2070.97	203.85
103.130	103.56	.00	.04	.00	1.43	2.00	.05	2495.00	205.77	2151.32	137.91
103.130	103.90	.34	.03	.00	1.17	1.85	.04	2495.00	244.49	2055.47	195.04
103.130	104.17	.27	.02	.00	1.00	1.74	.04	2495.00	272.73	1983.04	239.24
103.130	104.42	.25	.02	.00	.87	1.65	.03	2495.00	296.35	1921.15	277.50
103.700	103.56	.00	.00	.00	4.74	2.27	.08	2495.00	.00	2495.00	.00
103.700	103.90	.34	.00	.00	4.43	2.19	.07	2495.00	.00	2495.00	.00
103.700	104.16	.26	-.01	.00	4.20	2.14	.07	2495.00	.00	2495.00	.00
103.700	104.41	.24	-.01	.00	3.99	2.08	.07	2495.00	.00	2495.00	.00
103.800	103.57	.00	.00	.00	4.74	2.27	.08	2495.00	.00	2495.00	.00
103.800	103.91	.34	.00	.00	4.43	2.19	.07	2495.00	.00	2495.00	.00
103.800	104.17	.26	.00	.00	4.20	2.14	.07	2495.00	.00	2495.00	.00
103.800	104.41	.24	.00	.00	3.99	2.08	.07	2495.00	.00	2495.00	.00
104.000	103.59	.00	.02	.00	1.65	2.15	.07	2495.00	.00	2495.00	.00
104.000	103.92	.34	.01	.00	1.54	2.08	.07	2495.00	.00	2495.00	.00
104.000	104.18	.26	.01	.00	1.46	2.02	.06	2495.00	.00	2495.00	.00
104.000	104.43	.24	.01	.00	1.38	1.98	.06	2495.00	.00	2495.00	.00
119.000	103.86	.00	.28	.00	2.30	2.47	.09	2495.00	16.33	2433.43	45.24
119.000	104.17	.31	.25	.00	2.04	2.38	.09	2495.00	20.00	2416.67	58.33
119.000	104.42	.25	.23	.00	1.86	2.31	.08	2495.00	22.90	2403.05	69.06
119.000	104.65	.23	.22	.00	1.70	2.24	.07	2495.00	25.60	2390.13	79.27

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	G	QLOB	QCH	QROB
123.000	103.96	.00	.09	.00	2.48	2.51	.09	2260.00	17.85	2156.77	85.38
123.000	104.26	.30	.08	.00	2.19	2.41	.09	2260.00	21.61	2135.95	102.45
123.000	104.49	.24	.08	.00	1.98	2.33	.08	2260.00	24.58	2119.42	116.00
123.000	104.72	.22	.07	.00	1.82	2.26	.07	2260.00	27.29	2104.41	128.29
131.800	104.17	.00	.22	.00	2.26	2.43	.09	2260.00	20.56	2141.76	97.68
131.800	104.45	.28	.19	.00	2.02	2.34	.08	2260.00	24.00	2122.64	113.36
131.800	104.67	.22	.17	.00	1.85	2.28	.08	2260.00	26.75	2107.42	125.83
131.800	104.87	.21	.16	.00	1.70	2.21	.07	2260.00	29.33	2093.23	137.44
131.810	104.17	.00	.00	.00	2.26	2.43	.09	2260.00	20.62	2141.41	97.97
131.810	104.45	.28	.00	.00	2.02	2.34	.08	2260.00	24.06	2122.33	113.62
131.810	104.67	.22	.00	.00	1.84	2.27	.08	2260.00	26.80	2107.14	126.06
131.810	104.87	.21	.00	.00	4.30	2.24	.07	2260.00	28.15	2099.90	131.95
132.000	104.16	.00	-.01	.00	24.67	2.84	.12	2260.00	.00	2259.76	.24
132.000	104.44	.28	-.01	.00	21.90	2.74	.12	2260.00	.00	2259.67	.33
132.000	104.66	.22	-.01	.00	19.96	2.66	.11	2260.00	.00	2259.60	.40
132.000	104.87	.22	.00	.00	18.27	2.59	.10	2260.00	.00	2259.52	.48
132.150	104.20	.00	.04	.00	24.43	2.83	.12	2260.00	.00	2259.75	.25
132.150	104.47	.27	.03	.00	21.72	2.73	.12	2260.00	.00	2259.67	.33
132.150	104.69	.22	.03	.00	19.82	2.65	.11	2260.00	.00	2259.59	.41
132.150	104.90	.21	.03	.00	18.15	2.58	.10	2260.00	.00	2259.51	.48
132.800	104.29	.00	.09	.00	1.90	2.23	.08	2260.00	.00	2259.92	.08
132.800	104.55	.26	.08	.00	1.74	2.17	.07	2260.00	.00	2259.90	.10
132.800	104.77	.21	.08	.00	1.63	2.12	.07	2260.00	.00	2259.87	.13
132.800	104.97	.21	.07	.00	1.53	2.08	.07	2260.00	.00	2259.85	.15
132.810	104.29	.00	.00	.00	1.90	2.23	.08	2260.00	.00	2259.92	.08
132.810	104.55	.26	.00	.00	1.74	2.17	.07	2260.00	.00	2259.90	.10
132.810	104.77	.21	.00	.00	4.08	2.14	.07	2260.00	.00	2259.84	.15
132.810	104.97	.21	.00	.00	4.08	2.14	.07	2260.00	.00	2259.84	.15
132.900	104.29	.00	.00	.00	1.90	2.23	.08	2260.00	.00	2259.92	.08
132.900	104.56	.26	.00	.00	1.74	2.17	.07	2260.00	.00	2259.90	.10
132.900	104.77	.21	.00	.00	4.08	2.14	.07	2260.00	.00	2259.84	.15
132.900	104.97	.21	.00	.00	4.08	2.14	.07	2260.00	.00	2259.84	.15
140.300	104.45	.00	.15	.00	2.93	2.58	.10	2260.00	.70	2259.22	.08
140.300	104.70	.25	.14	.00	2.66	2.50	.10	2260.00	2.01	2257.26	.73
140.300	104.98	.28	.21	.00	2.38	2.42	.09	2260.00	4.08	2254.00	1.92
140.300	105.18	.20	.21	.00	2.21	2.36	.09	2260.00	5.72	2251.35	2.93
146.500	104.63	.00	.18	.00	2.72	2.52	.10	2260.00	1.63	2257.84	.52
146.500	104.86	.23	.16	.00	2.49	2.45	.09	2260.00	3.16	2255.46	1.38
146.500	105.13	.27	.15	.00	2.25	2.38	.09	2260.00	5.27	2252.08	2.65
146.500	105.32	.19	.14	.00	2.10	2.33	.08	2260.00	6.91	2249.40	3.63

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*8	VCH	HV	Q	QLOB	QCH	QGRS
146.510	104.63	.00	.00	.00	2.72	2.52	.10	2260.00	1.64	2257.84	.52
146.510	104.86	.23	.00	.00	2.49	2.45	.09	2260.00	3.16	2255.46	1.32
146.510	105.13	.27	.00	.00	2.25	2.38	.09	2260.00	5.27	2252.07	2.65
146.510	105.32	.19	.00	.00	2.10	2.33	.08	2260.00	6.92	2249.40	3.69
146.550	104.63	.00	.00	.00	2.72	2.52	.10	2260.00	1.64	2257.83	.53
146.550	104.86	.23	.00	.00	2.49	2.45	.09	2260.00	3.17	2255.45	1.32
146.550	105.13	.27	.00	.00	2.25	2.38	.09	2260.00	5.29	2252.06	2.65
146.550	105.32	.19	.00	.00	2.10	2.33	.08	2260.00	6.92	2249.39	3.69
146.600	104.63	.00	.00	.00	2.72	2.52	.10	2260.00	1.65	2257.82	.53
146.600	104.86	.23	.00	.00	2.49	2.45	.09	2260.00	3.18	2255.43	1.39
146.600	105.13	.27	.00	.00	2.25	2.38	.09	2260.00	5.29	2252.05	2.67
146.600	105.32	.19	.00	.00	2.10	2.33	.08	2260.00	6.93	2249.37	3.70
157.300	104.92	.00	.29	.00	2.69	2.54	.10	2260.00	6.79	2228.28	24.93
157.300	105.13	.21	.27	.00	2.48	2.48	.09	2260.00	9.11	2220.89	30.01
157.300	105.37	.24	.24	.00	2.25	2.40	.09	2260.00	12.05	2211.69	36.26
157.300	105.54	.17	.22	.00	2.10	2.35	.08	2260.00	14.22	2204.96	40.82
165.700	105.13	.00	.21	.00	1.72	2.19	.07	2260.00	6.62	2252.77	.61
165.700	105.32	.19	.19	.00	1.60	2.15	.07	2260.00	8.81	2249.65	1.54
165.700	105.55	.23	.17	.00	1.49	2.10	.07	2260.00	11.42	2245.63	2.95
165.700	105.71	.16	.16	.00	1.41	2.06	.07	2260.00	13.38	2242.45	4.17
166.950	105.16	.00	.04	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
166.950	105.35	.19	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
166.950	105.57	.22	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
166.950	105.73	.16	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
167.150	105.19	.00	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
167.150	105.38	.19	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
167.150	105.60	.22	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
167.150	105.76	.16	.03	.00	13.49	2.46	.09	2260.00	.00	2260.00	.00
167.500	105.20	.00	.01	.00	2.12	2.47	.09	2260.00	.00	2260.00	.00
167.500	105.40	.19	.02	.00	2.01	2.42	.09	2260.00	.00	2260.00	.00
167.500	105.62	.23	.02	.00	1.90	2.37	.09	2260.00	.00	2260.00	.00
167.500	105.78	.16	.02	.00	1.83	2.34	.08	2260.00	.00	2260.00	.00
173.000	105.32	.00	.12	.00	1.82	2.34	.08	2260.00	.00	2257.08	2.52
173.000	105.51	.19	.11	.00	1.73	2.30	.08	2260.00	.00	2256.20	3.80
173.000	105.73	.22	.11	.00	1.63	2.25	.08	2260.00	.00	2255.00	5.00
173.000	105.89	.16	.10	.00	1.56	2.22	.08	2260.00	.00	2254.02	5.98
174.300	105.37	.00	.04	.00	3.24	2.19	.07	2130.00	.00	2130.00	.00
174.300	105.56	.19	.05	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.300	105.77	.21	.04	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.300	105.93	.15	.04	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00

SECND	CWSEL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	GLOB	QCH	GRDB
174.700	105.38	.00	.01	.00	3.23	2.18	.07	2130.00	.00	2130.00	.00
174.700	105.58	.20	.02	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.700	105.80	.21	.02	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.700	105.95	.15	.02	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.800	105.39	.00	.01	.00	1.55	2.06	.07	2130.00	.00	2130.00	.00
174.800	105.60	.20	.01	.00	1.47	2.02	.06	2130.00	.00	2130.00	.00
174.800	105.81	.22	.02	.00	1.44	1.98	.06	2130.00	.00	2130.00	.00
174.800	105.97	.16	.02	.00	1.46	1.95	.06	2130.00	.00	2130.00	.00
174.950	105.39	.00	.00	.00	3.21	2.18	.07	2130.00	.00	2130.00	.00
174.950	105.59	.20	.00	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.950	105.81	.22	.00	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
174.950	105.97	.16	.00	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
175.350	105.41	.00	.01	.00	3.21	2.18	.07	2130.00	.00	2130.00	.00
175.350	105.62	.21	.02	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
175.350	105.83	.22	.02	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
175.350	105.99	.16	.02	.00	5.79	2.16	.07	2130.00	.00	2130.00	.00
176.000	105.40	.00	-.01	.00	3.11	2.72	.11	2130.00	.00	2125.69	4.31
176.000	105.62	.22	.00	.00	2.88	2.65	.11	2130.00	.00	2124.25	5.75
176.000	105.84	.22	.00	.00	2.68	2.59	.10	2130.00	.00	2122.61	7.38
176.000	105.99	.16	.00	.00	2.54	2.54	.10	2130.00	.00	2121.31	8.69
180.000	105.56	.00	.17	.00	2.37	2.36	.09	2130.00	4.47	2119.00	6.52
180.000	105.77	.21	.15	.00	2.17	2.30	.08	2130.00	6.27	2114.57	9.16
180.000	105.98	.21	.14	.00	2.00	2.24	.08	2130.00	8.12	2110.03	11.84
180.000	106.13	.15	.14	.00	1.89	2.20	.07	2130.00	9.52	2106.63	13.85
198.000	106.04	.00	.48	.00	3.20	2.69	.11	2130.00	.00	2100.03	29.97
198.000	106.21	.17	.44	.00	3.00	2.63	.11	2130.00	.00	2094.88	35.12
198.000	106.39	.18	.41	.00	2.81	2.57	.10	2130.00	.00	2089.55	40.45
198.000	106.52	.13	.39	.00	2.68	2.53	.10	2130.00	.00	2085.60	44.39
202.000	106.19	.00	.15	.00	2.49	2.23	.08	1310.00	.00	1302.02	7.58
202.000	106.36	.16	.14	.00	2.32	2.18	.07	1310.00	.00	1300.34	9.66
202.000	106.52	.17	.14	.00	2.17	2.13	.07	1310.00	.00	1298.57	11.43
202.000	106.65	.12	.13	.00	2.07	2.10	.07	1310.00	.00	1297.25	12.75
227.700	107.07	.00	.88	.00	5.75	3.14	.15	1310.00	.00	1310.00	.00
227.700	107.18	.11	.83	.00	5.52	3.09	.15	1310.00	.00	1310.00	.00
227.700	107.30	.12	.78	.00	5.28	3.04	.14	1310.00	.00	1310.00	.00
227.700	107.39	.09	.74	.00	5.11	3.00	.14	1310.00	.00	1310.00	.00
227.710	107.02	.00	-.05	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
227.710	107.13	.11	-.05	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
227.710	107.25	.11	-.05	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
227.710	107.33	.09	-.06	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	GLCB	GCH	GRGB
227.900	107.07	.00	.04	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
227.900	107.18	.11	.04	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
227.900	107.29	.11	.04	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
227.900	107.38	.09	.04	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
228.100	107.17	.00	.10	.00	5.55	3.09	.15	1310.00	.00	1310.00	.00
228.100	107.28	.11	.10	.00	5.32	3.05	.14	1310.00	.00	1310.00	.00
228.100	107.40	.12	.11	.00	5.10	3.00	.14	1310.00	.00	1310.00	.00
228.100	107.49	.09	.11	.00	4.93	2.96	.14	1310.00	.00	1310.00	.00
237.000	107.71	.00	.55	.00	7.31	3.36	.18	1310.00	.00	1310.00	.00
237.000	107.80	.09	.52	.00	7.02	3.31	.17	1310.00	.00	1310.00	.00
237.000	107.90	.10	.50	.00	6.72	3.26	.17	1310.00	.02	1309.97	.00
237.000	107.97	.07	.48	.00	6.50	3.23	.16	1310.00	.06	1309.94	.00
240.000	107.97	.00	.26	.00	6.31	2.89	.13	840.00	.00	840.00	.00
240.000	108.05	.08	.25	.00	6.08	2.85	.13	840.00	.00	840.00	.00
240.000	108.16	.11	.26	.00	3.92	2.31	.07	840.00	147.27	692.73	.00
240.000	108.23	.07	.26	.00	3.80	2.28	.07	840.00	147.64	692.36	.00
241.000	108.04	.00	.08	.00	5.49	2.72	.11	840.00	.00	840.00	.00
241.000	108.12	.08	.07	.00	5.30	2.68	.11	840.00	.00	840.00	.00
241.000	108.18	.06	.02	.00	5.15	2.65	.11	840.00	.02	839.98	.00
241.000	108.24	.06	.02	.00	4.99	2.63	.11	840.00	.10	839.90	.00
249.000	108.55	.00	.50	.00	8.00	3.05	.14	840.00	1.52	838.48	.00
249.000	108.61	.06	.49	.00	7.72	3.02	.14	840.00	1.90	838.10	.00
249.000	108.65	.04	.47	.00	7.53	2.99	.14	840.00	2.19	837.81	.00
249.000	108.70	.05	.46	.00	7.31	2.96	.14	840.00	2.54	837.46	.00
249.100	108.34	.00	-.21	.00	4.70	5.37	.45	840.00	.00	840.00	.00
249.100	108.41	.07	-.20	.00	4.51	5.29	.43	840.00	.00	840.00	.00
249.100	108.46	.05	-.19	.00	4.38	5.23	.42	840.00	.00	840.00	.00
249.100	108.51	.06	-.19	.00	4.23	5.16	.41	840.00	.00	840.00	.00
267.000	109.18	.00	.84	.00	1.45	3.00	.14	500.00	.00	500.00	.00
267.000	109.22	.04	.81	.00	1.41	2.97	.14	500.00	.00	500.00	.00
267.000	109.25	.03	.79	.00	1.39	2.95	.13	500.00	.00	500.00	.00
267.000	109.28	.03	.77	.00	1.36	2.93	.13	500.00	.00	500.00	.00
269.500	109.22	.00	.04	.00	1.41	2.97	.14	500.00	.00	500.00	.00
269.500	109.26	.04	.04	.00	1.38	2.94	.13	500.00	.00	500.00	.00
269.500	109.29	.03	.04	.00	1.36	2.92	.13	500.00	.00	500.00	.00
269.500	109.32	.03	.04	.00	1.33	2.90	.13	500.00	.00	500.00	.00
270.000	109.30	.00	.08	.00	.81	2.26	.08	500.00	.00	500.00	.00
270.000	109.34	.04	.08	.00	.80	2.24	.08	500.00	.00	500.00	.00
270.000	109.36	.03	.08	.00	.79	2.23	.08	500.00	.00	500.00	.00
270.000	109.40	.03	.08	.00	.77	2.22	.08	500.00	.00	500.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10X*S	VCH	HV	Q	QLOB	QCH	QROB
270.050	108.99	.00	-.31	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.050	109.02	.04	-.32	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.050	109.05	.03	-.32	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.050	109.08	.03	-.32	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.950	109.32	.00	.33	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.950	109.35	.04	.33	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.950	109.38	.03	.33	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.950	109.41	.03	.33	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.960	110.19	.00	.87	.00	.26	1.64	.04	500.00	.00	500.00	.00
270.960	110.22	.04	.87	.00	.50	1.63	.04	500.00	.00	500.00	.00
270.960	110.25	.03	.87	.00	.50	1.63	.04	500.00	.00	500.00	.00
270.960	110.28	.03	.87	.00	.50	1.63	.04	500.00	.00	500.00	.00
271.140	110.19	.00	.00	.00	.26	1.64	.04	500.00	.00	500.00	.00
271.140	110.22	.04	.00	.00	.50	1.63	.04	500.00	.00	500.00	.00
271.140	110.25	.03	.00	.00	.50	1.63	.04	500.00	.00	500.00	.00
271.140	110.28	.03	.00	.00	.50	1.63	.04	500.00	.00	500.00	.00
271.150	109.99	.00	-.20	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.150	110.02	.04	-.20	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.150	110.05	.03	-.20	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.150	110.08	.03	-.20	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.900	110.10	.00	.12	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.900	110.14	.04	.12	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.900	110.16	.03	.12	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.900	110.19	.03	.12	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.910	110.61	.00	.51	.00	.47	1.92	.06	450.00	.00	450.00	.00
271.910	110.64	.04	.51	.00	.46	1.91	.06	450.00	.00	450.00	.00
271.910	110.67	.03	.51	.00	.46	1.90	.06	450.00	.00	450.00	.00
271.910	110.70	.03	.51	.00	.45	1.88	.06	450.00	.00	450.00	.00
272.900	110.48	.00	-.12	.00	4.64	4.57	.32	450.00	.00	450.00	.00
272.900	110.52	.04	-.12	.00	4.49	4.52	.32	450.00	.00	450.00	.00
272.900	110.55	.03	-.12	.00	4.39	4.48	.31	450.00	.00	450.00	.00
272.900	110.59	.03	-.11	.00	4.28	4.44	.31	450.00	.00	450.00	.00
298.900	111.79	.00	1.31	.00	5.70	4.94	.38	450.00	.00	450.00	.00
298.900	111.80	.01	1.28	.00	5.65	4.92	.38	450.00	.00	450.00	.00
298.900	111.81	.01	1.25	.00	5.61	4.91	.37	450.00	.00	450.00	.00
298.900	111.82	.01	1.23	.00	5.56	4.89	.37	450.00	.00	450.00	.00
306.400	112.42	.00	.63	.00	.15	.80	.01	65.00	.00	64.99	.00
306.400	112.43	.01	.63	.00	.15	.80	.01	65.00	.00	64.99	.00
306.400	112.43	.00	.63	.00	.15	.80	.01	65.00	.00	64.99	.00
306.400	112.44	.01	.62	.00	.15	.80	.01	65.00	.00	64.99	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10X*S	VCH	HV	Q	QLOB	QCH	QROB
-198.000	106.04	.00	-5.38	.00	.46	2.71	.11	2130.00	.00	2118.77	11.23
-198.000	106.21	.17	-6.22	.00	.43	2.66	.11	2130.00	.00	2116.79	13.21
-198.000	106.39	.18	-6.05	.00	.41	2.60	.10	2130.00	.00	2114.74	15.26
-198.000	106.52	.13	-5.92	.00	.39	2.56	.10	2130.00	.00	2113.22	16.78
.000	106.07	.00	.03	.00	3.38	2.45	.09	820.00	2.53	814.30	3.17
.000	106.25	.17	.03	.00	3.12	2.39	.09	820.00	2.68	813.49	3.83
.000	106.42	.17	.03	.00	2.89	2.34	.08	820.00	2.83	812.66	4.51
.000	106.55	.13	.03	.00	2.73	2.30	.08	820.00	2.93	812.07	5.00
9.000	106.40	.00	.33	.00	4.09	2.61	.10	820.00	.94	813.02	6.04
9.000	106.55	.15	.30	.00	3.81	2.55	.10	820.00	1.03	812.30	6.67
9.000	106.70	.15	.28	.00	3.55	2.50	.10	820.00	1.13	811.57	7.31
9.000	106.81	.11	.27	.00	3.37	2.46	.09	820.00	1.19	811.04	7.77
17.000	106.50	.00	.10	.00	1.06	3.60	.20	820.00	7.23	806.87	5.90
17.000	106.64	.14	.09	.00	1.00	3.53	.19	820.00	7.67	806.99	6.34
17.000	106.79	.15	.09	.00	.94	3.47	.18	820.00	8.11	806.09	6.80
17.000	106.90	.11	.08	.00	.90	3.42	.18	820.00	8.44	804.44	7.13
17.550	106.51	.00	.00	.00	1.08	3.62	.20	820.00	7.11	807.10	5.78
17.550	106.65	.14	.00	.00	1.02	3.55	.19	820.00	7.55	806.22	6.23
17.550	106.79	.14	.00	.00	.95	3.48	.19	820.00	8.00	805.32	6.68
17.550	106.90	.11	.00	.00	.91	3.43	.18	820.00	8.32	804.67	7.01
18.300	106.91	.00	.40	.00	.94	3.47	.18	820.00	8.09	805.14	6.77
18.300	107.05	.15	.40	.00	.88	3.40	.18	820.00	8.53	804.25	7.22
18.300	107.21	.15	.41	.00	.83	3.34	.17	820.00	8.97	803.36	7.67
18.300	107.32	.11	.42	.00	.79	3.29	.16	820.00	9.29	802.72	8.00
18.790	106.89	.00	-.02	.00	1.31	3.87	.23	820.00	1.29	817.38	1.32
18.790	107.04	.15	-.02	.00	1.22	3.79	.22	820.00	1.44	816.93	1.62
18.790	107.19	.15	-.02	.00	1.14	3.72	.21	820.00	1.64	816.41	1.95
18.790	107.30	.11	-.02	.00	1.09	3.66	.21	820.00	1.84	815.95	2.20
25.000	106.94	.00	.05	.00	1.94	4.60	.33	820.00	1.71	815.00	3.29
25.000	107.08	.14	.05	.00	1.82	4.51	.31	820.00	1.78	814.78	3.44
25.000	107.23	.15	.04	.00	1.70	4.42	.30	820.00	1.84	814.56	3.59
25.000	107.34	.11	.04	.00	1.62	4.36	.29	820.00	1.89	814.41	3.70
32.000	107.05	.00	.11	.00	3.18	5.40	.45	820.00	3.39	812.30	4.32
32.000	107.18	.14	.10	.00	2.96	5.28	.43	820.00	3.60	811.72	4.69
32.000	107.32	.14	.09	.00	2.74	5.17	.41	820.00	3.81	811.13	5.06
32.000	107.43	.10	.09	.00	2.60	5.08	.40	820.00	3.96	810.71	5.33
32.550	107.07	.00	.02	.00	3.16	5.39	.45	820.00	3.40	812.25	4.35
32.550	107.20	.13	.02	.00	2.94	5.28	.43	820.00	3.61	811.68	4.71
32.550	107.34	.14	.02	.00	2.73	5.16	.41	820.00	3.82	811.10	5.08
32.550	107.44	.10	.02	.00	2.59	5.08	.40	820.00	3.97	810.69	5.34

	SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*S	VCH	HV	G	GLOB	QCH	QROB
	32.700	107.83	.00	.75	.00	2.17	4.81	.35	820.00	4.44	809.34	6.22
	32.700	107.92	.09	.72	.00	2.07	4.74	.34	820.00	4.55	809.02	6.42
	32.700	108.02	.09	.67	.00	1.98	4.68	.34	820.00	4.66	808.71	6.63
	32.700	108.10	.09	.66	.00	1.91	4.62	.33	820.00	4.76	808.42	6.81
	33.000	107.83	.00	.00	.00	2.33	4.88	.37	820.00	1.49	810.41	8.10
	33.000	107.92	.09	.00	.00	2.23	4.82	.36	820.00	1.54	810.15	8.31
	33.000	108.02	.09	.00	.00	2.13	4.75	.35	820.00	1.59	809.89	8.52
	33.000	108.10	.09	.00	.00	2.05	4.69	.34	820.00	1.64	809.65	8.70
	34.000	108.17	.00	.34	.00	.70	2.72	.11	480.00	.97	473.15	5.88
	34.000	108.26	.08	.33	.00	.67	2.69	.11	480.00	.99	472.95	6.06
	34.000	108.34	.08	.32	.00	.64	2.65	.11	480.00	1.01	472.75	6.24
	34.000	108.42	.08	.31	.00	.62	2.62	.11	480.00	1.03	472.57	6.40
	34.250	108.17	.00	.00	.00	.79	2.83	.12	480.00	.90	473.80	5.30
	34.250	108.25	.08	.00	.00	.76	2.79	.12	480.00	.93	473.59	5.48
	34.250	108.34	.08	.00	.00	.73	2.76	.12	480.00	.95	473.38	5.67
	34.250	108.41	.08	.00	.00	.70	2.72	.11	480.00	.97	473.19	5.85
	34.400	108.33	.00	.16	.00	.79	2.82	.12	480.00	.90	473.80	5.30
	34.400	108.41	.08	.16	.00	.76	2.79	.12	480.00	.93	473.58	5.49
	34.400	108.50	.09	.16	.00	.73	2.75	.12	480.00	.95	473.36	5.69
	34.400	108.58	.08	.17	.00	.70	2.72	.11	480.00	.97	473.16	5.87
	34.750	108.28	.00	-.05	.00	1.56	3.87	.23	480.00	3.13	474.65	2.23
	34.750	108.36	.09	-.05	.00	1.49	3.82	.22	480.00	3.23	474.44	2.33
	34.750	108.45	.09	-.05	.00	1.42	3.77	.22	480.00	3.33	474.23	2.44
	34.750	108.53	.08	-.05	.00	1.36	3.72	.21	480.00	3.42	474.04	2.54
	43.000	108.40	.00	.12	.00	2.38	4.42	.30	480.00	2.42	476.22	1.36
	43.000	108.48	.08	.12	.00	2.27	4.36	.29	480.00	2.63	475.94	1.43
	43.000	108.56	.08	.11	.00	2.16	4.29	.28	480.00	2.85	475.64	1.51
	43.000	108.64	.08	.11	.00	2.07	4.23	.28	480.00	3.06	475.35	1.59
	49.000	108.54	.00	.14	.00	3.20	4.82	.36	480.00	1.31	477.84	.85
	49.000	108.61	.07	.13	.00	3.05	4.75	.35	480.00	1.43	477.64	.93
	49.000	108.69	.08	.12	.00	2.90	4.67	.34	480.00	1.57	477.42	1.01
	49.000	108.76	.07	.12	.00	2.77	4.61	.33	480.00	1.70	477.20	1.09
	49.900	108.30	.00	-.23	.00	17.95	7.78	.94	480.00	.00	480.00	.00
	49.900	108.38	.08	-.23	.00	17.14	7.67	.91	480.00	.04	479.92	.05
	49.900	108.46	.08	-.22	.00	16.28	7.55	.88	480.00	.17	479.61	.22
	49.900	108.54	.08	-.22	.00	15.53	7.44	.86	480.00	.36	479.20	.44
*	50.000	109.58	.00	1.28	109.58	93.15	10.27	1.52	480.00	15.68	444.49	19.83
*	50.000	109.58	.00	1.20	109.58	93.15	10.27	1.52	480.00	15.68	444.49	19.83
*	50.000	109.58	.00	1.12	109.58	93.15	10.27	1.52	480.00	15.68	444.49	19.83
*	50.000	109.58	.00	1.04	109.58	93.15	10.27	1.52	480.00	15.68	444.49	19.83

SECNO	DWSEL	DIFWSP	DIFWSX	CRWS	10K*8	VCH	HV	Q	GLOB	GCH	GROB
50.400	110.81	.00	1.23	.00	32.57	7.33	.73	480.00	26.08	420.53	33.40
50.400	110.81	.00	1.23	.00	32.57	7.33	.73	480.00	26.08	420.53	33.40
50.400	110.81	.00	1.23	.00	32.57	7.33	.73	480.00	26.08	420.53	33.40
50.400	110.81	.00	1.23	.00	32.57	7.33	.73	480.00	26.08	420.53	33.40
50.500	111.35	.00	.54	.00	3.63	4.70	.32	480.00	11.77	453.08	15.15
50.500	111.35	.00	.54	.00	3.63	4.70	.32	480.00	11.77	453.08	15.15
50.500	111.35	.00	.54	.00	3.63	4.70	.32	480.00	11.77	453.08	15.15
50.500	111.35	.00	.54	.00	3.63	4.70	.32	480.00	11.77	453.08	15.15
51.500	111.59	.00	.24	.00	.86	3.25	.15	480.00	16.11	450.81	13.08
51.500	111.59	.00	.24	.00	.86	3.25	.15	480.00	16.11	450.81	13.08
51.500	111.59	.00	.24	.00	.86	3.25	.15	480.00	16.11	450.81	13.08
51.500	111.59	.00	.24	.00	.86	3.25	.15	480.00	16.11	450.81	13.08
56.500	111.62	.00	.03	.00	1.10	3.54	.18	480.00	17.24	451.32	11.44
56.500	111.62	.00	.03	.00	1.10	3.54	.18	480.00	17.24	451.32	11.44
56.500	111.62	.00	.03	.00	1.10	3.54	.18	480.00	17.24	451.32	11.44
56.500	111.62	.00	.03	.00	1.10	3.54	.18	480.00	17.24	451.32	11.44
66.500	111.73	.00	.10	.00	1.77	4.12	.25	480.00	6.84	460.83	12.33
66.500	111.73	.00	.10	.00	1.77	4.12	.25	480.00	6.84	460.83	12.33
66.500	111.73	.00	.10	.00	1.77	4.12	.25	480.00	6.84	460.83	12.33
66.500	111.73	.00	.10	.00	1.77	4.12	.25	480.00	6.84	460.83	12.33
69.500	111.78	.00	.05	.00	2.00	4.23	.26	480.00	15.22	451.89	12.89
69.500	111.78	.00	.05	.00	2.00	4.23	.26	480.00	15.22	451.89	12.89
69.500	111.78	.00	.05	.00	2.00	4.23	.26	480.00	15.22	451.89	12.89
69.500	111.78	.00	.05	.00	2.00	4.23	.26	480.00	15.22	451.89	12.89
72.500	111.82	.00	.04	.00	2.45	4.57	.32	480.00	5.07	468.96	5.98
72.500	111.82	.00	.04	.00	2.45	4.57	.32	480.00	5.07	468.96	5.98
72.500	111.82	.00	.04	.00	2.45	4.57	.32	480.00	5.07	468.96	5.98
72.500	111.82	.00	.04	.00	2.45	4.57	.32	480.00	5.07	468.96	5.98
79.500	111.98	.00	.17	.00	3.18	4.92	.37	480.00	7.02	471.70	1.28
79.500	111.98	.00	.17	.00	3.18	4.92	.37	480.00	7.02	471.70	1.28
79.500	111.98	.00	.17	.00	3.18	4.92	.37	480.00	7.02	471.70	1.28
79.500	111.98	.00	.17	.00	3.18	4.92	.37	480.00	7.02	471.70	1.28
-33.000	107.83	.00	-4.15	.00	.80	2.86	.13	480.00	.87	474.40	4.73
-33.000	107.92	.09	-4.06	.00	.77	2.82	.12	480.00	.90	474.25	4.85
-33.000	108.02	.09	-3.97	.00	.73	2.78	.12	480.00	.93	474.09	4.98
-33.000	108.10	.09	-3.88	.00	.70	2.75	.12	480.00	.96	473.95	5.09
.000	107.94	.00	.11	.00	.32	1.77	.05	240.00	.20	239.59	.20
.000	108.03	.09	.11	.00	.30	1.75	.05	240.00	.21	239.59	.21
.000	108.12	.09	.10	.00	.29	1.72	.05	240.00	.21	239.58	.21
.000	108.20	.08	.10	.00	.28	1.70	.04	240.00	.21	239.58	.21

SECND	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*S	VCH	HV	Q	GLOB	QCH	GRDB
6.400	107.96	.00	.02	.00	.38	1.86	.05	240.00	.44	238.62	.74
6.400	108.05	.09	.02	.00	.36	1.83	.05	240.00	.50	238.71	.79
6.400	108.14	.09	.02	.00	.35	1.81	.05	240.00	.57	238.60	.84
6.400	108.22	.08	.02	.00	.33	1.78	.05	240.00	.63	238.49	.88
7.100	107.96	.00	.00	.00	1.00	1.99	.06	240.00	.10	239.60	.10
7.100	108.05	.09	.00	.00	.96	1.96	.06	240.00	.11	239.79	.11
7.100	108.14	.09	.00	.00	.92	1.94	.06	240.00	.11	239.78	.11
7.100	108.22	.08	.00	.00	.89	1.92	.06	240.00	.12	239.77	.12
7.120	107.86	.00	-.10	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.120	107.94	.09	-.10	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.120	108.03	.09	-.11	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.120	108.11	.08	-.11	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.420	107.90	.00	.05	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.420	107.99	.09	.05	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.420	108.08	.09	.05	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.420	108.16	.08	.05	.00	15.25	4.17	.27	240.00	.00	240.00	.00
7.450	108.18	.00	.28	.00	.91	1.93	.06	240.00	.11	239.77	.11
7.450	108.27	.09	.28	.00	.87	1.91	.06	240.00	.12	239.76	.12
7.450	108.36	.09	.28	.00	.84	1.89	.06	240.00	.13	239.75	.13
7.450	108.44	.08	.28	.00	.81	1.87	.05	240.00	.13	239.74	.13
7.750	108.19	.00	.01	.00	.35	1.82	.05	240.00	.93	238.27	.80
7.750	108.28	.09	.01	.00	.34	1.79	.05	240.00	1.01	238.14	.85
7.750	108.37	.09	.01	.00	.32	1.77	.05	240.00	1.10	238.00	.89
7.750	108.45	.08	.01	.00	.31	1.74	.05	240.00	1.19	237.88	.94
9.500	108.19	.00	.00	.00	.42	1.92	.06	240.00	1.18	238.09	.74
9.500	108.28	.09	.00	.00	.40	1.90	.06	240.00	1.28	237.94	.78
9.500	108.37	.09	.00	.00	.38	1.87	.05	240.00	1.39	237.79	.82
9.500	108.45	.08	.00	.00	.36	1.84	.05	240.00	1.49	237.65	.85
9.780	108.17	.00	-.03	.00	1.68	2.76	.12	240.00	1.02	238.30	.68
9.780	108.25	.09	-.03	.00	1.61	2.72	.11	240.00	1.26	237.89	.85
9.780	108.35	.09	-.03	.00	1.55	2.68	.11	240.00	1.53	237.44	1.02
9.780	108.43	.08	-.03	.00	1.49	2.65	.11	240.00	1.78	237.03	1.19
9.790	107.98	.00	-.18	.00	38.82	5.64	.48	240.00	2.59	235.67	1.74
9.790	108.09	.10	-.17	.00	34.80	5.44	.45	240.00	3.64	233.92	2.44
9.790	108.19	.11	-.15	.00	31.19	5.24	.41	240.00	4.76	232.05	3.19
9.790	108.29	.10	-.14	.00	28.32	5.08	.38	240.00	5.79	230.34	3.87
10.000	108.12	.00	.14	.00	33.62	5.38	.44	240.00	3.99	233.34	2.67
10.000	108.21	.08	.12	.00	30.84	5.22	.41	240.00	4.88	231.85	3.27
10.000	108.30	.09	.10	.00	28.17	5.07	.38	240.00	5.84	230.25	3.91
10.000	108.38	.08	.09	.00	25.95	4.93	.36	240.00	6.74	228.76	4.50

SECNO	DWSEL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	QLDB	QCH	QRDB
10.010	108.55	.00	.43	.00	1.40	2.60	.10	240.00	2.18	236.36	1.45
10.010	108.61	.05	.40	.00	1.37	2.58	.10	240.00	2.35	236.09	1.56
10.010	108.66	.06	.37	.00	1.33	2.56	.10	240.00	2.54	235.77	1.69
10.010	108.72	.06	.34	.00	1.30	2.54	.10	240.00	2.72	235.47	1.81
10.250	108.63	.00	.08	.00	.29	1.71	.04	240.00	1.59	237.55	.66
10.250	108.68	.05	.08	.00	.28	1.69	.04	240.00	1.65	237.47	.88
10.250	108.74	.06	.07	.00	.27	1.68	.04	240.00	1.71	237.38	.90
10.250	108.79	.05	.07	.00	.26	1.67	.04	240.00	1.78	237.30	.93
18.000	108.65	.00	.02	.00	.34	1.80	.05	240.00	3.98	234.68	1.34
18.000	108.70	.05	.02	.00	.33	1.78	.05	240.00	4.06	234.59	1.35
18.000	108.76	.06	.02	.00	.32	1.76	.05	240.00	4.13	234.50	1.36
18.000	108.81	.05	.02	.00	.31	1.75	.05	240.00	4.21	234.42	1.38
26.000	108.68	.00	.03	.00	.41	1.91	.06	240.00	2.12	236.61	1.27
26.000	108.73	.05	.03	.00	.40	1.89	.05	240.00	2.17	236.54	1.28
26.000	108.79	.06	.03	.00	.39	1.87	.05	240.00	2.23	236.47	1.30
26.000	108.84	.05	.02	.00	.38	1.85	.05	240.00	2.28	236.40	1.32
31.650	108.75	.00	.07	.00	.12	1.00	.02	120.00	.62	119.08	.30
31.650	108.80	.05	.07	.00	.12	.99	.02	120.00	.64	119.06	.31
31.650	108.85	.05	.06	.00	.11	.98	.01	120.00	.66	119.03	.31
31.650	108.90	.05	.06	.00	.11	.97	.01	120.00	.68	119.01	.32
32.000	108.75	.00	.00	.00	.14	1.14	.02	120.00	1.32	117.65	1.03
32.000	108.79	.05	.00	.00	.14	1.13	.02	120.00	1.35	117.61	1.04
32.000	108.85	.05	.00	.00	.13	1.12	.02	120.00	1.39	117.56	1.05
32.000	108.90	.05	.00	.00	.13	1.11	.02	120.00	1.42	117.52	1.06
33.150	108.75	.00	.00	.00	.14	1.14	.02	120.00	1.32	117.65	1.03
33.150	108.79	.05	.00	.00	.14	1.13	.02	120.00	1.35	117.61	1.04
33.150	108.85	.05	.00	.00	.13	1.12	.02	120.00	1.39	117.56	1.05
33.150	108.90	.05	.00	.00	.13	1.11	.02	120.00	1.42	117.52	1.06
33.450	108.75	.00	.01	.00	.17	.99	.02	120.00	.00	120.00	.00
33.450	108.80	.05	.01	.00	.17	.98	.01	120.00	.00	120.00	.00
33.450	108.85	.05	.01	.00	.16	.97	.01	120.00	.00	120.00	.00
33.450	108.91	.05	.01	.00	.16	.96	.01	120.00	.00	120.00	.00
33.900	109.54	.00	.79	.00	.11	.83	.01	120.00	.04	119.91	.04
33.900	109.57	.03	.77	.00	.10	.83	.01	120.00	.06	119.88	.06
33.900	109.60	.03	.75	.00	.10	.82	.01	120.00	.08	119.84	.08
33.900	109.63	.03	.73	.00	.10	.82	.01	120.00	.10	119.80	.10
34.350	109.54	.00	.00	.00	.11	1.06	.02	120.00	1.37	117.14	1.49
34.350	109.57	.03	.00	.00	.11	1.05	.02	120.00	1.40	117.09	1.51
34.350	109.60	.03	.00	.00	.11	1.05	.02	120.00	1.43	117.04	1.53
34.350	109.63	.03	.00	.00	.11	1.04	.02	120.00	1.46	116.99	1.55

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
39.900	109.54	.00	.01	.00	.14	1.13	.02	120.00	.54	118.14	1.32
39.900	109.57	.03	.01	.00	.14	1.12	.02	120.00	.56	118.09	1.35
39.900	109.60	.03	.01	.00	.14	1.11	.02	120.00	.58	118.04	1.38
39.900	109.64	.03	.01	.00	.13	1.11	.02	120.00	.60	117.99	1.40
40.250	109.56	.00	.02	.00	.06	.67	.01	120.00	.04	119.72	.24
40.250	109.59	.03	.02	.00	.06	.67	.01	120.00	.05	119.70	.25
40.250	109.62	.03	.02	.00	.05	.67	.01	120.00	.06	119.68	.26
40.250	109.65	.03	.02	.00	.05	.66	.01	120.00	.06	119.66	.27
40.800	109.71	.00	.15	.00	.05	.67	.01	120.00	.09	119.62	.30
40.800	109.74	.02	.15	.00	.05	.66	.01	120.00	.10	119.60	.30
40.800	109.76	.03	.14	.00	.05	.66	.01	120.00	.10	119.58	.31
40.800	109.79	.02	.14	.00	.05	.66	.01	120.00	.11	119.57	.32
41.150	109.71	.00	-.01	.00	.14	1.14	.02	120.00	1.33	117.30	1.37
41.150	109.73	.02	-.01	.00	.14	1.14	.02	120.00	1.35	117.24	1.40
41.150	109.76	.03	-.01	.00	.14	1.13	.02	120.00	1.38	117.18	1.44
41.150	109.78	.02	-.01	.00	.14	1.13	.02	120.00	1.40	117.12	1.47
59.900	109.74	.00	.03	.00	.34	1.46	.03	120.00	2.17	114.52	3.31
59.900	109.76	.02	.03	.00	.33	1.45	.03	120.00	2.19	114.46	3.35
59.900	109.79	.03	.03	.00	.33	1.44	.03	120.00	2.22	114.40	3.38
59.900	109.81	.02	.03	.00	.32	1.44	.03	120.00	2.24	114.35	3.41

MAIN "A" & LATERAL A-3 —

SUMMARY PRINTOUT

SECON	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	4975.00	.00	.00	143.25	9920.38	10063.63
.000	4975.00	.00	.00	145.94	9919.76	10065.70
.000	4975.00	.00	.00	147.73	9919.34	10067.08
.000	4975.00	.00	.00	181.00	9919.00	10100.00
14.000	4975.00	45.55	1400.00	142.09	9922.26	10064.35
14.000	4975.00	49.42	1400.00	145.49	9920.55	10066.03
14.000	4975.00	52.08	1400.00	147.81	9919.38	10067.19
14.000	4975.00	54.38	1400.00	163.32	9918.39	10081.71
20.000	4975.00	65.89	600.00	144.72	9927.08	10071.80
20.000	4975.00	71.27	600.00	265.34	9925.22	10190.57
20.000	4975.00	75.62	600.00	582.66	9840.00	10500.00
20.000	4975.00	79.59	600.00	599.62	9840.00	10500.00
26.700	4975.00	97.13	670.00	324.59	9802.37	10126.56
26.700	4975.00	105.55	670.00	591.73	9797.60	10389.33
26.700	4975.00	114.18	670.00	688.68	9791.32	10480.00
26.700	4975.00	122.31	670.00	786.05	9693.95	10480.00
28.000	4975.00	103.51	130.00	182.58	9932.86	10115.44
28.000	4975.00	112.59	130.00	306.65	9932.19	10238.84
28.000	4975.00	121.93	130.00	368.28	9931.72	10300.00
28.000	4975.00	130.72	130.00	368.69	9931.31	10300.00
30.700	3735.00	113.17	270.00	153.49	9925.80	10079.29
30.700	3735.00	123.05	270.00	164.15	9919.19	10083.35
30.700	3735.00	133.14	270.00	176.58	9918.26	10094.84
30.700	3735.00	142.61	270.00	179.54	9917.45	10097.00
32.100	3735.00	117.43	130.00	176.34	127.16	303.50
32.100	3735.00	127.63	130.00	179.32	126.27	305.60
32.100	3735.00	137.95	130.00	181.45	125.64	307.09
32.100	3735.00	147.62	130.00	183.30	125.09	308.39
32.700	3735.00	119.42	60.00	176.49	127.12	303.61
32.700	3735.00	129.77	60.00	179.45	126.24	305.68
32.700	3735.00	140.19	60.00	181.56	125.60	307.17
32.700	3735.00	149.96	60.00	183.40	125.06	308.46
33.300	3735.00	121.50	60.00	176.68	127.06	303.74
33.300	3735.00	131.99	60.00	179.61	126.19	305.80
33.300	3735.00	142.52	60.00	181.71	125.56	307.27
33.300	3735.00	152.38	60.00	183.53	125.02	308.55

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
35.450	3735.00	128.27	215.00	131.82	140.82	272.64
35.450	3735.00	139.22	215.00	136.09	138.91	275.00
35.450	3735.00	150.09	215.00	139.15	137.54	276.66
35.450	3735.00	160.25	215.00	141.83	136.34	278.17
36.150	3735.00	130.15	70.00	132.24	140.64	272.87
36.150	3735.00	141.23	70.00	136.37	138.79	275.16
36.150	3735.00	152.19	70.00	139.41	137.43	276.64
36.150	3735.00	162.43	70.00	142.06	136.24	278.30
37.500	3735.00	133.99	135.00	144.19	9933.41	10077.60
37.500	3735.00	145.33	135.00	196.32	9933.01	10129.33
37.500	3735.00	156.52	135.00	239.21	9929.36	10168.57
37.500	3735.00	166.99	135.00	277.55	9926.00	10203.55
38.600	3735.00	137.07	110.00	120.16	130.19	250.36
38.600	3735.00	148.63	110.00	122.35	129.07	251.42
38.600	3735.00	159.99	110.00	123.94	128.25	252.19
38.600	3735.00	170.64	110.00	125.33	127.54	252.87
39.200	3735.00	138.66	60.00	120.31	130.12	250.43
39.200	3735.00	150.31	60.00	122.48	129.00	251.49
39.200	3735.00	161.74	60.00	124.06	128.19	252.25
39.200	3735.00	172.44	60.00	125.44	127.48	252.92
39.800	3735.00	140.33	60.00	120.54	130.00	250.54
39.800	3735.00	152.06	60.00	122.68	128.90	251.58
39.800	3735.00	163.57	60.00	124.24	128.10	252.34
39.800	3735.00	174.33	60.00	125.58	127.41	252.99
45.000	3735.00	155.84	520.00	207.79	9897.20	10110.37
45.000	3735.00	168.99	520.00	370.45	9889.05	10259.50
45.000	3735.00	181.69	520.00	377.52	9883.53	10261.04
45.000	3735.00	193.53	520.00	383.75	9878.65	10262.40
50.000	3735.00	171.09	500.00	117.36	131.97	249.34
50.000	3735.00	185.56	500.00	119.16	131.06	250.22
50.000	3735.00	199.39	500.00	120.51	130.28	250.89
50.000	3735.00	212.24	500.00	121.69	129.73	251.47
51.200	3735.00	174.58	120.00	117.45	131.93	249.28
51.200	3735.00	189.22	120.00	119.24	131.02	250.26
51.200	3735.00	203.18	120.00	120.56	130.25	250.91
51.200	3735.00	216.13	120.00	121.73	129.76	251.49
51.700	3735.00	175.99	50.00	117.56	131.87	249.44
51.700	3735.00	190.70	50.00	119.32	130.98	250.30
51.700	3735.00	204.70	50.00	120.64	130.31	250.95
51.700	3735.00	217.70	50.00	121.80	129.72	251.53

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
51.950	3735.00	176.72	25.00	117.71	131.80	249.51
51.950	3735.00	191.46	25.00	119.44	130.92	250.36
51.950	3735.00	205.49	25.00	120.74	130.26	251.00
51.950	3735.00	218.51	25.00	121.90	129.67	251.58
52.200	3735.00	177.46	25.00	117.73	131.79	249.52
52.200	3735.00	192.23	25.00	119.49	130.90	250.38
52.200	3735.00	206.28	25.00	120.81	130.23	251.03
52.200	3735.00	219.33	25.00	121.96	129.64	251.60
52.700	3735.00	178.87	50.00	117.80	131.75	249.55
52.700	3735.00	193.71	50.00	119.54	130.87	250.41
52.700	3735.00	207.81	50.00	120.83	130.21	251.05
52.700	3735.00	220.90	50.00	121.99	129.63	251.62
53.700	3735.00	181.76	100.00	139.47	9928.33	10067.80
53.700	3735.00	196.75	100.00	161.33	9919.42	10080.76
53.700	3735.00	210.97	100.00	173.45	9915.18	10088.63
53.700	3735.00	224.17	100.00	181.64	9911.40	10093.04
79.000	3735.00	258.01	2530.00	138.34	9919.32	10057.67
79.000	3735.00	275.90	2530.00	147.47	9911.18	10058.65
79.000	3735.00	294.30	2530.00	154.45	9904.95	10059.40
79.000	3735.00	310.50	2530.00	161.01	9899.32	10060.34
83.000	2495.00	269.27	400.00	163.50	9885.56	10049.06
83.000	2495.00	288.72	400.00	166.64	9883.29	10049.93
83.000	2495.00	306.57	400.00	169.05	9881.55	10050.60
83.000	2495.00	323.18	400.00	171.24	9879.96	10051.21
83.450	2495.00	270.41	45.00	163.58	9885.50	10049.09
83.450	2495.00	289.94	45.00	166.71	9883.24	10049.95
83.450	2495.00	307.84	45.00	169.12	9881.50	10050.62
83.450	2495.00	324.50	45.00	171.30	9879.92	10051.22
83.950	2495.00	271.54	50.00	99.99	948.97	1048.96
83.950	2495.00	291.12	50.00	102.19	947.54	1049.73
83.950	2495.00	309.07	50.00	103.87	946.45	1050.33
83.950	2495.00	325.77	50.00	105.41	945.46	1050.87
84.500	2495.00	272.60	55.00	100.00	948.95	1048.96
84.500	2495.00	292.23	55.00	102.20	947.54	1049.74
84.500	2495.00	310.22	55.00	103.89	946.45	1050.33
84.500	2495.00	326.96	55.00	105.42	945.45	1050.87
85.000	2495.00	273.78	50.00	160.00	920.00	1080.00
85.000	2495.00	293.47	50.00	160.00	920.00	1080.00
85.000	2495.00	311.51	50.00	160.00	920.00	1080.00
85.000	2495.00	328.29	50.00	160.00	920.00	1080.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
101.800	2495.00	344.59	1680.00	1180.42	9549.58	10730.00
101.800	2495.00	373.28	1680.00	1187.40	9542.60	10730.00
101.800	2495.00	398.33	1680.00	1192.84	9537.16	10730.00
101.800	2495.00	421.60	1680.00	1197.85	9532.15	10730.00
103.100	2495.00	352.08	130.00	1180.83	9545.17	10730.00
103.100	2495.00	381.99	130.00	1187.75	9542.25	10730.00
103.100	2495.00	408.01	130.00	1193.14	9536.86	10730.00
103.100	2495.00	432.17	130.00	1198.12	9531.88	10730.00
103.110	2495.00	352.12	1.00	1180.70	9549.30	10730.00
103.110	2495.00	382.05	1.00	1187.63	9542.38	10730.00
103.110	2495.00	408.07	1.00	1193.12	9536.88	10730.00
103.110	2495.00	432.24	1.00	1198.09	9531.91	10730.00
103.130	2495.00	352.22	2.00	1181.27	9548.73	10730.00
103.130	2495.00	382.16	2.00	1188.08	9541.92	10730.00
103.130	2495.00	408.21	2.00	1193.41	9536.59	10730.00
103.130	2495.00	432.39	2.00	1198.14	9531.85	10730.00
103.700	2495.00	354.73	60.00	115.62	118.84	234.47
103.700	2495.00	384.98	60.00	119.33	118.33	237.66
103.700	2495.00	411.26	60.00	122.23	117.93	240.16
103.700	2495.00	435.66	60.00	124.92	117.56	242.48
103.800	2495.00	354.99	10.00	115.66	118.84	234.49
103.800	2495.00	385.24	10.00	119.36	118.33	237.69
103.800	2495.00	411.53	10.00	122.25	117.93	240.19
103.800	2495.00	435.93	10.00	124.95	117.56	242.50
104.000	2495.00	355.51	20.00	115.78	118.82	234.60
104.000	2495.00	385.78	20.00	119.48	118.31	237.79
104.000	2495.00	412.08	20.00	122.37	117.91	240.28
104.000	2495.00	436.50	20.00	125.05	117.54	242.60
119.000	2495.00	395.72	1500.00	242.35	9915.27	10157.62
119.000	2495.00	427.92	1500.00	247.83	9914.81	10162.64
119.000	2495.00	455.77	1500.00	252.14	9914.46	10165.59
119.000	2495.00	481.65	1500.00	256.16	9914.12	10170.28
123.000	2260.00	406.44	400.00	255.25	9913.70	10168.55
123.000	2260.00	439.35	400.00	257.00	9913.00	10170.00
123.000	2260.00	467.76	400.00	257.55	9912.45	10170.00
123.000	2260.00	494.17	400.00	258.06	9911.94	10170.00
131.800	2260.00	430.14	880.00	256.80	9913.20	10170.00
131.800	2260.00	464.55	880.00	257.45	9912.55	10170.00
131.800	2260.00	494.16	880.00	257.96	9912.04	10170.00
131.800	2260.00	521.68	880.00	258.44	9911.56	10170.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDBT
131.810	2260.00	430.17	1.00	256.82	9913.18	10170.00
131.810	2260.00	464.58	1.00	257.46	9912.54	10170.00
131.810	2260.00	494.19	1.00	257.97	9912.03	10170.00
131.810	2260.00	521.71	1.00	258.45	9911.55	10170.00
132.000	2260.00	430.63	20.00	107.34	124.36	231.70
132.000	2260.00	465.06	20.00	107.93	123.87	231.80
132.000	2260.00	494.69	20.00	108.40	123.48	231.88
132.000	2260.00	522.22	20.00	108.86	123.10	231.96
132.150	2260.00	430.91	15.00	107.39	124.32	231.71
132.150	2260.00	465.34	15.00	107.97	123.84	231.81
132.150	2260.00	494.98	15.00	108.43	123.45	231.89
132.150	2260.00	522.52	15.00	108.89	123.07	231.96
132.800	2260.00	432.26	65.00	107.60	124.14	231.75
132.800	2260.00	466.74	65.00	108.16	123.68	231.84
132.800	2260.00	496.41	65.00	108.61	123.30	231.92
132.800	2260.00	523.99	65.00	109.06	122.94	231.99
132.810	2260.00	432.28	1.00	107.61	124.14	231.75
132.810	2260.00	466.77	1.00	108.17	123.68	231.84
132.810	2260.00	496.44	1.00	108.62	123.30	231.92
132.810	2260.00	524.01	1.00	109.06	122.93	231.99
132.900	2260.00	432.49	9.00	107.61	124.14	231.75
132.900	2260.00	466.98	9.00	108.17	123.67	231.84
132.900	2260.00	496.66	9.00	108.62	123.30	231.92
132.900	2260.00	524.23	9.00	109.06	122.93	231.99
140.300	2260.00	448.62	740.00	149.02	9924.00	10073.02
140.300	2260.00	483.67	740.00	149.17	9924.00	10073.17
140.300	2260.00	513.84	740.00	149.35	9924.00	10073.35
140.300	2260.00	541.67	740.00	149.47	9924.00	10073.47
146.500	2260.00	461.41	620.00	149.14	9924.00	10073.14
146.500	2260.00	496.97	620.00	149.28	9924.00	10073.28
146.500	2260.00	527.74	620.00	149.44	9924.00	10073.44
146.500	2260.00	555.98	620.00	149.55	9924.00	10073.55
146.510	2260.00	461.43	1.00	149.14	9924.00	10073.14
146.510	2260.00	496.99	1.00	149.28	9924.00	10073.28
146.510	2260.00	527.76	1.00	149.44	9924.00	10073.44
146.510	2260.00	556.00	1.00	149.55	9924.00	10073.55
146.550	2260.00	461.52	4.00	149.14	9924.00	10073.14
146.550	2260.00	497.08	4.00	149.28	9924.00	10073.28
146.550	2260.00	527.85	4.00	149.44	9924.00	10073.44
146.550	2260.00	556.10	4.00	149.55	9924.00	10073.55

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
146.600	2260.00	461.62	5.00	149.14	9924.00	10073.14
146.600	2260.00	497.19	5.00	149.28	9924.00	10073.28
146.600	2260.00	527.97	5.00	149.44	9924.00	10073.44
146.600	2260.00	556.21	5.00	149.55	9924.00	10073.55
157.300	2260.00	485.04	1070.00	195.68	9918.72	10114.41
157.300	2260.00	521.54	1070.00	198.00	9918.00	10116.00
157.300	2260.00	553.41	1070.00	198.00	9918.00	10116.00
157.300	2260.00	582.43	1070.00	198.00	9918.00	10116.00
165.700	2260.00	504.85	840.00	171.11	9920.00	10091.11
165.700	2260.00	542.08	840.00	174.78	9920.00	10094.78
165.700	2260.00	574.80	840.00	178.86	9920.00	10098.86
165.700	2260.00	604.43	840.00	181.80	9920.00	10101.80
166.950	2260.00	507.71	125.00	93.11	107.87	200.98
166.950	2260.00	544.99	125.00	93.93	107.39	201.32
166.950	2260.00	577.76	125.00	94.85	106.88	201.72
166.950	2260.00	607.44	125.00	95.42	106.59	202.01
167.150	2260.00	508.13	20.00	93.24	107.79	201.03
167.150	2260.00	545.41	20.00	94.05	107.32	201.37
167.150	2260.00	578.19	20.00	94.94	106.83	201.77
167.150	2260.00	607.86	20.00	95.51	106.54	202.05
167.500	2260.00	508.87	35.00	85.54	9965.27	10050.81
167.500	2260.00	546.16	35.00	86.17	9964.95	10051.12
167.500	2260.00	578.94	35.00	86.93	9964.56	10051.49
167.500	2260.00	608.62	35.00	87.46	9964.29	10051.75
173.000	2260.00	520.85	550.00	108.84	9944.86	10053.69
173.000	2260.00	558.37	550.00	111.53	9944.53	10056.06
173.000	2260.00	591.43	550.00	114.72	9944.14	10058.66
173.000	2260.00	621.31	550.00	117.01	9943.86	10060.87
174.300	2130.00	523.77	130.00	100.55	105.98	206.53
174.300	2130.00	561.34	130.00	101.65	105.15	206.80
174.300	2130.00	594.44	130.00	105.09	104.26	209.35
174.300	2130.00	624.35	130.00	110.43	103.65	214.09
174.700	2130.00	524.66	40.00	100.66	105.90	206.55
174.700	2130.00	562.24	40.00	101.74	105.09	206.82
174.700	2130.00	595.34	40.00	105.64	104.20	209.84
174.700	2130.00	625.25	40.00	111.30	103.56	214.85
174.800	2130.00	524.89	10.00	100.69	105.87	206.56
174.800	2130.00	562.48	10.00	101.81	105.03	206.84
174.800	2130.00	595.58	10.00	106.38	104.12	210.50
174.800	2130.00	625.49	10.00	112.09	103.48	215.57

SECND	Q	VOL	XLCH	TOPWID	SSTA	ENDST
174.950	2130.00	525.24	15.00	100.76	105.82	206.58
174.950	2130.00	562.83	15.00	101.89	104.97	206.86
174.950	2130.00	595.94	15.00	106.80	104.07	210.87
174.950	2130.00	625.85	15.00	112.56	103.42	215.98
175.350	2130.00	526.14	40.00	100.79	105.80	206.59
175.350	2130.00	563.74	40.00	101.94	104.94	206.87
175.350	2130.00	596.84	40.00	107.06	104.04	211.10
175.350	2130.00	626.76	40.00	112.79	103.40	216.18
176.000	2130.00	527.46	65.00	109.15	9945.50	10054.64
176.000	2130.00	565.09	65.00	112.44	9945.02	10057.46
176.000	2130.00	598.21	65.00	115.69	9944.55	10060.24
176.000	2130.00	628.14	65.00	118.03	9944.22	10062.25
180.000	2130.00	537.51	500.00	168.32	9922.68	10091.00
180.000	2130.00	575.49	500.00	168.65	9922.35	10091.00
180.000	2130.00	608.96	500.00	168.97	9922.03	10091.00
180.000	2130.00	639.14	500.00	169.00	9922.00	10091.00
198.000	2130.00	575.12	1800.00	156.56	9948.34	10105.00
198.000	2130.00	614.41	1800.00	157.08	9947.92	10105.00
198.000	2130.00	649.16	1800.00	157.51	9947.49	10105.00
198.000	2130.00	680.28	1800.00	157.83	9947.17	10105.00
202.000	1310.00	581.96	400.00	103.00	9964.00	10067.00
202.000	1310.00	621.44	400.00	103.00	9964.00	10067.00
202.000	1310.00	656.40	400.00	103.00	9964.00	10067.00
202.000	1310.00	687.66	400.00	103.00	9964.00	10067.00
227.700	1310.00	612.44	2570.00	57.48	9979.08	10036.56
227.700	1310.00	652.62	2570.00	57.88	9978.88	10036.77
227.700	1310.00	688.29	2570.00	58.30	9978.68	10036.99
227.700	1310.00	720.08	2570.00	58.62	9978.53	10037.15
227.710	1310.00	612.45	1.00	57.32	9979.16	10036.47
227.710	1310.00	652.63	1.00	57.71	9978.97	10036.67
227.710	1310.00	688.30	1.00	58.12	9978.77	10036.89
227.710	1310.00	720.09	1.00	58.42	9978.53	10037.05
227.900	1310.00	612.60	19.00	57.44	9979.10	10036.54
227.900	1310.00	652.78	19.00	57.83	9978.91	10036.74
227.900	1310.00	688.45	19.00	58.24	9978.71	10036.95
227.900	1310.00	720.24	19.00	58.54	9978.57	10037.11
228.100	1310.00	612.78	20.00	57.82	9978.91	10036.74
228.100	1310.00	652.96	20.00	58.23	9978.72	10036.95
228.100	1310.00	688.63	20.00	58.65	9978.52	10037.17
228.100	1310.00	720.42	20.00	58.97	9978.36	10037.33

SECNO	Q	VOL	XLCH	TOPWID	BSTA	ENDST
237.000	1310.00	621.09	890.00	59.31	9977.88	10037.19
237.000	1310.00	661.39	890.00	60.96	9976.43	10037.33
237.000	1310.00	697.19	890.00	62.71	9974.88	10037.59
237.000	1310.00	729.09	890.00	64.03	9973.71	10037.74
240.000	840.00	623.44	300.00	48.57	9979.24	10027.81
240.000	840.00	663.77	300.00	48.89	9979.09	10027.98
240.000	840.00	700.11	300.00	87.43	9940.78	10028.21
240.000	840.00	732.03	300.00	87.81	9940.54	10028.34
241.000	840.00	624.12	100.00	51.50	9968.35	10019.64
241.000	840.00	664.47	100.00	54.23	9951.93	10020.00
241.000	840.00	701.00	100.00	65.06	9951.65	10020.12
241.000	840.00	732.94	100.00	68.89	9951.36	10020.25
249.000	840.00	629.55	800.00	70.12	9950.01	10020.13
249.000	840.00	669.96	800.00	70.52	9949.74	10020.26
249.000	840.00	706.57	800.00	70.82	9949.55	10020.36
249.000	840.00	738.58	800.00	71.16	9949.32	10020.48
249.100	840.00	629.60	10.00	35.93	9980.06	10015.99
249.100	840.00	670.01	10.00	36.20	9979.92	10016.12
249.100	840.00	706.62	10.00	36.39	9979.82	10016.21
249.100	840.00	738.63	10.00	36.62	9979.71	10016.32
267.000	500.00	636.28	1800.00	38.71	9978.32	10017.03
267.000	500.00	676.78	1800.00	38.88	9978.24	10017.11
267.000	500.00	713.44	1800.00	39.00	9978.18	10017.17
267.000	500.00	745.52	1800.00	39.14	9978.11	10017.25
269.500	500.00	637.24	250.00	38.87	9978.24	10017.11
269.500	500.00	677.75	250.00	39.03	9978.16	10017.19
269.500	500.00	714.42	250.00	39.15	9978.10	10017.25
269.500	500.00	746.51	250.00	39.29	9978.03	10017.32
270.000	500.00	637.46	50.00	39.50	980.60	1020.10
270.000	500.00	677.98	50.00	39.57	980.56	1020.14
270.000	500.00	714.65	50.00	39.63	980.54	1020.16
270.000	500.00	746.74	50.00	39.69	980.50	1020.20
270.050	500.00	637.48	5.00	38.87	980.91	1019.79
270.050	500.00	677.99	5.00	38.94	980.88	1019.82
270.050	500.00	714.66	5.00	39.00	980.85	1019.85
270.050	500.00	746.75	5.00	39.06	980.82	1019.88
270.950	500.00	637.63	90.00	39.53	980.58	1020.12
270.950	500.00	678.14	90.00	39.61	980.55	1020.15
270.950	500.00	714.82	90.00	39.66	980.52	1020.18
270.950	500.00	746.91	90.00	39.72	980.49	1020.21

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
270.960	500.00	637.64	1.00	34.00	983.00	1017.00
270.960	500.00	678.15	1.00	34.00	983.00	1017.00
270.960	500.00	714.82	1.00	34.00	983.00	1017.00
270.960	500.00	746.91	1.00	34.00	983.00	1017.00
271.140	500.00	637.75	18.00	34.00	983.00	1017.00
271.140	500.00	678.28	18.00	34.00	983.00	1017.00
271.140	500.00	714.95	18.00	34.00	983.00	1017.00
271.140	500.00	747.04	18.00	34.00	983.00	1017.00
271.150	450.00	637.77	1.00	34.00	983.00	1017.00
271.150	450.00	678.28	1.00	34.00	983.00	1017.00
271.150	450.00	714.95	1.00	34.00	983.00	1017.00
271.150	450.00	747.04	1.00	34.00	983.00	1017.00
271.900	450.00	637.91	75.00	43.80	978.10	1021.90
271.900	450.00	678.42	75.00	43.95	978.02	1021.98
271.900	450.00	715.09	75.00	44.06	977.97	1022.03
271.900	450.00	747.19	75.00	44.18	977.91	1022.09
271.910	450.00	637.92	1.00	45.83	977.09	1022.91
271.910	450.00	678.43	1.00	45.98	977.01	1022.99
271.910	450.00	715.10	1.00	46.09	976.96	1023.04
271.910	450.00	747.19	1.00	46.22	976.89	1023.11
272.900	450.00	638.30	100.00	28.70	985.65	1014.35
272.900	450.00	678.81	100.00	28.86	985.57	1014.43
272.900	450.00	715.49	100.00	28.98	985.51	1014.49
272.900	450.00	747.58	100.00	29.11	985.44	1014.56
298.900	450.00	643.96	2600.00	27.66	986.17	1013.83
298.900	450.00	684.52	2600.00	27.71	986.15	1013.85
298.900	450.00	721.22	2600.00	27.74	986.13	1013.87
298.900	450.00	753.35	2600.00	27.78	986.11	1013.89
306.400	65.00	645.44	750.00	25.42	987.29	1012.71
306.400	65.00	686.00	750.00	25.44	987.28	1012.72
306.400	65.00	722.71	750.00	25.45	987.27	1012.73
306.400	65.00	754.85	750.00	25.47	987.27	1012.73
-198.000	2130.00	645.44	.00	156.64	9948.36	10105.00
-198.000	2130.00	686.00	.00	157.06	9947.94	10105.00
-198.000	2130.00	722.71	.00	157.50	9947.50	10105.00
-198.000	2130.00	754.85	.00	157.81	9947.19	10105.00
.000	820.00	646.77	95.00	58.00	975.00	1033.00
.000	820.00	687.38	95.00	58.00	975.00	1033.00
.000	820.00	724.12	95.00	58.00	975.00	1033.00
.000	820.00	756.29	95.00	58.00	975.00	1033.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
9.000	820.00	653.82	900.00	56.00	975.00	1031.00
9.000	820.00	694.61	900.00	56.00	975.00	1031.00
9.000	820.00	731.55	900.00	56.00	975.00	1031.00
9.000	820.00	763.86	900.00	56.00	975.00	1031.00
17.000	820.00	659.41	800.00	54.00	973.00	1027.00
17.000	820.00	700.35	800.00	54.00	973.00	1027.00
17.000	820.00	737.44	800.00	54.00	973.00	1027.00
17.000	820.00	769.86	800.00	54.00	973.00	1027.00
17.550	820.00	659.76	55.00	54.00	973.00	1027.00
17.550	820.00	700.71	55.00	54.00	973.00	1027.00
17.550	820.00	737.81	55.00	54.00	973.00	1027.00
17.550	820.00	770.24	55.00	54.00	973.00	1027.00
18.300	820.00	660.26	75.00	54.00	973.00	1027.00
18.300	820.00	701.22	75.00	54.00	973.00	1027.00
18.300	820.00	738.33	75.00	54.00	973.00	1027.00
18.300	820.00	770.77	75.00	54.00	973.00	1027.00
18.790	820.00	660.55	49.00	44.08	980.92	1025.00
18.790	820.00	701.52	49.00	44.36	980.64	1025.00
18.790	820.00	738.64	49.00	50.75	974.25	1025.00
18.790	820.00	771.08	49.00	52.50	972.50	1025.00
25.000	820.00	663.55	621.00	32.00	985.00	1017.00
25.000	820.00	704.60	621.00	32.00	985.00	1017.00
25.000	820.00	741.81	621.00	32.00	985.00	1017.00
25.000	820.00	774.32	621.00	32.00	985.00	1017.00
32.000	820.00	666.51	700.00	36.50	983.00	1019.50
32.000	820.00	707.63	700.00	36.50	983.00	1019.50
32.000	820.00	744.92	700.00	36.50	983.00	1019.50
32.000	820.00	777.49	700.00	36.50	983.00	1019.50
32.550	820.00	666.73	55.00	36.50	983.00	1019.50
32.550	820.00	707.86	55.00	36.50	983.00	1019.50
32.550	820.00	745.15	55.00	36.50	983.00	1019.50
32.550	820.00	777.73	55.00	36.50	983.00	1019.50
32.700	820.00	666.79	15.00	36.50	983.00	1019.50
32.700	820.00	707.92	15.00	36.50	983.00	1019.50
32.700	820.00	745.22	15.00	36.50	983.00	1019.50
32.700	820.00	777.79	15.00	36.50	983.00	1019.50
33.000	820.00	666.93	30.00	35.00	985.00	1020.00
33.000	820.00	708.06	30.00	35.00	985.00	1020.00
33.000	820.00	745.36	30.00	35.00	985.00	1020.00
33.000	820.00	777.94	30.00	35.00	985.00	1020.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
34.000	480.00	667.39	100.00	39.00	985.00	1024.00
34.000	480.00	708.53	100.00	39.00	985.00	1024.00
34.000	480.00	745.84	100.00	39.00	985.00	1024.00
34.000	480.00	778.42	100.00	39.00	985.00	1024.00
34.250	480.00	667.51	25.00	39.00	985.00	1024.00
34.250	480.00	708.65	25.00	39.00	985.00	1024.00
34.250	480.00	745.96	25.00	39.00	985.00	1024.00
34.250	480.00	778.54	25.00	39.00	985.00	1024.00
34.400	480.00	667.57	15.00	39.00	985.00	1024.00
34.400	480.00	708.72	15.00	39.00	985.00	1024.00
34.400	480.00	746.03	15.00	39.00	985.00	1024.00
34.400	480.00	778.62	15.00	39.00	985.00	1024.00
34.750	480.00	667.73	40.00	30.00	985.00	1015.00
34.750	480.00	708.88	40.00	30.00	985.00	1015.00
34.750	480.00	746.19	40.00	30.00	985.00	1015.00
34.750	480.00	778.78	40.00	30.00	985.00	1015.00
43.000	480.00	670.25	825.00	33.77	980.00	1013.77
43.000	480.00	711.45	825.00	33.90	980.00	1013.90
43.000	480.00	748.81	825.00	34.02	980.00	1014.02
43.000	480.00	781.45	825.00	34.14	980.00	1014.14
49.000	480.00	671.84	600.00	29.76	983.67	1013.42
49.000	480.00	713.07	600.00	31.16	982.71	1013.88
49.000	480.00	750.47	600.00	32.64	981.71	1014.35
49.000	480.00	783.14	600.00	33.99	980.79	1014.78
49.900	480.00	672.01	90.00	11.50	993.25	1004.75
49.900	480.00	713.25	90.00	30.00	985.00	1015.00
49.900	480.00	750.65	90.00	30.00	985.00	1015.00
49.900	480.00	783.33	90.00	30.00	985.00	1015.00
* 50.000	480.00	672.03	10.00	30.00	985.00	1015.00
* 50.000	480.00	713.26	10.00	30.00	985.00	1015.00
* 50.000	480.00	750.67	10.00	30.00	985.00	1015.00
* 50.000	480.00	783.34	10.00	30.00	985.00	1015.00
50.400	480.00	672.10	40.00	30.00	985.00	1015.00
50.400	480.00	713.34	40.00	30.00	985.00	1015.00
50.400	480.00	750.75	40.00	30.00	985.00	1015.00
50.400	480.00	783.42	40.00	30.00	985.00	1015.00
50.500	480.00	672.13	10.00	30.00	985.00	1015.00
50.500	480.00	713.37	10.00	30.00	985.00	1015.00
50.500	480.00	750.77	10.00	30.00	985.00	1015.00
50.500	480.00	783.45	10.00	30.00	985.00	1015.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
51.500	480.00	672.59	100.00	48.00	976.00	1024.00
51.500	480.00	713.82	100.00	48.00	976.00	1024.00
51.500	480.00	751.23	100.00	48.00	976.00	1024.00
51.500	480.00	783.90	100.00	48.00	976.00	1024.00
56.500	480.00	675.25	500.00	45.00	975.00	1020.00
56.500	480.00	716.48	500.00	45.00	975.00	1020.00
56.500	480.00	753.89	500.00	45.00	975.00	1020.00
56.500	480.00	786.56	500.00	45.00	975.00	1020.00
66.500	480.00	679.76	1000.00	38.50	983.00	1021.50
66.500	480.00	720.99	1000.00	38.50	983.00	1021.50
66.500	480.00	758.40	1000.00	38.50	983.00	1021.50
66.500	480.00	791.07	1000.00	38.50	983.00	1021.50
69.500	480.00	680.92	300.00	42.00	978.00	1020.00
69.500	480.00	722.16	300.00	42.00	978.00	1020.00
69.500	480.00	759.57	300.00	42.00	978.00	1020.00
69.500	480.00	792.24	300.00	42.00	978.00	1020.00
72.500	480.00	682.03	300.00	30.50	986.50	1017.00
72.500	480.00	723.27	300.00	30.50	986.50	1017.00
72.500	480.00	760.67	300.00	30.50	986.50	1017.00
72.500	480.00	793.35	300.00	30.50	986.50	1017.00
79.500	480.00	684.07	700.00	42.81	974.19	1017.00
79.500	480.00	725.31	700.00	42.81	974.19	1017.00
79.500	480.00	762.72	700.00	42.81	974.19	1017.00
79.500	480.00	795.39	700.00	42.81	974.19	1017.00
-33.000	480.00	684.07	.00	35.00	985.00	1020.00
-33.000	480.00	725.31	.00	35.00	985.00	1020.00
-33.000	480.00	762.72	.00	35.00	985.00	1020.00
-33.000	480.00	795.39	.00	35.00	985.00	1020.00
.000	240.00	684.75	195.00	23.00	988.50	1011.50
.000	240.00	725.99	195.00	23.00	988.50	1011.50
.000	240.00	763.41	195.00	23.00	988.50	1011.50
.000	240.00	796.09	195.00	23.00	988.50	1011.50
6.400	240.00	686.82	640.00	34.14	981.36	1015.50
6.400	240.00	728.10	640.00	34.50	981.00	1015.50
6.400	240.00	765.55	640.00	34.50	981.00	1015.50
6.400	240.00	798.27	640.00	34.50	981.00	1015.50
7.100	240.00	686.94	40.00	17.56	991.22	1008.78
7.100	240.00	728.22	40.00	17.60	991.20	1008.80
7.100	240.00	765.68	40.00	17.64	991.18	1008.82
7.100	240.00	798.40	40.00	17.68	991.16	1008.84

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
7.120	240.00	686.95	2.00	17.51	991.25	1008.75
7.120	240.00	728.23	2.00	17.55	991.23	1008.77
7.120	240.00	765.68	2.00	17.59	991.20	1008.80
7.120	240.00	798.41	2.00	17.63	991.19	1008.81
7.420	240.00	686.99	30.00	17.53	991.23	1008.77
7.420	240.00	728.27	30.00	17.57	991.21	1008.79
7.420	240.00	765.72	30.00	17.61	991.19	1008.81
7.420	240.00	798.45	30.00	17.65	991.18	1008.82
7.450	240.00	686.99	3.00	17.66	991.17	1008.83
7.450	240.00	728.27	3.00	17.70	991.15	1008.85
7.450	240.00	765.73	3.00	17.74	991.13	1008.87
7.450	240.00	798.45	3.00	17.78	991.11	1008.89
7.750	240.00	687.09	30.00	34.82	980.18	1015.00
7.750	240.00	728.37	30.00	35.30	979.70	1015.00
7.750	240.00	765.83	30.00	35.81	979.19	1015.00
7.750	240.00	798.55	30.00	36.00	979.00	1015.00
9.500	240.00	687.67	175.00	35.00	979.00	1014.00
9.500	240.00	728.96	175.00	35.00	979.00	1014.00
9.500	240.00	766.43	175.00	35.00	979.00	1014.00
9.500	240.00	799.17	175.00	35.00	979.00	1014.00
9.780	240.00	687.74	28.00	35.00	980.00	1015.00
9.780	240.00	729.04	28.00	35.00	980.00	1015.00
9.780	240.00	766.51	28.00	35.00	980.00	1015.00
9.780	240.00	799.25	28.00	35.00	980.00	1015.00
9.790	240.00	687.74	1.00	35.00	980.00	1015.00
9.790	240.00	729.04	1.00	35.00	980.00	1015.00
9.790	240.00	766.52	1.00	35.00	980.00	1015.00
9.790	240.00	799.25	1.00	35.00	980.00	1015.00
10.000	240.00	687.77	21.00	35.00	980.00	1015.00
10.000	240.00	729.07	21.00	35.00	980.00	1015.00
10.000	240.00	766.54	21.00	35.00	980.00	1015.00
10.000	240.00	799.28	21.00	35.00	980.00	1015.00
10.010	240.00	687.77	1.00	35.00	980.00	1015.00
10.010	240.00	729.07	1.00	35.00	980.00	1015.00
10.010	240.00	766.55	1.00	35.00	980.00	1015.00
10.010	240.00	799.29	1.00	35.00	980.00	1015.00
10.250	240.00	687.85	24.00	35.00	979.00	1014.00
10.250	240.00	729.15	24.00	35.00	979.00	1014.00
10.250	240.00	766.63	24.00	35.00	979.00	1014.00
10.250	240.00	799.36	24.00	35.00	979.00	1014.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
18.000	240.00	690.79	775.00	35.00	979.00	1014.00
18.000	240.00	732.12	775.00	35.00	979.00	1014.00
18.000	240.00	769.63	775.00	35.00	979.00	1014.00
18.000	240.00	802.40	775.00	35.00	979.00	1014.00
26.000	240.00	693.70	800.00	32.50	981.50	1014.00
26.000	240.00	735.07	800.00	32.50	981.50	1014.00
26.000	240.00	772.61	800.00	32.50	981.50	1014.00
26.000	240.00	805.42	800.00	32.50	981.50	1014.00
31.650	120.00	695.54	565.00	29.50	983.50	1013.00
31.650	120.00	736.93	565.00	29.50	983.50	1013.00
31.650	120.00	774.49	565.00	29.50	983.50	1013.00
31.650	120.00	807.32	565.00	29.50	983.50	1013.00
32.000	120.00	695.65	35.00	29.50	983.50	1013.00
32.000	120.00	737.04	35.00	29.50	983.50	1013.00
32.000	120.00	774.60	35.00	29.50	983.50	1013.00
32.000	120.00	807.43	35.00	29.50	983.50	1013.00
33.150	120.00	696.00	115.00	29.50	983.50	1013.00
33.150	120.00	737.39	115.00	29.50	983.50	1013.00
33.150	120.00	774.96	115.00	29.50	983.50	1013.00
33.150	120.00	807.79	115.00	29.50	983.50	1013.00
33.450	120.00	696.09	30.00	27.41	986.30	1013.70
33.450	120.00	737.48	30.00	27.55	986.22	1013.78
33.450	120.00	775.05	30.00	27.71	986.14	1013.66
33.450	120.00	807.88	30.00	27.87	986.07	1013.93
33.900	120.00	696.23	45.00	80.00	960.00	1040.00
33.900	120.00	737.62	45.00	80.00	960.00	1040.00
33.900	120.00	775.19	45.00	80.00	960.00	1040.00
33.900	120.00	808.03	45.00	80.00	960.00	1040.00
34.350	120.00	696.38	45.00	40.00	980.00	1020.00
34.350	120.00	737.78	45.00	40.00	980.00	1020.00
34.350	120.00	775.35	45.00	40.00	980.00	1020.00
34.350	120.00	808.19	45.00	40.00	980.00	1020.00
39.900	120.00	698.19	555.00	45.00	975.00	1020.00
39.900	120.00	739.60	555.00	45.00	975.00	1020.00
39.900	120.00	777.19	555.00	45.00	975.00	1020.00
39.900	120.00	810.05	555.00	45.00	975.00	1020.00
40.250	120.00	698.32	35.00	51.70	975.00	1026.70
40.250	120.00	739.73	35.00	51.70	975.00	1026.70
40.250	120.00	777.33	35.00	51.70	975.00	1026.70
40.250	120.00	810.18	35.00	51.70	975.00	1026.70

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
40.800	120.00	698.56	55.00	50.67	975.00	1025.67
40.800	120.00	739.97	55.00	50.67	975.00	1025.67
40.800	120.00	777.57	55.00	50.67	975.00	1025.67
40.800	120.00	810.43	55.00	50.67	975.00	1025.67
41.150	120.00	698.69	35.00	50.00	980.00	1030.00
41.150	120.00	740.11	35.00	50.00	980.00	1030.00
41.150	120.00	777.71	35.00	50.00	980.00	1030.00
41.150	120.00	810.56	35.00	50.00	980.00	1030.00
59.900	120.00	704.42	1875.00	40.00	980.00	1020.00
59.900	120.00	745.88	1875.00	40.00	980.00	1020.00
59.900	120.00	783.53	1875.00	40.00	980.00	1020.00
59.900	120.00	816.43	1875.00	40.00	980.00	1020.00

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 50.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 50.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 50.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 50.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 50.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 50.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 50.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 50.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

THIS RUN EXECUTED 04/10/90 11:47:28

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY VANSICKLE MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINBP.K2 -- 100-YEAR STORM -- EXIST. DEV. -- EXIST. CHANNEL
 T3 MAIN "B" -- -2' START ELEV @ PUMP STA -- WSEL: ALLIGPUM.BP

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	D	WSEL	FD
	0.	2.	0.	0.	.000000	.00	.0	0.	100.100	.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNOM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	38.000	1.000	50.000	51.000	2.000	5.000	26.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000

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

	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
--	---------	---------	------	------	------	------	------	------	------	------

NC	.100	.100	.040	.100	.300	.000	.000	.000	.000	.000
BT	1.000	4740.000	.000	.000	.000	.000	.000	.000	.000	.000

CONFLUENCE WITH MAIN OUTFALL CHANNEL

X1	.000	30.000	9892.000	10096.000	.000	.000	.000	.000	100.000	.000
X3	.000	-13.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	.000	9000.000	.000	9864.000	3.000	9872.000	3.000	9892.000	.900	9896.000
GR	-7.300	9912.000	-7.700	9912.800	-14.900	9925.000	-14.000	9932.000	-14.000	9932.800
GR	-14.000	9952.000	-14.000	9952.800	-14.000	9972.000	-14.000	9972.800	-14.000	9992.000
GR	-14.000	9992.800	-14.000	10012.000	-14.000	10012.800	-14.000	10032.000	-14.000	10032.800
GR	-14.000	10052.000	-14.000	10052.800	-14.000	10070.000	-12.900	10072.000	-12.500	10072.800
GR	-.200	10096.000	3.000	10102.000	3.000	10122.000	.000	10128.000	.000	11000.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

DOWNSTREAM FACE OF HWY 73 BRIDGE

X1	.680	28.000	9894.000	10202.000	68.000	68.000	68.000	.000	100.000	.000
X3	.000	-13.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	39.000	9870.000	106.500	106.500	9870.000	106.500	106.500	9876.000	110.500	107.000
BT	9876.000	110.500	106.500	9878.000	110.500	105.500	9878.000	110.500	107.000	9904.000
BT	110.500	107.000	9904.000	110.500	96.000	9906.000	110.500	95.000	9906.000	110.500
BT	107.000	9934.000	110.500	107.000	9934.000	110.500	86.000	9936.000	110.500	86.000
BT	9936.000	110.500	107.000	9966.000	110.500	107.000	9966.000	110.500	86.000	9968.000
BT	110.500	86.000	9968.000	110.500	107.000	9996.000	110.500	107.000	9996.000	110.500

DOWNSTREAM FACE OF 9-TH AVENUE BRIDGE

X1	139.000	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	.000	1.560	2.500	.000	20.000	.000	706.000	2.000	91.000	91.000

UPSTREAM FACE OF 9-TH AVENUE BRIDGE

X1	139.360	.000	.000	.000	36.000	36.000	36.000	.000	.000	.000
X2	.000	.000	1.000	103.930	109.430	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	950.000	109.430	103.930	960.000	109.430	103.930	1040.000	109.430	103.930
BT	1050.000	109.430	103.930	.000	.000	.000	.000	.000	.000	.000

X1	139.900	.000	.000	.000	54.000	54.000	54.000	.000	.000	.000
BT	1.000	2020.000	.000	.000	.000	.000	.000	.000	.000	.000

CONFLUENCE OF TRIBUTARY B-2

X1	155.000	21.000	1019.000	1145.000	1160.000	1760.000	1510.000	.000	102.000	.000
X3	.000	-8.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.500	1000.000	3.200	1010.000	2.800	1019.000	-1.100	1021.000	-2.300	1030.000
GR	-4.100	1040.000	-10.500	1050.000	-10.500	1060.000	-11.000	1070.000	-11.500	1080.000
GR	-11.800	1090.000	-11.500	1100.000	-12.300	1110.000	-11.700	1120.000	-3.300	1130.000
GR	-.300	1140.000	.100	1143.000	3.000	1145.000	3.600	1150.000	4.300	1160.000
GR	4.800	1170.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	167.000	.000	.000	.000	2200.000	.100	1200.000	.000	2.000	.000
X3	.000	-7.500	.000	.000	.000	.000	.000	.000	.000	.000

NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
X1	187.000	10.000	971.000	1029.500	2000.000	2000.000	2000.000	.000	100.000	.000
X3	.000	-6.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.510	940.000	3.350	955.000	2.610	971.000	.610	975.000	-7.310	991.000
GR	-7.310	1009.000	.710	1025.000	2.910	1029.500	3.410	1035.000	4.010	1060.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	189.000	5.000	969.750	1030.500	110.000	260.000	190.000	.000	100.000	.000
GR	5.410	940.000	5.010	951.000	3.710	969.750	1.010	975.000	-7.010	991.000
GR	-7.010	1009.000	1.210	1025.000	3.910	1030.500	4.150	1060.000	.000	.000

DOWNSTREAM FACE OF BSU BRIDGE

X1	189.350	.000	.000	.000	35.000	35.000	35.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.050	1.560	2.500	.000	18.000	5.000	392.900	2.000	93.000	92.990

UPSTREAM FACE OF BSU BRIDGE - CONFLUENCE OF LATERAL B-3 TRIBUTARY

X1	189.670	.000	.000	.000	32.000	32.000	32.000	.000	.000	.000
X2	.000	.000	1.000	101.350	107.170	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	940.000	107.170	107.170	971.000	107.170	103.710	977.000	107.170	101.350
BT	1023.000	107.170	101.350	1030.500	107.170	103.910	1060.000	107.170	107.170	.000

QT	1.000	1500.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	190.820	10.000	963.000	1025.000	140.000	50.000	115.000	.000	100.000	.000
GR	5.810	940.000	5.410	950.000	2.010	963.000	1.010	975.000	-6.900	991.000
BR	-6.900	1009.000	1.110	1025.000	5.010	1033.000	5.510	1035.000	5.610	1045.000

CONFLUENCE OF LATERAL B-4 TRIBUTARY

QT	1.000	1400.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	197.850	11.000	972.750	1029.250	700.000	700.000	700.000	.000	100.000	.000
GR	3.310	958.000	3.010	972.750	1.810	975.000	-6.210	991.000	-6.210	1009.000
BR	1.910	1025.000	4.010	1029.250	2.510	1035.000	3.010	1055.000	3.610	1060.000
BR	4.210	1065.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	206.850	10.000	970.000	1028.000	900.000	900.000	900.000	.000	100.000	.000
GR	5.210	970.000	2.710	975.000	-5.310	991.000	-5.310	1009.000	2.810	1025.000
BR	4.410	1028.000	4.410	1033.000	3.610	1038.000	4.010	1045.000	5.010	1055.000

X1	213.100	11.000	971.500	1029.000	625.000	625.000	625.000	.000	100.000	.000
GR	6.000	958.000	5.110	971.500	3.360	975.000	-4.690	991.000	-4.690	1009.000
BR	3.310	1025.000	5.310	1029.000	5.610	1031.000	4.910	1045.000	5.110	1056.000
BR	6.110	1065.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	216.350	8.000	972.000	1027.500	325.000	325.000	325.000	.000	100.000	.000
GR	8.810	959.000	8.110	972.000	6.710	975.000	-1.300	991.000	-1.300	1009.000
BR	1.710	1025.000	7.910	1027.500	8.210	1035.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HWY 365 CULVERT

X1	217.050	8.000	969.000	1038.000	70.000	70.000	70.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.480	959.000	6.480	969.000	4.210	976.000	-9.990	990.000	-9.990	1020.800
BR	4.610	1037.800	6.480	1038.000	6.480	1040.000	.000	.000	.000	.000

UPSTREAM FACE OF HWY 365 CULVERT

SB	1.250	1.560	2.600	.000	30.800	2.800	168.000	.100	99.010	99.050
X1	217.650	.000	.000	.000	60.000	60.000	60.000	.000	.040	.000
X2	.000	.000	1.000	105.010	106.480	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	959.000	106.480	106.480	993.000	106.480	99.010	993.000	106.480	105.010
BT	1015.300	106.480	105.010	1015.300	106.480	99.010	1037.800	106.480	106.480	.000

X1	218.350	9.000	981.500	1021.000	70.000	70.000	70.000	.000	100.000	.000
GR	6.810	965.000	6.710	977.000	6.010	981.500	4.910	983.500	-2.230	991.000
BR	-2.230	1009.000	5.010	1016.500	5.410	1021.000	5.810	1032.000	.000	.000

X1	225.650	9.000	983.500	1016.500	730.000	730.000	730.000	.000	100.000	.000
GR	8.010	962.000	8.410	966.000	9.310	972.000	7.010	983.500	1.020	991.000
BR	1.020	1009.000	7.110	1016.500	7.110	1019.500	7.110	1028.000	.000	.000

BT	1.000	895.000	.000	.000	.000	.000	.000	.000	.000	.000
CONFLUENCE OF LATERAL B-5 TRIBUTARY										
X1	233.000	8.000	973.000	1018.000	735.000	735.000	735.000	.000	100.000	.000
GR	13.210	963.000	12.710	973.000	6.910	985.000	2.160	994.500	2.160	1006.500
GR	7.210	1014.500	9.710	1018.000	10.410	1030.000	.000	.000	.000	.000
X1	234.000	8.000	975.000	1015.000	90.000	50.000	100.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	7.610	985.000	2.610	995.000	2.610	1001.000
GR	7.710	1011.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	237.000	.000	.000	.000	300.000	300.000	300.000	.000	.990	.000
DOWNSTREAM FACE OF 3-60" RCP CULVERTS										
X1	237.200	23.000	990.000	1010.000	20.000	20.000	20.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	10.910	990.000	6.010	992.000	4.400	992.500	3.700	993.500	3.510	994.500
GR	3.700	995.500	4.400	995.500	6.010	997.900	6.510	997.500	5.000	998.000
GR	4.200	999.000	4.010	1000.000	4.200	1001.000	5.000	1002.000	6.510	1002.500
GR	6.140	1003.000	4.600	1003.500	3.800	1004.500	3.640	1005.500	3.800	1006.500
GR	4.600	1007.500	6.140	1008.000	10.910	1010.000	.000	.000	.000	.000
X1	237.210	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	23.000	990.000	110.910	110.910	992.000	110.910	106.010	992.500	110.910	107.400
BT	992.500	110.910	108.300	994.500	110.910	108.510	995.500	110.910	108.300	996.500
BT	110.910	107.400	997.000	110.910	106.010	997.500	110.910	106.510	998.000	110.910
BT	108.000	999.000	110.910	108.800	1000.000	110.910	109.010	1001.000	110.910	108.800
BT	1002.000	110.910	108.000	1002.500	110.910	106.510	1003.000	110.910	106.140	1003.500
BT	110.910	107.500	1004.500	110.910	108.400	1005.500	110.910	108.640	1006.500	110.910
BT	108.400	1007.500	110.910	107.500	1008.000	110.910	106.140	1010.000	110.910	110.910
X1	237.380	.000	.000	.000	17.000	17.000	17.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
UPSTREAM FACE OF 3-60" RCP CULVERTS										
X1	237.400	.000	.000	.000	2.000	2.000	2.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	237.600	8.000	975.000	1011.000	20.000	20.000	20.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	8.800	985.000	3.800	995.000	3.800	1001.000
GR	8.900	1011.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000
X1	245.200	8.000	975.000	1011.000	760.000	760.000	760.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.470	985.000	5.470	995.000	5.470	1001.000
GR	10.570	1011.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000
X1	245.700	8.000	975.000	1008.000	50.000	50.000	50.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	985.000	5.580	992.500	5.580	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000

QT	1.000	565.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	255.700	8.000	975.000	1008.000	1000.000	1000.000	1000.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	985.000	7.180	992.500	7.180	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000

DOWNSTREAM FACE OF AVENUE H CULVERT

X1	255.200	6.000	980.000	1020.000	50.000	50.000	50.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	13.900	960.000	13.900	980.000	7.200	993.750	7.200	1006.300	13.900	1020.000
GR	13.900	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	10.500	.500	60.000	.100	107.200	107.200
----	-------	-------	-------	------	--------	------	--------	------	---------	---------

UPSTREAM FACE OF AVENUE H CULVERT

X1	256.500	.000	.000	.000	30.000	30.000	30.000	.707	.000	.000
X2	.000	.000	1.000	112.200	113.900	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	980.000	113.900	113.900	993.750	113.900	107.200	993.750	113.900	112.200
BT	1006.300	113.900	112.200	1006.300	113.900	107.200	1020.000	113.900	113.900	.000

X1	256.900	8.000	975.000	1008.000	40.000	40.000	40.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	985.000	7.280	992.500	7.280	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000

X1	261.600	8.000	975.000	1008.000	470.000	470.000	470.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	984.000	8.000	991.500	8.000	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000

DOWNSTREAM FACE OF 13-TH STREET CULVERT

X1	261.900	6.000	977.750	1022.250	30.000	30.000	30.000	.866	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.550	960.000	14.550	977.750	8.000	987.500	8.000	1012.500	14.550	1022.250
GR	14.550	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	25.000	1.000	120.000	.100	108.000	108.000
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF 13-TH STREET CULVERT

X1	262.200	.000	.000	.000	30.000	30.000	30.000	.866	.000	.000
X2	.000	.000	1.000	113.000	114.550	.000	.000	.000	.866	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	977.750	114.550	114.550	987.500	114.550	108.000	987.500	114.550	113.000
BT	1012.500	114.550	113.000	1012.500	114.550	108.000	1022.250	114.550	114.550	.000

X1	262.500	8.000	975.000	1008.000	30.000	30.000	30.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	984.000	8.050	991.500	8.050	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	266.200	10.000	983.000	1012.300	370.000	370.000	370.000	.000	100.000	.000
GR	13.810	978.000	13.810	983.000	13.710	987.800	12.690	989.000	8.190	996.000
GR	8.190	1004.000	12.690	1010.800	13.710	1012.300	14.110	1021.800	14.410	1026.000

DOWNSTREAM FACE OF 12-TH STREET CULVERT

X1	266.500	6.000	976.000	1024.000	30.000	30.000	30.000	.000	100.000	.000
GR	14.650	960.000	14.650	976.000	8.190	989.000	8.190	1011.000	14.650	1024.000
SR	14.650	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	22.000	2.000	100.000	.100	108.190	108.190
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF 12-TH STREET CULVERT

X1	266.750	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X2	.000	.000	1.000	113.190	114.750	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	976.000	114.650	114.650	989.000	114.650	108.190	989.000	114.650	113.190
BT	1011.000	114.650	113.190	1011.000	114.650	108.190	1024.000	114.650	114.650	.000

X1	267.050	10.000	983.000	1012.300	30.000	30.000	30.000	.000	100.000	.000
GR	13.810	978.000	13.810	983.000	13.710	987.800	12.730	989.000	8.230	996.000
SR	8.230	1004.000	12.730	1010.800	13.710	1012.300	14.110	1021.800	14.410	1026.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	270.050	8.000	989.000	1011.000	300.000	300.000	300.000	.000	100.000	.000
GR	13.910	978.500	13.550	988.000	12.960	989.000	8.510	996.000	8.510	1004.000
SR	13.010	1011.000	13.910	1012.500	14.310	1017.000	.000	.000	.000	.000

BT	1.000	370.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

DOWNSTREAM FACE OF HWY 347 CULVERT

X1	270.350	8.000	978.000	1025.000	30.000	30.000	30.000	.845	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.700	970.000	14.700	975.000	12.910	978.000	6.910	987.000	6.910	1014.000
GR	14.200	1025.000	14.200	1029.000	14.700	1040.000	.000	.000	.000	.000

SB	1.250	1.570	2.600	.000	28.400	1.750	100.000	.100	107.210	106.910
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF HWY 347 CULVERT

X1	271.850	.000	.000	.000	130.000	130.000	130.000	.845	.000	.000
X2	.000	.000	1.000	111.910	114.700	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	978.000	114.700	112.910	987.000	114.700	111.910	1014.000	114.700	111.910
BT	1025.000	114.700	114.200	.000	.000	.000	.000	.000	.000	.000

X1	271.850	8.000	983.000	1017.000	20.000	20.000	20.000	.000	100.000	.000
GR	14.500	970.000	14.900	983.000	13.740	984.700	8.540	992.500	8.540	1007.500
GR	13.710	1015.300	14.900	1017.000	14.500	1030.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	271.860	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
----	---------	------	------	------	-------	-------	-------	------	------	------

DOWNSTREAM FACE OF KCS RR BRIDGE

X1	272.000	8.000	988.000	1011.000	14.000	14.000	14.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	16.710	980.000	13.410	984.500	13.710	988.000	8.540	995.000	8.540	1005.000
GR	14.710	1011.000	16.310	1014.000	16.710	1016.500	.000	.000	.000	.000

SB 1.050 1.560 2.600 .000 10.000 3.000 150.900 1.500 108.540 108.540
 UPSTREAM FACE OF KCS RR BRIDGE

X1 272.100 .000 .000 .000 10.000 10.000 10.000 .000 .000 .000
 X2 .000 .000 1.000 115.710 119.010 .000 .000 .000 .000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 BT 4.000 980.000 119.010 115.710 988.000 119.010 115.710 1011.000 119.010 115.710
 BT 1016.500 119.010 115.710 .000 .000 .000 .000 .000 .000 .000

X1 272.400 8.000 975.500 1005.000 30.000 30.000 30.000 .000 100.000 .000
 GR 14.010 975.000 14.010 975.500 12.510 980.000 8.600 985.000 8.600 994.000
 BR 12.610 1000.000 13.210 1001.300 14.510 1005.000 .000 .000 .000 .000

BT 1.000 170.000 .000 .000 .000 .000 .000 .000 .000 .000
 NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000
 X1 284.100 7.000 985.000 1011.200 1170.000 1170.000 1170.000 .000 100.000 .000
 BR 13.810 985.000 13.650 990.000 9.650 996.000 9.650 1004.000 13.650 1010.000
 BR 14.110 1011.200 15.010 1024.500 .000 .000 .000 .000 .000 .000

DOWNSTREAM FACE OF 9-TH STREET CULVERT

X1 284.600 6.000 985.500 1014.500 50.000 50.000 50.000 .000 100.000 .000
 X2 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 BR 15.800 980.000 15.800 985.500 9.650 994.800 9.650 1005.300 15.800 1014.500
 BR 15.300 1020.000 .000 .000 .000 .000 .000 .000 .000 .000

SB 1.250 1.560 2.600 .000 10.500 .500 50.000 .100 109.650 109.650
 UPSTREAM FACE OF 9-TH STREET CULVERT

X1 284.900 .000 .000 .000 30.000 30.000 30.000 .000 .000 .000
 X2 .000 .000 1.000 114.650 115.800 .000 .000 .000 .000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 BT 5.000 985.500 115.800 115.600 994.800 115.800 109.650 994.800 115.800 114.650
 BT 1005.300 115.800 114.650 1005.300 115.800 109.650 1014.500 115.800 115.800 .000

X1 285.200 7.000 985.000 1011.200 30.000 30.000 30.000 .000 100.000 .000
 BR 13.510 985.000 13.650 990.000 9.650 996.000 9.650 1004.000 13.650 1010.000
 BR 14.110 1011.200 15.010 1024.500 .000 .000 .000 .000 .000 .000

NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000
 X1 294.400 8.000 985.000 1008.000 920.000 920.000 920.000 .000 100.000 .000
 BR 16.010 980.000 15.910 985.000 14.750 987.000 10.700 993.000 10.700 1001.000
 BR 14.750 1007.000 15.210 1008.000 16.210 1017.000 .000 .000 .000 .000

DOWNSTREAM FACE OF 6-TH STREET CULVERT

X1 294.700 6.000 982.000 1017.800 30.000 30.000 30.000 .000 100.000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 BR 19.000 975.000 19.000 982.000 10.700 994.800 10.700 1005.300 19.000 1017.800
 BR 19.000 1025.000 .000 .000 .000 .000 .000 .000 .000 .000

SB 1.250 1.560 2.600 .000 10.500 .500 50.000 .100 110.700 110.700

THIS RUN EXECUTED 04/10/90 12:07:05

 HED2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION APRIL 1985

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

MAIN "B" -- -2' START EL

SUMMARY PRINTOUT

SECD	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	Q.CB	QCH	BRGB
.000	100.10	.00	.00	.00	1.27	2.08	.07	4740.00	3.11	4733.74	3.14
.000	101.00	.90	.00	.00	.90	1.83	.05	4740.00	121.77	4495.24	122.99
.000	101.50	.60	.00	.00	.70	1.66	.04	4740.00	234.63	4268.34	237.03
.000	102.10	.50	.00	.00	.56	1.52	.03	4740.00	331.59	4073.37	335.04
.680	100.16	.00	.06	.00	.88	1.37	.03	4740.00	.00	4740.00	.00
.680	101.04	.88	.04	.00	.73	1.28	.03	4740.00	.00	4740.00	.00
.680	101.62	.59	.02	.00	.65	1.22	.02	4740.00	.00	4740.00	.00
.680	102.12	.49	.02	.00	.59	1.18	.02	4740.00	.00	4740.00	.00
1.440	100.16	.00	.01	.00	.91	1.39	.03	4740.00	.00	4740.00	.00
1.440	101.04	.88	.01	.00	.76	1.30	.03	4740.00	.00	4740.00	.00
1.440	101.63	.59	.00	.00	.67	1.24	.02	4740.00	.00	4740.00	.00
1.440	102.12	.49	.00	.00	.61	1.20	.02	4740.00	.00	4740.00	.00
2.800	100.18	.00	.02	.00	4.51	2.35	.09	4740.00	4.75	4730.46	4.73
2.800	101.06	.88	.02	.00	3.40	2.06	.06	4740.00	222.35	4293.29	224.36
2.800	101.65	.59	.02	.00	2.64	1.81	.04	4740.00	431.71	3872.76	435.53
2.800	102.15	.50	.03	.00	2.55	1.54	.03	4740.00	574.30	3385.47	580.23
4.800	100.24	.00	.06	.00	1.65	2.26	.08	4740.00	.00	4740.00	.00
4.800	101.10	.86	.04	.00	1.18	2.00	.06	4740.00	97.45	4544.18	98.36
4.800	101.68	.58	.03	.00	.91	1.81	.05	4740.00	211.13	4315.72	213.15
4.800	102.17	.49	.02	.00	.73	1.66	.04	4740.00	312.05	4112.24	315.11
20.000	100.57	.00	.33	.00	5.02	3.91	.24	4740.00	10.43	4718.20	11.32
20.000	101.33	.76	.23	.00	3.98	3.60	.20	4740.00	46.47	4642.87	50.67
20.000	101.86	.52	.18	.00	3.44	3.40	.17	4740.00	77.89	4577.21	84.91
20.000	102.31	.45	.14	.00	3.05	3.23	.15	4740.00	107.58	4515.16	117.25
59.000	101.88	.00	1.31	.00	1.42	2.21	.08	2890.00	.02	2889.68	.09
59.000	102.41	.53	1.08	.00	1.23	2.12	.07	2890.00	.24	2889.58	.19
59.000	102.81	.39	.95	.00	1.11	2.05	.07	2890.00	.61	2889.12	.27
59.000	103.16	.35	.85	.00	1.02	2.00	.06	2890.00	1.26	2888.38	.36

SECNO	DWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	GL08	QCH	CR08
60.000	101.88	.00	.00	.00	2.75	2.69	.11	2890.00	.00	2890.00	.00
60.000	102.42	.53	.00	.00	2.33	2.55	.10	2890.00	.00	2890.00	.00
60.000	102.81	.39	.00	.00	2.10	2.45	.09	2890.00	.00	2890.00	.00
60.000	103.16	.35	.00	.00	2.05	2.36	.09	2890.00	.40	2889.57	.03
84.300	102.48	.00	.60	.00	1.84	2.36	.09	2890.00	.71	2889.16	.13
84.300	102.93	.45	.51	.00	1.60	2.26	.08	2890.00	1.08	2887.86	1.07
84.300	103.27	.34	.46	.00	1.45	2.20	.07	2890.00	1.49	2886.24	2.27
84.300	103.59	.32	.43	.00	1.32	2.13	.07	2890.00	2.06	2884.23	3.71
88.300	102.59	.00	.11	.00	4.23	2.31	.08	2890.00	.00	2890.00	.00
88.300	103.03	.44	.10	.00	3.88	2.22	.08	2890.00	.00	2890.00	.00
88.300	103.38	.35	.11	.00	6.42	2.16	.07	2890.00	.00	2890.00	.00
88.300	103.69	.31	.10	.00	6.42	2.16	.07	2890.00	.00	2890.00	.00
89.000	102.62	.00	.03	.00	4.20	2.30	.08	2890.00	.00	2890.00	.00
89.000	103.05	.44	.03	.00	3.87	2.21	.08	2890.00	.00	2890.00	.00
89.000	103.42	.37	.04	.00	6.42	2.16	.07	2890.00	.00	2890.00	.00
89.000	103.74	.31	.04	.00	6.42	2.16	.07	2890.00	.00	2890.00	.00
90.000	102.65	.00	.03	.00	1.64	2.19	.07	2890.00	.00	2890.00	.00
90.000	103.08	.43	.03	.00	1.44	2.10	.07	2890.00	.05	2889.95	.00
90.000	103.46	.37	.03	.00	1.29	2.03	.06	2890.00	.46	2889.49	.05
90.000	103.77	.32	.04	.00	1.18	1.97	.06	2890.00	1.32	2888.45	.24
107.000	102.98	.00	.33	.00	2.57	2.52	.10	2890.00	.02	2889.98	.00
107.000	103.37	.39	.29	.00	2.23	2.41	.09	2890.00	.41	2889.55	.04
107.000	103.71	.34	.26	.00	1.98	2.33	.08	2890.00	1.46	2888.30	.24
107.000	104.01	.29	.24	.00	1.80	2.26	.08	2890.00	2.77	2886.59	.64
107.500	102.99	.00	.00	.00	3.80	2.79	.12	2890.00	.00	2890.00	.00
107.500	103.38	.39	.00	.00	3.24	2.66	.11	2890.00	.02	2889.98	.00
107.500	103.72	.34	.00	.00	2.83	2.55	.10	2890.00	.05	2889.93	.01
107.500	104.01	.29	.00	.00	2.53	2.47	.09	2890.00	.09	2889.88	.03
107.860	102.99	.00	.00	.00	3.80	2.79	.12	2890.00	.00	2890.00	.00
107.860	103.38	.39	.00	.00	3.24	2.66	.11	2890.00	.02	2889.98	.00
107.860	103.72	.34	.00	.00	2.83	2.56	.10	2890.00	.05	2889.93	.01
107.860	104.01	.29	.00	.00	2.53	2.47	.09	2890.00	.09	2889.88	.03
108.400	103.06	.00	.06	.00	2.50	2.50	.10	2890.00	.04	2889.96	.00
108.400	103.44	.38	.05	.00	2.19	2.40	.09	2890.00	.54	2889.39	.06
108.400	103.77	.33	.05	.00	1.95	2.32	.08	2890.00	1.64	2888.07	.29
108.400	104.06	.29	.04	.00	1.77	2.25	.08	2890.00	2.97	2886.32	.71
134.500	103.60	.00	.54	.00	1.37	1.91	.06	2315.00	.56	2314.37	.07
134.500	103.92	.32	.48	.00	1.23	1.85	.05	2315.00	1.51	2313.21	.28
134.500	104.20	.29	.43	.00	1.12	1.79	.05	2315.00	2.60	2311.75	.65
134.500	104.45	.25	.40	.00	1.03	1.75	.05	2315.00	3.68	2310.18	1.15

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K#S	VCH	HV	Q	QLOB	QCH	QROB
138.500	103.63	.00	.03	.00	6.09	3.56	.20	2315.00	.32	2314.35	.32
138.500	103.94	.31	.03	.00	5.36	3.43	.18	2315.00	.94	2313.12	.94
138.500	104.22	.28	.02	.00	4.79	3.32	.17	2315.00	1.94	2311.12	1.94
138.500	104.47	.25	.02	.00	4.36	3.22	.16	2315.00	2.94	2309.12	2.94
139.000	103.66	.00	.03	.00	6.02	3.55	.20	2315.00	.36	2314.28	.36
139.000	103.97	.31	.03	.00	5.31	3.42	.18	2315.00	1.01	2312.97	1.01
139.000	104.25	.28	.02	.00	4.76	3.31	.17	2315.00	2.00	2311.00	2.00
139.000	104.49	.25	.02	.00	4.33	3.22	.16	2315.00	3.00	2309.01	3.00
139.360	103.68	.00	.02	.00	5.95	3.54	.19	2315.00	.40	2314.19	.40
139.360	104.05	.37	.08	.00	5.13	3.38	.18	2315.00	1.31	2312.38	1.31
139.360	104.34	.29	.09	.00	4.57	3.27	.17	2315.00	2.41	2310.17	2.41
139.360	104.60	.25	.10	.00	4.15	3.18	.16	2315.00	3.48	2308.04	3.48
139.900	103.72	.00	.03	.00	5.87	3.53	.19	2315.00	.46	2314.08	.46
139.900	104.08	.36	.03	.00	5.07	3.37	.18	2315.00	1.41	2312.18	1.41
139.900	104.37	.29	.03	.00	4.53	3.26	.16	2315.00	2.51	2309.97	2.51
139.900	104.62	.25	.02	.00	4.12	3.17	.16	2315.00	3.58	2307.84	3.58
155.000	104.35	.00	.64	.00	1.78	1.96	.06	2020.00	.00	2020.00	.00
155.000	104.65	.29	.57	.00	1.59	1.89	.06	2020.00	.00	2020.00	.00
155.000	104.89	.24	.52	.00	1.46	1.84	.05	2020.00	.00	2020.00	.00
155.000	105.10	.21	.48	.00	1.35	1.80	.05	2020.00	.05	2019.95	.00
167.000	104.63	.00	.28	.00	3.69	2.48	.10	2020.00	.00	2020.00	.00
167.000	104.90	.26	.25	.00	3.26	2.38	.09	2020.00	.00	2020.00	.00
167.000	105.11	.22	.23	.00	2.96	2.31	.08	2020.00	.00	2020.00	.00
167.000	105.31	.19	.21	.00	2.72	2.25	.08	2020.00	.00	2020.00	.00
167.000	104.93	.00	.29	.00	1.14	4.14	.26	2020.00	10.29	2002.10	7.60
167.000	105.16	.23	.26	.00	1.04	4.02	.25	2020.00	12.23	1998.36	9.40
167.000	105.35	.19	.23	.00	.96	3.92	.24	2020.00	13.66	1995.21	10.93
167.000	105.52	.17	.22	.00	.89	3.84	.23	2020.00	15.33	1992.34	12.33
189.000	104.96	.00	.03	.00	1.14	4.06	.25	2020.00	1.32	2014.71	3.97
189.000	105.18	.23	.03	.00	1.04	3.95	.24	2020.00	2.09	2012.47	5.44
189.000	105.37	.19	.03	.00	.96	3.86	.23	2020.00	2.91	2010.36	6.74
189.000	105.55	.17	.02	.00	.90	3.78	.22	2020.00	3.82	2008.20	7.98
189.350	104.96	.00	.00	.00	1.14	4.07	.26	2020.00	1.31	2014.74	3.95
189.350	105.19	.23	.00	.00	1.04	3.95	.24	2020.00	2.09	2012.49	5.42
189.350	105.38	.19	.00	.00	.96	3.86	.23	2020.00	2.50	2010.38	6.72
189.350	105.55	.17	.00	.00	.90	3.78	.22	2020.00	3.78	2008.28	7.94
189.670	105.37	.00	.41	.00	.97	3.86	.23	2020.00	2.87	2010.45	6.68
189.670	105.61	.24	.42	.00	.88	3.75	.22	2020.00	4.12	2007.52	8.37
189.670	105.81	.20	.43	.00	.81	3.66	.21	2020.00	5.28	2004.53	9.80
189.670	105.99	.18	.44	.00	.76	3.59	.20	2020.00	6.40	2002.49	11.11

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10X*5	VC+	HV	Q	GLDZ	GRH	GRDS
190.820	105.53	.00	.16	.00	.45	2.75	.12	1500.00	3.48	1492.10	3.42
190.820	105.76	.23	.15	.00	.43	2.53	.11	1500.00	4.11	1492.00	3.89
190.820	105.95	.13	.14	.00	.40	2.62	.11	1500.00	4.70	1490.93	4.37
190.820	105.12	.18	.13	.00	.37	2.57	.10	1500.00	5.29	1489.88	4.83
197.850	105.56	.00	.03	.00	.54	2.88	.13	1400.00	6.35	1375.72	17.52
197.850	105.78	.23	.03	.00	.50	2.80	.12	1400.00	6.99	1373.22	19.69
197.850	105.97	.19	.03	.00	.46	2.74	.11	1400.00	7.50	1371.34	21.15
197.850	105.15	.17	.02	.00	.43	2.68	.11	1400.00	7.95	1369.57	22.47
206.850	105.60	.00	.04	.00	.83	3.24	.16	1400.00	.00	1393.54	5.36
206.850	105.82	.22	.04	.00	.75	3.14	.15	1400.00	.00	1392.31	7.63
206.850	106.01	.19	.03	.00	.69	3.06	.14	1400.00	.00	1391.18	8.22
206.850	106.18	.17	.03	.00	.65	2.99	.14	1400.00	.00	1390.14	9.26
213.100	105.64	.00	.04	.00	1.05	3.51	.19	1400.00	.14	1358.55	1.31
213.100	105.86	.22	.04	.00	.95	3.40	.18	1400.00	.32	1397.34	2.33
213.100	106.04	.18	.04	.00	.87	3.31	.17	1400.00	.57	1395.02	3.35
213.100	106.21	.17	.03	.00	.81	3.23	.16	1400.00	.39	1394.71	4.40
216.350	105.57	.00	-.07	.00	3.53	5.39	.45	1400.00	.00	1400.00	.00
216.350	105.79	.22	-.07	.00	3.22	5.17	.42	1400.00	.00	1400.00	.00
216.350	105.98	.19	-.06	.00	2.91	5.00	.39	1400.00	.00	1400.00	.00
216.350	106.16	.17	-.06	.00	2.67	4.85	.35	1400.00	.00	1400.00	.00
217.050	105.84	.00	.27	.00	2.06	4.09	.26	1400.00	.00	1400.00	.00
217.050	106.04	.20	.24	.00	1.84	3.94	.24	1400.00	.00	1400.00	.00
217.050	106.21	.17	.23	.00	1.68	3.81	.23	1400.00	.00	1400.00	.00
217.050	106.37	.16	.21	.00	1.54	3.70	.21	1400.00	.00	1400.00	.00
217.650	107.05	.00	1.21	.00	1.08	3.31	.17	1400.00	.51	1399.40	.09
217.650	107.18	.14	1.15	.00	1.00	3.24	.15	1400.00	.72	1399.16	.12
217.650	107.30	.11	1.09	.00	.94	3.18	.16	1400.00	.90	1398.95	.15
217.650	107.40	.10	1.04	.00	.89	3.13	.15	1400.00	1.08	1398.75	.18
218.350	106.78	.00	-.27	.00	6.15	6.90	.74	1400.00	.40	1394.50	4.99
218.350	106.93	.15	-.25	.00	5.58	6.59	.69	1400.00	.85	1393.36	5.78
218.350	107.06	.13	-.24	.00	5.14	6.53	.66	1400.00	1.37	1392.21	5.42
218.350	107.18	.12	-.23	.00	4.73	6.39	.63	1400.00	1.92	1391.09	6.59
225.650	107.14	.00	.25	.00	12.00	8.94	1.24	1400.00	.00	1399.99	.01
225.650	107.24	.11	.31	.00	11.15	8.74	1.19	1400.00	.02	1399.78	.20
225.650	107.34	.09	.28	.00	10.46	8.58	1.14	1400.00	.04	1399.50	.46
225.650	107.42	.09	.25	.00	9.86	8.43	1.10	1400.00	.07	1399.16	.77
233.000	108.70	.00	1.56	.00	5.37	5.78	.52	895.00	.00	895.00	.00
233.000	108.71	.01	1.47	.00	5.32	5.76	.52	895.00	.00	895.00	.00
233.000	108.73	.02	1.39	.00	5.26	5.74	.51	895.00	.00	895.00	.00
233.000	108.75	.02	1.32	.00	5.19	5.71	.51	895.00	.00	895.00	.00

	SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*8	VCH	HV	G	GL03	GDH	GRDB
	234.000	108.46	.00	-.24	.00	16.43	8.56	1.16	895.00	.00	895.00	.00
	234.000	108.48	.02	-.23	.00	16.21	8.62	1.15	895.00	.00	895.00	.00
	234.000	108.50	.02	-.23	.00	15.95	8.56	1.14	895.00	.00	895.00	.00
	234.000	108.52	.03	-.22	.00	15.65	8.50	1.12	895.00	.00	895.00	.00
*	237.000	108.89	.00	.43	108.89	25.45	10.25	1.63	895.00	.00	895.00	.00
*	237.000	108.89	.00	.42	108.89	25.44	10.25	1.63	895.00	.00	895.00	.00
*	237.000	108.89	.00	.40	108.89	25.42	10.25	1.63	895.00	.00	895.00	.00
*	237.000	108.90	.00	.37	108.90	25.40	10.25	1.63	895.00	.00	895.00	.00
*	237.200	109.02	.00	.12	109.02	41.77	11.67	2.12	895.00	.00	895.00	.00
*	237.200	109.02	.00	.12	109.02	41.77	11.67	2.12	895.00	.00	895.00	.00
*	237.200	109.02	.00	.12	109.02	41.77	11.67	2.12	895.00	.00	895.00	.00
*	237.200	109.02	.00	.12	109.02	41.77	11.67	2.12	895.00	.00	895.00	.00
*	237.210	112.06	.00	3.05	112.06	105.82	11.31	1.98	895.00	.00	895.00	.00
*	237.210	112.06	.00	3.05	112.06	105.82	11.31	1.98	895.00	.00	895.00	.00
*	237.210	112.06	.00	3.05	112.06	105.82	11.31	1.98	895.00	.00	895.00	.00
*	237.210	112.06	.00	3.05	112.06	105.82	11.31	1.98	895.00	.00	895.00	.00
	237.380	113.21	.00	1.15	.00	46.24	8.76	1.19	895.00	.00	895.00	.00
	237.380	113.21	.00	1.15	.00	46.24	8.76	1.19	895.00	.00	895.00	.00
	237.380	113.21	.00	1.15	.00	46.24	8.76	1.19	895.00	.00	895.00	.00
	237.380	113.21	.00	1.15	.00	46.24	8.76	1.19	895.00	.00	895.00	.00
	237.400	114.26	.00	1.05	.00	3.61	4.97	.38	895.00	.00	895.00	.00
	237.400	114.26	.00	1.05	.00	3.61	4.97	.38	895.00	.00	895.00	.00
	237.400	114.26	.00	1.05	.00	3.61	4.97	.38	895.00	.00	895.00	.00
	237.400	114.26	.00	1.05	.00	3.61	4.97	.38	895.00	.00	895.00	.00
	237.600	114.56	.00	.30	.00	.75	3.18	.15	895.00	5.23	874.10	15.67
	237.600	114.56	.00	.30	.00	.75	3.18	.15	895.00	5.23	874.10	15.67
	237.600	114.56	.00	.30	.00	.75	3.18	.15	895.00	5.23	874.10	15.67
	237.600	114.56	.00	.30	.00	.75	3.18	.15	895.00	5.23	874.10	15.67
	245.200	114.60	.00	.04	.00	1.45	3.87	.23	895.00	7.37	868.48	19.16
	245.200	114.60	.00	.04	.00	1.45	3.87	.23	895.00	7.37	868.48	19.16
	245.200	114.60	.00	.04	.00	1.45	3.87	.23	895.00	7.37	868.48	19.16
	245.200	114.60	.00	.04	.00	1.45	3.87	.23	895.00	7.37	868.48	19.16
	245.700	114.60	.00	-.01	.00	1.72	4.16	.26	895.00	8.03	859.33	27.64
	245.700	114.60	.00	-.01	.00	1.72	4.16	.26	895.00	8.03	859.33	27.64
	245.700	114.60	.00	-.01	.00	1.72	4.16	.26	895.00	8.03	859.33	27.64
	245.700	114.60	.00	-.01	.00	1.72	4.16	.26	895.00	8.03	859.33	27.64
	255.700	114.90	.00	.31	.00	.81	2.80	.12	565.00	6.24	537.67	21.09
	255.700	114.90	.00	.31	.00	.81	2.80	.12	565.00	6.24	537.67	21.09
	255.700	114.90	.00	.31	.00	.81	2.80	.12	565.00	6.24	537.67	21.09
	255.700	114.90	.00	.31	.00	.81	2.80	.12	565.00	6.24	537.67	21.09

SECNO	CWSEL	DIFWSP	DIFWSX	DRWS	10X*6	VCH	HV	Q	QLOB	QCH	QRQB
256.200	114.93	.00	.02	.00	.79	2.58	.10	565.00	2.63	559.74	2.63
256.200	114.93	.00	.02	.00	.79	2.58	.10	565.00	2.63	559.74	2.63
256.200	114.93	.00	.02	.00	.79	2.58	.10	565.00	2.63	559.74	2.63
256.200	114.93	.00	.02	.00	.79	2.58	.10	565.00	2.63	559.74	2.63
256.500	115.50	.00	.58	.00	1.20	3.27	.16	565.00	4.71	555.58	4.71
256.500	115.50	.00	.58	.00	1.20	3.27	.16	565.00	4.71	555.58	4.71
256.500	115.50	.00	.58	.00	1.20	3.27	.16	565.00	4.71	555.58	4.71
256.500	115.50	.00	.58	.00	1.20	3.27	.16	565.00	4.71	555.58	4.71
256.900	115.60	.00	.09	.00	.57	2.52	.09	565.00	6.66	536.50	21.84
256.900	115.60	.00	.09	.00	.57	2.52	.09	565.00	6.66	536.50	21.84
256.900	115.60	.00	.09	.00	.57	2.52	.09	565.00	6.66	536.50	21.84
256.900	115.60	.00	.09	.00	.57	2.52	.09	565.00	6.66	536.50	21.84
261.600	115.62	.00	.02	.00	.62	2.60	.10	565.00	7.04	534.93	23.04
261.600	115.62	.00	.02	.00	.62	2.60	.10	565.00	7.04	534.93	23.04
261.600	115.62	.00	.02	.00	.62	2.60	.10	565.00	7.04	534.93	23.04
261.600	115.62	.00	.02	.00	.62	2.60	.10	565.00	7.04	534.93	23.04
261.900	115.64	.00	.02	.00	.57	2.35	.09	565.00	1.89	561.23	1.89
261.900	115.64	.00	.02	.00	.57	2.35	.09	565.00	1.89	561.23	1.89
261.900	115.64	.00	.02	.00	.57	2.35	.09	565.00	1.89	561.23	1.89
261.900	115.64	.00	.02	.00	.57	2.35	.09	565.00	1.89	561.23	1.89
262.200	115.84	.00	.19	.00	.71	2.62	.11	565.00	2.39	560.23	2.39
262.200	115.84	.00	.19	.00	.71	2.62	.11	565.00	2.39	560.23	2.39
262.200	115.84	.00	.19	.00	.71	2.62	.11	565.00	2.39	560.23	2.39
262.200	115.84	.00	.19	.00	.71	2.62	.11	565.00	2.39	560.23	2.39
262.500	115.85	.00	.02	.00	.56	2.52	.09	565.00	7.15	534.61	23.25
262.500	115.85	.00	.02	.00	.56	2.52	.09	565.00	7.15	534.61	23.25
262.500	115.85	.00	.02	.00	.56	2.52	.09	565.00	7.15	534.61	23.25
262.500	115.85	.00	.02	.00	.56	2.52	.09	565.00	7.15	534.61	23.25
266.200	115.83	.00	-.02	.00	1.73	3.64	.20	565.00	2.52	555.52	6.95
266.200	115.83	.00	-.02	.00	1.73	3.64	.20	565.00	2.52	555.52	6.95
266.200	115.83	.00	-.02	.00	1.73	3.64	.20	565.00	2.52	555.52	6.95
266.200	115.83	.00	-.02	.00	1.73	3.64	.20	565.00	2.52	555.52	6.95
266.500	116.03	.00	.19	.00	.37	1.92	.06	565.00	2.32	560.37	2.32
266.500	116.03	.00	.19	.00	.37	1.92	.06	565.00	2.32	560.37	2.32
266.500	116.03	.00	.19	.00	.37	1.92	.06	565.00	2.32	560.37	2.32
266.500	116.03	.00	.19	.00	.37	1.92	.06	565.00	2.32	560.37	2.32
266.750	116.34	.00	.31	.00	.31	1.82	.05	565.00	2.95	559.09	2.95
266.750	116.34	.00	.31	.00	.31	1.82	.05	565.00	2.95	559.09	2.95
266.750	116.34	.00	.31	.00	.31	1.82	.05	565.00	2.95	559.09	2.95
266.750	116.34	.00	.31	.00	.31	1.82	.05	565.00	2.95	559.09	2.95

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	QLD8	SCR	GR08
267.050	116.28	.00	-.06	.00	1.33	3.36	.17	565.00	2.95	553.40	8.65
267.050	116.28	.00	-.06	.00	1.33	3.36	.17	565.00	2.95	553.40	8.65
267.050	116.28	.00	-.06	.00	1.33	3.36	.17	565.00	2.95	553.40	8.65
267.050	116.28	.00	-.06	.00	1.33	3.36	.17	565.00	2.95	553.40	8.65
270.050	116.29	.00	.01	.00	1.57	3.95	.24	565.00	8.36	552.80	3.84
270.050	116.29	.00	.01	.00	1.57	3.95	.24	565.00	8.36	552.80	3.84
270.050	116.29	.00	.01	.00	1.57	3.95	.24	565.00	8.36	552.80	3.84
270.050	116.29	.00	.01	.00	1.57	3.95	.24	565.00	8.36	552.80	3.84
270.350	116.57	.00	.28	.00	.09	1.12	.02	370.00	.95	367.13	1.91
270.350	116.57	.00	.28	.00	.09	1.12	.02	370.00	.95	367.13	1.91
270.350	116.57	.00	.28	.00	.09	1.12	.02	370.00	.95	367.13	1.91
270.350	116.57	.00	.28	.00	.09	1.12	.02	370.00	.95	367.13	1.91
271.650	116.66	.00	.09	.00	.13	1.31	.03	370.00	.98	367.00	2.02
271.650	116.66	.00	.09	.00	.13	1.31	.03	370.00	.98	367.00	2.02
271.650	116.66	.00	.09	.00	.13	1.31	.03	370.00	.98	367.00	2.02
271.650	116.66	.00	.09	.00	.13	1.31	.03	370.00	.98	367.00	2.02
271.850	116.65	.00	-.01	.00	.28	1.69	.04	370.00	2.86	364.29	2.66
271.850	116.65	.00	-.01	.00	.28	1.69	.04	370.00	2.86	364.29	2.66
271.850	116.65	.00	-.01	.00	.28	1.69	.04	370.00	2.86	364.29	2.66
271.850	116.65	.00	-.01	.00	.28	1.69	.04	370.00	2.86	364.29	2.66
271.860	116.65	.00	.00	.00	.29	1.69	.04	370.00	2.84	364.31	2.84
271.860	116.65	.00	.00	.00	.29	1.69	.04	370.00	2.84	364.31	2.84
271.860	116.65	.00	.00	.00	.29	1.69	.04	370.00	2.84	364.31	2.84
271.860	116.65	.00	.00	.00	.29	1.69	.04	370.00	2.84	364.31	2.84
272.000	116.63	.00	-.02	.00	.63	2.45	.09	370.00	3.67	365.92	.41
272.000	116.63	.00	-.02	.00	.63	2.45	.09	370.00	3.67	365.92	.41
272.000	116.63	.00	-.02	.00	.63	2.45	.09	370.00	3.67	365.92	.41
272.000	116.63	.00	-.02	.00	.63	2.45	.09	370.00	3.67	365.92	.41
272.100	116.69	.00	.06	.00	.61	2.43	.09	370.00	3.75	365.82	.44
272.100	116.69	.00	.06	.00	.61	2.43	.09	370.00	3.75	365.82	.44
272.100	116.69	.00	.06	.00	.61	2.43	.09	370.00	3.75	365.82	.44
272.100	116.69	.00	.06	.00	.61	2.43	.09	370.00	3.75	365.82	.44
272.400	116.71	.00	.03	.00	.57	2.15	.07	370.00	.09	369.91	.00
272.400	116.71	.00	.03	.00	.57	2.15	.07	370.00	.09	369.91	.00
272.400	116.71	.00	.03	.00	.57	2.15	.07	370.00	.09	369.91	.00
272.400	116.71	.00	.03	.00	.57	2.15	.07	370.00	.09	369.91	.00
284.100	116.82	.00	.11	.00	.21	1.20	.02	170.00	.00	166.78	3.22
284.100	116.82	.00	.11	.00	.21	1.20	.02	170.00	.00	166.78	3.22
284.100	116.82	.00	.11	.00	.21	1.20	.02	170.00	.00	166.78	3.22
284.100	116.82	.00	.11	.00	.21	1.20	.02	170.00	.00	166.78	3.22

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*8	VCH	HV	Q	QL08	GCH	GR08
284.600	116.83	.00	.00	.00	.17	1.12	.02	170.00	.31	169.38	.31
284.600	116.83	.00	.00	.00	.17	1.12	.02	170.00	.31	169.38	.31
284.600	116.83	.00	.00	.00	.17	1.12	.02	170.00	.31	169.38	.31
284.600	116.83	.00	.00	.00	.17	1.12	.02	170.00	.31	169.38	.31
284.900	116.93	.00	.10	.00	.15	1.10	.02	170.00	.35	169.30	.35
284.900	116.93	.00	.10	.00	.15	1.10	.02	170.00	.35	169.30	.35
284.900	116.93	.00	.10	.00	.15	1.10	.02	170.00	.35	169.30	.35
284.900	116.93	.00	.10	.00	.15	1.10	.02	170.00	.35	169.30	.35
285.200	116.93	.00	.00	.00	.19	1.18	.02	170.00	.00	166.65	3.35
285.200	116.93	.00	.00	.00	.19	1.18	.02	170.00	.00	166.65	3.35
285.200	116.93	.00	.00	.00	.19	1.18	.02	170.00	.00	166.65	3.35
285.200	116.93	.00	.00	.00	.19	1.18	.02	170.00	.00	166.65	3.35
294.400	116.94	.00	.02	.00	.40	1.59	.04	170.00	.41	168.47	1.13
294.400	116.94	.00	.02	.00	.40	1.59	.04	170.00	.41	168.47	1.13
294.400	116.94	.00	.02	.00	.40	1.59	.04	170.00	.41	168.47	1.13
294.400	116.94	.00	.02	.00	.40	1.59	.04	170.00	.41	168.47	1.13
294.700	116.96	.00	.01	.00	.32	1.36	.03	170.00	.00	170.00	.00
294.700	116.96	.00	.01	.00	.32	1.36	.03	170.00	.00	170.00	.00
294.700	116.96	.00	.01	.00	.32	1.36	.03	170.00	.00	170.00	.00
294.700	116.96	.00	.01	.00	.32	1.36	.03	170.00	.00	170.00	.00
295.000	117.21	.00	.25	.00	.27	1.28	.03	170.00	.00	170.00	.00
295.000	117.21	.00	.25	.00	.27	1.28	.03	170.00	.00	170.00	.00
295.000	117.21	.00	.25	.00	.27	1.28	.03	170.00	.00	170.00	.00
295.000	117.21	.00	.25	.00	.27	1.28	.03	170.00	.00	170.00	.00
295.800	117.21	.00	.00	.00	.33	1.51	.03	170.00	.54	168.05	1.41
295.800	117.21	.00	.00	.00	.33	1.51	.03	170.00	.54	168.05	1.41
295.800	117.21	.00	.00	.00	.33	1.51	.03	170.00	.54	168.05	1.41
295.800	117.21	.00	.00	.00	.33	1.51	.03	170.00	.54	168.05	1.41

MAIN "B" -- -2' START EL

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	4740.00	.00	.00	1935.47	9000.00	11000.00
.000	4740.00	.00	.00	1943.11	9000.00	11000.00
.000	4740.00	.00	.00	1948.17	9000.00	11000.00
.000	4740.00	.00	.00	1952.40	9000.00	11000.00
.680	4740.00	4.61	68.00	299.28	9897.07	10196.36
.680	4740.00	6.17	68.00	302.24	9895.61	10197.84
.680	4740.00	7.21	68.00	304.17	9894.64	10198.82
.680	4740.00	8.08	68.00	306.46	9893.19	10199.65
1.440	4740.00	10.59	76.00	298.64	9897.39	10196.03
1.440	4740.00	12.59	76.00	301.59	9895.93	10197.51
1.440	4740.00	13.93	76.00	303.55	9894.95	10198.50
1.440	4740.00	15.05	76.00	305.20	9894.13	10199.33
2.800	4740.00	28.48	280.00	1934.67	9000.00	11000.00
2.800	4740.00	36.43	280.00	1942.25	9000.00	11000.00
2.800	4740.00	41.75	280.00	1947.34	9000.00	11000.00
2.800	4740.00	46.29	280.00	1951.66	9000.00	11000.00
4.800	4740.00	38.26	200.00	197.76	9897.88	10095.63
4.800	4740.00	53.50	200.00	1940.88	9000.00	11000.00
4.800	4740.00	62.86	200.00	1945.94	9000.00	11000.00
4.800	4740.00	72.70	200.00	1950.19	9000.00	11000.00
20.000	4740.00	97.83	1520.00	340.58	9800.00	10200.00
20.000	4740.00	145.10	1520.00	345.86	9800.00	10200.00
20.000	4740.00	178.31	1520.00	350.58	9800.00	10200.00
20.000	4740.00	206.53	1520.00	355.63	9800.00	10200.00
59.000	2890.00	215.34	3900.00	110.24	1024.83	1135.08
59.000	2890.00	277.08	3900.00	113.76	1021.67	1135.43
59.000	2890.00	320.47	3900.00	117.80	1017.88	1135.68
59.000	2890.00	357.74	3900.00	125.08	1010.83	1135.91
60.000	2890.00	218.08	100.00	110.39	1020.93	1131.32
60.000	2890.00	279.95	100.00	111.27	1020.44	1131.71
60.000	2890.00	323.44	100.00	122.64	1000.00	1132.05
60.000	2890.00	360.82	100.00	134.46	1000.00	1134.46
84.300	2890.00	285.02	2530.00	128.90	1018.75	1147.64
84.300	2890.00	350.35	2530.00	134.03	1018.10	1152.14
84.300	2890.00	396.46	2530.00	139.41	1014.43	1153.84
84.300	2890.00	436.56	2530.00	145.35	1010.11	1155.46

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
88.300	2890.00	296.40	400.00	127.31	9919.13	10046.44
88.300	2890.00	362.28	400.00	133.46	9913.72	10047.18
88.300	2890.00	408.78	400.00	141.90	9908.61	10050.50
88.300	2890.00	449.12	400.00	149.29	9904.13	10053.42
89.000	2890.00	298.42	70.00	127.36	9919.12	10046.48
89.000	2890.00	364.37	70.00	134.08	9913.35	10047.42
89.000	2890.00	410.94	70.00	142.75	9908.09	10050.64
89.000	2890.00	451.28	70.00	150.13	9903.62	10053.75
90.000	2890.00	301.38	100.00	125.67	1019.10	1144.77
90.000	2890.00	367.46	100.00	133.36	1012.41	1145.77
90.000	2890.00	414.11	100.00	147.34	1001.46	1148.80
90.000	2890.00	454.51	100.00	152.46	1000.00	1152.46
107.000	2890.00	349.60	1700.00	130.13	1014.86	1144.99
107.000	2890.00	417.80	1700.00	143.94	1004.18	1148.12
107.000	2890.00	466.44	1700.00	151.64	1000.00	1151.64
107.000	2890.00	508.65	1700.00	155.81	1000.00	1155.81
107.500	2890.00	350.85	50.00	132.06	933.70	1065.75
107.500	2890.00	419.12	50.00	132.80	933.46	1066.26
107.500	2890.00	467.81	50.00	133.23	933.25	1066.48
107.500	2890.00	510.07	50.00	133.61	933.07	1066.68
107.850	2890.00	351.71	36.00	131.99	933.70	1065.68
107.850	2890.00	420.01	36.00	132.80	933.46	1066.26
107.850	2890.00	468.75	36.00	133.23	933.25	1066.48
107.850	2890.00	511.04	36.00	133.61	933.07	1066.68
108.400	2890.00	354.23	100.00	132.20	1013.26	1145.46
108.400	2890.00	422.65	100.00	146.49	1002.14	1148.63
108.400	2890.00	471.49	100.00	152.28	1000.00	1152.28
108.400	2890.00	513.88	100.00	156.38	1000.00	1156.38
134.500	2315.00	425.46	2610.00	149.01	1000.13	1149.14
134.500	2315.00	496.91	2610.00	153.08	1000.00	1153.08
134.500	2315.00	548.54	2610.00	157.17	1000.00	1157.17
134.500	2315.00	593.45	2610.00	161.05	1000.00	1161.05
138.500	2315.00	434.06	400.00	93.27	953.37	1046.63
138.500	2315.00	505.86	400.00	100.00	950.00	1050.00
138.500	2315.00	557.82	400.00	100.00	950.00	1050.00
138.500	2315.00	603.02	400.00	100.00	950.00	1050.00
139.000	2315.00	434.81	50.00	93.82	953.09	1046.91
139.000	2315.00	506.65	50.00	100.00	950.00	1050.00
139.000	2315.00	558.64	50.00	100.00	950.00	1050.00
139.000	2315.00	603.86	50.00	100.00	950.00	1050.00

SECNO	Q	VOL	XLCH	TDPWID	BSTA	ENDST
139.360	2315.00	435.35	36.00	94.50	952.75	1047.25
139.360	2315.00	507.22	36.00	100.00	950.00	1050.00
139.360	2315.00	559.23	36.00	100.00	950.00	1050.00
139.360	2315.00	604.48	36.00	100.00	950.00	1050.00
139.900	2315.00	436.17	54.00	95.21	952.39	1047.61
139.900	2315.00	508.08	54.00	100.00	950.00	1050.00
139.900	2315.00	560.13	54.00	100.00	950.00	1050.00
139.900	2315.00	605.41	54.00	100.00	950.00	1050.00
155.000	2020.00	465.47	1510.00	125.25	1019.31	1144.55
155.000	2020.00	538.64	1510.00	125.65	1019.10	1144.76
155.000	2020.00	591.71	1510.00	127.86	1017.06	1144.92
155.000	2020.00	637.90	1510.00	133.55	1012.27	1145.82
167.000	2020.00	490.88	1200.00	122.87	1020.49	1143.37
167.000	2020.00	555.00	1200.00	123.24	1020.31	1143.55
167.000	2020.00	618.85	1200.00	123.54	1020.16	1143.70
167.000	2020.00	665.77	1200.00	123.80	1020.03	1143.83
187.000	2020.00	522.76	2000.00	120.00	940.00	1060.00
187.000	2020.00	598.26	2000.00	120.00	940.00	1060.00
187.000	2020.00	653.25	2000.00	120.00	940.00	1060.00
187.000	2020.00	701.20	2000.00	120.00	940.00	1060.00
189.000	2020.00	525.17	190.00	108.35	951.65	1060.00
189.000	2020.00	600.79	190.00	113.95	946.05	1060.00
189.000	2020.00	655.88	190.00	119.15	940.85	1060.00
189.000	2020.00	703.92	190.00	120.00	940.00	1060.00
189.350	2020.00	525.60	35.00	108.30	951.70	1060.00
189.350	2020.00	601.24	35.00	113.88	946.12	1060.00
189.350	2020.00	656.34	35.00	119.09	940.91	1060.00
189.350	2020.00	704.40	35.00	120.00	940.00	1060.00
189.670	2020.00	526.01	32.00	118.94	941.06	1060.00
189.670	2020.00	601.67	32.00	120.00	940.00	1060.00
189.670	2020.00	656.79	32.00	120.00	940.00	1060.00
189.670	2020.00	704.86	32.00	120.00	940.00	1060.00
190.820	1500.00	527.52	115.00	89.55	947.09	1036.64
190.820	1500.00	603.24	115.00	103.64	941.36	1045.00
190.820	1500.00	658.41	115.00	105.00	940.00	1045.00
190.820	1500.00	706.54	115.00	105.00	940.00	1045.00
197.850	1400.00	537.07	700.00	107.00	958.00	1065.00
197.850	1400.00	613.16	700.00	107.00	958.00	1065.00
197.850	1400.00	668.67	700.00	107.00	958.00	1065.00
197.850	1400.00	717.08	700.00	107.00	958.00	1065.00

SECNO	G	VOL	XLCH	TOPWID	SSTA	ENDST
206.850	1400.00	548.12	900.00	85.00	970.00	1055.00
206.850	1400.00	624.67	900.00	85.00	970.00	1055.00
206.850	1400.00	680.54	900.00	85.00	970.00	1055.00
206.850	1400.00	729.30	900.00	85.00	970.00	1055.00
213.100	1400.00	554.46	625.00	97.35	963.44	1060.78
213.100	1400.00	631.29	625.00	102.64	960.12	1062.75
213.100	1400.00	687.42	625.00	106.41	958.00	1064.41
213.100	1400.00	736.41	625.00	107.00	958.00	1065.00
216.350	1400.00	556.97	325.00	49.28	977.28	1026.56
216.350	1400.00	633.93	325.00	49.82	976.83	1026.65
216.350	1400.00	690.17	325.00	50.27	976.45	1026.72
216.350	1400.00	739.26	325.00	50.68	976.11	1026.79
217.050	1400.00	557.45	70.00	66.56	970.98	1037.93
217.050	1400.00	634.43	70.00	67.59	970.36	1037.95
217.050	1400.00	690.69	70.00	68.14	969.83	1037.97
217.050	1400.00	739.80	70.00	68.64	969.35	1037.99
217.650	1400.00	557.98	60.00	81.00	959.00	1040.00
217.650	1400.00	634.98	60.00	81.00	959.00	1040.00
217.650	1400.00	691.25	60.00	81.00	959.00	1040.00
217.650	1400.00	740.37	60.00	81.00	959.00	1040.00
218.350	1400.00	558.50	70.00	63.60	968.40	1032.00
218.350	1400.00	635.52	70.00	67.00	965.00	1032.00
218.350	1400.00	691.80	70.00	67.00	965.00	1032.00
218.350	1400.00	740.93	70.00	67.00	965.00	1032.00
225.650	1400.00	561.64	730.00	45.15	982.85	1028.00
225.650	1400.00	638.78	730.00	45.67	982.33	1028.00
225.650	1400.00	695.17	730.00	46.14	981.86	1028.00
225.650	1400.00	744.40	730.00	46.58	981.42	1028.00
233.000	895.00	564.27	735.00	35.27	981.31	1016.58
233.000	895.00	641.45	735.00	35.32	981.28	1016.60
233.000	895.00	697.88	735.00	35.38	981.24	1016.62
233.000	895.00	747.16	735.00	35.45	981.20	1016.65
234.000	895.00	564.57	100.00	29.89	982.62	1012.51
234.000	895.00	641.75	100.00	29.97	982.57	1012.55
234.000	895.00	698.18	100.00	30.07	982.51	1012.59
234.000	895.00	747.46	100.00	30.19	982.45	1012.64
* 237.000	895.00	565.22	300.00	27.20	984.18	1011.39
* 237.000	895.00	642.41	300.00	27.20	984.18	1011.39
* 237.000	895.00	698.84	300.00	27.21	984.18	1011.39
* 237.000	895.00	748.12	300.00	27.21	984.18	1011.39

	SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
*	237.200	895.00	565.26	20.00	18.43	990.77	1009.21
*	237.200	895.00	642.45	20.00	18.43	990.77	1009.21
*	237.200	895.00	698.88	20.00	18.43	990.77	1009.21
*	237.200	895.00	748.16	20.00	18.43	990.77	1009.21
*	237.210	895.00	565.26	1.00	20.00	990.00	1010.00
*	237.210	895.00	642.45	1.00	20.00	990.00	1010.00
*	237.210	895.00	698.88	1.00	20.00	990.00	1010.00
*	237.210	895.00	748.16	1.00	20.00	990.00	1010.00
	237.380	895.00	565.30	17.00	20.00	990.00	1010.00
	237.380	895.00	642.48	17.00	20.00	990.00	1010.00
	237.380	895.00	698.92	17.00	20.00	990.00	1010.00
	237.380	895.00	748.20	17.00	20.00	990.00	1010.00
	237.400	895.00	565.30	2.00	20.00	990.00	1010.00
	237.400	895.00	642.49	2.00	20.00	990.00	1010.00
	237.400	895.00	698.92	2.00	20.00	990.00	1010.00
	237.400	895.00	748.20	2.00	20.00	990.00	1010.00
	237.600	895.00	565.43	20.00	54.00	968.00	1022.00
	237.600	895.00	642.61	20.00	54.00	968.00	1022.00
	237.600	895.00	699.05	20.00	54.00	968.00	1022.00
	237.600	895.00	748.33	20.00	54.00	968.00	1022.00
	245.200	895.00	571.06	760.00	54.00	968.00	1022.00
	245.200	895.00	648.24	760.00	54.00	968.00	1022.00
	245.200	895.00	704.68	760.00	54.00	968.00	1022.00
	245.200	895.00	753.96	760.00	54.00	968.00	1022.00
	245.700	895.00	571.39	50.00	54.00	968.00	1022.00
	245.700	895.00	648.58	50.00	54.00	968.00	1022.00
	245.700	895.00	705.01	50.00	54.00	968.00	1022.00
	245.700	895.00	754.29	50.00	54.00	968.00	1022.00
	255.700	565.00	577.99	1000.00	54.00	968.00	1022.00
	255.700	565.00	655.17	1000.00	54.00	968.00	1022.00
	255.700	565.00	711.60	1000.00	54.00	968.00	1022.00
	255.700	565.00	760.88	1000.00	54.00	968.00	1022.00
	256.200	565.00	578.30	50.00	80.00	960.00	1040.00
	256.200	565.00	655.48	50.00	80.00	960.00	1040.00
	256.200	565.00	711.91	50.00	80.00	960.00	1040.00
	256.200	565.00	761.20	50.00	80.00	960.00	1040.00
	256.500	565.00	578.46	30.00	56.57	960.00	1016.57
	256.500	565.00	655.64	30.00	56.57	960.00	1016.57
	256.500	565.00	712.08	30.00	56.57	960.00	1016.57
	256.500	565.00	761.36	30.00	56.57	960.00	1016.57

SECNO	Q	VOL	XLCH	TOPWID	BSTA	ENDST
256.900	565.00	578.70	40.00	54.00	968.00	1022.00
256.900	565.00	655.89	40.00	54.00	968.00	1022.00
256.900	565.00	712.32	40.00	54.00	968.00	1022.00
256.900	565.00	751.60	40.00	54.00	968.00	1022.00
261.600	565.00	582.11	470.00	54.00	968.00	1022.00
261.600	565.00	659.29	470.00	54.00	968.00	1022.00
261.600	565.00	715.73	470.00	54.00	968.00	1022.00
261.600	565.00	765.01	470.00	54.00	968.00	1022.00
261.900	565.00	582.31	30.00	69.28	960.00	1029.28
261.900	565.00	659.50	30.00	69.28	960.00	1029.28
261.900	565.00	715.93	30.00	69.28	960.00	1029.28
261.900	565.00	765.21	30.00	69.28	960.00	1029.28
262.200	565.00	582.49	30.00	60.00	960.00	1020.00
262.200	565.00	659.67	30.00	60.00	960.00	1020.00
262.200	565.00	716.11	30.00	60.00	960.00	1020.00
262.200	565.00	765.39	30.00	60.00	960.00	1020.00
262.500	565.00	582.69	30.00	54.00	968.00	1022.00
262.500	565.00	659.87	30.00	54.00	968.00	1022.00
262.500	565.00	716.30	30.00	54.00	968.00	1022.00
262.500	565.00	765.58	30.00	54.00	968.00	1022.00
266.200	565.00	584.85	370.00	48.00	978.00	1025.00
266.200	565.00	662.04	370.00	48.00	978.00	1025.00
266.200	565.00	718.47	370.00	48.00	978.00	1025.00
266.200	565.00	767.75	370.00	48.00	978.00	1025.00
266.500	565.00	585.03	30.00	80.00	960.00	1040.00
266.500	565.00	662.22	30.00	80.00	960.00	1040.00
266.500	565.00	718.65	30.00	80.00	960.00	1040.00
266.500	565.00	767.53	30.00	80.00	960.00	1040.00
266.750	565.00	585.23	25.00	80.00	960.00	1040.00
266.750	565.00	662.42	25.00	80.00	960.00	1040.00
266.750	565.00	718.85	25.00	80.00	960.00	1040.00
266.750	565.00	768.13	25.00	80.00	960.00	1040.00
267.050	565.00	585.43	30.00	48.00	978.00	1026.00
267.050	565.00	662.62	30.00	48.00	978.00	1026.00
267.050	565.00	719.05	30.00	48.00	978.00	1026.00
267.050	565.00	768.33	30.00	48.00	978.00	1026.00
270.050	565.00	586.77	300.00	38.50	978.50	1017.00
270.050	565.00	663.96	300.00	38.50	978.50	1017.00
270.050	565.00	720.39	300.00	38.50	978.50	1017.00
270.050	565.00	769.67	300.00	38.50	978.50	1017.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
270.350	370.00	586.96	30.00	59.15	970.00	1029.15
270.350	370.00	664.15	30.00	59.15	970.00	1029.15
270.350	370.00	720.58	30.00	59.15	970.00	1029.15
270.350	370.00	769.86	30.00	59.15	970.00	1029.15
271.650	370.00	587.99	130.00	49.98	970.00	1019.98
271.650	370.00	665.17	130.00	49.98	970.00	1019.98
271.650	370.00	721.61	130.00	49.98	970.00	1019.98
271.650	370.00	770.89	130.00	49.98	970.00	1019.98
271.850	370.00	588.12	20.00	60.00	970.00	1030.00
271.850	370.00	665.31	20.00	60.00	970.00	1030.00
271.850	370.00	721.74	20.00	60.00	970.00	1030.00
271.850	370.00	771.02	20.00	60.00	970.00	1030.00
271.860	370.00	588.13	1.00	60.00	970.00	1030.00
271.860	370.00	665.31	1.00	60.00	970.00	1030.00
271.860	370.00	721.75	1.00	60.00	970.00	1030.00
271.860	370.00	771.03	1.00	60.00	970.00	1030.00
272.000	370.00	588.20	14.00	35.90	980.11	1016.01
272.000	370.00	665.38	14.00	35.90	980.11	1016.01
272.000	370.00	721.82	14.00	35.90	980.11	1016.01
272.000	370.00	771.10	14.00	35.90	980.11	1016.01
272.100	370.00	588.24	10.00	36.32	980.03	1016.35
272.100	370.00	665.42	10.00	36.32	980.03	1016.35
272.100	370.00	721.86	10.00	36.32	980.03	1016.35
272.100	370.00	771.14	10.00	36.32	980.03	1016.35
272.400	370.00	588.36	30.00	31.00	975.00	1006.00
272.400	370.00	665.54	30.00	31.00	975.00	1006.00
272.400	370.00	721.97	30.00	31.00	975.00	1006.00
272.400	370.00	771.26	30.00	31.00	975.00	1006.00
284.100	170.00	592.95	1170.00	39.50	985.00	1024.50
284.100	170.00	670.14	1170.00	39.50	985.00	1024.50
284.100	170.00	726.57	1170.00	39.50	985.00	1024.50
284.100	170.00	775.85	1170.00	39.50	985.00	1024.50
284.600	170.00	593.14	50.00	40.00	980.00	1020.00
284.600	170.00	670.33	50.00	40.00	980.00	1020.00
284.600	170.00	726.76	50.00	40.00	980.00	1020.00
284.600	170.00	776.04	50.00	40.00	980.00	1020.00
284.900	170.00	593.26	30.00	40.00	980.00	1020.00
284.900	170.00	670.44	30.00	40.00	980.00	1020.00
284.900	170.00	726.87	30.00	40.00	980.00	1020.00
284.900	170.00	776.16	30.00	40.00	980.00	1020.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
285.200	170.00	593.37	30.00	39.50	985.00	1024.50
285.200	170.00	670.56	30.00	39.50	985.00	1024.50
285.200	170.00	726.99	30.00	39.50	985.00	1024.50
285.200	170.00	776.27	30.00	39.50	985.00	1024.50
294.400	170.00	596.48	920.00	37.00	980.00	1017.00
294.400	170.00	673.67	920.00	37.00	980.00	1017.00
294.400	170.00	730.10	920.00	37.00	980.00	1017.00
294.400	170.00	779.38	920.00	37.00	980.00	1017.00
294.700	170.00	596.57	30.00	29.55	985.16	1014.71
294.700	170.00	673.75	30.00	29.55	985.16	1014.71
294.700	170.00	730.19	30.00	29.55	985.16	1014.71
294.700	170.00	779.47	30.00	29.55	985.16	1014.71
295.000	170.00	596.66	30.00	30.35	984.76	1015.11
295.000	170.00	673.84	30.00	30.35	984.76	1015.11
295.000	170.00	730.28	30.00	30.35	984.76	1015.11
295.000	170.00	779.56	30.00	30.35	984.76	1015.11
295.800	170.00	596.50	80.00	37.00	980.00	1017.00
295.800	170.00	674.08	80.00	37.00	980.00	1017.00
295.800	170.00	730.52	80.00	37.00	980.00	1017.00
295.800	170.00	779.80	80.00	37.00	980.00	1017.00

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 237.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.000 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 237.200 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.200 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.200 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 237.200 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.200 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.200 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 237.200 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.200 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.200 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 237.200 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.200 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.200 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 237.210 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.210 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.210 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 237.210 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.210 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.210 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 237.210 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.210 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.210 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 237.210 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 237.210 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 237.210 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

X1	98.600	.000	.000	.000	90.000	90.000	90.000	.000	.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000

LATERALS C-7 & C-6

X1	123.200	.000	.000	.000	2460.000	2460.000	2460.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000

BT	1.000	3425.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

LATERAL C-9

X1	138.900	50.000	11001.000	11124.000	1530.000	1610.000	1570.000	.000	100.000	.000
X3	.000	-7.800	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.400	4730.000	3.600	5000.000	3.400	5300.000	3.150	5800.000	3.200	6200.000
GR	3.300	6550.000	2.550	7000.000	2.650	7250.000	2.250	7900.000	2.450	8050.000
GR	2.250	8450.000	2.000	8850.000	1.000	9900.000	.000	10700.000	1.600	10900.000
GR	4.800	11000.000	3.800	11001.000	1.000	11004.000	-2.000	11014.000	-4.300	11020.000
GR	-5.200	11022.000	-5.800	11024.000	-11.800	11034.000	-12.300	11044.000	-12.200	11048.000
GR	-12.500	11050.000	-12.600	11054.000	-12.600	11074.000	-12.600	11078.000	-12.600	11080.000
GR	-12.500	11084.000	-12.600	11094.000	-9.200	11104.000	-8.000	11106.000	-6.400	11108.000
GR	-3.000	11112.000	1.000	11122.000	4.200	11124.000	4.600	11132.000	4.800	11134.000
GR	4.800	11144.000	5.500	11154.000	5.500	11160.000	1.500	11180.000	1.000	11200.000
GR	-1.500	11600.000	.400	12000.000	.000	13000.000	.000	13750.000	5.000	13800.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	149.000	41.000	11001.000	11124.000	1010.000	1010.000	1010.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.000	5200.000	5.500	5650.000	4.000	6200.000	3.500	6600.000	3.000	7000.000
GR	2.000	8700.000	1.000	10200.000	1.000	10350.000	1.000	10900.000	5.500	10950.000
GR	5.500	10994.000	3.800	11001.000	1.000	11004.000	-2.000	11014.000	-4.300	11020.000
GR	-5.200	11022.000	-5.800	11024.000	-11.800	11034.000	-12.300	11044.000	-12.200	11048.000
GR	-12.600	11050.000	-12.600	11054.000	-12.600	11074.000	-12.600	11078.000	-12.600	11080.000
GR	-12.600	11084.000	-12.600	11094.000	-9.200	11104.000	-8.000	11106.000	-6.400	11108.000
GR	-3.000	11112.000	1.000	11122.000	4.200	11124.000	4.600	11132.000	4.800	11134.000
GR	4.800	11144.000	5.500	11154.000	5.500	11160.000	1.500	11180.000	1.500	11200.000
GR	5.000	14250.000	.000	.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF F.Y. 365 BRIDGE STA. 151+40

X1	151.400	35.000	1001.000	1124.000	240.000	240.000	240.000	.000	100.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	19.000	1001.000	103.800	103.800	1020.000	103.900	101.800	1020.000	103.900	95.700
BT	1022.000	103.900	94.800	1022.000	103.900	101.800	1048.000	103.900	101.800	1048.000
BT	103.900	87.800	1050.000	103.900	87.400	1050.000	103.900	101.800	1078.000	103.900
BT	101.800	1078.000	103.900	87.400	1080.000	103.900	87.400	1080.000	103.900	101.800
BT	1106.000	103.900	101.800	1106.000	103.900	92.000	1108.000	103.900	93.600	1108.000
BT	103.900	101.800	1122.000	103.900	101.800	1124.000	104.200	104.200	.000	.000
GR	5.500	1.000	5.500	2.000	5.500	3.000	5.500	930.000	5.500	950.000
GR	4.000	994.000	3.800	1001.000	1.000	1004.000	-2.000	1014.000	-4.300	1020.000
GR	-5.200	1022.000	-5.800	1024.000	-11.800	1034.000	-12.300	1044.000	-12.200	1048.000
GR	-12.600	1050.000	-12.600	1054.000	-12.600	1074.000	-12.600	1078.000	-12.600	1080.000
GR	-12.600	1084.000	-12.600	1094.000	-9.200	1104.000	-8.000	1106.000	-6.400	1108.000
GR	-3.000	1112.000	1.000	1122.000	4.200	1124.000	4.600	1132.000	4.800	1134.000
GR	4.800	1144.000	4.000	1154.000	1.500	1160.000	1.500	1180.000	5.000	1400.000

SB	1.250	2.020	2.600	.000	31.400	1.400	300.000	.100	96.100	94.700
	UPSTREAM FACE OF HWY 69 CULVERT									
X1	232.300	.000	.000	.000	360.000	360.000	360.000	.000	.000	.000
X2	.000	.000	1.000	106.100	112.200	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	962.700	112.200	105.500	984.300	112.800	96.100	984.300	112.800	106.100
BT	1015.700	113.800	106.100	1015.700	113.800	96.100	1037.300	114.400	105.500	.000
NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
X1	233.300	10.000	974.000	1026.000	50.000	50.000	50.000	.000	100.000	.000
GR	6.710	960.000	6.110	965.000	4.810	972.500	4.010	974.000	-4.030	990.000
GR	-4.030	1010.000	4.010	1026.000	5.010	1028.300	5.410	1030.000	6.710	1040.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	235.050	10.000	974.000	1026.000	175.000	175.000	175.000	.000	100.000	.000
GR	6.710	960.000	6.110	965.000	4.810	972.500	4.010	974.000	-4.030	990.000
GR	-4.030	1010.000	4.010	1026.000	5.010	1028.300	5.410	1030.000	6.710	1040.000
	DOWNSTREAM FACE OF 37-TH STREET CULVERT									
X1	235.650	8.000	974.000	1026.000	60.000	60.000	60.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.410	960.000	7.410	967.300	4.010	974.000	-3.960	982.600	-3.960	1014.300
GR	4.010	1026.000	7.410	1032.800	7.410	1040.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	31.400	1.400	300.000	.100	96.150	96.040
	UPSTREAM FACE OF 37-TH STREET CULVERT									
X1	236.200	.000	.000	.000	55.000	55.000	55.000	.000	.000	.000
X2	.000	.000	1.000	106.040	107.410	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	967.300	107.410	107.410	982.600	107.410	96.040	982.600	107.410	106.040
BT	1014.300	107.410	106.040	1014.300	107.410	96.040	1032.800	107.410	107.410	.000
X1	236.800	8.000	974.000	1026.000	60.000	60.000	60.000	.000	100.000	.000
GR	6.010	959.000	6.210	970.000	4.210	974.000	-3.810	990.000	-3.810	1010.000
GR	4.210	1026.000	6.410	1031.000	7.110	1040.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	243.900	8.000	974.000	1026.000	710.000	710.000	710.000	.000	100.000	.000
GR	6.610	960.000	6.010	972.000	5.010	974.000	-3.110	990.000	-3.110	1010.000
GR	5.010	1026.000	6.710	1029.200	7.210	1040.000	.000	.000	.000	.000
	DOWNSTREAM FACE OF 35-TH STREET CULVERT									
X1	244.500	8.000	974.000	1026.000	60.000	60.000	60.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.910	960.000	7.910	968.300	5.010	974.000	-2.910	985.300	-2.910	1016.400
GR	5.010	1026.000	7.910	1031.500	7.910	1040.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	31.400	1.400	300.000	.100	97.170	97.090

UPSTREAM FACE OF 35-TH STREET CULVERT

X1	245.000	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X2	.000	.000	1.000	107.090	107.910	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	968.300	107.910	107.910	985.300	107.910	97.090	985.300	107.910	107.090
BT	1016.400	107.910	107.090	1016.400	107.910	97.090	1031.500	107.910	107.910	.000

X1	245.650	9.000	974.000	1026.000	65.000	65.000	65.000	.000	100.000	.000
GR	6.810	960.000	6.710	970.000	6.210	972.300	5.310	974.000	-2.770	990.000
GR	-2.770	1010.000	5.310	1026.000	7.410	1030.000	7.410	1040.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	253.200	8.000	974.000	1026.000	755.000	755.000	755.000	.000	100.000	.000
GR	7.910	960.000	7.810	970.000	5.910	974.000	-2.070	990.000	-2.070	1010.000
GR	5.910	1026.000	8.510	1031.300	8.910	1040.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HARDY AVENUE CULVERT

X1	253.750	6.000	984.300	1015.700	55.000	55.000	55.000	.000	100.000	.000
X2	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	8.710	960.000	8.710	984.300	-5.10	984.300	-5.10	1015.700	8.710	1015.700
GR	8.710	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	31.400	1.400	240.000	.100	99.780	99.490
----	-------	-------	-------	------	--------	-------	---------	------	--------	--------

UPSTREAM FACE OF HARDY AVENUE CULVERT

X1	254.150	.000	.000	.000	40.000	40.000	40.000	.000	.000	.000
X2	.000	.000	1.000	107.490	108.710	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	984.300	108.710	108.710	984.300	108.710	107.490	1015.700	108.710	107.490
BT	1015.700	108.710	108.710	.000	.000	.000	.000	.000	.000	.000

X1	254.900	8.000	983.000	1022.000	75.000	75.000	75.000	.000	100.000	.000
GR	7.810	940.000	7.810	982.000	7.810	983.000	-1.190	995.000	-1.190	1005.000
GR	7.810	1021.000	7.810	1022.000	7.810	1040.000	.000	.000	.000	.000

CONFLUENCE OF LATERAL C-12 TRIBUTARY

X1	258.150	8.000	979.000	1021.000	325.000	325.000	325.000	.000	100.000	.000
GR	9.210	960.000	9.210	976.500	7.940	979.000	-0.060	995.000	-0.060	1005.000
GR	7.940	1021.000	9.210	1023.500	9.210	1040.000	.000	.000	.000	.000

BT	1.000	815.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	273.650	8.000	981.000	1019.000	1460.000	1460.000	1550.000	.000	100.000	.000
GR	10.710	960.000	10.710	977.000	8.600	981.000	.600	997.000	.600	1003.000
GR	8.600	1019.000	10.710	1023.000	10.710	1040.000	.000	.000	.000	.000

DOWNSTREAM FACE OF 27-TH STREET & AVENUE A CULVERT

X1	274.150	8.000	968.100	1031.500	50.000	50.000	50.000	.960	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	9.210	940.000	9.610	952.500	10.410	968.100	.810	967.300	.810	1012.700
GR	10.210	1031.500	9.610	1046.000	9.210	1050.000	.000	.000	.000	.000

SB	1.250	1.850	2.600	.000	25.400	1.400	192.000	.100	100.810	100.810
UPSTREAM FACE OF 27-TH STREET & AVENUE A CULVERT										
X1	276.150	.000	.000	.000	200.000	200.000	200.000	.950	.000	.000
X2	.000	.000	1.000	108.810	111.610	.000	.000	.000	.560	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	968.100	111.610	110.410	987.300	111.610	100.810	987.300	111.610	108.810
BT	1012.700	111.610	108.810	1012.700	111.610	100.810	1031.500	111.610	110.210	.000
X1	276.650	8.000	981.000	1019.000	50.000	50.000	50.000	.000	100.000	.000
GR	10.710	960.000	10.710	977.000	8.600	981.000	.850	997.000	.850	1003.000
GR	8.600	1019.000	10.710	1023.000	10.710	1040.000	.000	.000	.000	.000
VC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	279.650	.000	.000	.000	300.000	300.000	300.000	.000	.000	.000
DOWNSTREAM FACE OF NEDERLAND AVENUE CULVERT										
X1	280.650	8.000	977.550	1022.450	100.000	100.000	100.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	11.610	960.000	11.610	971.700	7.710	977.550	1.210	987.300	1.210	1012.700
GR	7.710	1022.450	11.610	1028.300	11.610	1040.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	25.400	1.400	192.000	.100	101.210	101.210
UPSTREAM FACE OF NEDERLAND AVENUE CULVERT										
X1	281.300	.000	.000	.000	65.000	65.000	65.000	.800	.000	.000
X2	.000	.000	1.000	109.210	112.910	.000	.000	.000	.800	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	971.700	111.610	111.610	987.300	112.910	101.210	987.300	112.910	109.210
BT	1012.700	112.910	109.210	1012.700	112.910	101.210	1028.300	111.610	111.610	.000
12' BOTTOM WIDTH										
X1	281.950	11.000	982.200	1013.700	65.000	65.000	65.000	.000	100.000	.000
GR	11.310	967.000	10.210	977.000	8.210	981.700	7.810	962.200	1.290	992.000
GR	1.290	1004.000	7.810	1013.700	8.710	1015.000	9.310	1027.000	12.610	1033.000
GR	12.700	1035.000	.000	.000	.000	.000	.000	.000	.000	.000
VC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	293.950	10.000	984.250	1015.700	1200.000	1200.000	1200.000	.000	100.000	.000
GR	11.010	969.000	10.460	981.700	8.810	984.250	2.250	994.000	2.250	1006.000
GR	8.810	1015.700	9.610	1017.000	10.210	1029.000	12.210	1033.000	12.310	1035.000
DOWNSTREAM FACE OF DETROIT AVENUE CULVERT										
X1	294.220	8.000	984.250	1015.750	27.000	27.000	27.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	11.010	960.000	11.010	980.900	8.770	984.250	2.270	994.000	2.270	1006.000
GR	8.770	1015.750	11.010	1019.100	11.010	1040.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	22.400	1.400	147.000	.100	102.270	102.300
UPSTREAM FACE OF DETROIT AVENUE CULVERT										
X1	294.800	.000	.000	.000	38.000	38.000	38.000	.000	.000	.000
X2	.000	.000	1.000	109.300	111.500	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	980.900	111.010	111.010	994.000	111.500	102.300	994.000	111.500	109.300
BT	1006.000	111.500	109.300	1006.000	111.500	102.300	1019.100	111.010	111.010	.000

BT	1.000	290.000	.000	.000	.000	.000	.000	.000	.000	.000
	6' BOTTOM WIDTH									
X1	350.250	8.000	984.600	1015.400	10.000	10.000	10.000	.000	100.000	.000
GR	14.000	960.000	14.000	984.600	7.800	997.000	7.800	1003.000	14.000	1015.400
GR	14.000	1040.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	351.250	8.000	984.600	1015.400	100.000	100.000	100.000	.000	100.000	.000
GR	14.000	960.000	14.000	984.600	8.100	997.000	8.100	1003.000	14.000	1015.400
GR	14.000	1040.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	351.540	25.000	990.500	1009.500	29.000	29.000	29.000	.866	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	15.000	980.000	14.750	990.500	10.650	990.500	9.200	991.000	8.400	992.000
GR	8.150	993.000	8.400	994.000	9.200	995.000	10.650	995.500	10.650	997.500
GR	9.200	998.000	8.400	999.000	8.150	1000.000	8.400	1001.000	9.200	1002.000
GR	10.650	1002.500	10.650	1004.500	9.200	1005.000	8.400	1006.000	8.150	1007.000
GR	8.400	1008.000	9.200	1009.000	10.650	1009.500	14.750	1009.500	15.000	1020.000
	DOWNSTREAM FACE OF G.S.U. R.O.W. CULVERT									
X1	351.550	25.000	990.500	1009.500	1.000	1.000	1.000	1.000	100.000	.000
BT	23.000	990.500	114.750	114.750	990.500	114.750	110.650	991.000	114.750	112.200
BT	992.000	114.750	113.000	993.000	114.750	113.150	994.000	114.750	113.000	995.000
BT	114.750	112.200	995.500	114.750	110.650	997.500	114.750	110.650	998.000	114.750
BT	112.200	999.000	114.750	113.000	1000.000	114.750	113.150	1001.000	114.750	113.000
BT	1002.000	114.750	112.200	1002.500	114.750	110.650	1004.500	114.750	110.650	1005.000
BT	114.750	112.200	1006.000	114.750	113.000	1007.000	114.750	113.150	1008.000	114.750
BT	113.000	1009.000	114.750	112.200	1009.500	114.750	110.650	1009.500	114.750	114.750
GR	15.000	980.000	14.750	990.500	10.650	990.500	9.200	991.000	8.400	992.000
GR	8.150	993.000	8.400	994.000	9.200	995.000	10.650	995.500	10.650	997.500
GR	9.200	998.000	8.400	999.000	8.150	1000.000	8.400	1001.000	9.200	1002.000
GR	10.650	1002.500	10.650	1004.500	9.200	1005.000	8.400	1006.000	8.150	1007.000
GR	8.400	1008.000	9.200	1009.000	10.650	1009.500	14.750	1009.500	15.000	1020.000
	UPSTREAM FACE OF G.S.U. R.O.W. CULVERT									
X1	351.850	.000	.000	.000	30.000	30.000	30.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	351.860	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	1.000	270.000	.000	.000	.000	.000	.000	.000	.000	.000
	4' BOTTOM WIDTH									
X1	352.250	8.000	991.000	1009.000	39.000	39.000	39.000	.000	100.000	.000
GR	15.000	970.000	15.000	984.500	11.750	991.000	8.250	998.000	8.250	1002.000
GR	11.750	1009.000	15.000	1015.500	15.000	1030.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	358.250	8.000	991.000	1009.000	600.000	600.000	600.000	.000	100.000	.000
GR	16.500	980.000	14.350	989.000	13.250	991.000	9.750	998.000	9.750	1002.000
GR	13.250	1009.000	14.350	1011.000	16.500	1020.000	.000	.000	.000	.000

CONCRETE LINING - 20' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	34.550	10.000	975.000	1024.000	975.000	1035.000	1005.000	.000	100.000	.000
BR	5.910	957.000	5.910	965.000	5.510	968.000	5.410	975.000	-1.910	990.000
BR	-1.910	1010.000	5.410	1024.000	5.710	1025.000	6.210	1032.000	6.210	1040.000

NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
X1	44.850	10.000	975.000	1024.000	975.000	1035.000	1005.000	.000	100.000	.000
BR	5.910	957.000	5.910	965.000	5.510	968.000	5.410	975.000	-1.600	990.000
BR	-1.600	1010.000	5.410	1024.000	5.710	1025.000	6.210	1032.000	6.210	1040.000

X1	51.850	7.000	975.000	1024.000	700.000	700.000	700.000	.000	100.000	.000
BR	6.210	945.000	5.810	965.000	5.710	976.000	-1.390	990.000	-1.390	1010.000
BR	5.810	1024.000	5.910	1040.000	.000	.000	.000	.000	.000	.000

28' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	52.850	8.000	973.000	1028.000	100.000	100.000	100.000	.000	100.000	.000
BR	6.210	950.000	6.210	959.000	5.710	973.000	-1.360	987.000	-1.360	1015.000
BR	5.210	1028.000	5.410	1031.500	5.410	1045.000	.000	.000	.000	.000

BT	1.000	400.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	55.350	7.000	973.000	1029.000	250.000	250.000	250.000	.000	100.000	.000
BR	6.410	950.000	5.710	965.500	5.710	973.000	-1.290	987.000	-1.290	1015.000
BR	5.710	1029.000	5.710	1045.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HWY 69 CULVERT -- AIRPORT-VITERBO DITCH

X1	55.850	7.000	977.000	1025.000	50.000	50.000	50.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BR	6.010	955.000	6.410	975.000	6.310	977.000	-.370	990.500	-.370	1013.000
BR	6.010	1025.000	6.210	1030.000	.000	.000	.000	.000	.000	.000

BR	1.250	3.380	2.600	.000	22.500	1.500	105.000	.100	100.500	99.650
----	-------	-------	-------	------	--------	-------	---------	------	---------	--------

UPSTREAM FACE OF HWY 69 CULVERT -- AIRPORT-VITERBO DITCH

X1	59.100	.000	.000	.000	325.000	325.000	325.000	.000	.000	.000
X2	.000	.000	1.000	105.500	106.010	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	961.000	106.010	106.010	986.200	106.010	100.500	986.200	106.010	105.500
BT	1008.400	106.010	105.500	1008.400	106.010	100.500	1038.500	106.010	106.010	.000

12' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	59.700	8.000	975.000	1016.250	60.000	60.000	60.000	.000	100.000	.000
BR	6.510	961.000	6.210	976.000	.500	966.800	.500	1005.500	5.710	1016.250
BR	5.710	1024.000	5.960	1030.000	6.510	1038.500	.000	.000	.000	.000

CONFLUENCE OF LATERAL 2 -- AIRPORT-VITERBO DITCH

X1	63.500	9.000	985.000	1015.000	1040.000	930.000	990.000	.000	100.000	.000
BR	6.810	965.000	6.610	974.000	5.910	984.000	5.410	985.000	.660	994.000
BR	.880	1006.000	5.510	1015.000	6.010	1016.000	6.110	1030.000	.000	.000

BT 1.000 285.000 .000 .000 .000 .000 .000 .000 .000 .000
 CONFLUENCE OF LATERAL 1 -- AIRPORT-VITERBO DITCH
 TRANSITION TO 8' BOTTOM WIDTH

X1 89.000 9.000 985.000 1015.000 1040.000 930.000 990.000 .000 100.000 .000
 BR 6.810 965.000 6.510 974.000 5.910 984.000 5.410 985.000 .950 994.000
 BR .950 1006.000 5.510 1015.000 6.010 1016.000 6.110 1030.000 .000 .000

BT 1.000 205.000 .000 .000 .000 .000 .000 .000 .000 .000
 NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000
 8' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1 80.350 8.000 991.750 1011.700 1135.000 1135.000 1130.000 .000 100.000 .000
 BR 7.210 975.000 6.810 991.000 6.610 991.750 2.710 999.900 2.710 1004.800
 BR 5.710 1011.700 7.310 1016.500 7.510 1022.000 .000 .000 .000 .000

X1 80.850 25.000 989.000 1011.000 50.000 40.000 50.000 .000 100.000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 BR 8.110 975.000 8.110 989.000 4.210 989.000 2.710 989.500 1.910 990.500
 BR 1.710 991.500 1.910 992.500 2.710 993.500 4.210 994.000 4.210 997.500
 BR 2.710 998.000 1.910 999.000 1.710 1000.000 1.910 1001.000 2.710 1002.000
 BR 4.210 1002.500 4.210 1006.000 2.710 1006.500 1.910 1007.500 1.710 1008.500
 BR 1.910 1009.500 2.710 1010.500 4.210 1011.000 8.110 1011.000 8.110 1022.000

DOWNSTREAM FACE OF HELENA AVENUE CULVERT -- AIRPORT-VITERBO DITCH

X1 80.860 .000 .000 .000 1.000 1.000 1.000 .000 .000 .000
 BT 23.000 975.000 108.110 108.110 989.000 108.110 104.210 989.500 108.110 105.610
 BT 990.500 108.110 106.460 991.500 108.110 106.710 992.500 108.110 106.460 993.500
 BT 108.110 105.610 994.000 108.110 104.210 997.500 108.110 104.210 998.000 108.110
 BT 105.610 999.000 108.110 106.460 1000.000 108.110 106.710 1001.000 108.110 106.460
 BT 1002.000 108.110 105.610 1002.500 108.110 104.210 1006.000 108.110 104.210 1006.500
 BT 108.110 105.610 1007.500 108.110 106.460 1008.500 108.110 106.710 1009.500 108.110
 BT 106.460 1010.500 108.110 105.610 1011.000 108.110 104.210 1022.000 108.110 108.110

UPSTREAM FACE OF HELENA AVENUE CULVERT -- AIRPORT-VITERBO DITCH

X1 81.400 .000 .000 .000 60.000 50.000 60.000 .000 .000 .000
 X2 .000 .000 .000 .000 .000 .000 1.000 .000 .000 .000
 X1 81.410 .000 .000 .000 1.000 1.000 1.000 .000 .000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 X1 81.800 8.000 987.000 1013.000 30.000 50.000 40.000 .000 100.000 .000
 BR 8.110 970.000 7.210 983.500 7.210 986.500 7.010 987.000 2.510 986.000
 BR 2.610 1004.000 7.210 1013.000 7.910 1026.000 .000 .000 .000 .000

CONFLUENCE OF LATERAL 3 -- AIRPORT-VITERBO DITCH
 TRANSITION TO 6' BOTTOM WIDTH

X1 93.550 8.000 987.000 1013.000 1175.000 1220.000 1200.000 .000 100.000 .000
 BR 9.110 955.000 8.510 986.750 8.410 987.000 3.810 996.000 3.810 1004.000
 BR 8.310 1013.000 8.410 1016.000 8.410 1020.000 .000 .000 .000 .000

THIS RUN EXECUTED 04/10/90 13:22:01

 HED2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION APRIL 1985

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

MAIN "C" & AIRPORT-VITER

SUMMARY PRINTOUT

SECNO	DWSEL	DIFWSP	DIFWSX	CRWS	10X*5	VCR	AV	Q	QLOB	QCH	QROB
.000	100.60	.00	.00	.00	2.51	2.55	.11	3330.00	.00	3330.00	.00
.000	101.30	.70	.00	.00	2.11	2.43	.10	3330.00	.00	3330.00	.00
.000	101.90	.60	.00	.00	1.78	2.25	.05	3330.00	.00	3330.00	.00
.000	102.30	.40	.00	.00	.34	1.04	.01	3330.00	1349.55	1535.07	444.33
10.000	100.86	.00	.25	.00	1.47	2.03	.05	3330.00	547.09	2603.72	179.13
10.000	101.50	.64	.20	.00	.74	1.48	.02	3330.00	982.17	2025.36	322.48
10.000	102.06	.56	.15	.00	.42	1.15	.01	3330.00	1259.29	1655.61	414.50
10.000	102.33	.27	.03	.00	.33	1.03	.01	3330.00	1351.53	1520.10	448.38
41.000	101.06	.00	.20	.00	.24	.78	.00	3330.00	1300.77	1012.29	1016.54
41.000	101.60	.54	.10	.00	.13	.59	.00	3330.00	1420.88	808.89	1100.23
41.000	102.11	.52	.06	.00	.08	.47	.00	3330.00	1499.32	677.57	1152.71
41.000	102.38	.25	.04	.00	.06	.42	.00	3330.00	1532.96	625.87	1171.17
71.000	101.12	.00	.06	.00	.15	.61	.00	3330.00	1009.22	789.23	1531.55
71.000	101.63	.51	.03	.00	.08	.46	.00	3330.00	1087.59	629.50	1512.91
71.000	102.13	.50	.02	.00	.05	.37	.00	3330.00	1143.74	523.94	1662.32
71.000	102.39	.25	.01	.00	.04	.33	.00	3330.00	1167.56	482.44	1680.00
72.000	101.12	.00	.00	.00	.15	.61	.00	3330.00	1009.61	788.39	1532.00
72.000	101.63	.51	.00	.00	.08	.46	.00	3330.00	1087.73	629.23	1613.04
72.000	102.13	.50	.00	.00	.05	.37	.00	3330.00	1143.80	523.83	1662.37
72.000	102.39	.25	.00	.00	.04	.33	.00	3330.00	1167.60	482.37	1680.03
94.300	101.16	.00	.04	.00	.20	.67	.00	3330.00	955.13	545.90	1828.97
94.300	101.65	.49	.02	.00	.11	.50	.00	3330.00	1017.55	430.75	1881.70
94.300	102.15	.50	.01	.00	.06	.39	.00	3330.00	1065.73	354.74	1909.53
94.300	102.40	.26	.01	.00	.05	.35	.00	3330.00	1086.99	325.13	1917.88
95.300	101.16	.00	.00	.00	.20	.67	.00	3330.00	955.13	543.91	1829.96
95.300	101.65	.49	.00	.00	.10	.50	.00	3330.00	1017.93	430.10	1881.97
95.300	102.15	.50	.00	.00	.06	.39	.00	3330.00	1065.90	354.49	1909.60
95.300	102.40	.26	.00	.00	.05	.35	.00	3330.00	1087.11	324.97	1917.92

SECNO	DWSEL	DIFWSP	DIFWSX	CRWS	10X*S	VCH	HV	Q	QLOS	QCH	QCR3
95.400	101.16	.00	.00	.00	.20	.67	.00	3330.00	956.20	543.77	1830.02
95.400	101.65	.49	.00	.00	.10	.50	.00	3330.00	1017.96	430.06	1881.99
95.400	102.15	.50	.00	.00	.06	.39	.00	3330.00	1065.92	354.48	1909.61
95.400	102.40	.26	.00	.00	.05	.35	.00	3330.00	1087.12	324.96	1917.93
97.600	101.16	.00	.00	.00	.20	.66	.00	3330.00	956.83	542.53	1830.64
97.600	101.65	.49	.00	.00	.10	.50	.00	3330.00	1018.21	429.63	1882.16
97.600	102.15	.49	.00	.00	.06	.39	.00	3330.00	1066.03	354.31	1909.66
97.600	102.40	.26	.00	.00	.05	.35	.00	3330.00	1087.20	324.85	1917.95
97.700	101.16	.00	.00	.00	.20	.66	.00	3330.00	956.86	542.48	1830.66
97.700	101.65	.49	.00	.00	.10	.50	.00	3330.00	1018.22	429.61	1882.17
97.700	102.15	.49	.00	.00	.06	.39	.00	3330.00	1066.04	354.30	1909.65
97.700	102.40	.26	.00	.00	.05	.35	.00	3330.00	1087.20	324.84	1917.96
98.600	101.16	.00	.00	.00	.19	.66	.00	3330.00	957.11	541.98	1830.91
98.600	101.65	.49	.00	.00	.10	.50	.00	3330.00	1018.32	429.44	1882.24
98.600	102.15	.49	.00	.00	.06	.39	.00	3330.00	1066.08	354.23	1909.68
98.600	102.40	.26	.00	.00	.05	.35	.00	3330.00	1087.23	324.80	1917.97
123.200	101.21	.00	.05	.00	.18	.64	.00	3330.00	963.94	528.60	1827.46
123.200	101.68	.47	.03	.00	.10	.49	.00	3330.00	1021.08	424.78	1884.14
123.200	102.16	.48	.01	.00	.06	.39	.00	3330.00	1067.38	352.36	1910.26
123.200	102.41	.25	.01	.00	.05	.34	.00	3330.00	1088.15	323.58	1918.27
138.900	101.24	.00	.03	.00	3.91	2.70	.08	3425.00	165.18	2333.07	926.76
138.900	101.70	.46	.02	.00	2.17	2.08	.04	3425.00	300.18	1912.07	1212.76
138.900	102.18	.48	.01	.00	1.21	1.61	.02	3425.00	453.60	1567.72	1402.68
138.900	102.43	.25	.01	.00	.90	1.41	.01	3425.00	538.78	1419.01	1467.20
149.000	101.60	.00	.36	.00	3.89	3.07	.14	3425.00	123.26	3282.67	19.07
149.000	101.92	.32	.22	.00	2.90	2.71	.10	3425.00	250.52	2594.53	175.96
149.000	102.31	.39	.13	.00	1.86	2.22	.06	3425.00	440.76	2555.09	429.15
149.000	102.53	.22	.10	.00	1.43	1.96	.04	3425.00	548.24	2316.19	550.57
151.400	101.72	.00	.12	.00	6.63	3.02	.14	3425.00	.00	3424.25	.74
151.400	102.02	.30	.10	.00	10.78	2.98	.14	3425.00	.00	3419.95	5.06
151.400	102.36	.34	.05	.00	10.79	2.96	.14	3425.00	.00	3411.06	13.94
151.400	102.55	.20	.03	.00	10.79	2.95	.13	3425.00	.00	3402.86	22.14
151.800	101.75	.00	.03	.00	6.60	3.01	.14	3425.00	.00	3424.13	.87
151.800	102.06	.32	.04	.00	10.78	2.98	.14	3425.00	.00	3419.23	5.77
151.800	102.40	.34	.04	.00	10.79	2.96	.14	3425.00	.00	3409.58	15.42
151.800	102.60	.20	.04	.00	10.79	2.94	.13	3425.00	.00	3401.31	23.69
152.600	101.77	.00	.02	.00	6.39	3.63	.20	3425.00	.00	3415.89	9.11
152.600	102.10	.34	.04	.00	5.53	3.46	.18	3425.00	.00	3391.79	33.21
152.600	102.44	.34	.04	.00	4.79	3.29	.16	3425.00	.00	3359.61	65.39
152.600	102.64	.20	.04	.00	4.40	3.19	.15	3425.00	.00	3338.68	86.32

SECND	DWSEL	DIFWSP	DIFWSX	DRWS	10K*6	VCH	HV	Q	GLDB	QCH	GRDB
171.700	102.83	.00	1.06	.00	3.37	2.92	.12	3425.00	120.34	2105.81	198.85
171.700	103.02	.19	.92	.00	2.87	2.73	.10	3425.00	132.28	2955.37	277.36
171.700	103.23	.21	.79	.00	2.38	2.53	.08	3425.00	251.37	2804.21	369.42
171.700	103.36	.13	.72	.00	2.12	2.40	.07	3425.00	292.51	2703.39	429.10
201.600	103.75	.00	.92	.00	2.28	2.17	.07	1900.00	.00	1866.35	13.65
201.600	103.83	.08	.81	.00	2.20	2.14	.07	1900.00	.00	1882.38	17.62
201.600	103.93	.10	.70	.00	2.12	2.11	.07	1900.00	.00	1877.03	22.97
201.600	103.99	.06	.63	.00	2.06	2.09	.07	1900.00	.00	1873.05	26.95
228.200	104.30	.00	.55	.00	1.48	1.64	.04	1130.00	20.04	1109.69	.27
228.200	104.36	.06	.53	.00	1.43	1.62	.04	1130.00	22.44	1107.26	.30
228.200	104.44	.08	.51	.00	1.37	1.60	.04	1130.00	25.41	1104.24	.34
228.200	104.49	.05	.50	.00	1.33	1.59	.04	1130.00	27.49	1102.14	.37
229.200	104.30	.00	.00	.00	3.20	2.32	.08	1130.00	.00	1130.00	.00
229.200	104.36	.06	.00	.00	3.12	2.30	.08	1130.00	.00	1130.00	.00
229.200	104.44	.07	.00	.00	3.03	2.28	.08	1130.00	.00	1130.00	.00
229.200	104.49	.05	.00	.00	2.97	2.26	.08	1130.00	.00	1130.00	.00
232.800	104.30	.00	.01	.00	3.20	2.33	.08	1130.00	.00	1130.00	.00
232.800	104.37	.06	.01	.00	3.12	2.30	.08	1130.00	.00	1130.00	.00
232.800	104.44	.07	.01	.00	3.03	2.28	.08	1130.00	.00	1130.00	.00
232.800	104.49	.05	.01	.00	2.98	2.26	.08	1130.00	.00	1130.00	.00
233.300	104.25	.00	-.06	.00	1.51	3.74	.22	1130.00	.00	1130.00	.00
233.300	104.31	.07	-.05	.00	1.45	3.70	.21	1130.00	.00	1129.99	.01
233.300	104.39	.08	-.05	.00	1.39	3.66	.21	1130.00	.01	1129.98	.01
233.300	104.44	.05	-.05	.00	1.35	3.62	.20	1130.00	.01	1129.98	.01
235.050	104.28	.00	.03	.00	1.48	3.72	.22	1130.00	.00	1130.00	.00
235.050	104.34	.06	.03	.00	1.42	3.68	.21	1130.00	.01	1129.99	.01
235.050	104.42	.07	.03	.00	1.36	3.64	.21	1130.00	.01	1129.98	.01
235.050	104.47	.05	.03	.00	1.33	3.61	.20	1130.00	.01	1129.97	.01
235.650	104.35	.00	.08	.00	.94	3.22	.16	1130.00	.00	1129.99	.00
235.650	104.42	.06	.08	.00	.92	3.19	.15	1130.00	.01	1129.98	.01
235.650	104.49	.07	.07	.00	.88	3.15	.15	1130.00	.01	1129.98	.01
235.650	104.54	.05	.07	.00	.86	3.13	.15	1130.00	.01	1129.97	.01
236.200	104.37	.00	.01	.00	.94	3.21	.16	1130.00	.01	1129.99	.01
236.200	104.43	.06	.01	.00	.91	3.18	.16	1130.00	.01	1129.98	.01
236.200	104.50	.07	.01	.00	.88	3.15	.15	1130.00	.01	1129.98	.01
236.200	104.55	.05	.01	.00	.86	3.12	.15	1130.00	.02	1129.97	.02
236.800	104.34	.00	-.03	.00	1.61	3.82	.23	1130.00	.00	1130.00	.00
236.800	104.40	.06	-.03	.00	1.55	3.78	.22	1130.00	.00	1130.00	.00
236.800	104.48	.07	-.02	.00	1.49	3.73	.22	1130.00	.00	1130.00	.00
236.800	104.53	.05	-.02	.00	1.45	3.70	.21	1130.00	.00	1129.99	.01

	SECNO	CWSEL	DIFWSP	DIFWSX	CRINS	10K*S	VCR	HV	Q	GLDB	GCR	GRDS
	243.900	104.45	.00	.10	.00	2.23	4.29	.29	1130.00	.00	1130.00	.00
	243.900	104.51	.06	.10	.00	2.17	4.24	.28	1130.00	.00	1130.00	.00
	243.900	104.57	.07	.10	.00	2.09	4.19	.27	1130.00	.00	1130.00	.00
	243.900	104.62	.05	.09	.00	2.04	4.15	.27	1130.00	.00	1130.00	.00
	244.500	104.55	.00	.11	.00	1.44	3.70	.21	1130.00	.00	1130.00	.00
	244.500	104.61	.05	.10	.00	1.41	3.66	.21	1130.00	.00	1130.00	.00
	244.500	104.67	.06	.10	.00	1.36	3.63	.20	1130.00	.00	1130.00	.00
	244.500	104.72	.04	.10	.00	1.34	3.60	.20	1130.00	.00	1130.00	.00
	245.000	104.58	.00	.02	.00	1.43	3.68	.21	1130.00	.00	1130.00	.00
	245.000	104.63	.05	.02	.00	1.39	3.65	.21	1130.00	.00	1130.00	.00
	245.000	104.69	.06	.02	.00	1.35	3.61	.20	1130.00	.00	1130.00	.00
	245.000	104.74	.04	.02	.00	1.33	3.59	.20	1130.00	.00	1130.00	.00
	245.650	104.54	.00	-.04	.00	2.53	4.49	.31	1130.00	.00	1130.00	.00
	245.650	104.59	.06	-.04	.00	2.46	4.44	.31	1130.00	.00	1130.00	.00
	245.650	104.66	.07	-.04	.00	2.37	4.38	.30	1130.00	.00	1130.00	.00
	245.650	104.70	.04	-.04	.00	2.32	4.35	.29	1130.00	.00	1130.00	.00
	253.200	104.72	.00	.18	.00	3.33	4.95	.38	1130.00	.00	1130.00	.00
	253.200	104.77	.05	.18	.00	3.24	4.90	.37	1130.00	.00	1130.00	.00
	253.200	104.83	.06	.17	.00	3.14	4.84	.36	1130.00	.00	1130.00	.00
	253.200	104.87	.04	.17	.00	3.07	4.80	.36	1130.00	.00	1130.00	.00
	253.750	104.55	.00	-.18	.00	8.63	7.12	.79	1130.00	.00	1130.00	.00
	253.750	104.60	.05	-.17	.00	8.36	7.04	.77	1130.00	.00	1130.00	.00
	253.750	104.66	.06	-.17	.00	8.06	6.96	.75	1130.00	.00	1130.00	.00
	253.750	104.70	.04	-.17	.00	7.87	6.90	.74	1130.00	.00	1130.00	.00
	254.150	104.74	.00	.19	.00	7.72	6.86	.73	1130.00	.00	1130.00	.00
	254.150	104.78	.05	.18	.00	7.53	6.80	.72	1130.00	.00	1130.00	.00
	254.150	104.83	.05	.17	.00	7.30	6.73	.70	1130.00	.00	1130.00	.00
	254.150	104.87	.04	.17	.00	7.16	6.69	.69	1130.00	.00	1130.00	.00
*	254.900	105.17	.00	.44	105.17	24.68	10.87	1.84	1130.00	.00	1130.00	.00
*	254.900	105.19	.02	.41	105.19	24.31	10.81	1.82	1130.00	.00	1130.00	.00
*	254.900	105.18	-.01	.35	105.18	24.49	10.84	1.83	1130.00	.00	1130.00	.00
*	254.900	105.17	-.01	.30	105.17	24.64	10.87	1.83	1130.00	.00	1130.00	.00
	258.150	107.07	.00	1.89	.00	6.57	6.54	.66	1130.00	.00	1130.00	.00
	258.150	107.06	-.01	1.86	.00	6.62	6.55	.67	1130.00	.00	1130.00	.00
	258.150	107.06	.01	1.88	.00	6.60	6.55	.67	1130.00	.00	1130.00	.00
	258.150	107.07	.00	1.89	.00	6.58	6.54	.66	1130.00	.00	1130.00	.00
	273.650	108.23	.00	1.17	.00	3.98	5.02	.39	815.00	.00	815.00	.00
	273.650	108.23	.00	1.17	.00	3.99	5.02	.39	815.00	.00	815.00	.00
	273.650	108.23	.00	1.17	.00	3.99	5.02	.39	815.00	.00	815.00	.00
	273.650	108.23	.00	1.17	.00	3.98	5.02	.39	815.00	.00	815.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	QLOS	QCH	QRCH
274.150	108.61	.00	.37	.00	.78	2.66	.11	815.00	.00	815.00	.00
274.150	108.61	.00	.37	.00	.78	2.66	.11	815.00	.00	815.00	.00
274.150	108.61	.00	.37	.00	.78	2.66	.11	815.00	.00	815.00	.00
274.150	108.61	.00	.37	.00	.78	2.66	.11	815.00	.00	815.00	.00
276.150	108.62	.00	.01	.00	.85	2.76	.12	815.00	.00	815.00	.00
276.150	108.62	.00	.01	.00	.85	2.76	.12	815.00	.00	815.00	.00
276.150	108.62	.00	.01	.00	.85	2.76	.12	815.00	.00	815.00	.00
276.150	108.62	.00	.01	.00	.85	2.76	.12	815.00	.00	815.00	.00
276.650	108.50	.00	-.12	.00	3.76	4.89	.37	815.00	.00	815.00	.00
276.650	108.50	.00	-.12	.00	3.77	4.89	.37	815.00	.00	815.00	.00
276.650	108.50	.00	-.12	.00	3.76	4.89	.37	815.00	.00	815.00	.00
276.650	108.50	.00	-.12	.00	3.76	4.89	.37	815.00	.00	815.00	.00
279.650	108.64	.00	.14	.00	3.45	4.74	.35	815.00	.00	815.00	.00
279.650	108.63	.00	.14	.00	3.45	4.74	.35	815.00	.00	815.00	.00
279.650	108.64	.00	.14	.00	3.45	4.74	.35	815.00	.00	815.00	.00
279.650	108.64	.00	.14	.00	3.45	4.74	.35	815.00	.00	815.00	.00
280.650	108.94	.00	.30	.00	.80	2.87	.13	815.00	.10	814.81	.10
280.650	108.94	.00	.30	.00	.81	2.87	.13	815.00	.10	814.81	.10
280.650	108.94	.00	.30	.00	.81	2.87	.13	815.00	.10	814.81	.10
280.650	108.94	.00	.30	.00	.80	2.87	.13	815.00	.10	814.81	.10
281.300	108.95	.00	.01	.00	1.32	3.58	.20	815.00	.10	814.81	.10
281.300	108.95	.00	.01	.00	1.32	3.58	.20	815.00	.10	814.81	.10
281.300	108.95	.00	.01	.00	1.32	3.58	.20	815.00	.10	814.81	.10
281.300	108.95	.00	.01	.00	1.32	3.58	.20	815.00	.10	814.81	.10
281.950	108.90	.00	-.05	.00	2.57	4.63	.33	815.00	.14	814.71	.15
281.950	108.90	.00	-.05	.00	2.58	4.63	.33	815.00	.14	814.71	.15
281.950	108.90	.00	-.05	.00	2.58	4.63	.33	815.00	.14	814.71	.15
281.950	108.90	.00	-.05	.00	2.57	4.63	.33	815.00	.14	814.71	.15
293.950	109.23	.00	.33	.00	3.89	5.24	.43	815.00	.01	814.97	.01
293.950	109.23	.00	.33	.00	3.89	5.24	.43	815.00	.01	814.97	.01
293.950	109.23	.00	.33	.00	3.89	5.24	.43	815.00	.01	814.97	.01
293.950	109.23	.00	.33	.00	3.89	5.24	.43	815.00	.01	814.97	.01
294.220	109.24	.00	.01	.00	3.85	5.22	.42	815.00	.02	814.97	.02
294.220	109.24	.00	.01	.00	3.85	5.22	.42	815.00	.02	814.97	.02
294.220	109.24	.00	.01	.00	3.85	5.22	.42	815.00	.02	814.97	.02
294.220	109.24	.00	.01	.00	3.85	5.22	.42	815.00	.02	814.97	.02
294.600	109.62	.00	.38	.00	2.99	4.84	.36	815.00	.07	814.86	.07
294.600	109.62	.00	.38	.00	3.00	4.84	.36	815.00	.07	814.86	.07
294.600	109.62	.00	.38	.00	3.00	4.84	.36	815.00	.07	814.86	.07
294.600	109.62	.00	.38	.00	2.99	4.84	.36	815.00	.07	814.86	.07

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*8	VCH	HV	Q	GLDB	GCH	GRDB
294.750	109.72	.00	.09	.00	2.52	4.36	.29	670.00	.06	669.87	.07
294.750	109.71	.00	.09	.00	2.52	4.36	.29	670.00	.06	669.87	.07
294.750	109.71	.00	.09	.00	2.52	4.36	.29	670.00	.06	669.87	.07
294.750	109.72	.00	.09	.00	2.52	4.36	.29	670.00	.06	669.87	.07
306.900	110.05	.00	.33	.00	3.74	4.90	.37	670.00	.00	670.00	.00
306.900	110.04	.00	.33	.00	3.75	4.90	.37	670.00	.00	670.00	.00
306.900	110.05	.00	.33	.00	3.75	4.90	.37	670.00	.00	670.00	.00
306.900	110.05	.00	.33	.00	3.74	4.90	.37	670.00	.00	670.00	.00
307.450	110.40	.00	.35	.00	.79	2.62	.11	670.00	.01	669.98	.01
307.450	110.40	.00	.35	.00	.79	2.62	.11	670.00	.01	669.98	.01
307.450	110.40	.00	.35	.00	.79	2.62	.11	670.00	.01	669.98	.01
307.450	110.40	.00	.35	.00	.79	2.62	.11	670.00	.01	669.98	.01
307.900	111.04	.00	.64	.00	.75	2.71	.11	670.00	.06	669.87	.06
307.900	111.04	.00	.64	.00	.75	2.71	.11	670.00	.06	669.87	.06
307.900	111.04	.00	.64	.00	.75	2.71	.11	670.00	.06	669.87	.06
307.900	111.04	.00	.64	.00	.75	2.71	.11	670.00	.06	669.87	.06
308.400	110.96	.00	-.08	.00	2.62	4.30	.29	575.00	.07	574.85	.08
308.400	110.96	.00	-.08	.00	2.62	4.30	.29	575.00	.07	574.85	.08
308.400	110.96	.00	-.08	.00	2.62	4.30	.29	575.00	.07	574.85	.08
308.400	110.96	.00	-.08	.00	2.62	4.30	.29	575.00	.07	574.85	.08
319.750	111.29	.00	.33	.00	3.06	4.24	.28	495.00	.00	495.00	.00
319.750	111.29	.00	.33	.00	3.06	4.24	.28	495.00	.00	495.00	.00
319.750	111.29	.00	.33	.00	3.06	4.24	.28	495.00	.00	495.00	.00
319.750	111.29	.00	.33	.00	3.06	4.24	.28	495.00	.00	495.00	.00
321.350	111.33	.00	.04	.00	3.37	4.35	.29	495.00	.00	495.00	.00
321.350	111.33	.00	.04	.00	3.37	4.35	.29	495.00	.00	495.00	.00
321.350	111.33	.00	.04	.00	3.37	4.35	.29	495.00	.00	495.00	.00
321.350	111.33	.00	.04	.00	3.37	4.35	.29	495.00	.00	495.00	.00
321.950	111.47	.00	.13	.00	2.22	3.64	.21	495.00	.00	495.00	.00
321.950	111.46	.00	.13	.00	2.22	3.64	.21	495.00	.00	495.00	.00
321.950	111.47	.00	.13	.00	2.22	3.64	.21	495.00	.00	495.00	.00
321.950	111.47	.00	.13	.00	2.22	3.64	.21	495.00	.00	495.00	.00
326.950	111.57	.00	.10	.00	2.58	3.89	.24	495.00	.00	495.00	.00
326.950	111.57	.00	.10	.00	2.58	3.89	.24	495.00	.00	495.00	.00
326.950	111.57	.00	.10	.00	2.58	3.89	.24	495.00	.00	495.00	.00
326.950	111.57	.00	.10	.00	2.58	3.89	.24	495.00	.00	495.00	.00
327.550	111.75	.00	.18	.00	.88	2.53	.10	495.00	.00	495.00	.00
327.550	111.75	.00	.19	.00	.88	2.53	.10	495.00	.00	495.00	.00
327.550	111.75	.00	.19	.00	.88	2.53	.10	495.00	.00	495.00	.00
327.550	111.75	.00	.18	.00	.88	2.53	.10	495.00	.00	495.00	.00

SECNO	DWSL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
327.850	112.41	.00	.66	.00	.62	2.23	.08	495.00	.00	495.00	.00
327.850	112.41	.00	.66	.00	.62	2.23	.08	495.00	.00	495.00	.00
327.850	112.41	.00	.66	.00	.62	2.23	.08	495.00	.00	495.00	.00
327.850	112.41	.00	.66	.00	.62	2.23	.08	495.00	.00	495.00	.00
328.350	112.37	.00	-.04	.00	1.64	3.29	.17	495.00	.00	495.00	.00
328.350	112.37	.00	-.04	.00	1.64	3.29	.17	495.00	.00	495.00	.00
328.350	112.37	.00	-.04	.00	1.64	3.29	.17	495.00	.00	495.00	.00
328.350	112.37	.00	-.04	.00	1.64	3.29	.17	495.00	.00	495.00	.00
334.350	112.46	.00	.09	.00	2.16	3.64	.21	495.00	.00	495.00	.00
334.350	112.46	.00	.09	.00	2.16	3.64	.21	495.00	.00	495.00	.00
334.350	112.46	.00	.09	.00	2.16	3.64	.21	495.00	.00	495.00	.00
334.350	112.46	.00	.09	.00	2.16	3.64	.21	495.00	.00	495.00	.00
334.850	112.62	.00	.16	.00	.76	2.40	.09	495.00	.00	495.00	.00
334.850	112.62	.00	.16	.00	.76	2.40	.09	495.00	.00	495.00	.00
334.850	112.62	.00	.16	.00	.76	2.40	.09	495.00	.00	495.00	.00
334.850	112.62	.00	.16	.00	.76	2.40	.09	495.00	.00	495.00	.00
335.150	113.28	.00	.66	.00	.53	2.12	.07	495.00	.03	494.95	.03
335.150	113.28	.00	.66	.00	.53	2.12	.07	495.00	.03	494.95	.03
335.150	113.28	.00	.66	.00	.53	2.12	.07	495.00	.03	494.95	.03
335.150	113.28	.00	.66	.00	.53	2.12	.07	495.00	.03	494.95	.03
335.650	113.25	.00	-.04	.00	1.41	3.11	.15	495.00	.00	495.00	.00
335.650	113.25	.00	-.04	.00	1.41	3.11	.15	495.00	.00	495.00	.00
335.650	113.25	.00	-.04	.00	1.41	3.11	.15	495.00	.00	495.00	.00
335.650	113.25	.00	-.04	.00	1.41	3.11	.15	495.00	.00	495.00	.00
340.700	113.30	.00	.05	.00	2.54	3.83	.23	495.00	.09	494.80	.10
340.700	113.30	.00	.05	.00	2.54	3.83	.23	495.00	.09	494.81	.10
340.700	113.30	.00	.05	.00	2.54	3.83	.23	495.00	.09	494.80	.10
340.700	113.30	.00	.05	.00	2.54	3.83	.23	495.00	.09	494.80	.10
341.200	113.43	.00	.13	.00	1.25	2.94	.13	495.00	.30	494.39	.30
341.200	113.43	.00	.13	.00	1.25	2.95	.13	495.00	.30	494.40	.30
341.200	113.43	.00	.13	.00	1.25	2.95	.13	495.00	.30	494.40	.30
341.200	113.43	.00	.13	.00	1.25	2.94	.13	495.00	.30	494.39	.30
341.500	114.33	.00	.90	.00	1.27	3.20	.16	495.00	3.35	488.31	3.35
341.500	114.33	.00	.90	.00	1.27	3.20	.16	495.00	3.34	488.31	3.34
341.500	114.33	.00	.90	.00	1.27	3.20	.16	495.00	3.34	488.31	3.34
341.500	114.33	.00	.90	.00	1.27	3.20	.16	495.00	3.35	488.31	3.35
342.000	114.35	.00	.03	.00	1.19	3.03	.14	495.00	4.42	485.78	4.80
342.000	114.35	.00	.03	.00	1.19	3.03	.14	495.00	4.41	485.79	4.80
342.000	114.35	.00	.03	.00	1.19	3.03	.14	495.00	4.42	485.79	4.80
342.000	114.35	.00	.03	.00	1.19	3.03	.14	495.00	4.42	485.78	4.80

SECNO	CASEL	DIFASP	DIFASK	CRIMS	10X*5	VCH	HV	Q	DL03	DLH	DR03
345.650	114.43	.00	.07	.00	1.05	2.83	.12	495.00	4.59	485.53	4.53
346.650	114.43	.00	.07	.00	1.05	2.83	.12	495.00	4.53	485.53	4.53
346.650	114.43	.00	.07	.00	1.05	2.83	.12	495.00	4.53	485.53	4.53
346.650	114.43	.00	.07	.00	1.05	2.83	.12	495.00	4.53	485.53	4.53
347.150	114.50	.00	.06	.00	.59	2.25	.08	495.00	3.34	489.33	3.34
347.150	114.49	.00	.06	.00	.59	2.25	.08	495.00	3.33	489.33	3.33
347.150	114.45	.00	.06	.00	.59	2.25	.08	495.00	3.34	489.33	3.34
347.500	115.25	.00	.76	.00	.51	2.25	.08	495.00	5.55	483.70	5.55
347.500	115.25	.00	.76	.00	.51	2.25	.08	495.00	5.55	483.70	5.55
347.500	115.25	.00	.76	.00	.51	2.25	.08	495.00	5.55	483.70	5.55
348.000	115.25	.00	.00	.00	.53	2.42	.09	495.00	8.19	478.52	8.19
348.000	115.25	.00	.00	.00	.53	2.42	.09	495.00	8.19	478.52	8.19
348.000	115.25	.00	.00	.00	.53	2.42	.09	495.00	8.19	478.52	8.19
348.000	115.25	.00	.00	.00	.53	2.42	.09	495.00	8.19	478.52	8.19
350.150	115.25	.00	.00	.00	.92	2.72	.11	495.00	4.58	485.53	4.58
350.150	115.25	.00	.00	.00	.92	2.72	.11	495.00	4.58	485.53	4.58
350.150	115.25	.00	.00	.00	.92	2.72	.11	495.00	4.58	485.53	4.58
350.150	115.25	.00	.00	.00	.92	2.72	.11	495.00	4.58	485.53	4.58
350.250	115.34	.00	.08	.00	.44	1.82	.05	290.00	3.79	282.41	3.79
350.250	115.33	.00	.08	.00	.44	1.82	.05	290.00	3.79	282.42	3.79
350.250	115.34	.00	.08	.00	.44	1.82	.05	290.00	3.79	282.41	3.79
350.250	115.34	.00	.08	.00	.44	1.82	.05	290.00	3.79	282.41	3.79
351.250	115.34	.00	.00	.00	.49	1.88	.05	290.00	4.02	281.95	4.02
351.250	115.34	.00	.00	.00	.49	1.88	.05	290.00	4.02	281.95	4.02
351.250	115.34	.00	.00	.00	.49	1.88	.05	290.00	4.02	281.95	4.02
351.250	115.34	.00	.00	.00	.49	1.88	.05	290.00	4.02	281.95	4.02
351.540	115.30	.00	-.03	.00	1.93	2.88	.13	290.00	4.45	289.11	4.45
351.540	115.30	.00	-.03	.00	1.93	2.88	.13	290.00	4.45	289.11	4.45
351.540	115.30	.00	-.03	.00	1.93	2.88	.13	290.00	4.45	289.11	4.45
351.540	115.30	.00	-.03	.00	1.93	2.88	.13	290.00	4.45	289.11	4.45
351.550	115.32	.00	-.09	.00	20.23	4.43	.30	290.00	1.15	287.59	1.15
351.550	115.32	.00	-.09	.00	20.23	4.43	.30	290.00	1.15	287.59	1.15
351.550	115.32	.00	-.09	.00	20.23	4.43	.30	290.00	1.15	287.59	1.15
351.550	115.32	.00	-.09	.00	20.23	4.43	.30	290.00	1.15	287.59	1.15
351.850	115.30	.00	.08	.00	18.55	4.32	.29	290.00	1.56	285.98	1.56
351.850	115.30	.00	.08	.00	18.55	4.32	.29	290.00	1.56	285.98	1.56
351.850	115.30	.00	.08	.00	18.55	4.32	.29	290.00	1.56	285.98	1.56
351.850	115.30	.00	.08	.00	18.55	4.32	.29	290.00	1.56	285.98	1.56

	SEDNO	DWSEL	DIFWSP	DIFWSX	CRWS	10X*8	VCH	HV	G	GLER	QCH	CRCS
---	351.860	115.55	.00	.25	.00	1.13	2.39	.09	290.00	.84	288.32	.84
---	351.860	115.55	.00	.25	.00	1.13	2.39	.09	290.00	.84	288.32	.84
---	351.860	115.55	.00	.25	.00	1.13	2.39	.09	290.00	.84	288.32	.84
---	351.860	115.55	.00	.25	.00	1.13	2.39	.09	290.00	.84	288.32	.84
---	352.250	115.55	.00	.00	.00	.65	2.46	.09	270.00	3.27	263.46	3.27
---	352.250	115.55	.00	.00	.00	.65	2.46	.09	270.00	3.27	263.46	3.27
---	352.250	115.55	.00	.00	.00	.65	2.46	.09	270.00	3.27	263.46	3.27
---	352.250	115.55	.00	.00	.00	.65	2.46	.09	270.00	3.27	263.46	3.27
---	358.250	115.58	.00	.02	.00	1.72	3.33	.17	270.00	1.36	267.27	1.36
---	358.250	115.58	.00	.02	.00	1.72	3.33	.17	270.00	1.36	267.27	1.36
---	358.250	115.58	.00	.02	.00	1.72	3.33	.17	270.00	1.36	267.27	1.36
---	358.250	115.58	.00	.02	.00	1.72	3.33	.17	270.00	1.36	267.27	1.36
---	358.500	115.58	.00	.00	.00	1.85	3.40	.18	270.00	1.39	267.22	1.39
---	358.500	115.58	.00	.00	.00	1.85	3.40	.18	270.00	1.39	267.22	1.39
---	358.500	115.58	.00	.00	.00	1.85	3.40	.18	270.00	1.39	267.22	1.39
---	358.500	115.58	.00	.00	.00	1.85	3.40	.18	270.00	1.39	267.22	1.39
---	358.750	115.94	.00	.37	.00	1.41	3.13	.15	270.00	1.91	266.18	1.91
---	358.750	115.94	.00	.37	.00	1.41	3.13	.15	270.00	1.91	266.18	1.91
---	358.750	115.94	.00	.37	.00	1.41	3.13	.15	270.00	1.91	266.18	1.91
---	358.750	115.94	.00	.37	.00	1.41	3.13	.15	270.00	1.91	266.18	1.91
---	359.000	116.03	.00	.08	.00	1.41	3.13	.15	270.00	2.09	265.81	2.09
---	359.000	116.03	.00	.08	.00	1.41	3.13	.15	270.00	2.09	265.81	2.09
---	359.000	116.03	.00	.08	.00	1.41	3.13	.15	270.00	2.09	265.81	2.09
---	359.000	116.03	.00	.08	.00	1.41	3.13	.15	270.00	2.09	265.81	2.09
*	372.500	116.57	.00	.54	116.57	29.81	8.07	1.01	270.00	.00	270.00	.00
*	372.500	116.57	.00	.54	116.57	29.81	8.07	1.01	270.00	.00	270.00	.00
*	372.500	116.57	.00	.54	116.57	29.81	8.07	1.01	270.00	.00	270.00	.00
*	372.500	116.57	.00	.54	116.57	29.82	8.07	1.01	270.00	.00	270.00	.00
---	372.850	117.52	.00	.95	.00	5.23	4.43	.31	270.00	.00	270.00	.00
---	372.850	117.52	.00	.95	.00	5.23	4.43	.31	270.00	.00	270.00	.00
---	372.850	117.52	.00	.95	.00	5.23	4.43	.31	270.00	.00	270.00	.00
---	372.850	117.53	.00	.95	.00	5.23	4.43	.31	270.00	.00	270.00	.00
---	373.200	119.04	.00	1.52	.00	1.40	2.86	.12	270.00	4.62	260.75	4.62
---	373.200	119.04	.00	1.52	.00	1.40	2.86	.12	270.00	4.62	260.75	4.62
---	373.200	119.04	.00	1.52	.00	1.40	2.86	.12	270.00	4.62	260.75	4.62
---	373.200	119.04	.00	1.52	.00	1.40	2.86	.12	270.00	4.62	260.75	4.62
---	373.400	119.02	.00	-.03	.00	2.47	3.54	.19	270.00	6.03	257.93	6.03
---	373.400	119.02	.00	-.03	.00	2.47	3.54	.19	270.00	6.03	257.93	6.03
---	373.400	119.02	.00	-.03	.00	2.47	3.54	.19	270.00	6.03	257.93	6.03
---	373.400	119.02	.00	-.03	.00	2.47	3.54	.19	270.00	6.03	257.93	6.03

	SECNO	DWSEL	DIFWSP	DIFWSX	DRWS	10X*S	VCH	HV	Q	QLDB	QCH	QRDB
	373.410	119.02	.00	.00	.00	2.47	3.54	.19	270.00	6.04	257.93	6.04
	373.410	119.02	.00	.00	.00	2.47	3.54	.19	270.00	6.04	257.93	6.04
	373.410	119.02	.00	.00	.00	2.47	3.54	.19	270.00	6.04	257.93	6.04
	373.410	119.02	.00	.00	.00	2.47	3.54	.19	270.00	6.04	257.93	6.04
	373.600	118.41	.00	-.60	118.39	39.51	9.55	1.42	270.00	.00	270.00	.00
	373.600	118.41	.00	-.60	118.39	39.51	9.55	1.42	270.00	.00	270.00	.00
	373.600	118.41	.00	-.60	118.39	39.51	9.55	1.42	270.00	.00	270.00	.00
	373.600	118.41	.00	-.60	118.39	39.50	9.55	1.42	270.00	.00	270.00	.00
	373.650	119.88	.00	1.47	.00	109.51	5.56	.31	270.00	51.44	167.11	51.44
	373.650	119.88	.00	1.47	.00	109.52	5.56	.31	270.00	51.44	167.12	51.44
	373.650	119.88	.00	1.47	.00	109.52	5.56	.31	270.00	51.44	167.12	51.44
*	373.650	119.60	-.28	1.19	119.60	203.96	7.05	.56	270.00	40.05	189.90	40.05
	374.150	120.43	.00	.55	.00	41.31	3.86	.13	270.00	65.37	139.26	65.37
	374.150	120.43	.00	.55	.00	41.31	3.86	.13	270.00	65.37	139.26	65.37
	374.150	120.43	.00	.55	.00	41.31	3.86	.13	270.00	65.37	139.26	65.37
	374.150	120.53	.10	.93	.00	35.75	3.66	.12	270.00	67.08	135.84	67.08
	374.200	120.36	.00	-.07	.00	4.92	4.61	.28	270.00	20.89	228.22	20.89
	374.200	120.36	.00	-.07	.00	4.92	4.61	.28	270.00	20.89	228.22	20.89
	374.200	120.36	.00	-.07	.00	4.92	4.61	.28	270.00	20.89	228.22	20.89
	374.200	120.46	.10	-.07	.00	4.47	4.46	.26	270.00	22.17	225.67	22.17
	374.650	120.64	.00	.28	.00	.57	2.29	.07	270.00	15.08	239.84	15.08
	374.650	120.64	.00	.28	.00	.57	2.29	.07	270.00	15.08	239.84	15.08
	374.650	120.64	.00	.28	.00	.57	2.29	.07	270.00	15.08	239.84	15.08
	374.650	120.71	.07	.25	.00	.54	2.25	.07	270.00	15.44	239.13	15.44
	391.400	120.75	.00	.11	.00	2.00	3.45	.18	270.00	5.99	263.21	.80
	391.400	120.75	.00	.11	.00	2.00	3.45	.18	270.00	5.99	263.21	.80
	391.400	120.75	.00	.11	.00	2.00	3.45	.18	270.00	5.99	263.21	.80
	391.400	120.82	.07	.10	.00	1.89	3.39	.17	270.00	6.33	262.77	.90
	-201.600	103.75	.00	-17.00	.00	.33	2.18	.07	1900.00	.00	1900.00	.00
	-201.600	103.83	.08	-16.92	.00	.32	2.16	.07	1900.00	.00	1900.00	.00
	-201.600	103.93	.10	-16.82	.00	.31	2.13	.07	1900.00	.00	1900.00	.00
	-201.600	103.99	.05	-16.83	.00	.30	2.12	.07	1900.00	.00	1900.00	.00
	.500	103.68	.00	-.06	.00	11.98	3.62	.20	770.00	5.68	764.21	.11
	.500	103.77	.09	-.06	.00	11.31	3.56	.20	770.00	6.27	763.55	.17
	.500	103.87	.10	-.06	.00	10.58	3.49	.19	770.00	6.96	762.73	.31
	.500	103.93	.07	-.06	.00	10.14	3.44	.18	770.00	7.41	762.16	.43
	9.850	104.66	.00	.97	.00	8.02	3.13	.15	770.00	.12	761.19	8.69
	9.850	104.70	.04	.93	.00	7.80	3.10	.15	770.00	.14	760.83	9.03
	9.850	104.75	.05	.89	.00	7.55	3.07	.14	770.00	.16	760.39	9.45
	9.850	104.79	.04	.86	.00	7.39	3.05	.14	770.00	.17	760.09	9.73

SECND	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	GLDB	QCH	QRDP
17.850	105.40	.00	.74	.00	7.74	2.02	.14	770.00	.00	768.24	1.76
17.850	105.43	.03	.73	.00	7.63	3.01	.14	770.00	.00	768.10	1.90
17.850	105.46	.03	.71	.00	7.49	2.99	.14	770.00	.00	767.92	2.08
17.850	105.48	.02	.69	.00	7.39	2.97	.14	770.00	.00	767.80	2.20
34.550	106.09	.00	.69	.00	5.60	2.73	.12	770.00	1.70	768.06	.24
34.550	106.11	.02	.68	.00	5.54	2.72	.11	770.00	1.79	767.95	.26
34.550	106.13	.02	.67	.00	5.47	2.71	.11	770.00	1.91	767.80	.29
34.550	106.15	.01	.66	.00	5.43	2.70	.11	770.00	1.99	767.70	.31
44.850	106.26	.00	.17	.00	.81	2.75	.12	770.00	1.07	768.73	.21
44.850	106.28	.02	.17	.00	.80	2.75	.12	770.00	1.11	768.67	.22
44.850	106.30	.02	.17	.00	.79	2.74	.12	770.00	1.16	768.60	.23
44.850	106.31	.01	.16	.00	.78	2.73	.12	770.00	1.19	768.55	.26
51.850	106.32	.00	.06	.00	.89	2.83	.12	770.00	.98	768.19	.64
51.850	106.33	.01	.06	.00	.88	2.82	.12	770.00	1.03	768.10	.67
51.850	106.35	.02	.05	.00	.87	2.81	.12	770.00	1.10	767.99	.91
51.850	106.37	.01	.05	.00	.86	2.81	.12	770.00	1.15	767.91	.94
52.850	106.38	.00	.06	.00	.53	2.30	.08	770.00	.41	767.84	1.75
52.850	106.40	.01	.06	.00	.52	2.30	.08	770.00	.43	767.78	1.78
52.850	106.41	.02	.06	.00	.52	2.29	.08	770.00	.47	767.71	1.83
52.850	106.43	.01	.06	.00	.51	2.28	.08	770.00	.49	767.65	1.86
55.350	106.47	.00	.09	.00	.14	1.19	.02	400.00	.46	399.00	.55
55.350	106.48	.01	.09	.00	.14	1.18	.02	400.00	.47	398.96	.56
55.350	106.50	.02	.08	.00	.14	1.18	.02	400.00	.50	398.92	.58
55.350	106.51	.01	.08	.00	.14	1.18	.02	400.00	.51	398.90	.59
55.850	106.46	.00	-.01	.00	.33	1.61	.04	400.00	.18	399.76	.06
55.850	106.47	.01	-.01	.00	.32	1.60	.04	400.00	.20	399.74	.06
55.850	106.49	.02	-.01	.00	.32	1.60	.04	400.00	.22	399.72	.07
55.850	106.50	.01	-.01	.00	.32	1.59	.04	400.00	.23	399.70	.07
59.100	106.76	.00	.30	.00	.27	1.52	.04	400.00	.58	399.28	.14
59.100	106.76	.01	.29	.00	.27	1.52	.04	400.00	.60	399.25	.14
59.100	106.77	.01	.28	.00	.27	1.52	.04	400.00	.62	399.24	.14
59.100	106.79	.01	.29	.00	.27	1.51	.04	400.00	.64	399.21	.15
59.700	106.74	.00	-.01	.00	.58	2.06	.07	400.00	.35	397.82	1.83
59.700	106.75	.01	-.01	.00	.57	2.05	.07	400.00	.35	397.78	1.85
59.700	106.76	.01	-.01	.00	.57	2.05	.06	400.00	.38	397.74	1.89
59.700	106.78	.01	-.01	.00	.56	2.04	.06	400.00	.40	397.69	1.93
63.500	106.79	.00	.05	.00	1.28	2.93	.13	400.00	.79	397.72	1.50
63.500	106.80	.01	.05	.00	1.27	2.92	.13	400.00	.80	397.68	1.52
63.500	106.81	.01	.05	.00	1.26	2.91	.13	400.00	.83	397.63	1.55
63.500	106.82	.01	.05	.00	1.25	2.90	.13	400.00	.86	397.56	1.59

SECNO	CWSEL	DIFWSP	DIFWAX	DRWS	10X*8	VCH	HV	G	GLCB	GCN	GRCB
89.000	106.97	.00	.18	.00	.58	2.02	.06	285.00	.91	282.64	1.43
89.000	106.98	.01	.18	.00	.58	2.02	.06	285.00	.93	282.61	1.46
89.000	106.99	.01	.18	.00	.58	2.01	.06	285.00	.95	282.57	1.48
89.000	107.00	.01	.17	.00	.57	2.01	.06	285.00	.97	282.52	1.51
80.350	107.02	.00	.05	.00	3.81	3.63	.20	205.00	.08	204.88	.03
80.350	107.02	.01	.05	.00	3.77	3.62	.20	205.00	.09	204.84	.03
80.350	107.03	.01	.05	.00	3.74	3.61	.20	205.00	.10	204.87	.04
80.350	107.04	.01	.05	.00	3.68	3.59	.20	205.00	.11	204.85	.04
80.850	107.20	.00	.18	.00	1.37	2.19	.07	205.00	.00	205.00	.00
80.850	107.20	.01	.18	.00	1.37	2.18	.07	205.00	.00	205.00	.00
80.850	107.21	.01	.18	.00	1.36	2.18	.07	205.00	.00	205.00	.00
80.850	107.22	.01	.18	.00	1.35	2.17	.07	205.00	.00	205.00	.00
80.860	107.13	.00	-.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
80.860	107.13	.01	-.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
80.860	107.14	.01	-.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
80.860	107.15	.01	-.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
81.400	107.19	.00	.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
81.400	107.20	.01	.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
81.400	107.21	.01	.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
81.400	107.22	.01	.07	.00	11.01	3.70	.21	205.00	.00	205.00	.00
81.410	107.38	.00	.19	.00	1.21	2.09	.07	205.00	.00	205.00	.00
81.410	107.39	.01	.19	.00	1.20	2.09	.07	205.00	.00	205.00	.00
81.410	107.40	.01	.19	.00	1.20	2.09	.07	205.00	.00	205.00	.00
81.410	107.41	.01	.19	.00	1.19	2.08	.07	205.00	.00	205.00	.00
81.800	107.38	.00	-.01	.00	1.44	2.46	.09	205.00	.04	204.95	.01
81.800	107.38	.01	-.01	.00	1.44	2.45	.09	205.00	.05	204.94	.01
81.800	107.39	.01	-.01	.00	1.42	2.45	.09	205.00	.05	204.94	.01
81.800	107.40	.01	-.01	.00	1.41	2.44	.09	205.00	.05	204.93	.01
93.550	107.60	.00	.22	.00	3.55	3.49	.19	205.00	.00	205.00	.00
93.550	107.60	.00	.22	.00	3.93	3.49	.19	205.00	.00	205.00	.00
93.550	107.61	.01	.22	.00	3.90	3.48	.19	205.00	.00	205.00	.00
93.550	107.62	.01	.22	.00	3.87	3.47	.19	205.00	.00	205.00	.00
95.550	107.80	.00	.20	.00	2.13	2.29	.08	95.00	.00	95.00	.00
95.550	107.80	.00	.20	.00	2.12	2.29	.08	95.00	.00	95.00	.00
95.550	107.81	.00	.20	.00	2.11	2.28	.08	95.00	.00	95.00	.00
95.550	107.82	.01	.20	.00	2.09	2.28	.08	95.00	.00	95.00	.00
102.050	107.96	.00	.16	.00	3.64	2.85	.13	95.00	.00	95.00	.00
102.050	107.96	.00	.16	.00	3.82	2.84	.13	95.00	.00	95.00	.00
102.050	107.97	.00	.16	.00	3.80	2.84	.13	95.00	.00	95.00	.00
102.050	107.97	.01	.16	.00	3.77	2.83	.12	95.00	.00	95.00	.00

SECNO	DWSEL	DIFWSP	DIFWSX	CRWS	10X*5	VCH	FV	Q	GLOB	GCH	GRGB
109.050	108.28	.00	.32	.00	5.90	3.54	.19	95.00	.00	95.00	.00
109.050	108.28	.00	.32	.00	6.88	3.53	.19	95.00	.00	95.00	.00
109.050	108.28	.00	.32	.00	6.85	3.53	.19	95.00	.00	95.00	.00
109.050	108.29	.00	.31	.00	6.82	3.52	.19	95.00	.00	95.00	.00

RAIN "D" & AIRPORT-VITER

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	3330.00	.00	.00	128.55	11038.59	11167.14
.000	3330.00	.00	.00	130.12	11038.27	11168.39
.000	3330.00	.00	.00	131.46	11038.00	11169.46
.000	3330.00	.00	.00	5376.30	7059.33	12523.00
10.000	3330.00	80.24	1000.00	5319.27	7078.52	12508.61
10.000	3330.00	120.69	1000.00	5343.25	7069.94	12515.05
10.000	3330.00	156.20	1000.00	5365.05	7062.42	12520.68
10.000	3330.00	310.48	1000.00	5378.23	7058.88	12523.34
41.000	3330.00	1021.25	3100.00	10071.53	5263.10	15467.12
41.000	3330.00	1370.70	3100.00	10100.79	5244.11	15471.64
41.000	3330.00	1696.11	3100.00	11026.89	4327.71	15475.96
41.000	3330.00	2000.32	3100.00	11037.07	4322.45	15478.14
71.000	3330.00	2735.82	3000.00	13866.23	4919.57	18917.63
71.000	3330.00	3519.08	3000.00	13922.08	4873.42	18921.91
71.000	3330.00	4271.87	3000.00	14236.95	4568.00	18926.11
71.000	3330.00	4802.61	3000.00	14245.67	4564.13	18928.25
72.000	3330.00	2801.36	100.00	13866.47	4919.38	18917.65
72.000	3330.00	3600.97	100.00	13922.20	4873.32	18921.91
72.000	3330.00	4369.98	100.00	14236.97	4567.99	18926.12
72.000	3330.00	4909.17	100.00	14245.68	4564.12	18928.27
94.300	3330.00	4212.62	2230.00	12939.03	5837.55	18917.92
94.300	3330.00	5361.00	2230.00	13292.75	5499.80	18922.06
94.300	3330.00	6482.17	2230.00	13656.14	5161.98	18926.20
94.300	3330.00	7205.69	2230.00	13855.57	4987.85	18928.34
95.300	3330.00	4273.73	100.00	12943.95	5832.86	18917.98
95.300	3330.00	5437.01	100.00	13295.27	5497.39	18922.09
95.300	3330.00	6573.52	100.00	13657.70	5160.62	18926.22
95.300	3330.00	7305.12	100.00	13856.75	4986.82	18928.35
95.400	3330.00	4279.85	10.00	12944.27	5832.55	18917.98
95.400	3330.00	5444.61	10.00	13295.44	5497.23	18922.09
95.400	3330.00	6582.66	10.00	13657.79	5160.54	18926.22
95.400	3330.00	7315.06	10.00	13856.83	4986.75	18928.35
97.600	3330.00	4414.66	220.00	12947.35	5829.61	18918.02
97.600	3330.00	5612.03	220.00	13297.07	5495.67	18922.11
97.600	3330.00	6783.74	220.00	13658.83	5159.63	18926.23
97.600	3330.00	7533.90	220.00	13857.63	4986.05	18928.36

SECNO	Q	VOL	XLCH	TOPWID	SSYA	ENDST
97.700	3330.00	4420.80	10.00	12947.49	5829.48	18918.02
97.700	3330.00	5619.65	10.00	13297.15	5495.59	18922.11
97.700	3330.00	6792.88	10.00	13658.68	5159.59	18926.23
97.700	3330.00	7543.84	10.00	13857.67	4985.02	18928.36
98.600	3330.00	4476.03	90.00	12948.74	5828.29	18918.04
98.600	3330.00	5688.19	90.00	13297.82	5494.95	18922.12
98.600	3330.00	6875.17	90.00	13659.31	5159.21	18926.23
98.600	3330.00	7633.39	90.00	13858.00	4985.73	18928.36
123.200	3330.00	6004.03	2460.00	12982.89	5755.68	18918.44
123.200	3330.00	7571.55	2460.00	13316.07	5477.53	18922.33
123.200	3330.00	9130.40	2460.00	13670.94	5149.06	18926.36
123.200	3330.00	10085.63	2460.00	13867.05	4977.83	18928.46
138.900	3425.00	6582.34	1570.00	3897.81	9647.66	13762.40
138.900	3425.00	8295.75	1570.00	4440.75	9169.36	13766.96
138.900	3425.00	10013.15	1570.00	5058.93	8574.04	13771.72
138.900	3425.00	11055.51	1570.00	5948.57	7520.08	13774.22
149.000	3425.00	6658.12	1010.00	4747.65	9299.97	14201.43
149.000	3425.00	8412.07	1010.00	5237.14	8820.72	14205.99
149.000	3425.00	10180.51	1010.00	5891.94	8178.36	14211.53
149.000	3425.00	11253.99	1010.00	6270.38	7806.93	14214.65
151.400	3425.00	6666.95	240.00	153.47	1003.23	1193.73
151.400	3425.00	8425.36	240.00	173.73	1002.91	1212.75
151.400	3425.00	10199.81	240.00	195.78	1002.55	1233.44
151.400	3425.00	11277.00	240.00	209.37	1002.34	1246.21
151.800	3425.00	6666.00	40.00	154.88	1003.21	1195.05
151.800	3425.00	8425.44	40.00	176.10	1002.87	1214.97
151.800	3425.00	10200.91	40.00	198.52	1002.51	1236.02
151.800	3425.00	11278.12	40.00	211.58	1002.30	1248.28
152.600	3425.00	6669.97	80.00	341.69	1003.18	1400.66
152.600	3425.00	8428.54	80.00	345.28	1002.82	1401.50
152.600	3425.00	10203.14	80.00	348.91	1002.46	1402.35
152.600	3425.00	11280.43	80.00	351.02	1002.24	1402.85
171.700	3425.00	6755.15	2150.00	2785.64	9713.35	12678.64
171.700	3425.00	8528.79	2150.00	3021.51	9675.61	12858.13
171.700	3425.00	10321.47	2150.00	3651.19	9546.00	13438.31
171.700	3425.00	11411.05	2150.00	4030.49	9628.17	13787.79
201.600	1900.00	6878.34	2990.00	420.30	11006.95	11501.38
201.600	1900.00	8672.21	2990.00	453.97	11006.75	11533.81
201.600	1900.00	10489.83	2990.00	493.08	11006.53	11571.48
201.600	1900.00	11596.69	2990.00	518.97	11006.38	11596.41

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
228.200	1130.00	6933.70	2660.00	328.17	772.50	1118.24
228.200	1130.00	8729.31	2660.00	340.24	762.19	1118.40
228.200	1130.00	10549.09	2660.00	354.35	750.15	1118.59
228.200	1130.00	11657.47	2660.00	363.73	742.15	1118.72
229.200	1130.00	6935.20	100.00	69.82	965.09	1034.91
229.200	1130.00	8730.84	100.00	70.08	964.96	1035.04
229.200	1130.00	10550.66	100.00	70.38	964.81	1035.19
229.200	1130.00	11659.07	100.00	70.58	964.71	1035.29
232.800	1130.00	6939.22	360.00	69.61	965.09	1034.91
232.800	1130.00	8734.90	360.00	70.07	964.97	1035.03
232.800	1130.00	10554.75	360.00	70.37	964.82	1035.18
232.800	1130.00	11663.19	360.00	70.57	964.72	1035.28
233.300	1130.00	6939.67	50.00	52.99	973.56	1026.54
233.300	1130.00	8735.36	50.00	53.26	973.43	1026.69
233.300	1130.00	10555.22	50.00	53.58	973.29	1026.87
233.300	1130.00	11663.66	50.00	53.79	973.20	1026.99
235.050	1130.00	6940.89	175.00	53.14	973.49	1026.63
235.050	1130.00	8736.59	175.00	53.41	973.37	1026.77
235.050	1130.00	10556.47	175.00	53.72	973.23	1026.95
235.050	1130.00	11664.92	175.00	53.92	973.14	1027.06
235.650	1130.00	6941.34	60.00	53.37	973.32	1026.69
235.650	1130.00	8737.04	60.00	53.61	973.20	1026.81
235.650	1130.00	10556.93	60.00	53.90	973.06	1026.96
235.650	1130.00	11665.38	60.00	54.09	972.96	1027.05
236.200	1130.00	6941.78	55.00	53.43	973.29	1026.72
236.200	1130.00	8737.49	55.00	53.67	973.17	1026.84
236.200	1130.00	10557.38	55.00	53.95	973.03	1026.98
236.200	1130.00	11665.84	55.00	54.14	972.94	1027.08
236.800	1130.00	6942.23	60.00	52.57	973.73	1026.30
236.800	1130.00	8737.94	60.00	52.83	973.61	1026.44
236.800	1130.00	10557.84	60.00	53.14	973.47	1026.61
236.800	1130.00	11666.30	60.00	53.35	973.37	1026.72
243.900	1130.00	6946.78	710.00	49.75	975.12	1024.88
243.900	1130.00	8742.55	710.00	49.98	975.01	1024.99
243.900	1130.00	10562.50	710.00	50.26	974.87	1025.13
243.900	1130.00	11671.00	710.00	50.44	974.78	1025.22
244.500	1130.00	6947.18	60.00	50.80	974.65	1025.45
244.500	1130.00	8742.94	60.00	50.94	974.57	1025.51
244.500	1130.00	10562.91	60.00	51.11	974.48	1025.59
244.500	1130.00	11671.41	60.00	51.22	974.42	1025.64

SECNO	Q	VOL	KLCH	TOPNO	BSFN	ENBT
245.000	1130.00	6947.53	50.00	50.85	974.52	1025.47
245.000	1130.00	8743.30	50.00	51.00	974.54	1025.54
245.000	1130.00	10563.25	50.00	51.15	974.45	1025.62
245.000	1130.00	11571.77	50.00	51.28	974.39	1025.67
245.650	1130.00	6947.94	65.00	48.94	975.53	1024.47
245.650	1130.00	8743.72	65.00	49.16	975.42	1024.58
245.650	1130.00	10563.69	65.00	49.41	975.29	1024.71
245.650	1130.00	11572.20	65.00	49.59	975.21	1024.79
253.200	1130.00	6952.10	755.00	47.23	976.38	1023.62
253.200	1130.00	8747.92	755.00	47.43	976.29	1023.71
253.200	1130.00	10567.95	755.00	47.67	976.17	1023.83
253.200	1130.00	11576.49	755.00	47.82	976.09	1023.91
253.750	1130.00	6952.35	55.00	31.40	984.30	1015.70
253.750	1130.00	8748.17	55.00	31.40	984.30	1015.70
253.750	1130.00	10568.20	55.00	31.40	984.30	1015.70
253.750	1130.00	11576.74	55.00	31.40	984.30	1015.70
254.150	1130.00	6952.50	40.00	31.40	984.30	1015.70
254.150	1130.00	8748.32	40.00	31.40	984.30	1015.70
254.150	1130.00	10568.35	40.00	31.40	984.30	1015.70
254.150	1130.00	11576.99	40.00	31.40	984.30	1015.70
* 254.900	1130.00	6952.73	75.00	28.77	986.96	1015.72
* 254.900	1130.00	8748.55	75.00	28.84	986.93	1015.76
* 254.900	1130.00	10568.58	75.00	28.80	986.94	1015.74
* 254.900	1130.00	11577.13	75.00	28.77	986.95	1015.73
258.150	1130.00	6953.76	325.00	38.51	980.75	1019.25
258.150	1130.00	8749.59	325.00	38.47	980.77	1019.23
258.150	1130.00	10569.62	325.00	38.49	980.76	1019.24
258.150	1130.00	11578.15	325.00	38.50	980.75	1019.25
272.550	815.00	6559.73	1850.00	36.24	981.73	1018.27
272.550	815.00	8755.54	1850.00	36.33	981.74	1018.26
272.550	815.00	10575.52	1850.00	36.53	981.73	1018.27
272.550	815.00	11584.13	1850.00	36.54	981.73	1018.27
274.150	815.00	6560.00	50.00	54.33	970.43	1024.77
274.150	815.00	8755.81	50.00	54.32	970.44	1024.75
274.150	815.00	10575.84	50.00	54.33	970.44	1024.76
274.150	815.00	11584.39	50.00	54.33	970.43	1024.77
276.150	815.00	6561.38	200.00	52.20	969.20	1021.40
276.150	815.00	8757.19	200.00	52.19	969.20	1021.39
276.150	815.00	10577.23	200.00	52.19	969.20	1021.39
276.150	815.00	11585.73	200.00	52.20	969.20	1021.39

SECD	Q	VOL	ALCL	TOPWID	SSFR	ENDST
275.650	815.00	6951.64	50.00	37.59	981.20	1018.80
275.650	815.00	8757.46	50.00	37.58	981.21	1018.79
275.650	815.00	10577.49	50.00	37.59	981.21	1018.79
275.650	815.00	11686.04	50.00	37.59	981.20	1018.80
279.650	815.00	6962.81	300.00	38.15	980.93	1019.07
279.650	815.00	8758.62	300.00	38.13	980.93	1019.07
279.650	815.00	10578.66	300.00	38.14	980.93	1019.07
279.650	815.00	11687.21	300.00	38.14	980.93	1019.07
280.650	815.00	6963.34	100.00	48.59	975.71	1024.29
280.650	815.00	8759.15	100.00	48.58	975.71	1024.29
280.650	815.00	10579.18	100.00	48.59	975.71	1024.29
280.650	815.00	11687.73	100.00	48.59	975.71	1024.29
281.300	815.00	6963.72	65.00	38.90	972.55	1011.45
281.300	815.00	8759.53	65.00	38.90	972.55	1011.45
281.300	815.00	10579.57	65.00	38.90	972.55	1011.45
281.300	815.00	11688.12	65.00	38.90	972.55	1011.45
281.950	815.00	6964.02	65.00	38.69	980.08	1018.77
281.950	815.00	8759.84	65.00	38.64	980.09	1018.72
281.950	815.00	10579.87	65.00	38.66	980.08	1018.75
281.950	815.00	11688.42	65.00	38.69	980.08	1018.77
293.950	815.00	6968.63	1200.00	32.77	983.60	1016.38
293.950	815.00	8754.44	1200.00	32.77	983.61	1016.38
293.950	815.00	10584.47	1200.00	32.77	983.61	1016.38
293.950	815.00	11693.03	1200.00	32.77	983.61	1016.38
294.220	815.00	6968.72	27.00	32.89	983.55	1016.45
294.220	815.00	8754.54	27.00	32.89	983.56	1016.44
294.220	815.00	10584.57	27.00	32.89	983.55	1016.45
294.220	815.00	11693.12	27.00	32.89	983.55	1016.45
294.600	815.00	6968.67	38.00	34.05	982.97	1017.03
294.600	815.00	8754.68	38.00	34.05	982.98	1017.02
294.600	815.00	10584.71	38.00	34.05	982.97	1017.03
294.600	815.00	11693.26	38.00	34.05	982.97	1017.03
294.750	670.00	6968.92	15.00	32.06	984.06	1016.12
294.750	670.00	8754.73	15.00	32.01	984.06	1016.07
294.750	670.00	10584.77	15.00	32.03	984.06	1016.09
294.750	670.00	11693.32	15.00	32.05	984.06	1016.11
306.900	670.00	6972.99	1215.00	30.38	982.33	1012.71
306.900	670.00	8768.80	1215.00	30.38	982.33	1012.71
306.900	670.00	10588.24	1215.00	30.38	982.33	1012.71
306.900	670.00	11697.39	1215.00	30.38	982.33	1012.71

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
307.450	670.00	6973.24	55.00	47.07	976.46	1023.54
307.450	670.00	8769.05	55.00	47.07	976.47	1023.53
307.450	670.00	10589.08	55.00	47.07	976.46	1023.54
307.450	670.00	11697.64	55.00	47.07	976.46	1023.54
307.900	670.00	6973.50	45.00	42.58	973.47	1016.05
307.900	670.00	8769.31	45.00	42.57	973.47	1016.05
307.900	670.00	10589.35	45.00	42.57	973.47	1016.05
307.900	670.00	11697.90	45.00	42.58	973.47	1016.05
308.400	575.00	6973.72	50.00	29.24	986.41	1015.65
308.400	575.00	8769.53	50.00	29.24	986.41	1015.65
308.400	575.00	10589.57	50.00	29.24	986.41	1015.65
308.400	575.00	11698.12	50.00	29.24	986.41	1015.65
319.750	495.00	6977.00	1135.00	27.42	987.14	1014.57
319.750	495.00	8772.81	1135.00	27.42	987.15	1014.56
319.750	495.00	10552.85	1135.00	27.42	987.14	1014.56
319.750	495.00	11701.40	1135.00	27.42	987.14	1014.57
321.350	495.00	6977.43	160.00	27.16	986.32	1013.48
321.350	495.00	8773.24	160.00	27.16	986.32	1013.48
321.350	495.00	10593.27	160.00	27.16	986.32	1013.48
321.350	495.00	11701.83	160.00	27.16	986.32	1013.48
321.950	495.00	6977.60	60.00	31.55	982.66	1014.21
321.950	495.00	8773.41	60.00	31.55	982.66	1014.21
321.950	495.00	10593.44	60.00	31.55	982.66	1014.21
321.950	495.00	11702.00	60.00	31.55	982.66	1014.21
326.950	495.00	6979.11	500.00	29.38	985.31	1014.69
326.950	495.00	8774.52	500.00	29.38	985.31	1014.69
326.950	495.00	10594.96	500.00	29.38	985.31	1014.69
326.950	495.00	11703.51	500.00	29.38	985.31	1014.69
327.550	495.00	6979.33	60.00	39.51	980.16	1019.67
327.550	495.00	8775.14	60.00	39.50	980.16	1019.67
327.550	495.00	10595.18	60.00	39.51	980.16	1019.67
327.550	495.00	11703.73	60.00	39.51	980.16	1019.67
327.850	495.00	6979.48	30.00	41.49	979.16	1020.65
327.850	495.00	8775.29	30.00	41.49	979.16	1020.65
327.850	495.00	10595.32	30.00	41.49	979.16	1020.65
327.850	495.00	11703.88	30.00	41.49	979.16	1020.65
328.350	495.00	6979.69	50.00	31.66	984.17	1015.83
328.350	495.00	8775.50	50.00	31.66	984.17	1015.83
328.350	495.00	10595.54	50.00	31.66	984.17	1015.83
328.350	495.00	11704.09	50.00	31.66	984.17	1015.83

SECNO	Q	VOL	KLCH	TOPRID	SSTP	ENDST
324,350	495.00	6981.66	600.00	30.25	984.87	1015.13
324,350	495.00	8777.47	600.00	30.25	984.87	1015.13
324,350	495.00	10597.51	600.00	30.25	984.87	1015.13
324,350	495.00	11706.06	600.00	30.25	984.87	1015.13
324,350	495.00	6981.86	50.00	40.22	979.89	1020.11
324,350	495.00	8777.67	50.00	40.22	979.89	1020.11
324,350	495.00	10597.70	50.00	40.22	979.89	1020.11
324,350	495.00	11706.26	50.00	40.22	979.89	1020.11
323,150	495.00	6982.02	32.00	80.00	960.00	1040.00
323,150	495.00	8777.83	32.00	80.00	960.00	1040.00
323,150	495.00	10597.87	32.00	80.00	960.00	1040.00
323,150	495.00	11706.42	32.00	80.00	960.00	1040.00
323,650	495.00	6982.24	48.00	32.49	983.75	1016.25
323,650	495.00	8778.05	48.00	32.49	983.75	1016.25
323,650	495.00	10598.08	48.00	32.49	983.75	1016.25
323,650	495.00	11706.64	48.00	32.49	983.75	1016.25
340,700	495.00	6983.94	505.00	80.00	960.00	1040.00
340,700	495.00	8779.74	505.00	80.00	960.00	1040.00
340,700	495.00	10599.78	505.00	80.00	960.00	1040.00
340,700	495.00	11708.33	505.00	80.00	960.00	1040.00
341,200	495.00	6984.12	50.00	80.00	960.00	1040.00
341,200	495.00	8779.92	50.00	80.00	960.00	1040.00
341,200	495.00	10599.95	50.00	80.00	960.00	1040.00
341,200	495.00	11708.51	50.00	80.00	960.00	1040.00
341,500	495.00	6984.24	30.00	61.28	960.00	1021.28
341,500	495.00	8780.05	30.00	61.28	960.00	1021.28
341,500	495.00	10600.08	30.00	61.28	960.00	1021.28
341,500	495.00	11708.54	30.00	61.28	960.00	1021.28
342,000	495.00	6984.48	50.00	80.00	960.00	1040.00
342,000	495.00	8780.28	50.00	80.00	960.00	1040.00
342,000	495.00	10600.32	50.00	80.00	960.00	1040.00
342,000	495.00	11708.87	50.00	80.00	960.00	1040.00
346,650	495.00	6986.84	465.00	80.00	960.00	1040.00
346,650	495.00	8782.64	465.00	80.00	960.00	1040.00
346,650	495.00	10602.68	465.00	80.00	960.00	1040.00
346,650	495.00	11711.23	465.00	80.00	960.00	1040.00
347,150	495.00	6987.12	50.00	80.00	960.00	1040.00
347,150	495.00	8782.93	50.00	80.00	960.00	1040.00
347,150	495.00	10602.97	50.00	80.00	960.00	1040.00
347,150	495.00	11711.52	50.00	80.00	960.00	1040.00

SECD	Q	VOL	XLCH	TOPWID	SSTA	ENDST
347.500	495.00	6987.35	36.00	69.36	950.00	1029.36
347.500	495.00	8783.16	36.00	69.36	950.00	1029.36
347.500	495.00	10603.20	36.00	69.36	950.00	1029.36
347.500	495.00	11711.75	36.00	69.36	950.00	1029.36
348.000	495.00	6987.68	50.00	80.00	950.00	1040.00
348.000	495.00	8783.49	50.00	80.00	950.00	1040.00
348.000	495.00	10603.53	50.00	80.00	950.00	1040.00
348.000	495.00	11712.08	50.00	80.00	950.00	1040.00
350.150	495.00	6988.98	215.00	80.00	950.00	1040.00
350.150	495.00	8784.79	215.00	80.00	950.00	1040.00
350.150	495.00	10604.83	215.00	80.00	950.00	1040.00
350.150	495.00	11713.38	215.00	80.00	950.00	1040.00
350.250	290.00	6989.04	10.00	80.00	950.00	1040.00
350.250	290.00	8784.84	10.00	80.00	950.00	1040.00
350.250	290.00	10604.88	10.00	80.00	950.00	1040.00
350.250	290.00	11713.43	10.00	80.00	950.00	1040.00
351.250	290.00	6989.54	100.00	80.00	950.00	1040.00
351.250	290.00	8785.34	100.00	80.00	950.00	1040.00
351.250	290.00	10605.38	100.00	80.00	950.00	1040.00
351.250	290.00	11713.94	100.00	80.00	950.00	1040.00
351.540	290.00	6989.65	29.00	34.64	980.00	1014.64
351.540	290.00	8785.45	29.00	34.64	980.00	1014.64
351.540	290.00	10605.49	29.00	34.64	980.00	1014.64
351.540	290.00	11714.04	29.00	34.64	980.00	1014.64
351.550	290.00	6989.65	1.00	40.00	980.00	1020.00
351.550	290.00	8785.45	1.00	40.00	980.00	1020.00
351.550	290.00	10605.49	1.00	40.00	980.00	1020.00
351.550	290.00	11714.04	1.00	40.00	980.00	1020.00
351.850	290.00	6989.70	30.00	40.00	980.00	1020.00
351.850	290.00	8785.50	30.00	40.00	980.00	1020.00
351.850	290.00	10605.54	30.00	40.00	980.00	1020.00
351.850	290.00	11714.10	30.00	40.00	980.00	1020.00
351.860	290.00	6989.70	1.00	40.00	980.00	1020.00
351.860	290.00	8785.51	1.00	40.00	980.00	1020.00
351.860	290.00	10605.54	1.00	40.00	980.00	1020.00
351.860	290.00	11714.10	1.00	40.00	980.00	1020.00
352.250	270.00	6989.83	39.00	60.00	970.00	1030.00
352.250	270.00	8785.63	39.00	60.00	970.00	1030.00
352.250	270.00	10605.67	39.00	60.00	970.00	1030.00
352.250	270.00	11714.23	39.00	60.00	970.00	1030.00

SECNO	Q	VOL	XLCH	TOPWID	BSTA	ENDST
358.250	270.00	6991.52	600.00	32.25	983.87	1015.13
358.250	270.00	8787.32	600.00	32.25	983.87	1015.13
358.250	270.00	10607.35	600.00	32.25	983.87	1015.13
358.250	270.00	11715.91	600.00	32.25	983.87	1015.13
358.500	270.00	6991.57	25.00	32.28	983.86	1015.14
358.500	270.00	8787.38	25.00	32.28	983.86	1015.14
358.500	270.00	10607.41	25.00	32.28	983.86	1015.14
358.500	270.00	11715.97	25.00	32.28	983.86	1015.14
358.750	270.00	6991.63	25.00	35.34	982.33	1017.67
358.750	270.00	8787.43	25.00	35.33	982.33	1017.67
358.750	270.00	10607.47	25.00	35.33	982.33	1017.67
358.750	270.00	11716.02	25.00	35.34	982.33	1017.67
359.000	270.00	6993.07	600.00	35.10	981.95	1018.05
359.000	270.00	8788.88	600.00	35.10	981.95	1018.05
359.000	270.00	10608.91	600.00	35.10	981.95	1018.05
359.000	270.00	11717.47	600.00	35.10	981.95	1018.05
* 372.500	270.00	6995.22	1350.00	15.84	991.58	1008.42
* 372.500	270.00	8791.03	1350.00	15.84	991.58	1008.42
* 372.500	270.00	10611.07	1350.00	15.84	991.58	1008.42
* 372.500	270.00	11719.62	1350.00	15.84	991.58	1008.42
372.850	270.00	6995.26	35.00	18.81	990.59	1009.41
372.850	270.00	8791.07	35.00	18.81	990.59	1009.41
372.850	270.00	10611.10	35.00	18.81	990.59	1009.41
372.850	270.00	11719.66	35.00	18.81	990.59	1009.41
373.200	270.00	6995.34	35.00	80.00	960.00	1040.00
373.200	270.00	8791.15	35.00	80.00	960.00	1040.00
373.200	270.00	10611.19	35.00	80.00	960.00	1040.00
373.200	270.00	11719.74	35.00	80.00	960.00	1040.00
373.400	270.00	6995.41	20.00	80.00	960.00	1040.00
373.400	270.00	8791.21	20.00	80.00	960.00	1040.00
373.400	270.00	10611.25	20.00	80.00	960.00	1040.00
373.400	270.00	11719.81	20.00	80.00	960.00	1040.00
373.410	270.00	6995.41	1.00	80.00	960.00	1040.00
373.410	270.00	8791.22	1.00	80.00	960.00	1040.00
373.410	270.00	10611.25	1.00	80.00	960.00	1040.00
373.410	270.00	11719.81	1.00	80.00	960.00	1040.00
373.600	270.00	6995.45	20.00	10.03	994.98	1005.02
373.600	270.00	8791.25	20.00	10.03	994.98	1005.02
373.600	270.00	10611.29	20.00	10.03	994.98	1005.02
373.600	270.00	11719.84	20.00	10.03	994.98	1005.02

SECNO	Q	VOL	ALD-	TDPAID	SSFA	ENST
373.650	270.00	6995.45	5.00	60.00	560.00	1040.00
373.650	270.00	8791.65	5.00	60.00	560.00	1040.00
373.650	270.00	10611.30	5.00	80.00	560.00	1040.00
* 373.650	270.00	11719.85	5.00	80.00	560.00	1040.00
374.150	270.00	6995.59	50.00	80.00	560.00	1040.00
374.150	270.00	8791.40	50.00	80.00	560.00	1040.00
374.150	270.00	10611.44	50.00	80.00	560.00	1040.00
374.150	270.00	11719.98	50.00	80.00	560.00	1040.00
374.200	270.00	6995.61	5.00	80.00	560.00	1040.00
374.200	270.00	8791.41	5.00	80.00	560.00	1040.00
374.200	270.00	10611.45	5.00	80.00	560.00	1040.00
374.200	270.00	11720.00	5.00	80.00	560.00	1040.00
374.650	270.00	6995.91	45.00	80.00	560.00	1040.00
374.650	270.00	8791.62	45.00	80.00	560.00	1040.00
374.650	270.00	10611.66	45.00	80.00	560.00	1040.00
374.650	270.00	11720.21	45.00	80.00	560.00	1040.00
391.400	270.00	7002.65	1575.00	48.00	970.00	1018.00
391.400	270.00	8798.65	1575.00	48.00	970.00	1018.00
391.400	270.00	10618.69	1575.00	48.00	970.00	1018.00
391.400	270.00	11727.42	1575.00	48.00	970.00	1018.00
-201.600	1900.00	7002.35	.00	110.50	1005.95	1117.57
-201.600	1900.00	8798.65	.00	110.95	1005.77	1117.73
-201.600	1900.00	10618.69	.00	111.37	1005.54	1117.91
-201.600	1900.00	11727.42	.00	111.65	1005.35	1118.04
.500	770.00	7002.15	25.00	55.37	569.00	1032.37
.500	770.00	8798.97	25.00	57.58	569.00	1032.53
.500	770.00	10619.01	25.00	51.05	569.00	1032.05
.500	770.00	11727.75	25.00	53.34	569.00	1032.34
9.850	770.00	7009.25	935.00	50.00	975.00	1035.00
9.850	770.00	8804.25	935.00	60.00	975.00	1035.00
9.850	770.00	10624.39	935.00	60.00	975.00	1035.00
9.850	770.00	11733.13	935.00	60.00	975.00	1035.00
17.850	770.00	7013.95	930.00	51.42	975.52	1037.00
17.850	770.00	8809.88	930.00	51.53	975.47	1037.00
17.850	770.00	10630.07	930.00	51.59	975.41	1037.00
17.850	770.00	11738.91	930.00	51.63	975.37	1037.00
34.550	770.00	7020.32	1005.00	73.39	957.00	1030.39
34.550	770.00	8816.28	1005.00	73.53	957.00	1030.63
34.550	770.00	10636.52	1005.00	73.52	957.00	1030.52
34.550	770.00	11745.33	1005.00	74.13	957.00	1031.13

SECNO	Z	YOL	KLCH	TOTNO	STRA	ENOST
44.850	770.00	7027.05	1005.00	33.00	957.00	1040.00
44.850	770.00	8823.05	1005.00	33.00	957.00	1040.00
44.850	770.00	10643.32	1005.00	33.00	957.00	1040.00
44.850	770.00	11752.21	1005.00	33.00	957.00	1040.00
51.850	770.00	7031.76	700.00	95.00	945.00	1040.00
51.850	770.00	8827.78	700.00	95.00	945.00	1040.00
51.850	770.00	10648.08	700.00	95.00	945.00	1040.00
51.850	770.00	11756.99	700.00	95.00	945.00	1040.00
52.850	770.00	7032.51	100.00	95.00	950.00	1045.00
52.850	770.00	8828.53	100.00	95.00	950.00	1045.00
52.850	770.00	10648.83	100.00	95.00	950.00	1045.00
52.850	770.00	11757.74	100.00	95.00	950.00	1045.00
53.350	400.00	7034.57	250.00	95.00	950.00	1045.00
53.350	400.00	8830.50	250.00	95.00	950.00	1045.00
53.350	400.00	10650.91	250.00	95.00	950.00	1045.00
53.350	400.00	11759.83	250.00	95.00	950.00	1045.00
53.850	400.00	7034.92	50.00	75.00	955.00	1030.00
53.850	400.00	8830.95	50.00	75.00	955.00	1030.00
53.850	400.00	10651.27	50.00	75.00	955.00	1030.00
53.850	400.00	11760.19	50.00	75.00	955.00	1030.00
59.100	400.00	7036.91	325.00	75.00	955.00	1030.00
59.100	400.00	8832.94	325.00	75.00	955.00	1030.00
59.100	400.00	10653.27	325.00	75.00	955.00	1030.00
59.100	400.00	11762.19	325.00	75.00	955.00	1030.00
59.700	400.00	7037.25	50.00	77.50	951.00	1038.50
59.700	400.00	8833.29	50.00	77.50	951.00	1038.50
59.700	400.00	10653.61	50.00	77.50	951.00	1038.50
59.700	400.00	11762.94	50.00	77.50	951.00	1038.50
53.500	400.00	7041.46	930.00	63.66	955.34	1030.00
53.500	400.00	8837.51	930.00	64.24	955.75	1030.00
53.500	400.00	10657.85	930.00	64.71	955.25	1030.00
53.500	400.00	11766.30	930.00	65.00	955.00	1030.00
69.000	285.00	7045.07	930.00	65.00	955.00	1030.00
69.000	285.00	8841.13	930.00	65.00	955.00	1030.00
69.000	285.00	10661.49	930.00	65.00	955.00	1030.00
69.000	285.00	11770.45	930.00	65.00	955.00	1030.00
80.350	205.00	7047.96	1130.00	31.45	962.71	1014.16
80.350	205.00	8844.03	1130.00	31.78	962.43	1014.21
80.350	205.00	10664.40	1130.00	32.20	962.05	1014.28
80.350	205.00	11773.39	1130.00	32.78	961.50	1014.38

SECNO	Z	VOL	XLCH	TOPWD	SBTA	ENDBT
80.850	205.00	7048.05	50.00	22.00	985.00	1011.00
80.850	205.00	8844.12	50.00	22.00	985.00	1011.00
80.850	205.00	10664.49	50.00	22.00	985.00	1011.00
80.850	205.00	11773.47	50.00	22.00	989.00	1011.00
80.860	205.00	7048.05	1.00	22.00	989.00	1011.00
80.860	205.00	8844.12	1.00	22.00	989.00	1011.00
80.860	205.00	10664.49	1.00	22.00	985.00	1011.00
80.860	205.00	11773.48	1.00	22.00	989.00	1011.00
81.400	205.00	7048.13	60.00	22.00	989.00	1011.00
81.400	205.00	8844.20	60.00	22.00	989.00	1011.00
81.400	205.00	10664.57	60.00	22.00	989.00	1011.00
81.400	205.00	11773.55	60.00	22.00	989.00	1011.00
81.410	205.00	7048.13	1.00	22.00	989.00	1011.00
81.410	205.00	8844.20	1.00	22.00	989.00	1011.00
81.410	205.00	10664.57	1.00	22.00	989.00	1011.00
81.410	205.00	11773.55	1.00	22.00	989.00	1011.00
81.800	205.00	7048.21	40.00	35.05	981.02	1016.07
81.800	205.00	8844.23	40.00	35.26	980.93	1016.18
81.800	205.00	10664.65	40.00	35.51	980.81	1016.33
81.800	205.00	11773.54	40.00	35.35	980.65	1016.52
93.550	205.00	7050.19	1200.00	22.58	988.59	1011.57
93.550	205.00	8846.26	1200.00	23.00	988.59	1011.59
93.550	205.00	10666.53	1200.00	23.02	988.57	1011.59
93.550	205.00	11775.63	1200.00	23.06	988.55	1011.61
95.550	95.00	7050.41	200.00	19.16	990.42	1009.53
95.550	95.00	8846.49	200.00	19.18	990.41	1009.59
95.550	95.00	10666.65	200.00	19.20	990.40	1009.60
95.550	95.00	11775.66	200.00	19.23	990.39	1009.61
102.050	95.00	7050.97	650.00	17.40	983.20	1006.70
102.050	95.00	8847.05	650.00	17.41	983.29	1006.71
102.050	95.00	10667.42	650.00	17.43	983.29	1006.71
102.050	95.00	11776.42	650.00	17.45	983.29	1006.72
109.050	95.00	7051.45	700.00	15.75	990.05	1005.62
109.050	95.00	8847.53	700.00	15.76	990.05	1005.62
109.050	95.00	10667.91	700.00	15.77	990.05	1005.62
109.050	95.00	11776.91	700.00	15.78	990.05	1005.63

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SEDMG= 254,900 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 254,900 PROFILE= 1 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 254,900 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE ASBL
 CAUTION SEDMG= 254,900 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 254,900 PROFILE= 2 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 254,900 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE ASBL
 CAUTION SEDMG= 254,900 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 254,900 PROFILE= 3 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 254,900 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE ASBL
 CAUTION SEDMG= 254,900 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 254,900 PROFILE= 4 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 254,900 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE ASBL

CAUTION SEDMG= 372,500 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 372,500 PROFILE= 1 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 372,500 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE ASBL
 CAUTION SEDMG= 372,500 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 372,500 PROFILE= 2 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 372,500 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE ASBL
 CAUTION SEDMG= 372,500 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 372,500 PROFILE= 3 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 372,500 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE ASBL
 CAUTION SEDMG= 372,500 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 372,500 PROFILE= 4 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 372,500 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE ASBL

CAUTION SEDMG= 373,650 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SEDMG= 373,650 PROFILE= 4 PROBABLE MINIMUM SPECIFIED ENERGY
 CAUTION SEDMG= 373,650 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE ASBL

VMK

APPENDIX F

LINE	ID	1	2	3	4	5	6	7	8	9	10
1	ID	ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990									
2	ID	FILENAME: ALLIG2PR.H1 -- PROPOSED IMPROVEMENTS									
3	ID	FUTURE DEV -- PROP ROUTINGS -- PROP CHANNEL IMPROVEMENTS MAIN "B"									
4	ID	100-YEAR STORM EVENT									
5	ID	PRECIPITATION DATA FROM C.O.E. DESIGN MEMORANDUM NO. 1B									
		*DIAGRAM									
6	IT	60	1APR81	0	150						
7	IO	5									
8	IN	60	1APR81	0							
9	JD	15.04	0.05								
10	PI	0.17	0.19	0.22	0.22	0.25	0.30	0.35	0.43	0.56	0.82
11	PI	1.70	5.50	1.07	0.64	0.50	0.37	0.34	0.24	0.24	0.21
12	PI	0.19	0.18	0.17	0.17						
13	KK	C1 UPPER MAIN C DRAINAGE AREA -- UPPERC									
14	KM	NODE FOR UPPER MAIN "C" & AIRPORT-VITERBO DITCH									
15	BA	2.27									
16	BF	3.32									
17	LU	1.0	0.1								
18	US	3.89	0.3125								
19	KK	C1 AIRPORT-VITERBO DITCH DRAINAGE AREA -- AIRPORT									
20	BA	1.73									
21	LU	1.10	0.095								
22	US	3.86	0.3125								
23	KK	C1 COMBINE UPPERC & AIRPORT									
24	HC	2									
25	KK	C1A ROUTE C1 TO C1A									
26	KM	NODE FOR MIDDLE MAIN "C" DRAINAGE AREA									
27	RS	3	STOR	-1							
28	SV	0.0	243.	383.	548.	827.	1166.				
29	SR	0.0	1000.0	2000.0	3000.0	4000.0	5000.0				
30	KK	C1A MIDDLE MAIN "C" DRAINAGE AREA -- MIDC									
31	BA	4.15									
32	BF	8.14									
33	LU	1.10	0.095								
34	US	2.67	0.3125								
35	KK	C1A COMBINE ROUTED C1 & MIDC									
36	HC	2									
37	KK	C2 INTERIM PUMP STATION ROUTING -- PUMPED UPPER MAIN "C"									
38	KM	PROPOSED 883,000 GPM PUMP CAPACITY									
39	RS	1	STOR	0.0							
40	SV	0.0	275.0	550.0	825.0	1100.0	1375.0	1650.0	1925.0	2200.0	2475.0
41	SE	95.0	96.0	97.0	98.0	99.0	100.0	101.0	102.0	103.0	104.0
42	SR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
43	WP	95.2	167.1	95.0	CPUMP						
44	WP	95.5	334.2	95.0	CPUMP						
45	WP	96.0	733.0	95.0	CPUMP						
46	WP	96.5	733.0	95.0	CPUMP						

LINE	ID.....	1.....	2.....	3.....	4.....	5.....	6.....	7.....	8.....	9.....	10
47	KK	C2 RETRIEVE MAIN "C" PUMP STATION OUTFLOW									
48	WR	CPUMP									
49	KK	C2 COMBINE PUMPED/DIVERTED CPUMP & DUMMY GRAVITY STRUCTURE									
50	HC	2									
51	KK	MONT MONTROSE DRAINAGE AREA (D.A.#26)									
52	BA	0.55									
53	LU	1.10	0.095								
54	US	2.41	0.3125								
55	KK	MONT INTERIM PUMP STATION ROUTING -- MONTROSE PUMP STATION									
56	RS	2	STOR	0.0							
57	SV	0.0	23.0	70.6							
58	SE	94.	98.	105.							
		* ### OUTFLOW (SQ CARD) IS DUMMY GRAVITY STRUCTURE FOR PUMP STATION									
59	SQ	0.01	0.01	0.01							
60	WP	96.	79.1	94.	MONTP						
61	WP	98.	79.1	96.	MONTP						
62	KK	C2 RETRIEVE MONTROSE PUMP STATION OUTFLOW									
63	WR	MONTP									
64	KK	C2 COMBINE PUMPED/DIVERTED CPUMP & MONTP & DUMMY GRAVITY STRUCTURE									
65	HC	3									
66	KK	C3 ROUTE C2 TO C3									
67	KM	NODE FOR LOWER MAIN "C"									
68	RS	3	STOR	-1							
69	SV	0.0	1051.	2242.	3314.	4331.	5359.				
70	SQ	0.0	1000.0	2000.0	3000.0	4000.0	5000.0				
71	KK	PS3 PUMP STATION #3 DRAINAGE AREA (D.A.#8)									
72	BA	0.71									
73	LU	1.25	0.0875								
74	US	1.84	0.3125								
75	KK	PS3 INTERIM PUMP STATION ROUTING -- PUMP STATION #3									
76	RS	2	STOR	0.0							
77	SV	0.	0.1	4.6	24.0	182.0					
78	SE	86.2	97.2	103.0	105.0	105.5					
79	SQ	0.01	0.01	0.01	0.01	0.01					
		* ### COMBINED PUMPS W/EQUAL ON/OFF ELEVATIONS									
80	WP	88.2	4.46	86.2	PS3P						
81	WP	95.0	28.97	91.0	PS3P						
82	WP	97.2	161.55	93.7	PS3P						
83	WP	98.0	160.43	93.7	PS3P						
84	WP	98.2	83.56	93.7	PS3P						

LINE	ID	1	2	3	4	5	6	7	8	9	10
85	KK	C3 RETRIEVE P.S.#3 OUTFLOW									
86	WR	PS3P									
87	KK	C3 COMBINE ROUTED C2 & PUMPED/DIVERTED PS3P & DUMMY GRAVITY STRUCTURE									
88	HC	3									
89	KK	C3 LOWER MAIN "C" DRAINAGE AREA -- LOWC									
90	BA	4.38									
91	BF	9.94									
92	LU	2.0 0.05									
93	US	7.33 0.3125									
94	KK	C3 COMBINE COMPUTED C2 & LOWC -- TOTAL MAIN "C"									
95	HC	2									
96	KK	A2 DUMMY ROUTE C3 TO A2									
97	RS	1 STOR -1									
98	SV	0.0 0.01									
99	SQ	0.0 5000.0									
100	KK	B1 UPPER MAIN "B" DRAINAGE AREA -- UPPERB									
101	BA	4.61									
102	LU	1.0 0.1									
103	US	3.72 0.3125									
104	KK	A2 ROUTE B1 TO A2 -- KINEMATIC WAVE ROUTING									
105	RK	13450. 0.0003 0.04 TRAP 60. 3.									
106	KK	A2 LOWER MAIN B DRAINAGE AREA -- LOWB									
107	BA	1.96									
108	BF	6.01									
109	LU	1.00 0.10									
110	US	3.25 0.3125									
111	KK	A2 COMBINE ROUTED B1 & LOWB -- TOTAL MAIN "B"									
112	HC	2									
113	KK	A2 COMBINE COMPUTED A2 & DUMMY ROUTED C3 -- TOTAL MAINS "B" & "C"									
114	HC	2									
115	KK	A1 UPPER MAIN "A" DRAINAGE AREA -- UPPERA									
116	KM	NODE FOR PUMPED UPPER MAIN "A" & LATERAL "A-3"									
117	BA	2.61									
118	BF	4.02									
119	LU	1.0 0.1									
120	US	3.76 0.3125									
121	KK	A1 LATERAL "A-3" DRAINAGE AREA -- A-3									
122	BA	1.95									
123	BF	6.44									
124	LU	1.25 0.0875									
125	US	3.36 0.3125									

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

126 KK A1 COMBINE UPPERA & A-3
 127 HC 2

128 KK A1 MIDDLE MAIN "A" DRAINAGE AREA -- MIDA
 129 BA 0.75
 130 BF 1.73
 131 LU 1.75 0.0625
 132 US 4.77 0.3125

133 KK A1 COMBINE COMPUTED A1 & MIDA -- TOTAL UPPER MAIN "A"
 134 HC 2

135 KK A1 INTERIM PUMP STATION ROUTING -- MAIN "A" PUMP STATION
 136 KM PROP 704,000 GPM PUMP CAPACITY
 137 RS 1 STOR 0.0
 138 SV 0.0 150.0 300.0 450.0 605.0 755.0 910.0 1065.0
 139 SE 96.0 97.0 98.0 99.0 100.0 101.0 102.0 103.0
 140 SQ 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
 141 WP 96.5 167.1 96.0 APUMP
 142 WP 97.0 334.2 96.0 APUMP
 143 WP 97.5 334.2 96.0 APUMP
 144 WP 98.0 733.0 96.0 APUMP

145 KK A2 RETRIEVE MAIN "A" PUMP STATION OUTFLOWS
 146 WR APUMP

147 KK A2 LOWER MAIN "A" DRAINAGE AREA -- LOWA
 148 BA 0.84
 149 BF 1.95
 150 LU 1.0 0.10
 151 US 3.15 0.3125

152 KK A2 COMBINE APUMP & DUMMY GRAVITY STRUCTURE & LOWA
 153 HC 3

154 KK PEAR PEAR RIDGE DRAINAGE AREA (D.A.#12)
 155 BA 5.71
 156 LU 1.1 0.0875
 157 US 3.84 0.3125

158 KK PEAR INTERIM PUMP STATION ROUTING -- PEAR RIDGE PUMP STATIONS PS# 1 & 19
 159 RS 2 STOR 0.0
 160 SV 0.0 0.1 0.2 69.8 862.1
 161 SE 81.71 85.64 90.0 99.0 105.0
 162 SQ 0.01 0.01 0.01 0.01 0.01

* *** COMBINED PUMPS W/EQUAL ON/OFF ELEVATIONS

* AVERAGED ON & OFF ELEVATIONS FOR PUMPS WITH CLOSE ELEVATIONS

163 WP 83.56 8.92 81.71 PEARP
 164 WP 85.64 8.92 85.06 PEARP
 165 WP 90.11 140.38 87.21 PEARP
 166 WP 92.51 1156.40 90.04 PEARP
 167 WP 94.71 1164.88 93.71 PEARP

LINE	ID	1	2	3	4	5	6	7	8	9	10	
168	KK	A2 RETRIEVE PEAR RIDGE PUMP STATION OUTFLOWS										
169	WR	PEARP										
170	KK	A2 COMBINE COMP A2 & PUMPED/DIV PEARP & DUM GRAV STRUC -- TOTAL MAIN "A"										
171	HC	3										
172	KK	A2 COMBINE 2 COMPUTED A2 -- TOTAL MAINS "A", "B" & "C"										
173	HC	2										
174	KK	D1 ROUTE A2 TO D1										
175	KM	NODE FOR UPPER MAIN OUTFALL CHANNEL										
176	RS	1	STOR	-1								
177	SV	0.0	787.16	820.04	868.29	926.31	1055.16					
178	SQ	0.0	2000.0	4000.0	6000.0	8000.0	12000.0					
179	KK	D1 UNLEVEED & UNPUMPED DRAINAGE AREA (PARTIAL D.A.#27) -- SPOIL										
180	BA	0.71										
181	BF	2.18										
182	LU	2.0	0.05									
183	US	4.47	0.3125									
184	KK	VISTA VISTA VILLAGE DRAINAGE AREA (D.A.#25)										
185	BA	0.19										
186	LU	1.0	0.10									
187	US	1.79	0.3125									
188	KK	VISTA INTERIM PUMP STATION ROUTING -- VISTA VILLAGE PUMP STATION										
189	RS	1	STOR	0.0								
190	SV	0.0	11.5	54.9								
191	SE	97.0	102.0	102.5								
192	SQ	0.01	0.01	0.01								
193	WP	98.0	38.32	97.0	VISTAP							
194	WP	99.0	77.79	97.0	VISTAP							
195	KK	D1 RETRIEVE VISTA VILLAGE PUMP STATION OUTFLOW										
196	WR	VISTAP										
197	KK	D1 COMBINE ROUTED A2 & SPOIL & PUMPED/DIVERTED VISTAP & DUMMY GRAV. STRUC.										
198	HC	4										
199	KK	PS2 EL VISTA DRAINAGE AREA (D.A.#24)										
200	BA	1.58										
201	LU	1.00	0.10									
202	US	2.37	0.3125									
203	KK	PS2 INTERIM PUMP STATION ROUTING -- EL VISTA PUMP STATION										
204	RS	2	STOR	0.0								
205	SV	0.0	0.1	56.9	164.7	455.9						
206	SE	85.6	88.0	94.2	104.2	105.0						
207	SQ	0.01	0.01	0.01	0.01	0.01						
208	WP	88.0	44.56	85.6	PS2P							
209	WP	94.2	173.13	91.2	PS2P							
210	WP	94.2	173.13	90.7	PS2P							

LINE	ID.....	1.....	2.....	3.....	4.....	5.....	6.....	7.....	8.....	9.....	10
211	KK	D1 RETRIEVE EL VISTA PUMP STATION OUTFLOW									
212	WR	PS2P									
213	KK	D1 COMBINE COMPUTED D1 & PUMPED/DIVERTED PS2P & DUMMY GRAVITY STRUCTURE									
214	HC	3									
215	KK	TEXCHE TEXACO CHEMICAL DRAINAGE AREA									
216	BA	0.20									
217	LU	1.25 0.0875									
218	US	1.59 0.3125									
219	KK	TEXCHE INTERIM PUMP STATION ROUTING -- TEXACO CHEMICAL PUMP STATION									
220	RS	1	STOR	0.0							
221	SV	0.0	2.35	20.35	28.35	39.35					
222	SE	100.0	102.0	104.5	105.0	105.5					
223	SQ	0.01	0.01	0.01	0.01	0.01					
	*	*** COMBINED PUMPS W/EQUAL ON/OFF ELEVATIONS									
224	WP	100.0	6.68	100.0	CHEMP						
225	WP	100.50	6.68	100.0	CHEMP						
226	WP	101.0	138.14	100.0	CHEMP						
227	WP	101.5	69.07	100.5	CHEMP						
228	WP	101.5	69.07	100.5	CHEMP						
229	KK	D1 KM RETRIEVE TEXACO CHEMICAL PUMP STATION OUTFLOW									
230	WR	CHEMP									
231	KK	TEXRES TEXACO RESEARCH DRAINAGE AREA									
232	BA	0.08									
233	LU	1.5 0.075									
234	US	2.21 0.3125									
235	KK	TEXRES INTERIM PUMP STATION ROUTING -- TEXACO RESEARCH PUMP STATION									
236	RS	1	STOR	0.0							
237	SV	0.0	1.06	26.3							
238	SE	100.0	102.0	105.0							
239	SQ	0.01	0.01	0.01							
240	WP	100.25	4.46	100.0	RESP						
241	WP	100.50	44.56	100.0	RESP						
242	KK	D1 RETRIEVE TEXACO RESEARCH PUMP STATION OUTFLOW									
243	WR	RESP									
244	KK	D1 COMBINE COMPUTED D1 & PUMPED/DIVERTED CHEMP & PUMPED/DIVERTED RESP									
	*	DUMMY GRAVITY STRUCTURES @ TEXCHEM & TEXRES									
245	HC	5									
246	KK	CENT CENTRAL PUMP STATION DRAINAGE AREA (D.A.#14) -- CENT									
247	BA	2.97									
248	LU	1.0 0.1									
249	US	2.85 0.3125									

LINE	ID	1	2	3	4	5	6	7	8	9	10
250	KK	CENT INTERIM PUMP STATION ROUTING -- CENTRAL PUMP STATION									
251	RS	4	STOR	0.0							
252	SV	0.0	0.1	58.7	713.6						
253	SE	87.0	91.0	102.0	103.0						
254	SQ	0.01	0.01	0.01	0.01						
		* ### COMBINED PUMPS W/EQUAL ON/OFF ELEVATIONS									
255	WP	88.0	44.56	87.0	CENTP						
256	WP	91.0	111.41	88.0	CENTP						
257	WP	94.0	679.58	91.0	CENTP						
258	WP	99.0	245.10	97.0	CENTP						
259	WP	100.0	490.20	98.0	CENTP						
260	KK	D2 RETRIEVE CENTRAL PUMP STATION OUTFLOW									
261	KM	DUMMY NODE FOR CENTRAL PUMP STATION									
262	WR	CENTP									
263	KK	D2 COMBINE PUMPED/DIVERTED CENTP & DUMMY GRAVITY STRUCTURE									
264	HC	2									
265	KK	D1 ROUTE DUMMY D2 TO D1 -- LAG METHOD									
266	RT	0	3	1							
267	KK	D1 COMBINE COMPUTED D1 & ROUTED CENTP (DUMMY D2)									
268	HC	2									
269	KK	ALLIG LOWER INDUSTRIAL AREA (PARTIAL D.A.#27) -- IND									
270	BA	1.74									
271	BF	42.27									
272	LU	2.0	0.1								
273	US	5.53	0.3125								
274	KK	ALLIG COMBINE COMPUTED D1 & IND									
275	KO	1									
276	HC	2									
277	ZZ										

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT LINE NO.	(V) ROUTING (.) CONNECTOR	(---) DIVERSION OR PUMP FLOW (←) RETURN OF DIVERTED OR PUMPED FLOW
13	C1	
	.	
19	.	C1
	.	.
23	C1.....	
	V	
	V	
25	C1A	
	.	
30	.	C1A
	.	.
35	C1A.....	
	V	
	V	
37	C2	
43	→	CPUMP
37	C2	
	.	
48	.	← CPUMP
47	.	C2
	.	.
49	C2.....	
	.	
51	.	MONTP
	V	
	V	
55	.	MONTP
60	→	MONTP
55	.	MONTP
	.	
63	.	← MONTP
62	.	C2
	.	.
64	C2.....	
	V	
	V	
66	C3	
	.	
71	.	PS3P
	V	
	V	
75	.	PS3P
80	→	PS3P
75	.	PS3P
	.	
86	.	← PS3P
85	.	C3

```

87 C3.....
.
.
89 . C3
.
.
94 C3.....
.
.
96 A2
.
.
100 . B1
.
.
104 . V
.
.
. V
.
. A2
.
.
106 . A2
.
.
111 . A2.....
.
.
113 A2.....
.
.
115 . A1
.
.
121 . A1
.
.
126 . A1.....
.
.
128 . A1
.
.
133 . A1.....
.
.
. V
.
. V
135 . A1
141 . —————> APUMP
135 . A1
.
.
146 . (————— APUMP
145 . A2
.
.
147 . A2
.
.
152 . A2.....
.
.
154 . PEAR
.
.
. V
.
. V
158 . PEAR
163 . —————> PEARP
158 . PEAR
.
.

```

```

155 . . . . . ← PEARP
168 . . . . . A2
. . . . .
170 . . . . . A2.....
. . . . .
172 . . . . . A2.....
. . . . .
174 . . . . . D1
. . . . .
179 . . . . . D1
. . . . .
184 . . . . . VISTA
. . . . . V
. . . . . V
188 . . . . . VISTA
193 . . . . . → VISTAP
188 . . . . . VISTA
. . . . .
196 . . . . . ← VISTAP
195 . . . . . D1
. . . . .
197 . . . . . D1.....
. . . . .
199 . . . . . PS2
. . . . . V
. . . . . V
203 . . . . . PS2
208 . . . . . → PS2P
203 . . . . . PS2
. . . . .
212 . . . . . ← PS2P
211 . . . . . D1
. . . . .
213 . . . . . D1.....
. . . . .
215 . . . . . TEXCHE
. . . . . V
. . . . . V
219 . . . . . TEXCHE
224 . . . . . → CHEMP
219 . . . . . TEXCHE
. . . . .
230 . . . . . ← CHEMP
229 . . . . . D1
. . . . .
231 . . . . . TEXRES
. . . . . V
. . . . . V
235 . . . . . TEXRES
240 . . . . . → RESP
235 . . . . . TEXRES
. . . . .

```

```

243 . . . . . ← RESP
242 . . . . . D1
. . . . .
244 D1.....
.
246 . . . . .
. . . . .
. . . . .
250 . . . . .
255 . . . . . → CENTP
250 . . . . .
. . . . .
262 . . . . . ← CENTP
260 . . . . . D2
. . . . .
263 . . . . . D2.....
. . . . .
. . . . .
265 . . . . . D1
. . . . .
267 D1.....
.
269 . . . . . ALLIG
. . . . .
274 ALLIG.....

```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

FLOOD HYDROGRAPH PACKAGE HEC-1 (IBM XT 512K VERSION) -FEB 1,1985
U.S. ARMY CORPS OF ENGINEERS, THE HYDROLOGIC ENGINEERING CENTER, 609 SECOND STREET, DAVIS, CA. 95616

ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990
FILENAME: ALLIG2PR.H1 -- PROPOSED IMPROVEMENTS
FUTURE DEV -- PROP ROUTINGS -- PROP CHANNEL IMPROVEMENTS MAIN "B"
100-YEAR STORM EVENT
PRECIPITATION DATA FROM C.O.E. DESIGN MEMORANDUM NO. 1B

```

7 IO  OUTPUT CONTROL VARIABLES
      IPRNT      5  PRINT CONTROL
      IPLOT      0  PLOT CONTROL
      QSCAL      0. HYDROGRAPH PLOT SCALE

```

```

IT  HYDROGRAPH TIME DATA
     NMIN      60  MINUTES IN COMPUTATION INTERVAL
     IDATE     1APR81  STARTING DATE
     ITIME     0000  STARTING TIME
     NO       150  NUMBER OF HYDROGRAPH ORDINATES
     NDATE     7APR81  ENDING DATE
     NDTIME    0500  ENDING TIME

```

```

COMPUTATION INTERVAL  1.00 HOURS
TOTAL TIME BASE      149.00 HOURS

```

ENGLISH UNITS

9 JD INDEX STORM NO. 1
 STRM 15.04 PRECIPITATION DEPTH
 TRDA .05 TRANSPOSITION DRAINAGE AREA

10 PI PRECIPITATION PATTERN
 .17 .19 .22 .22 .25 .30 .36 .43 .56 .82
 1.70 5.50 1.07 .64 .50 .37 .34 .24 .24 .21
 .19 .18 .17 .17

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 0. TO 5000.
 THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
 THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 2000. TO 12000.
 THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
 THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

*** **

 * *
 274 KK * ALLIG * COMBINE COMPUTED D1 & IND
 * *

275 KO OUTPUT CONTROL VARIABLES
 IPRNT 1 PRINT CONTROL
 IPLOT 0 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

276 HC HYDROGRAPH COMBINATION
 ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT ALLIG
 TRANSPOSITION AREA .1 SQ MI

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*					
1	APR	0000	1	72.	*	2	APR	1400	39	7080.	*	4	APR	0400	77	597.	*	5	APR	1800	115	305.
1	APR	0100	2	79.	*	2	APR	1500	40	4352.	*	4	APR	0500	78	574.	*	5	APR	1900	116	249.
1	APR	0200	3	194.	*	2	APR	1600	41	4457.	*	4	APR	0600	79	576.	*	5	APR	2000	117	250.
1	APR	0300	4	168.	*	2	APR	1700	42	4512.	*	4	APR	0700	80	490.	*	5	APR	2100	118	299.
1	APR	0400	5	154.	*	2	APR	1800	43	3463.	*	4	APR	0800	81	467.	*	5	APR	2200	119	228.
1	APR	0500	6	224.	*	2	APR	1900	44	4425.	*	4	APR	0900	82	494.	*	5	APR	2300	120	282.
1	APR	0600	7	181.	*	2	APR	2000	45	3960.	*	4	APR	1000	83	404.	*	6	APR	0000	121	280.
1	APR	0700	8	181.	*	2	APR	2100	46	3048.	*	4	APR	1100	84	403.	*	6	APR	0100	122	225.
1	APR	0800	9	282.	*	2	APR	2200	47	3321.	*	4	APR	1200	85	425.	*	6	APR	0200	123	228.
1	APR	0900	10	398.	*	2	APR	2300	48	4207.	*	4	APR	1300	86	355.	*	6	APR	0300	124	280.
1	APR	1000	11	631.	*	3	APR	0000	49	3607.	*	4	APR	1400	87	347.	*	6	APR	0400	125	212.
1	APR	1100	12	642.	*	3	APR	0100	50	2631.	*	4	APR	1500	88	387.	*	6	APR	0500	126	230.
1	APR	1200	13	1318.	*	3	APR	0200	51	3145.	*	4	APR	1600	89	309.	*	6	APR	0600	127	284.
1	APR	1300	14	2889.	*	3	APR	0300	52	2920.	*	4	APR	1700	90	355.	*	6	APR	0700	128	259.
1	APR	1400	15	3800.	*	3	APR	0400	53	2667.	*	4	APR	1800	91	347.	*	6	APR	0800	129	287.
1	APR	1500	16	11260.	*	3	APR	0500	54	2712.	*	4	APR	1900	92	285.	*	6	APR	0900	130	358.
1	APR	1600	17	12300.	*	3	APR	0600	55	2531.	*	4	APR	2000	93	282.	*	6	APR	1000	131	306.
1	APR	1700	18	12521.	*	3	APR	0700	56	2169.	*	4	APR	2100	94	328.	*	6	APR	1100	132	337.

1 APR 1800	19	12543.	*	3 APR 0800	57	2157.	*	4 APR 2200	95	255.	*	5 APR 1200	133	270.
1 APR 1900	20	12737.	*	3 APR 0900	58	2189.	*	4 APR 2300	96	269.	*	5 APR 1300	134	295.
1 APR 2000	21	12297.	*	3 APR 1000	59	2059.	*	5 APR 0000	97	304.	*	5 APR 1400	135	322.
1 APR 2100	22	12130.	*	3 APR 1100	60	2054.	*	5 APR 0100	98	248.	*	5 APR 1500	136	322.
1 APR 2200	23	12242.	*	3 APR 1200	61	1981.	*	5 APR 0200	99	252.	*	5 APR 1600	137	244.
1 APR 2300	24	11461.	*	3 APR 1300	62	1834.	*	5 APR 0300	100	305.	*	5 APR 1700	138	254.
2 APR 0000	25	10017.	*	3 APR 1400	63	1757.	*	5 APR 0400	101	240.	*	5 APR 1800	139	286.
2 APR 0100	26	9828.	*	3 APR 1500	64	1710.	*	5 APR 0500	102	262.	*	5 APR 1900	140	227.
2 APR 0200	27	8891.	*	3 APR 1600	65	1517.	*	5 APR 0600	103	306.	*	5 APR 2000	141	227.
2 APR 0300	28	8835.	*	3 APR 1700	66	1433.	*	5 APR 0700	104	256.	*	5 APR 2100	142	277.
2 APR 0400	29	9104.	*	3 APR 1800	67	1376.	*	5 APR 0800	105	304.	*	5 APR 2200	143	207.
2 APR 0500	30	8210.	*	3 APR 1900	68	1219.	*	5 APR 0900	106	322.	*	5 APR 2300	144	225.
2 APR 0600	31	7400.	*	3 APR 2000	69	1143.	*	5 APR 1000	107	258.	*	7 APR 0000	145	263.
2 APR 0700	32	7880.	*	3 APR 2100	70	1119.	*	5 APR 1100	108	278.	*	7 APR 0100	146	209.
2 APR 0800	33	7603.	*	3 APR 2200	71	968.	*	5 APR 1200	109	319.	*	7 APR 0200	147	215.
2 APR 0900	34	5972.	*	3 APR 2300	72	909.	*	5 APR 1300	110	265.	*	7 APR 0300	148	267.
2 APR 1000	35	7519.	*	4 APR 0000	73	879.	*	5 APR 1400	111	270.	*	7 APR 0400	149	201.
2 APR 1100	36	7259.	*	4 APR 0100	74	762.	*	5 APR 1500	112	321.	*	7 APR 0500	150	208.
2 APR 1200	37	5423.	*	4 APR 0200	75	749.	*	5 APR 1600	113	252.	*			
2 APR 1300	38	7322.	*	4 APR 0300	76	711.	*	5 APR 1700	114	269.	*			
			*				*				*			

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	149.00-HR
12737.	19.00	(CFS) 12416.	9425.	4541.	2336.
		(INCHES) 2.909	8.831	12.764	13.590
		(AC-FT) 6157.	18694.	27019.	28766.

CUMULATIVE AREA = 39.69 SQ MI

RUNOFF SUMMARY
 FLOW IN CUBIC FEET PER SECOND
 TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD			BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
				6-HOUR	24-HOUR	72-HOUR			
HYDROGRAPH AT	C1	1128.	16.00	1032.	636.	249.	2.27		
HYDROGRAPH AT	C1	861.	16.00	789.	487.	191.	1.73		
2 COMBINED AT	C1	1989.	16.00	1821.	1123.	440.	4.00		
ROUTED TO	C1A	1921.	18.00	1764.	1108.	440.	4.00		
HYDROGRAPH AT	C1A	2689.	14.00	2335.	1256.	458.	4.15		
2 COMBINED AT	C1A	4093.	17.00	3754.	2329.	898.	8.15		
PUMP FLOW TO	CPUMP	1967.	15.00	1967.	1967.	901.	8.15		
HYDROGRAPH AT	C2	0.	1.00	0.	0.	0.	8.15	100.98	26.00
HYDROGRAPH AT	C2	1967.	15.00	1967.	1967.	901.	8.15		
2 COMBINED AT	C2	1967.	15.00	1967.	1967.	901.	8.15		
HYDROGRAPH AT	MONT	398.	14.00	336.	177.	68.	.55		
PUMP FLOW TO	MONTP	158.	14.00	158.	158.	67.	.55		
HYDROGRAPH AT	MONT	0.	1.00	0.	0.	0.	.55	114.94	23.00
HYDROGRAPH AT	C2	158.	14.00	158.	158.	67.	.55		
3 COMBINED AT	C2	2126.	15.00	2126.	2126.	968.	8.70		
ROUTED TO	C3	2044.	46.00	2031.	1858.	965.	8.70		
HYDROGRAPH AT	PS3	639.	14.00	520.	235.	85.	.71		
PUMP FLOW TO	PS3P	439.	8.00	439.	274.	147.	.71		
HYDROGRAPH AT	PS3	0.	1.00	0.	0.	0.	.71	105.14	17.00
HYDROGRAPH AT	C3	439.	8.00	439.	274.	147.	.71		
3 COMBINED AT	C3	2345.	38.00	2107.	1961.	1108.	9.41		
HYDROGRAPH AT	C3	1279.	19.00	1234.	961.	475.	4.38		
2 COMBINED AT	C3	2937.	38.00	2637.	2542.	1582.	13.79		
ROUTED TO	A2	2937.	38.00	2637.	2542.	1582.	13.79		
HYDROGRAPH AT	B1	2313.	15.00	2116.	1299.	508.	4.61		
ROUTED TO	A2	2311.	16.00	2116.	1302.	511.	4.61		
HYDROGRAPH AT	A2	1122.	15.00	996.	575.	218.	1.96		
2 COMBINED AT	A2	3384.	16.00	3099.	1869.	729.	6.57		
2 COMBINED AT	A2	5004.	18.00	4883.	4028.	2309.	20.36		

HYDROGRAPH AT	A1	1306.	15.00	1200.	735.	286.	2.61		
HYDROGRAPH AT	A1	1088.	15.00	971.	572.	218.	1.95		
2 COMBINED AT	A1	2394.	15.00	2164.	1307.	505.	4.56		
HYDROGRAPH AT	A1	309.	17.00	291.	199.	83.	.75		
2 COMBINED AT	A1	2669.	15.00	2451.	1504.	588.	5.31		
PUMP FLOW TO	APUMP	1569.	15.00	1568.	1546.	581.	5.31		
HYDROGRAPH AT	A1	0.	1.00	0.	0.	0.	5.31	101.55	23.00
HYDROGRAPH AT	A2	1569.	15.00	1568.	1546.	581.	5.31		
HYDROGRAPH AT	A2	493.	15.00	436.	248.	93.	.84		
3 COMBINED AT	A2	2061.	15.00	1971.	1766.	674.	6.15		
HYDROGRAPH AT	PEAR	2833.	16.00	2602.	1613.	628.	5.71		
PUMP FLOW TO	PEARP	2480.	14.00	2480.	1669.	676.	5.71		
HYDROGRAPH AT	PEAR	0.	1.00	0.	0.	0.	5.71	99.52	19.00
HYDROGRAPH AT	A2	2480.	14.00	2480.	1669.	676.	5.71		
3 COMBINED AT	A2	4541.	15.00	4450.	3429.	1350.	11.86		
2 COMBINED AT	A2	9468.	17.00	9316.	7456.	3659.	32.22		
ROUTED TO	D1	9465.	18.00	9313.	7374.	3647.	32.22		
HYDROGRAPH AT	D1	310.	16.00	289.	194.	80.	.71		
HYDROGRAPH AT	VISTA	170.	14.00	138.	62.	23.	.19		
PUMP FLOW TO	VISTAP	116.	13.00	116.	63.	23.	.19		
HYDROGRAPH AT	VISTA	0.	1.00	0.	0.	0.	.19	102.08	17.00
HYDROGRAPH AT	D1	116.	13.00	116.	63.	23.	.19		
4 COMBINED AT	D1	9877.	18.00	9710.	7615.	3748.	33.12		
HYDROGRAPH AT	PS2	1143.	14.00	958.	486.	173.	1.58		
PUMP FLOW TO	PS2P	391.	13.00	391.	391.	178.	1.58		
HYDROGRAPH AT	PS2	0.	1.00	0.	0.	0.	1.58	104.91	23.00
HYDROGRAPH AT	D1	391.	13.00	391.	391.	178.	1.58		
3 COMBINED AT	D1	10268.	18.00	10101.	8006.	3926.	34.70		
HYDROGRAPH AT	TEXCHE	190.	13.00	146.	66.	24.	.20		
PUMP FLOW TO	CHEMP	290.	13.00	146.	88.	32.	.20		
HYDROGRAPH AT	TEXCHE	0.	1.00	0.	0.	0.	.20	103.75	14.00
HYDROGRAPH AT	D1	290.	13.00	146.	88.	32.	.20		
HYDROGRAPH AT	TEXRES	64.	14.00	54.	27.	11.	.08		

PUMP FLOW TO	RESP	49.	11.00	49.	30.	13.	.08		
HYDROGRAPH AT	TEXRES	0.	1.00	0.	0.	0.	.08	102.43	17.00
HYDROGRAPH AT	D1	49.	11.00	49.	30.	13.	.08		
5 COMBINED AT	D1	10535.	19.00	10248.	8104.	3970.	34.98		
HYDROGRAPH AT	CENT	1879.	15.00	1654.	891.	323.	2.97		
PUMP FLOW TO	CENTP	1571.	15.00	1571.	916.	353.	2.97		
HYDROGRAPH AT	CENT	0.	1.00	0.	0.	0.	2.97	102.13	17.00
HYDROGRAPH AT	D2	1571.	15.00	1571.	916.	353.	2.97		
2 COMBINED AT	D2	1571.	15.00	1571.	916.	353.	2.97		
ROUTED TO	D1	1571.	17.00	1550.	909.	353.	2.97		
2 COMBINED AT	D1	12106.	19.00	11799.	8981.	4322.	37.95		
HYDROGRAPH AT	ALLIG	651.	17.00	618.	448.	218.	1.74		
2 COMBINED AT	ALLIG	12737.	19.00	12416.	9425.	4541.	39.69		

*** NORMAL END OF HEC-1 ***

T1 ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990 -- VANSICKLE, MICKELSON & KLEIN
 T2 FILENAME: ALLIGPUM.PRO -- INPUT HYDROGRAPH: ALLIG2PR.H1 -- PROP. ROUTINGS
 T3 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD PUMP @ 0.5' INT
 T4 FUTURE DEV--EXIST P.S. CONDITIONS --100 YEAR STORM EVENT -- -2' START ELEV

J1	150	1	0	1	60	2400	1	4	0	
J2	98.0	0	98.0	98.0	0.0	0.0	0.0	102.7	1	
PE	98.0	99.0	100.0	101.0	102.0	103.0	104.0	105.0		
PC	0.0	1555.	3890.	7025.	10560.	14285.	18130.	22085.		
GP										
EU	98.0	98.4	98.5	98.9	99.0	99.4	99.5	100.5	101.5	104.0
QU	1175.	1185.	2355.	2380.	3540.	3585.	4730.	4830.	4910.	5000.
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	72.	79.	194.	168.	154.	224.	181.	181.	282.	398.
IP	631.	642.	1318.	2889.	3800.	11260.	12300.	12521.	12543.	12737.
IP12297.	12130.	12242.	11461.	10017.	9828.	8891.	8835.	9104.	8210.	
IP 7400.	7880.	7603.	5972.	7519.	7259.	5423.	7322.	7080.	4352.	
IP 4457.	4512.	3463.	4425.	3960.	3048.	3321.	4207.	3607.	2631.	
IP 3145.	2920.	2667.	2712.	2531.	2169.	2167.	2189.	2059.	2054.	
IP 1981.	1834.	1757.	1710.	1517.	1433.	1376.	1219.	1143.	1119.	
IP 968.	909.	879.	762.	749.	711.	597.	574.	576.	490.	
IP 467.	494.	404.	403.	425.	355.	347.	387.	309.	355.	
IP 347.	285.	282.	328.	255.	269.	304.	248.	252.	305.	
IP 240.	262.	306.	256.	304.	322.	258.	278.	319.	265.	
IP 270.	321.	252.	269.	305.	249.	250.	299.	228.	282.	
IP 280.	225.	228.	280.	212.	230.	284.	259.	287.	358.	
IP 306.	337.	370.	295.	322.	322.	244.	254.	286.	227.	
IP 227.	277.	207.	225.	263.	209.	215.	267.	201.	208.	

NJ
 T4 FUTURE DEV EXIST P.S. CONDITIONS -- 100 YEAR STORM EVENT -- -1' STARTING ELEV

J1	150	1	0	0	60	2400	1	4	0	
J2	99.0	0	99.0	98.9	0.0	0.0	0.0	102.7	1	
PE	99.0	100.0	101.0	102.0	103.0	104.0	105.0			
PC	0.0	2335.	5470.	9005.	12730.	16575.	20530.			
GP										
EU	99.0	99.4	99.5	99.9	100.0	101.0	102.0	104.0		
QU	2380.	2405.	3585.	3630.	4780.	4880.	4940.	5000.		
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	72.	79.	194.	168.	154.	224.	181.	181.	282.	398.
IP	631.	642.	1318.	2889.	3800.	11260.	12300.	12521.	12543.	12737.
IP12297.	12130.	12242.	11461.	10017.	9828.	8891.	8835.	9104.	8210.	
IP 7400.	7880.	7603.	5972.	7519.	7259.	5423.	7322.	7080.	4352.	
IP 4457.	4512.	3463.	4425.	3960.	3048.	3321.	4207.	3607.	2631.	
IP 3145.	2920.	2667.	2712.	2531.	2169.	2167.	2189.	2059.	2054.	
IP 1981.	1834.	1757.	1710.	1517.	1433.	1376.	1219.	1143.	1119.	
IP 968.	909.	879.	762.	749.	711.	597.	574.	576.	490.	
IP 467.	494.	404.	403.	425.	355.	347.	387.	309.	355.	
IP 347.	285.	282.	328.	255.	269.	304.	248.	252.	305.	
IP 240.	262.	306.	256.	304.	322.	258.	278.	319.	265.	
IP 270.	321.	252.	269.	305.	249.	250.	299.	228.	282.	
IP 280.	225.	228.	280.	212.	230.	284.	259.	287.	358.	
IP 306.	337.	370.	295.	322.	322.	244.	254.	286.	227.	
IP 227.	277.	207.	225.	263.	209.	215.	267.	201.	208.	

NJ
 T4 FUTURE DEV EXIST P.S. CONDITIONS -- 100 YEAR STORM EVENT -- 0' STARTING ELEV

J1	150	1	0	0	60	2400	1	4	0
----	-----	---	---	---	----	------	---	---	---

J2	100.0	0	100.0	99.0	0.0	0.0	0.0	102.7	1
PE	100.0	101.0	102.0	103.0	104.0	105.0			
PC	0.0	3135.	6670.	10395.	14240.	18195.			
GP									
EU	100.0	100.4	100.5	100.9	101.0	102.0	103.0	104.0	
QU	2430.	2445.	3650.	3675.	4880.	4940.	4980.	5000.	
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	72.	79.	194.	168.	154.	224.	181.	181.	282.
IP	631.	642.	1318.	2889.	3800.	11260.	12300.	12521.	12543.
IP12297.	12130.	12242.	11461.	10017.	9828.	8891.	8835.	9104.	8210.
IP 7400.	7880.	7603.	5972.	7519.	7259.	5423.	7322.	7080.	4352.
IP 4457.	4512.	3463.	4425.	3960.	3048.	3321.	4207.	3607.	2631.
IP 3145.	2920.	2667.	2712.	2531.	2169.	2167.	2189.	2059.	2054.
IP 1981.	1834.	1757.	1710.	1517.	1433.	1376.	1219.	1143.	1119.
IP 968.	909.	879.	762.	749.	711.	597.	574.	576.	490.
IP 467.	494.	404.	403.	425.	355.	347.	387.	309.	355.
IP 347.	285.	282.	328.	255.	269.	304.	248.	252.	305.
IP 240.	262.	306.	256.	304.	322.	258.	278.	319.	265.
IP 270.	321.	252.	269.	305.	249.	250.	299.	228.	282.
IP 280.	225.	228.	280.	212.	230.	284.	259.	287.	358.
IP 306.	337.	370.	295.	322.	322.	244.	254.	286.	227.
IP 227.	277.	207.	225.	263.	209.	215.	267.	201.	208.
NJ									
T4	FUTURE DEV	EXIST	P.S.	CONDITIONS	—	100 YEAR	STORM EVENT	—	+1' STARTING ELEV
J1	150	1	0	0	60	2400	1	4	0
J2	101.0	0	101.0	100.0	0.0	0.0	0.0	102.7	1
PE	101.0	102.0	103.0	104.0	105.0				
PC	0.0	3535.	7260.	11105.	15060.				
GP									
EU	101.0	101.4	101.5	102.0	103.0	104.0			
QU	2460.	2475.	4910.	4940.	4980.	5000.			
QR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IP	72.	79.	194.	168.	154.	224.	181.	181.	282.
IP	631.	642.	1318.	2889.	3800.	11260.	12300.	12521.	12543.
IP12297.	12130.	12242.	11461.	10017.	9828.	8891.	8835.	9104.	8210.
IP 7400.	7880.	7603.	5972.	7519.	7259.	5423.	7322.	7080.	4352.
IP 4457.	4512.	3463.	4425.	3960.	3048.	3321.	4207.	3607.	2631.
IP 3145.	2920.	2667.	2712.	2531.	2169.	2167.	2189.	2059.	2054.
IP 1981.	1834.	1757.	1710.	1517.	1433.	1376.	1219.	1143.	1119.
IP 968.	909.	879.	762.	749.	711.	597.	574.	576.	490.
IP 467.	494.	404.	403.	425.	355.	347.	387.	309.	355.
IP 347.	285.	282.	328.	255.	269.	304.	248.	252.	305.
IP 240.	262.	306.	256.	304.	322.	258.	278.	319.	265.
IP 270.	321.	252.	269.	305.	249.	250.	299.	228.	282.
IP 280.	225.	228.	280.	212.	230.	284.	259.	287.	358.
IP 306.	337.	370.	295.	322.	322.	244.	254.	286.	227.
IP 227.	277.	207.	225.	263.	209.	215.	267.	201.	208.
ZZ									

* RUN DATE 4-9-1990 TIME 16:50
 INTERIOR DRAINAGE FLOOD ROUTING PROGRAM
 * RUN DATE 4-9-1990 TIME 16:50

ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990 -- VANSICKLE, MICKELSON & KLEIN
 FILENAME: ALLIGPUM.PRO -- INPUT HYDROGRAPH: ALLIG2PR.H1 -- PROP. ROUTINGS
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD PUMP @ 0.5' INT
 FUTURE DEV--EXIST P.S. CONDITIONS --100 YEAR STORM EVENT -- -2' START ELEV

NRQ	NXRPV	KL66	LINKC	DELTA	STIME	NUM	MO	IPRNT	IDIAG
150	1	0	1	60.00	2400.00	1	4	0	0

STEL	TOPEL	PONEL	POFEL	PUMPD	R6Z	P6Z	CONSER	IAVG	ELEVON
98.00	.00	98.00	98.00	.00	.00	.00	102.70	1	.00

8 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
98.00	.0	.0	.0	.0
99.00	.0	1555.0	.0	.0
100.00	.0	3890.0	.0	.0
101.00	.0	7025.0	.0	.0
102.00	.0	10560.0	.0	.0
103.00	.0	14285.0	.0	.0
104.00	.0	18130.0	.0	.0
105.00	.0	22085.0	.0	.0

ELEVATION VS. PUMP DISCHARGE , (EL (M), QP (M))

98.00	1175.
98.40	1185.
98.50	2355.
98.90	2380.
99.00	3540.
99.40	3585.
99.50	4730.
100.50	4830.
101.50	4910.
104.00	5000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	98.00	.00
200	2	4	0.	102.70	.0	79.0	79.0	.0	.0	.0	79.0	79.0	98.00	.00
300	2	4	0.	102.70	.0	194.0	194.0	.0	.0	.0	194.0	194.0	98.00	.00
400	2	4	0.	102.70	.0	168.0	168.0	.0	.0	.0	168.0	168.0	98.00	.00
500	2	4	0.	102.70	.0	154.0	154.0	.0	.0	.0	154.0	154.0	98.00	.00
600	2	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	98.00	.00
700	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	98.00	.00
800	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	98.00	.00
900	2	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	98.00	.00
1000	2	4	0.	102.70	.0	398.0	398.0	.0	.0	.0	398.0	398.0	98.00	.00
1100	2	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	98.00	.00
1200	2	4	0.	102.70	.0	642.0	642.0	.0	.0	.0	642.0	642.0	98.00	.00
1300	2	4	0.	102.70	.0	1318.0	1318.0	.0	.0	.0	837.8	837.8	98.03	39.68
1400	2	4	0.	102.70	.0	2889.0	2889.0	.0	.0	.0	1176.8	1176.8	98.12	181.19
1500	2	4	0.	102.70	.0	3800.0	3800.0	.0	.0	.0	1179.7	1179.7	98.26	397.75
1600	2	4	0.	102.70	.0	11260.0	11260.0	.0	.0	.0	1776.3	1776.3	98.76	1181.52
1700	2	4	0.	102.70	.0	12300.0	12300.0	.0	.0	.0	2965.2	2965.2	99.17	1952.99
1800	2	4	0.	102.70	.0	12521.0	12521.0	.0	.0	.0	3987.1	3987.1	99.47	2656.27
1900	2	4	0.	102.70	.0	12543.0	12543.0	.0	.0	.0	4585.2	4585.2	99.75	3315.94
2000	2	4	0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4769.1	4769.1	100.03	3974.45
2100	2	4	0.	102.70	.0	12297.0	12297.0	.0	.0	.0	4792.6	4792.6	100.22	4594.65
2200	2	4	0.	102.70	.0	12130.0	12130.0	.0	.0	.0	4812.1	4812.1	100.42	5199.43
2300	2	4	0.	102.70	.0	12242.0	12242.0	.0	.0	.0	4830.4	4830.4	100.61	5811.96
2400	2	4	0.	102.70	.0	11461.0	11461.0	.0	.0	.0	4846.0	4846.0	100.79	6358.65
100	3	4	0.	102.70	.0	10017.0	10017.0	.0	.0	.0	4858.4	4858.4	100.92	6784.98
200	3	4	0.	102.70	.0	9828.0	9828.0	.0	.0	.0	4868.9	4868.9	101.05	7194.82
300	3	4	0.	102.70	.0	8891.0	8891.0	.0	.0	.0	4877.6	4877.6	101.14	7526.51
400	3	4	0.	102.70	.0	8835.0	8835.0	.0	.0	.0	4885.0	4885.0	101.23	7852.95
500	3	4	0.	102.70	.0	9104.0	9104.0	.0	.0	.0	4892.7	4892.7	101.33	8201.00
600	3	4	0.	102.70	.0	8210.0	8210.0	.0	.0	.0	4899.7	4899.7	101.41	8474.57
700	3	4	0.	102.70	.0	7400.0	7400.0	.0	.0	.0	4905.1	4905.1	101.47	8680.76
800	3	4	0.	102.70	.0	7880.0	7880.0	.0	.0	.0	4909.4	4909.4	101.54	8926.26
900	3	4	0.	102.70	.0	7603.0	7603.0	.0	.0	.0	4912.5	4912.5	101.60	9148.62
1000	3	4	0.	102.70	.0	5972.0	5972.0	.0	.0	.0	4914.1	4914.1	101.63	9236.05
1100	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	4915.6	4915.6	101.69	9451.21
1200	3	4	0.	102.70	.0	7259.0	7259.0	.0	.0	.0	4917.7	4917.7	101.74	9644.70
1300	3	4	0.	102.70	.0	5423.0	5423.0	.0	.0	.0	4918.9	4918.9	101.75	9686.37
1400	3	4	0.	102.70	.0	7322.0	7322.0	.0	.0	.0	4920.1	4920.1	101.81	9884.87
1500	3	4	0.	102.70	.0	7080.0	7080.0	.0	.0	.0	4922.0	4922.0	101.86	10063.21
1600	3	4	0.	102.70	.0	4352.0	4352.0	.0	.0	.0	4922.7	4922.7	101.85	10016.05
1700	3	4	0.	102.70	.0	4457.0	4457.0	.0	.0	.0	4922.3	4922.3	101.84	9977.60
1800	3	4	0.	102.70	.0	4512.0	4512.0	.0	.0	.0	4921.9	4921.9	101.83	9943.72
1900	3	4	0.	102.70	.0	3463.0	3463.0	.0	.0	.0	4921.1	4921.1	101.79	9823.22
2000	3	4	0.	102.70	.0	4425.0	4425.0	.0	.0	.0	4920.3	4920.3	101.78	9782.26
2100	3	4	0.	102.70	.0	3960.0	3960.0	.0	.0	.0	4919.7	4919.7	101.76	9702.97
2200	3	4	0.	102.70	.0	3048.0	3048.0	.0	.0	.0	4918.5	4918.5	101.71	9548.38
2300	3	4	0.	102.70	.0	3321.0	3321.0	.0	.0	.0	4917.0	4917.0	101.68	9416.48
2400	3	4	0.	102.70	.0	4207.0	4207.0	.0	.0	.0	4916.1	4916.1	101.66	9357.88

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	4	4	0.	102.70	.0	3607.0	3607.0	.0	.0	.0	4915.2	4915.2	101.63	9249.77
200	4	4	0.	102.70	.0	2631.0	2631.0	.0	.0	.0	4913.7	4913.7	101.58	9061.11
300	4	4	0.	102.70	.0	3145.0	3145.0	.0	.0	.0	4912.0	4912.0	101.53	8915.08
400	4	4	0.	102.70	.0	2920.0	2920.0	.0	.0	.0	4910.2	4910.2	101.49	8750.61
500	4	4	0.	102.70	.0	2667.0	2667.0	.0	.0	.0	4907.0	4907.0	101.44	8565.49
600	4	4	0.	102.70	.0	2712.0	2712.0	.0	.0	.0	4902.8	4902.8	101.38	8384.43
700	4	4	0.	102.70	.0	2531.0	2531.0	.0	.0	.0	4898.6	4898.6	101.33	8188.76
800	4	4	0.	102.70	.0	2169.0	2169.0	.0	.0	.0	4893.8	4893.8	101.27	7963.57
900	4	4	0.	102.70	.0	2167.0	2167.0	.0	.0	.0	4888.7	4888.7	101.20	7738.64
1000	4	4	0.	102.70	.0	2189.0	2189.0	.0	.0	.0	4883.6	4883.6	101.14	7515.94
1100	4	4	0.	102.70	.0	2059.0	2059.0	.0	.0	.0	4878.5	4878.5	101.07	7282.93
1200	4	4	0.	102.70	.0	2054.0	2054.0	.0	.0	.0	4873.2	4873.2	101.01	7049.94
1300	4	4	0.	102.70	.0	1981.0	1981.0	.0	.0	.0	4867.6	4867.6	100.93	6811.38
1400	4	4	0.	102.70	.0	1834.0	1834.0	.0	.0	.0	4861.4	4861.4	100.85	6561.18
1500	4	4	0.	102.70	.0	1757.0	1757.0	.0	.0	.0	4854.9	4854.9	100.77	6305.16
1600	4	4	0.	102.70	.0	1710.0	1710.0	.0	.0	.0	4848.3	4848.3	100.69	6045.79
1700	4	4	0.	102.70	.0	1517.0	1517.0	.0	.0	.0	4841.5	4841.5	100.60	5771.04
1800	4	4	0.	102.70	.0	1433.0	1433.0	.0	.0	.0	4834.4	4834.4	100.51	5489.93
1900	4	4	0.	102.70	.0	1376.0	1376.0	.0	.0	.0	4826.4	4826.4	100.42	5204.78
2000	4	4	0.	102.70	.0	1219.0	1219.0	.0	.0	.0	4817.2	4817.2	100.32	4907.40
2100	4	4	0.	102.70	.0	1143.0	1143.0	.0	.0	.0	4807.6	4807.6	100.23	4604.54
2200	4	4	0.	102.70	.0	1119.0	1119.0	.0	.0	.0	4797.9	4797.9	100.13	4300.50
2300	4	4	0.	102.70	.0	968.0	968.0	.0	.0	.0	4788.1	4788.1	100.03	3984.79
2400	4	4	0.	102.70	.0	909.0	909.0	.0	.0	.0	4776.7	4776.7	99.90	3665.15
100	5	4	0.	102.70	.0	879.0	879.0	.0	.0	.0	4763.5	4763.5	99.77	3344.11
200	5	4	0.	102.70	.0	762.0	762.0	.0	.0	.0	4749.6	4749.6	99.63	3014.56
300	5	4	0.	102.70	.0	749.0	749.0	.0	.0	.0	4659.9	4659.9	99.49	2691.35
400	5	4	0.	102.70	.0	711.0	711.0	.0	.0	.0	4079.3	4079.3	99.37	2412.96
500	5	4	0.	102.70	.0	597.0	597.0	.0	.0	.0	3575.4	3575.4	99.26	2166.83
600	5	4	0.	102.70	.0	574.0	574.0	.0	.0	.0	3563.5	3563.5	99.16	1919.76
700	5	4	0.	102.70	.0	576.0	576.0	.0	.0	.0	3551.7	3551.7	99.05	1673.84
800	5	4	0.	102.70	.0	490.0	490.0	.0	.0	.0	3162.3	3162.3	98.93	1452.99
900	5	4	0.	102.70	.0	467.0	467.0	.0	.0	.0	2577.1	2577.1	98.82	1278.60
1000	5	4	0.	102.70	.0	494.0	494.0	.0	.0	.0	2372.0	2372.0	98.72	1123.39
1100	5	4	0.	102.70	.0	404.0	404.0	.0	.0	.0	2365.6	2365.6	98.62	961.28
1200	5	4	0.	102.70	.0	403.0	403.0	.0	.0	.0	2359.1	2359.1	98.51	799.61
1300	5	4	0.	102.70	.0	425.0	425.0	.0	.0	.0	1961.0	1961.0	98.43	672.67
1400	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	1375.3	1375.3	98.38	588.34
1500	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	1183.9	1183.9	98.33	519.18
1600	5	4	0.	102.70	.0	387.0	387.0	.0	.0	.0	1182.8	1182.8	98.29	453.41
1700	5	4	0.	102.70	.0	309.0	309.0	.0	.0	.0	1181.7	1181.7	98.25	381.28
1800	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	1180.6	1180.6	98.20	313.05
1900	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	1179.5	1179.5	98.16	244.25
2000	5	4	0.	102.70	.0	285.0	285.0	.0	.0	.0	1178.3	1178.3	98.11	170.42
2100	5	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	1177.1	1177.1	98.06	96.45
2200	5	4	0.	102.70	.0	328.0	328.0	.0	.0	.0	1176.0	1176.0	98.02	26.36
2300	5	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	574.0	574.0	98.00	.00
2400	5	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	98.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	DVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	98.00	.00
200	6	4	0.	102.70	.0	248.0	248.0	.0	.0	.0	248.0	248.0	98.00	.00
300	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	98.00	.00
400	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	98.00	.00
500	6	4	0.	102.70	.0	240.0	240.0	.0	.0	.0	240.0	240.0	98.00	.00
600	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	98.00	.00
700	6	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	98.00	.00
800	6	4	0.	102.70	.0	256.0	256.0	.0	.0	.0	256.0	256.0	98.00	.00
900	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	98.00	.00
1000	6	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	98.00	.00
1100	6	4	0.	102.70	.0	258.0	258.0	.0	.0	.0	258.0	258.0	98.00	.00
1200	6	4	0.	102.70	.0	278.0	278.0	.0	.0	.0	278.0	278.0	98.00	.00
1300	6	4	0.	102.70	.0	319.0	319.0	.0	.0	.0	319.0	319.0	98.00	.00
1400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	98.00	.00
1500	6	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	98.00	.00
1600	6	4	0.	102.70	.0	321.0	321.0	.0	.0	.0	321.0	321.0	98.00	.00
1700	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	98.00	.00
1800	6	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	98.00	.00
1900	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	98.00	.00
2000	6	4	0.	102.70	.0	249.0	249.0	.0	.0	.0	249.0	249.0	98.00	.00
2100	6	4	0.	102.70	.0	250.0	250.0	.0	.0	.0	250.0	250.0	98.00	.00
2200	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	98.00	.00
2300	6	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	98.00	.00
2400	6	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	98.00	.00
100	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	98.00	.00
200	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	98.00	.00
300	7	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	98.00	.00
400	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	98.00	.00
500	7	4	0.	102.70	.0	212.0	212.0	.0	.0	.0	212.0	212.0	98.00	.00
600	7	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	98.00	.00
700	7	4	0.	102.70	.0	284.0	284.0	.0	.0	.0	284.0	284.0	98.00	.00
800	7	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	98.00	.00
900	7	4	0.	102.70	.0	287.0	287.0	.0	.0	.0	287.0	287.0	98.00	.00
1000	7	4	0.	102.70	.0	358.0	358.0	.0	.0	.0	358.0	358.0	98.00	.00
1100	7	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	98.00	.00
1200	7	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	98.00	.00
1300	7	4	0.	102.70	.0	370.0	370.0	.0	.0	.0	370.0	370.0	98.00	.00
1400	7	4	0.	102.70	.0	295.0	295.0	.0	.0	.0	295.0	295.0	98.00	.00
1500	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	98.00	.00
1600	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	98.00	.00
1700	7	4	0.	102.70	.0	244.0	244.0	.0	.0	.0	244.0	244.0	98.00	.00
1800	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	98.00	.00
1900	7	4	0.	102.70	.0	286.0	286.0	.0	.0	.0	286.0	286.0	98.00	.00
2000	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	98.00	.00
2100	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	98.00	.00
2200	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	98.00	.00
2300	7	4	0.	102.70	.0	207.0	207.0	.0	.0	.0	207.0	207.0	98.00	.00
2400	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	98.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE				PONDING AREA		
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	8	4	0.	102.70	.0	263.0	263.0	.0	.0	.0	263.0	263.0	98.00	.00
200	8	4	0.	102.70	.0	209.0	209.0	.0	.0	.0	209.0	209.0	98.00	.00
300	8	4	0.	102.70	.0	215.0	215.0	.0	.0	.0	215.0	215.0	98.00	.00
400	8	4	0.	102.70	.0	267.0	267.0	.0	.0	.0	267.0	267.0	98.00	.00
500	8	4	0.	102.70	.0	201.0	201.0	.0	.0	.0	201.0	201.0	98.00	.00
600	8	4	0.	102.70	.0	208.0	208.0	.0	.0	.0	208.0	208.0	98.00	.00
* * * * *														
MEAN			0.	102.70	.0	2321.4	2321.4	.0	.0	.0	2321.4	2321.4	99.26	2950.76
MAX			0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4922.7	4922.7	101.86	10063.21
MIN			0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	98.00	.00
TOTAL			0.	15405.0	.0	348208.0	348208.0	.0	.0	.0	348208.1	348208.1	14888.7	442614.6
* * * * *														

PONDING AREA INFLOW TOTALS				PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL		GRAVITY	OVERFLOW	PUMPING	TOTAL
(AC-FT)	(AC-FT)	(AC-FT)		(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
0.	28778.	28778.		0.	0.	28778.	28778.

ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990 -- VANSICKLE, MICKELSON & KLEIN
 FILENAME: ALLIGPUM.PRO -- INPUT HYDROGRAPH: ALLIG2PR.H1 -- PROP. ROUTINGS
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD PUMP @ 0.5' INT
 FUTURE DEV EXIST P.S. CONDITIONS -- 100 YEAR STORM EVENT -- -1' STARTING ELEV

NRO	NXPV	KLAV	LINKC	DELTA	STIME	NUM	MD	IPRT	IDIAS
150	1	0	0	60.00	2400.00	1	4	0	0
STEL	TOPEL	PONEL	POFEL	PUMPQ	RGZ	PGZ	CONSER	IAVG	ELEVON
99.00	.00	99.00	98.90	.00	.00	.00	102.70	1	.00

7 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
99.00	.0	.0	.0	.0
100.00	.0	2335.0	.0	.0
101.00	.0	5470.0	.0	.0
102.00	.0	9005.0	.0	.0
103.00	.0	12730.0	.0	.0
104.00	.0	16575.0	.0	.0
105.00	.0	20530.0	.0	.0

ELEVATION VS. PUMP DISCHARGE	(EL (M), QP (M))
99.00	2380.
99.40	2405.
99.50	3585.
99.90	3630.
100.00	4780.
101.00	4880.
102.00	4940.
104.00	5000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	99.00	.00
200	2	4	0.	102.70	.0	79.0	79.0	.0	.0	.0	79.0	79.0	99.00	.00
300	2	4	0.	102.70	.0	194.0	194.0	.0	.0	.0	194.0	194.0	99.00	.00
400	2	4	0.	102.70	.0	168.0	168.0	.0	.0	.0	168.0	168.0	99.00	.00
500	2	4	0.	102.70	.0	154.0	154.0	.0	.0	.0	154.0	154.0	99.00	.00
600	2	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	99.00	.00
700	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	99.00	.00
800	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	99.00	.00
900	2	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	99.00	.00
1000	2	4	0.	102.70	.0	398.0	398.0	.0	.0	.0	398.0	398.0	99.00	.00
1100	2	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	99.00	.00
1200	2	4	0.	102.70	.0	642.0	642.0	.0	.0	.0	642.0	642.0	99.00	.00
1300	2	4	0.	102.70	.0	1318.0	1318.0	.0	.0	.0	1318.0	1318.0	99.00	.00
1400	2	4	0.	102.70	.0	2889.0	2889.0	.0	.0	.0	2258.7	2258.7	99.02	52.09
1500	2	4	0.	102.70	.0	3800.0	3800.0	.0	.0	.0	2383.0	2383.0	99.07	169.20
1600	2	4	0.	102.70	.0	11260.0	11260.0	.0	.0	.0	2394.3	2394.3	99.39	901.90
1700	2	4	0.	102.70	.0	12300.0	12300.0	.0	.0	.0	3006.7	3006.7	99.72	1669.94
1800	2	4	0.	102.70	.0	12521.0	12521.0	.0	.0	.0	4195.0	4195.0	100.01	2358.05
1900	2	4	0.	102.70	.0	12543.0	12543.0	.0	.0	.0	4791.0	4791.0	100.21	2998.71
2000	2	4	0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4811.6	4811.6	100.42	3653.70
2100	2	4	0.	102.70	.0	12297.0	12297.0	.0	.0	.0	4831.9	4831.9	100.62	4270.65
2200	2	4	0.	102.70	.0	12130.0	12130.0	.0	.0	.0	4851.3	4851.3	100.81	4872.19
2300	2	4	0.	102.70	.0	12242.0	12242.0	.0	.0	.0	4870.6	4870.6	101.00	5481.40
2400	2	4	0.	102.70	.0	11461.0	11461.0	.0	.0	.0	4884.8	4884.8	101.16	6024.89
100	3	4	0.	102.70	.0	10017.0	10017.0	.0	.0	.0	4893.0	4893.0	101.28	6448.36
200	3	4	0.	102.70	.0	9828.0	9828.0	.0	.0	.0	4900.1	4900.1	101.39	6855.63
300	3	4	0.	102.70	.0	8891.0	8891.0	.0	.0	.0	4906.3	4906.3	101.49	7184.94
400	3	4	0.	102.70	.0	8835.0	8835.0	.0	.0	.0	4911.9	4911.9	101.58	7509.17
500	3	4	0.	102.70	.0	9104.0	9104.0	.0	.0	.0	4917.5	4917.5	101.67	7855.16
600	3	4	0.	102.70	.0	8210.0	8210.0	.0	.0	.0	4922.8	4922.8	101.75	8126.83
700	3	4	0.	102.70	.0	7400.0	7400.0	.0	.0	.0	4926.8	4926.8	101.81	8331.22
800	3	4	0.	102.70	.0	7880.0	7880.0	.0	.0	.0	4930.6	4930.6	101.88	8574.97
900	3	4	0.	102.70	.0	7603.0	7603.0	.0	.0	.0	4934.6	4934.6	101.94	8795.50
1000	3	4	0.	102.70	.0	5972.0	5972.0	.0	.0	.0	4937.2	4937.2	101.96	8881.03
1100	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	4939.3	4939.3	102.02	9094.22
1200	3	4	0.	102.70	.0	7259.0	7259.0	.0	.0	.0	4941.5	4941.5	102.08	9285.75
1300	3	4	0.	102.70	.0	5423.0	5423.0	.0	.0	.0	4942.4	4942.4	102.09	9325.47
1400	3	4	0.	102.70	.0	7322.0	7322.0	.0	.0	.0	4943.4	4943.4	102.14	9522.05
1500	3	4	0.	102.70	.0	7080.0	7080.0	.0	.0	.0	4944.9	4944.9	102.19	9698.51
1600	3	4	0.	102.70	.0	4352.0	4352.0	.0	.0	.0	4945.4	4945.4	102.17	9649.47
1700	3	4	0.	102.70	.0	4457.0	4457.0	.0	.0	.0	4945.0	4945.0	102.16	9609.13
1800	3	4	0.	102.70	.0	4512.0	4512.0	.0	.0	.0	4944.7	4944.7	102.15	9573.37
1900	3	4	0.	102.70	.0	3463.0	3463.0	.0	.0	.0	4944.1	4944.1	102.12	9450.97
2000	3	4	0.	102.70	.0	4425.0	4425.0	.0	.0	.0	4943.4	4943.4	102.11	9408.12
2100	3	4	0.	102.70	.0	3960.0	3960.0	.0	.0	.0	4942.9	4942.9	102.09	9326.89
2200	3	4	0.	102.70	.0	3048.0	3048.0	.0	.0	.0	4942.0	4942.0	102.04	9170.37
2300	3	4	0.	102.70	.0	3321.0	3321.0	.0	.0	.0	4940.8	4940.8	102.01	9036.50
2400	3	4	0.	102.70	.0	4207.0	4207.0	.0	.0	.0	4939.9	4939.9	101.99	8975.93

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	4	4	0.	102.70	.0	3607.0	3607.0	.0	.0	.0	4938.6	4938.6	101.96	8865.88
200	4	4	0.	102.70	.0	2631.0	2631.0	.0	.0	.0	4936.0	4936.0	101.91	8675.36
300	4	4	0.	102.70	.0	3145.0	3145.0	.0	.0	.0	4933.2	4933.2	101.86	8527.60
400	4	4	0.	102.70	.0	2920.0	2920.0	.0	.0	.0	4930.5	4930.5	101.82	8361.45
500	4	4	0.	102.70	.0	2667.0	2667.0	.0	.0	.0	4927.5	4927.5	101.77	8174.63
600	4	4	0.	102.70	.0	2712.0	2712.0	.0	.0	.0	4924.4	4924.4	101.71	7991.79
700	4	4	0.	102.70	.0	2531.0	2531.0	.0	.0	.0	4921.1	4921.1	101.66	7794.26
800	4	4	0.	102.70	.0	2169.0	2169.0	.0	.0	.0	4917.5	4917.5	101.59	7567.11
900	4	4	0.	102.70	.0	2167.0	2167.0	.0	.0	.0	4913.7	4913.7	101.53	7340.11
1000	4	4	0.	102.70	.0	2189.0	2189.0	.0	.0	.0	4909.8	4909.8	101.47	7115.25
1100	4	4	0.	102.70	.0	2059.0	2059.0	.0	.0	.0	4905.9	4905.9	101.40	6879.97
1200	4	4	0.	102.70	.0	2054.0	2054.0	.0	.0	.0	4901.9	4901.9	101.33	6644.60
1300	4	4	0.	102.70	.0	1981.0	1981.0	.0	.0	.0	4897.9	4897.9	101.26	6403.53
1400	4	4	0.	102.70	.0	1834.0	1834.0	.0	.0	.0	4893.7	4893.7	101.19	6150.67
1500	4	4	0.	102.70	.0	1757.0	1757.0	.0	.0	.0	4889.4	4889.4	101.12	5891.79
1600	4	4	0.	102.70	.0	1710.0	1710.0	.0	.0	.0	4884.9	4884.9	101.05	5629.40
1700	4	4	0.	102.70	.0	1517.0	1517.0	.0	.0	.0	4879.5	4879.5	100.96	5351.51
1800	4	4	0.	102.70	.0	1433.0	1433.0	.0	.0	.0	4871.7	4871.7	100.87	5067.32
1900	4	4	0.	102.70	.0	1376.0	1376.0	.0	.0	.0	4862.6	4862.6	100.78	4779.18
2000	4	4	0.	102.70	.0	1219.0	1219.0	.0	.0	.0	4853.2	4853.2	100.68	4478.83
2100	4	4	0.	102.70	.0	1143.0	1143.0	.0	.0	.0	4843.5	4843.5	100.59	4173.01
2200	4	4	0.	102.70	.0	1119.0	1119.0	.0	.0	.0	4833.7	4833.7	100.49	3866.00
2300	4	4	0.	102.70	.0	968.0	968.0	.0	.0	.0	4823.8	4823.8	100.39	3547.35
2400	4	4	0.	102.70	.0	909.0	909.0	.0	.0	.0	4813.5	4813.5	100.28	3224.66
100	5	4	0.	102.70	.0	879.0	879.0	.0	.0	.0	4803.2	4803.2	100.18	2900.34
200	5	4	0.	102.70	.0	762.0	762.0	.0	.0	.0	4792.7	4792.7	100.07	2567.23
300	5	4	0.	102.70	.0	749.0	749.0	.0	.0	.0	4576.6	4576.6	99.96	2250.90
400	5	4	0.	102.70	.0	711.0	711.0	.0	.0	.0	3995.0	3995.0	99.85	1979.50
500	5	4	0.	102.70	.0	597.0	597.0	.0	.0	.0	3618.1	3618.1	99.74	1729.82
600	5	4	0.	102.70	.0	574.0	574.0	.0	.0	.0	3606.1	3606.1	99.63	1479.23
700	5	4	0.	102.70	.0	576.0	576.0	.0	.0	.0	3594.0	3594.0	99.53	1229.81
800	5	4	0.	102.70	.0	490.0	490.0	.0	.0	.0	3181.8	3181.8	99.43	1007.35
900	5	4	0.	102.70	.0	467.0	467.0	.0	.0	.0	2589.0	2589.0	99.36	831.98
1000	5	4	0.	102.70	.0	494.0	494.0	.0	.0	.0	2400.2	2400.2	99.29	674.45
1100	5	4	0.	102.70	.0	404.0	404.0	.0	.0	.0	2395.8	2395.8	99.22	509.83
1200	5	4	0.	102.70	.0	403.0	403.0	.0	.0	.0	2391.4	2391.4	99.15	345.49
1300	5	4	0.	102.70	.0	425.0	425.0	.0	.0	.0	2387.1	2387.1	99.08	183.34
1400	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	2382.7	2382.7	99.01	15.76
1500	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	537.7	537.7	99.00	.00
1600	5	4	0.	102.70	.0	387.0	387.0	.0	.0	.0	387.0	387.0	99.00	.00
1700	5	4	0.	102.70	.0	309.0	309.0	.0	.0	.0	309.0	309.0	99.00	.00
1800	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	355.0	355.0	99.00	.00
1900	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	347.0	347.0	99.00	.00
2000	5	4	0.	102.70	.0	285.0	285.0	.0	.0	.0	285.0	285.0	99.00	.00
2100	5	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	99.00	.00
2200	5	4	0.	102.70	.0	328.0	328.0	.0	.0	.0	328.0	328.0	99.00	.00
2300	5	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	99.00	.00
2400	5	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	99.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	99.00	.00
200	6	4	0.	102.70	.0	248.0	248.0	.0	.0	.0	248.0	248.0	99.00	.00
300	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	99.00	.00
400	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	99.00	.00
500	6	4	0.	102.70	.0	240.0	240.0	.0	.0	.0	240.0	240.0	99.00	.00
600	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	99.00	.00
700	6	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	99.00	.00
800	6	4	0.	102.70	.0	256.0	256.0	.0	.0	.0	256.0	256.0	99.00	.00
900	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	99.00	.00
1000	6	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	99.00	.00
1100	6	4	0.	102.70	.0	258.0	258.0	.0	.0	.0	258.0	258.0	99.00	.00
1200	6	4	0.	102.70	.0	278.0	278.0	.0	.0	.0	278.0	278.0	99.00	.00
1300	6	4	0.	102.70	.0	319.0	319.0	.0	.0	.0	319.0	319.0	99.00	.00
1400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	99.00	.00
1500	6	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	99.00	.00
1600	6	4	0.	102.70	.0	321.0	321.0	.0	.0	.0	321.0	321.0	99.00	.00
1700	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	99.00	.00
1800	6	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	99.00	.00
1900	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	99.00	.00
2000	6	4	0.	102.70	.0	249.0	249.0	.0	.0	.0	249.0	249.0	99.00	.00
2100	6	4	0.	102.70	.0	250.0	250.0	.0	.0	.0	250.0	250.0	99.00	.00
2200	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	99.00	.00
2300	6	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	99.00	.00
2400	6	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	99.00	.00
100	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	99.00	.00
200	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	99.00	.00
300	7	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	99.00	.00
400	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	99.00	.00
500	7	4	0.	102.70	.0	212.0	212.0	.0	.0	.0	212.0	212.0	99.00	.00
600	7	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	99.00	.00
700	7	4	0.	102.70	.0	284.0	284.0	.0	.0	.0	284.0	284.0	99.00	.00
800	7	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	99.00	.00
900	7	4	0.	102.70	.0	287.0	287.0	.0	.0	.0	287.0	287.0	99.00	.00
1000	7	4	0.	102.70	.0	358.0	358.0	.0	.0	.0	358.0	358.0	99.00	.00
1100	7	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	99.00	.00
1200	7	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	99.00	.00
1300	7	4	0.	102.70	.0	370.0	370.0	.0	.0	.0	370.0	370.0	99.00	.00
1400	7	4	0.	102.70	.0	295.0	295.0	.0	.0	.0	295.0	295.0	99.00	.00
1500	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	99.00	.00
1600	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	99.00	.00
1700	7	4	0.	102.70	.0	244.0	244.0	.0	.0	.0	244.0	244.0	99.00	.00
1800	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	99.00	.00
1900	7	4	0.	102.70	.0	286.0	286.0	.0	.0	.0	286.0	286.0	99.00	.00
2000	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	99.00	.00
2100	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	99.00	.00
2200	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	99.00	.00
2300	7	4	0.	102.70	.0	207.0	207.0	.0	.0	.0	207.0	207.0	99.00	.00
2400	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	99.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME	RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR DA MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
	(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100 8 4	0.	102.70	.0	263.0	263.0	.0	.0	.0	263.0	263.0	99.00	.00
200 8 4	0.	102.70	.0	209.0	209.0	.0	.0	.0	209.0	209.0	99.00	.00
300 8 4	0.	102.70	.0	215.0	215.0	.0	.0	.0	215.0	215.0	99.00	.00
400 8 4	0.	102.70	.0	267.0	267.0	.0	.0	.0	267.0	267.0	99.00	.00
500 8 4	0.	102.70	.0	201.0	201.0	.0	.0	.0	201.0	201.0	99.00	.00
600 8 4	0.	102.70	.0	208.0	208.0	.0	.0	.0	208.0	208.0	99.00	.00
***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	0.	102.70	.0	2321.4	2321.4	.0	.0	.0	2321.4	2321.4	99.96	2748.99
MAX	0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4945.4	4945.4	102.19	9698.51
MIN	0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	99.00	.00
TOTAL	0.	15405.0	.0	348208.0	348208.0	.0	.0	.0	348207.9	348207.9	14993.7	412348.5
***	***	***	***	***	***	***	***	***	***	***	***	***

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY	OVERFLOW	PUMPING	TOTAL
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
0.	28778.	28778.	0.	0.	28778.	28778.

ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990 -- VANSICKLE, MICKELSON & KLEIN
 FILENAME: ALLIGPUM.PRO -- INPUT HYDROGRAPH: ALLIG2PR.H1 -- PROP. ROUTINGS
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD PUMP @ 0.5' INT
 FUTURE DEV EXIST P.S. CONDITIONS -- 100 YEAR STORM EVENT -- 0' STARTING ELEV

NRQ	NXRPV	KLAK	LINKC	DELTA	STIME	NUM	MJ	IPRNT	IDIAG
150	1	0	0	60.00	2400.00	1	4	0	0
STEL	TOPEL	PONEL	POFEL	PUMPO	R6Z	PGZ	CONSER	IAVG	ELEVON
100.00	.00	100.00	99.00	.00	.00	.00	102.70	1	.00

6 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
100.00	.0	.0	.0	.0
101.00	.0	3135.0	.0	.0
102.00	.0	6670.0	.0	.0
103.00	.0	10395.0	.0	.0
104.00	.0	14240.0	.0	.0
105.00	.0	18195.0	.0	.0

ELEVATION VS. PUMP DISCHARGE	(EL (M), QP (M))
100.00	2430.
100.40	2445.
100.50	3650.
100.90	3675.
101.00	4880.
102.00	4940.
103.00	4980.
104.00	5000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	2	4	0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	100.00	.00
200	2	4	0.	102.70	.0	79.0	79.0	.0	.0	.0	79.0	79.0	100.00	.00
300	2	4	0.	102.70	.0	194.0	194.0	.0	.0	.0	194.0	194.0	100.00	.00
400	2	4	0.	102.70	.0	168.0	168.0	.0	.0	.0	168.0	168.0	100.00	.00
500	2	4	0.	102.70	.0	154.0	154.0	.0	.0	.0	154.0	154.0	100.00	.00
600	2	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	100.00	.00
700	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	100.00	.00
800	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	100.00	.00
900	2	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	100.00	.00
1000	2	4	0.	102.70	.0	398.0	398.0	.0	.0	.0	398.0	398.0	100.00	.00
1100	2	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	100.00	.00
1200	2	4	0.	102.70	.0	642.0	642.0	.0	.0	.0	642.0	642.0	100.00	.00
1300	2	4	0.	102.70	.0	1318.0	1318.0	.0	.0	.0	1318.0	1318.0	100.00	.00
1400	2	4	0.	102.70	.0	2889.0	2889.0	.0	.0	.0	2883.3	2883.3	100.02	50.06
1500	2	4	0.	102.70	.0	3800.0	3800.0	.0	.0	.0	2431.3	2431.3	100.05	163.18
1600	2	4	0.	102.70	.0	11260.0	11260.0	.0	.0	.0	2436.3	2436.3	100.28	832.41
1700	2	4	0.	102.70	.0	12300.0	12300.0	.0	.0	.0	3046.2	3046.2	100.53	1657.18
1800	2	4	0.	102.70	.0	12521.0	12521.0	.0	.0	.0	3659.1	3659.1	100.76	2389.57
1900	2	4	0.	102.70	.0	12543.0	12543.0	.0	.0	.0	4170.4	4170.4	100.98	3081.52
2000	2	4	0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4782.3	4782.3	101.17	3738.93
2100	2	4	0.	102.70	.0	12297.0	12297.0	.0	.0	.0	4895.4	4895.4	101.34	4350.63
2200	2	4	0.	102.70	.0	12130.0	12130.0	.0	.0	.0	4905.7	4905.7	101.51	4947.68
2300	2	4	0.	102.70	.0	12242.0	12242.0	.0	.0	.0	4915.9	4915.9	101.68	5553.14
2400	2	4	0.	102.70	.0	11461.0	11461.0	.0	.0	.0	4925.6	4925.6	101.84	6093.25
100	3	4	0.	102.70	.0	10017.0	10017.0	.0	.0	.0	4933.8	4933.8	101.96	6513.35
200	3	4	0.	102.70	.0	9828.0	9828.0	.0	.0	.0	4940.0	4940.0	102.07	6917.32
300	3	4	0.	102.70	.0	8891.0	8891.0	.0	.0	.0	4944.4	4944.4	102.15	7243.49
400	3	4	0.	102.70	.0	8835.0	8835.0	.0	.0	.0	4947.9	4947.9	102.24	7564.74
500	3	4	0.	102.70	.0	9104.0	9104.0	.0	.0	.0	4951.5	4951.5	102.33	7907.92
600	3	4	0.	102.70	.0	8210.0	8210.0	.0	.0	.0	4954.7	4954.7	102.40	8176.95
700	3	4	0.	102.70	.0	7400.0	7400.0	.0	.0	.0	4957.3	4957.3	102.46	8378.83
800	3	4	0.	102.70	.0	7880.0	7880.0	.0	.0	.0	4959.6	4959.6	102.52	8620.18
900	3	4	0.	102.70	.0	7603.0	7603.0	.0	.0	.0	4962.1	4962.1	102.58	8838.44
1000	3	4	0.	102.70	.0	5972.0	5972.0	.0	.0	.0	4963.7	4963.7	102.60	8921.76
1100	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	4965.3	4965.3	102.66	9132.81
1200	3	4	0.	102.70	.0	7259.0	7259.0	.0	.0	.0	4967.5	4967.5	102.71	9322.20
1300	3	4	0.	102.70	.0	5423.0	5423.0	.0	.0	.0	4968.7	4968.7	102.72	9359.74
1400	3	4	0.	102.70	.0	7322.0	7322.0	.0	.0	.0	4969.9	4969.9	102.77	9554.13
1500	3	4	0.	102.70	.0	7080.0	7080.0	.0	.0	.0	4971.9	4971.9	102.82	9728.35
1600	3	4	0.	102.70	.0	4352.0	4352.0	.0	.0	.0	4972.6	4972.6	102.81	9677.07
1700	3	4	0.	102.70	.0	4457.0	4457.0	.0	.0	.0	4972.1	4972.1	102.80	9634.50
1800	3	4	0.	102.70	.0	4512.0	4512.0	.0	.0	.0	4971.6	4971.6	102.79	9596.51
1900	3	4	0.	102.70	.0	3463.0	3463.0	.0	.0	.0	4970.8	4970.8	102.75	9471.90
2000	3	4	0.	102.70	.0	4425.0	4425.0	.0	.0	.0	4969.8	4969.8	102.74	9426.88
2100	3	4	0.	102.70	.0	3960.0	3960.0	.0	.0	.0	4969.2	4969.2	102.72	9343.47
2200	3	4	0.	102.70	.0	3048.0	3048.0	.0	.0	.0	4967.9	4967.9	102.68	9184.81
2300	3	4	0.	102.70	.0	3321.0	3321.0	.0	.0	.0	4966.3	4966.3	102.64	9048.83
2400	3	4	0.	102.70	.0	4207.0	4207.0	.0	.0	.0	4965.2	4965.2	102.62	8986.17

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	4	4	0.	102.70	.0	3607.0	3607.0	.0	.0	.0	4964.3	4964.3	102.59	8874.00
200	4	4	0.	102.70	.0	2631.0	2631.0	.0	.0	.0	4962.6	4962.6	102.54	8681.30
300	4	4	0.	102.70	.0	3145.0	3145.0	.0	.0	.0	4960.8	4960.8	102.50	8531.24
400	4	4	0.	102.70	.0	2920.0	2920.0	.0	.0	.0	4959.1	4959.1	102.45	8362.72
500	4	4	0.	102.70	.0	2667.0	2667.0	.0	.0	.0	4957.2	4957.2	102.40	8173.45
600	4	4	0.	102.70	.0	2712.0	2712.0	.0	.0	.0	4955.1	4955.1	102.35	7988.07
700	4	4	0.	102.70	.0	2531.0	2531.0	.0	.0	.0	4953.1	4953.1	102.30	7787.89
800	4	4	0.	102.70	.0	2169.0	2169.0	.0	.0	.0	4950.8	4950.8	102.24	7558.00
900	4	4	0.	102.70	.0	2167.0	2167.0	.0	.0	.0	4948.3	4948.3	102.18	7328.14
1000	4	4	0.	102.70	.0	2189.0	2189.0	.0	.0	.0	4945.8	4945.8	102.12	7100.30
1100	4	4	0.	102.70	.0	2059.0	2059.0	.0	.0	.0	4943.3	4943.3	102.05	6861.92
1200	4	4	0.	102.70	.0	2054.0	2054.0	.0	.0	.0	4940.6	4940.6	101.99	6623.36
1300	4	4	0.	102.70	.0	1981.0	1981.0	.0	.0	.0	4937.1	4937.1	101.92	6379.05
1400	4	4	0.	102.70	.0	1834.0	1834.0	.0	.0	.0	4932.9	4932.9	101.85	6122.94
1500	4	4	0.	102.70	.0	1757.0	1757.0	.0	.0	.0	4928.5	4928.5	101.77	5860.84
1600	4	4	0.	102.70	.0	1710.0	1710.0	.0	.0	.0	4924.0	4924.0	101.70	5595.21
1700	4	4	0.	102.70	.0	1517.0	1517.0	.0	.0	.0	4919.4	4919.4	101.62	5314.03
1800	4	4	0.	102.70	.0	1433.0	1433.0	.0	.0	.0	4914.5	4914.5	101.54	5026.30
1900	4	4	0.	102.70	.0	1376.0	1376.0	.0	.0	.0	4909.6	4909.6	101.45	4734.26
2000	4	4	0.	102.70	.0	1219.0	1219.0	.0	.0	.0	4904.6	4904.6	101.37	4429.67
2100	4	4	0.	102.70	.0	1143.0	1143.0	.0	.0	.0	4899.3	4899.3	101.28	4119.23
2200	4	4	0.	102.70	.0	1119.0	1119.0	.0	.0	.0	4894.1	4894.1	101.19	3807.24
2300	4	4	0.	102.70	.0	968.0	968.0	.0	.0	.0	4888.7	4888.7	101.10	3483.22
2400	4	4	0.	102.70	.0	909.0	909.0	.0	.0	.0	4883.1	4883.1	101.01	3154.78
100	5	4	0.	102.70	.0	879.0	879.0	.0	.0	.0	4364.5	4364.5	100.91	2866.72
200	5	4	0.	102.70	.0	762.0	762.0	.0	.0	.0	3759.9	3759.9	100.84	2618.96
300	5	4	0.	102.70	.0	749.0	749.0	.0	.0	.0	3668.6	3668.6	100.76	2377.67
400	5	4	0.	102.70	.0	711.0	711.0	.0	.0	.0	3663.7	3663.7	100.68	2133.65
500	5	4	0.	102.70	.0	597.0	597.0	.0	.0	.0	3658.8	3658.8	100.60	1880.61
600	5	4	0.	102.70	.0	574.0	574.0	.0	.0	.0	3653.7	3653.7	100.52	1626.09
700	5	4	0.	102.70	.0	576.0	576.0	.0	.0	.0	3326.3	3326.3	100.45	1398.79
800	5	4	0.	102.70	.0	490.0	490.0	.0	.0	.0	2723.0	2723.0	100.39	1214.24
900	5	4	0.	102.70	.0	467.0	467.0	.0	.0	.0	2443.5	2443.5	100.34	1050.89
1000	5	4	0.	102.70	.0	494.0	494.0	.0	.0	.0	2441.6	2441.6	100.28	889.93
1100	5	4	0.	102.70	.0	404.0	404.0	.0	.0	.0	2439.6	2439.6	100.23	721.70
1200	5	4	0.	102.70	.0	403.0	403.0	.0	.0	.0	2437.6	2437.6	100.18	553.55
1300	5	4	0.	102.70	.0	425.0	425.0	.0	.0	.0	2435.6	2435.6	100.12	387.38
1400	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	2433.6	2433.6	100.07	215.59
1500	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	2431.5	2431.5	100.01	43.32
1600	5	4	0.	102.70	.0	387.0	387.0	.0	.0	.0	911.1	911.1	100.00	.00
1700	5	4	0.	102.70	.0	309.0	309.0	.0	.0	.0	309.0	309.0	100.00	.00
1800	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	355.0	355.0	100.00	.00
1900	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	347.0	347.0	100.00	.00
2000	5	4	0.	102.70	.0	285.0	285.0	.0	.0	.0	285.0	285.0	100.00	.00
2100	5	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	100.00	.00
2200	5	4	0.	102.70	.0	328.0	328.0	.0	.0	.0	328.0	328.0	100.00	.00
2300	5	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	100.00	.00
2400	5	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	100.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE				PONDING AREA		
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	100.00	.00
200	6	4	0.	102.70	.0	248.0	248.0	.0	.0	.0	248.0	248.0	100.00	.00
300	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	100.00	.00
400	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	100.00	.00
500	6	4	0.	102.70	.0	240.0	240.0	.0	.0	.0	240.0	240.0	100.00	.00
600	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	100.00	.00
700	6	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	100.00	.00
800	6	4	0.	102.70	.0	256.0	256.0	.0	.0	.0	256.0	256.0	100.00	.00
900	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	100.00	.00
1000	6	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	100.00	.00
1100	6	4	0.	102.70	.0	258.0	258.0	.0	.0	.0	258.0	258.0	100.00	.00
1200	6	4	0.	102.70	.0	278.0	278.0	.0	.0	.0	278.0	278.0	100.00	.00
1300	6	4	0.	102.70	.0	319.0	319.0	.0	.0	.0	319.0	319.0	100.00	.00
1400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	100.00	.00
1500	6	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	100.00	.00
1600	6	4	0.	102.70	.0	321.0	321.0	.0	.0	.0	321.0	321.0	100.00	.00
1700	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	100.00	.00
1800	6	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	100.00	.00
1900	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	100.00	.00
2000	6	4	0.	102.70	.0	249.0	249.0	.0	.0	.0	249.0	249.0	100.00	.00
2100	6	4	0.	102.70	.0	250.0	250.0	.0	.0	.0	250.0	250.0	100.00	.00
2200	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	100.00	.00
2300	6	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	100.00	.00
2400	6	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	100.00	.00
100	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	100.00	.00
200	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	100.00	.00
300	7	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	100.00	.00
400	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	100.00	.00
500	7	4	0.	102.70	.0	212.0	212.0	.0	.0	.0	212.0	212.0	100.00	.00
600	7	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	100.00	.00
700	7	4	0.	102.70	.0	284.0	284.0	.0	.0	.0	284.0	284.0	100.00	.00
800	7	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	100.00	.00
900	7	4	0.	102.70	.0	287.0	287.0	.0	.0	.0	287.0	287.0	100.00	.00
1000	7	4	0.	102.70	.0	358.0	358.0	.0	.0	.0	358.0	358.0	100.00	.00
1100	7	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	100.00	.00
1200	7	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	100.00	.00
1300	7	4	0.	102.70	.0	370.0	370.0	.0	.0	.0	370.0	370.0	100.00	.00
1400	7	4	0.	102.70	.0	295.0	295.0	.0	.0	.0	295.0	295.0	100.00	.00
1500	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	100.00	.00
1600	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	100.00	.00
1700	7	4	0.	102.70	.0	244.0	244.0	.0	.0	.0	244.0	244.0	100.00	.00
1800	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	100.00	.00
1900	7	4	0.	102.70	.0	286.0	286.0	.0	.0	.0	286.0	286.0	100.00	.00
2000	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	100.00	.00
2100	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	100.00	.00
2200	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	100.00	.00
2300	7	4	0.	102.70	.0	207.0	207.0	.0	.0	.0	207.0	207.0	100.00	.00
2400	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	100.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME	RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA			
	HR	DA	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	8	4	0.	102.70	.0	263.0	263.0	.0	.0	.0	263.0	263.0	100.00	.00
200	8	4	0.	102.70	.0	209.0	209.0	.0	.0	.0	209.0	209.0	100.00	.00
300	8	4	0.	102.70	.0	215.0	215.0	.0	.0	.0	215.0	215.0	100.00	.00
400	8	4	0.	102.70	.0	267.0	267.0	.0	.0	.0	267.0	267.0	100.00	.00
500	8	4	0.	102.70	.0	201.0	201.0	.0	.0	.0	201.0	201.0	100.00	.00
600	8	4	0.	102.70	.0	208.0	208.0	.0	.0	.0	208.0	208.0	100.00	.00
* * * * *														
MEAN			0.	102.70	.0	2321.4	2321.4	.0	.0	.0	2321.4	2321.4	100.82	2768.96
MAX			0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4972.6	4972.6	102.62	9728.35
MIN			0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	100.00	.00
TOTAL			0.	15405.0	.0	348208.0	348208.0	.0	.0	.0	348207.9	348207.9	15123.6	415344.1
* * * * *														

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY	OVERFLOW	PUMPING	TOTAL
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
0.	28778.	28778.	0.	0.	28778.	28778.

ALLIGATOR BAYOU PONDING STUDY -- APRIL 1990 -- VANSICKLE, MICKELSON & KLEIN
 FILENAME: ALLIGPUM.PRO -- INPUT HYDROGRAPH: ALLIG2PR.H1 -- PROP. ROUTINGS
 ALLIGATOR BAYOU PUMP STATION ROUTING -- 800 ENGINE RPM -- ADD PUMP @ 0.5' INT
 FUTURE DEV EXIST P.S. CONDITIONS -- 100 YEAR STORM EVENT -- +1' STARTING ELEV

NRQ	NXPV	KLAG	LINKC	DELTA	SIME	NUM	MO	IPRNT	IDIAG
150	1	0	0	60.00	2400.00	1	4	0	0
STEL	TOPEL	PONEL	POFEL	PUMPG	RGZ	PGZ	CONSER	IAVG	ELEVON
101.00	.00	101.00	100.00	.00	.00	.00	102.70	1	.00

5 SETS OF PONDING AREA ELEVATION-AREA-CAPACITY-GRAVITY-OVERFLOW VALUES

ELEVATION	AREA	CAPACITY	GRAVITY	OVERFLOW
101.00	.0	.0	.0	.0
102.00	.0	3535.0	.0	.0
103.00	.0	7260.0	.0	.0
104.00	.0	11105.0	.0	.0
105.00	.0	15060.0	.0	.0

ELEVATION VS. PUMP DISCHARGE	(EL (M), GP (M))
101.00	2460.
101.40	2475.
101.50	4910.
102.00	4940.
103.00	4980.
104.00	5000.

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE				PONDING AREA		
HR	DA	MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
			(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	2	4	0.	102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	101.00	.00
200	2	4	0.	102.70	.0	79.0	79.0	.0	.0	.0	79.0	79.0	101.00	.00
300	2	4	0.	102.70	.0	194.0	194.0	.0	.0	.0	194.0	194.0	101.00	.00
400	2	4	0.	102.70	.0	168.0	168.0	.0	.0	.0	168.0	168.0	101.00	.00
500	2	4	0.	102.70	.0	154.0	154.0	.0	.0	.0	154.0	154.0	101.00	.00
600	2	4	0.	102.70	.0	224.0	224.0	.0	.0	.0	224.0	224.0	101.00	.00
700	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	101.00	.00
800	2	4	0.	102.70	.0	181.0	181.0	.0	.0	.0	181.0	181.0	101.00	.00
900	2	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	101.00	.00
1000	2	4	0.	102.70	.0	398.0	398.0	.0	.0	.0	398.0	398.0	101.00	.00
1100	2	4	0.	102.70	.0	631.0	631.0	.0	.0	.0	631.0	631.0	101.00	.00
1200	2	4	0.	102.70	.0	642.0	642.0	.0	.0	.0	642.0	642.0	101.00	.00
1300	2	4	0.	102.70	.0	1318.0	1318.0	.0	.0	.0	1318.0	1318.0	101.00	.00
1400	2	4	0.	102.70	.0	2889.0	2889.0	.0	.0	.0	2298.3	2298.3	101.01	48.82
1500	2	4	0.	102.70	.0	3800.0	3800.0	.0	.0	.0	2461.1	2461.1	101.05	159.47
1600	2	4	0.	102.70	.0	11260.0	11260.0	.0	.0	.0	2465.5	2465.5	101.25	886.29
1700	2	4	0.	102.70	.0	12300.0	12300.0	.0	.0	.0	3234.9	3234.9	101.46	1635.47
1800	2	4	0.	102.70	.0	12521.0	12521.0	.0	.0	.0	4459.7	4459.7	101.65	2301.69
1900	2	4	0.	102.70	.0	12543.0	12543.0	.0	.0	.0	4924.4	4924.4	101.83	2931.32
2000	2	4	0.	102.70	.0	12737.0	12737.0	.0	.0	.0	4935.1	4935.1	102.01	3576.11
2100	2	4	0.	102.70	.0	12297.0	12297.0	.0	.0	.0	4943.7	4943.7	102.17	4183.82
2200	2	4	0.	102.70	.0	12130.0	12130.0	.0	.0	.0	4950.2	4950.2	102.33	4777.20
2300	2	4	0.	102.70	.0	12242.0	12242.0	.0	.0	.0	4956.6	4956.6	102.50	5379.30
2400	2	4	0.	102.70	.0	11461.0	11461.0	.0	.0	.0	4962.7	4962.7	102.64	5916.35
100	3	4	0.	102.70	.0	10017.0	10017.0	.0	.0	.0	4967.8	4967.8	102.75	6333.64
200	3	4	0.	102.70	.0	9828.0	9828.0	.0	.0	.0	4972.2	4972.2	102.86	6734.94
300	3	4	0.	102.70	.0	8891.0	8891.0	.0	.0	.0	4976.1	4976.1	102.95	7058.49
400	3	4	0.	102.70	.0	8835.0	8835.0	.0	.0	.0	4979.2	4979.2	103.03	7377.15
500	3	4	0.	102.70	.0	9104.0	9104.0	.0	.0	.0	4981.5	4981.5	103.12	7717.85
600	3	4	0.	102.70	.0	8210.0	8210.0	.0	.0	.0	4983.1	4983.1	103.19	7984.54
700	3	4	0.	102.70	.0	7400.0	7400.0	.0	.0	.0	4984.3	4984.3	103.24	8184.18
800	3	4	0.	102.70	.0	7880.0	7880.0	.0	.0	.0	4985.4	4985.4	103.30	8423.40
900	3	4	0.	102.70	.0	7603.0	7603.0	.0	.0	.0	4986.6	4986.6	103.36	8639.63
1000	3	4	0.	102.70	.0	5972.0	5972.0	.0	.0	.0	4987.4	4987.4	103.38	8721.01
1100	3	4	0.	102.70	.0	7519.0	7519.0	.0	.0	.0	4988.1	4988.1	103.43	8930.17
1200	3	4	0.	102.70	.0	7259.0	7259.0	.0	.0	.0	4989.2	4989.2	103.48	9117.76
1300	3	4	0.	102.70	.0	5423.0	5423.0	.0	.0	.0	4989.8	4989.8	103.49	9153.56
1400	3	4	0.	102.70	.0	7322.0	7322.0	.0	.0	.0	4990.4	4990.4	103.54	9346.26
1500	3	4	0.	102.70	.0	7080.0	7080.0	.0	.0	.0	4991.3	4991.3	103.59	9518.88
1600	3	4	0.	102.70	.0	4352.0	4352.0	.0	.0	.0	4991.6	4991.6	103.57	9466.02
1700	3	4	0.	102.70	.0	4457.0	4457.0	.0	.0	.0	4991.4	4991.4	103.56	9421.86
1800	3	4	0.	102.70	.0	4512.0	4512.0	.0	.0	.0	4991.1	4991.1	103.55	9382.26
1900	3	4	0.	102.70	.0	3463.0	3463.0	.0	.0	.0	4990.7	4990.7	103.52	9256.00
2000	3	4	0.	102.70	.0	4425.0	4425.0	.0	.0	.0	4990.3	4990.3	103.51	9209.29
2100	3	4	0.	102.70	.0	3960.0	3960.0	.0	.0	.0	4989.9	4989.9	103.48	9124.17
2200	3	4	0.	102.70	.0	3048.0	3048.0	.0	.0	.0	4989.3	4989.3	103.44	8963.73
2300	3	4	0.	102.70	.0	3321.0	3321.0	.0	.0	.0	4988.5	4988.5	103.41	8825.92
2400	3	4	0.	102.70	.0	4207.0	4207.0	.0	.0	.0	4988.0	4988.0	103.39	8761.38

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	OVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	4	4	0.	102.70	.0	3607.0	3607.0	.0	.0	.0	4987.5	4987.5	103.36	8647.29
200	4	4	0.	102.70	.0	2631.0	2631.0	.0	.0	.0	4986.7	4986.7	103.31	8452.60
300	4	4	0.	102.70	.0	3145.0	3145.0	.0	.0	.0	4985.8	4985.8	103.27	8300.47
400	4	4	0.	102.70	.0	2920.0	2920.0	.0	.0	.0	4985.0	4985.0	103.23	8129.81
500	4	4	0.	102.70	.0	2667.0	2667.0	.0	.0	.0	4984.0	4984.0	103.18	7938.32
600	4	4	0.	102.70	.0	2712.0	2712.0	.0	.0	.0	4983.0	4983.0	103.13	7750.63
700	4	4	0.	102.70	.0	2531.0	2531.0	.0	.0	.0	4982.0	4982.0	103.07	7548.07
800	4	4	0.	102.70	.0	2169.0	2169.0	.0	.0	.0	4980.9	4980.9	103.01	7315.68
900	4	4	0.	102.70	.0	2167.0	2167.0	.0	.0	.0	4979.2	4979.2	102.95	7083.26
1000	4	4	0.	102.70	.0	2189.0	2189.0	.0	.0	.0	4976.9	4976.9	102.89	6852.86
1100	4	4	0.	102.70	.0	2059.0	2059.0	.0	.0	.0	4974.3	4974.3	102.83	6611.93
1200	4	4	0.	102.70	.0	2054.0	2054.0	.0	.0	.0	4971.7	4971.7	102.76	6370.79
1300	4	4	0.	102.70	.0	1981.0	1981.0	.0	.0	.0	4969.1	4969.1	102.69	6123.84
1400	4	4	0.	102.70	.0	1834.0	1834.0	.0	.0	.0	4966.4	4966.4	102.63	5864.96
1500	4	4	0.	102.70	.0	1757.0	1757.0	.0	.0	.0	4963.6	4963.6	102.55	5599.95
1600	4	4	0.	102.70	.0	1710.0	1710.0	.0	.0	.0	4960.7	4960.7	102.48	5331.30
1700	4	4	0.	102.70	.0	1517.0	1517.0	.0	.0	.0	4957.8	4957.8	102.41	5046.94
1800	4	4	0.	102.70	.0	1433.0	1433.0	.0	.0	.0	4954.7	4954.7	102.33	4755.89
1900	4	4	0.	102.70	.0	1376.0	1376.0	.0	.0	.0	4951.5	4951.5	102.25	4460.39
2000	4	4	0.	102.70	.0	1219.0	1219.0	.0	.0	.0	4948.3	4948.3	102.17	4152.19
2100	4	4	0.	102.70	.0	1143.0	1143.0	.0	.0	.0	4944.9	4944.9	102.08	3837.98
2200	4	4	0.	102.70	.0	1119.0	1119.0	.0	.0	.0	4941.5	4941.5	102.00	3522.07
2300	4	4	0.	102.70	.0	968.0	968.0	.0	.0	.0	4937.0	4937.0	101.90	3194.05
2400	4	4	0.	102.70	.0	909.0	909.0	.0	.0	.0	4931.4	4931.4	101.81	2861.62
100	5	4	0.	102.70	.0	879.0	879.0	.0	.0	.0	4925.7	4925.7	101.71	2527.18
200	5	4	0.	102.70	.0	762.0	762.0	.0	.0	.0	4920.0	4920.0	101.62	2183.55
300	5	4	0.	102.70	.0	749.0	749.0	.0	.0	.0	4914.1	4914.1	101.52	1839.32
400	5	4	0.	102.70	.0	711.0	711.0	.0	.0	.0	4172.6	4172.6	101.44	1553.24
500	5	4	0.	102.70	.0	597.0	597.0	.0	.0	.0	2954.2	2954.2	101.38	1358.43
600	5	4	0.	102.70	.0	574.0	574.0	.0	.0	.0	2473.6	2473.6	101.34	1201.44
700	5	4	0.	102.70	.0	576.0	576.0	.0	.0	.0	2471.9	2471.9	101.30	1044.75
800	5	4	0.	102.70	.0	490.0	490.0	.0	.0	.0	2470.2	2470.2	101.25	881.10
900	5	4	0.	102.70	.0	467.0	467.0	.0	.0	.0	2468.5	2468.5	101.20	715.68
1000	5	4	0.	102.70	.0	494.0	494.0	.0	.0	.0	2466.7	2466.7	101.16	552.65
1100	5	4	0.	102.70	.0	404.0	404.0	.0	.0	.0	2465.0	2465.0	101.11	382.32
1200	5	4	0.	102.70	.0	403.0	403.0	.0	.0	.0	2463.2	2463.2	101.06	212.06
1300	5	4	0.	102.70	.0	425.0	425.0	.0	.0	.0	2461.4	2461.4	101.01	43.77
1400	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	884.6	884.6	101.00	.00
1500	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	347.0	347.0	101.00	.00
1600	5	4	0.	102.70	.0	387.0	387.0	.0	.0	.0	387.0	387.0	101.00	.00
1700	5	4	0.	102.70	.0	309.0	309.0	.0	.0	.0	309.0	309.0	101.00	.00
1800	5	4	0.	102.70	.0	355.0	355.0	.0	.0	.0	355.0	355.0	101.00	.00
1900	5	4	0.	102.70	.0	347.0	347.0	.0	.0	.0	347.0	347.0	101.00	.00
2000	5	4	0.	102.70	.0	285.0	285.0	.0	.0	.0	285.0	285.0	101.00	.00
2100	5	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	101.00	.00
2200	5	4	0.	102.70	.0	328.0	328.0	.0	.0	.0	328.0	328.0	101.00	.00
2300	5	4	0.	102.70	.0	255.0	255.0	.0	.0	.0	255.0	255.0	101.00	.00
2400	5	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	101.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME			RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR	DA	MO	DISCHARGE (CFS)	ELEV (FT)	SEEP (CFS)	RUNOFF (CFS)	TOTAL (CFS)	INLET (CFS)	PRESS (CFS)	DVRFLO (CFS)	PUMP (CFS)	TOTAL (CFS)	ELEV (FT)	VOLUME (AC-FT)
100	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	101.00	.00
200	6	4	0.	102.70	.0	248.0	248.0	.0	.0	.0	248.0	248.0	101.00	.00
300	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	101.00	.00
400	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	101.00	.00
500	6	4	0.	102.70	.0	240.0	240.0	.0	.0	.0	240.0	240.0	101.00	.00
600	6	4	0.	102.70	.0	262.0	262.0	.0	.0	.0	262.0	262.0	101.00	.00
700	6	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	101.00	.00
800	6	4	0.	102.70	.0	256.0	256.0	.0	.0	.0	256.0	256.0	101.00	.00
900	6	4	0.	102.70	.0	304.0	304.0	.0	.0	.0	304.0	304.0	101.00	.00
1000	6	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	101.00	.00
1100	6	4	0.	102.70	.0	258.0	258.0	.0	.0	.0	258.0	258.0	101.00	.00
1200	6	4	0.	102.70	.0	278.0	278.0	.0	.0	.0	278.0	278.0	101.00	.00
1300	6	4	0.	102.70	.0	319.0	319.0	.0	.0	.0	319.0	319.0	101.00	.00
1400	6	4	0.	102.70	.0	265.0	265.0	.0	.0	.0	265.0	265.0	101.00	.00
1500	6	4	0.	102.70	.0	270.0	270.0	.0	.0	.0	270.0	270.0	101.00	.00
1600	6	4	0.	102.70	.0	321.0	321.0	.0	.0	.0	321.0	321.0	101.00	.00
1700	6	4	0.	102.70	.0	252.0	252.0	.0	.0	.0	252.0	252.0	101.00	.00
1800	6	4	0.	102.70	.0	269.0	269.0	.0	.0	.0	269.0	269.0	101.00	.00
1900	6	4	0.	102.70	.0	305.0	305.0	.0	.0	.0	305.0	305.0	101.00	.00
2000	6	4	0.	102.70	.0	249.0	249.0	.0	.0	.0	249.0	249.0	101.00	.00
2100	6	4	0.	102.70	.0	250.0	250.0	.0	.0	.0	250.0	250.0	101.00	.00
2200	6	4	0.	102.70	.0	299.0	299.0	.0	.0	.0	299.0	299.0	101.00	.00
2300	6	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	101.00	.00
2400	6	4	0.	102.70	.0	282.0	282.0	.0	.0	.0	282.0	282.0	101.00	.00
100	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	101.00	.00
200	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	101.00	.00
300	7	4	0.	102.70	.0	228.0	228.0	.0	.0	.0	228.0	228.0	101.00	.00
400	7	4	0.	102.70	.0	280.0	280.0	.0	.0	.0	280.0	280.0	101.00	.00
500	7	4	0.	102.70	.0	212.0	212.0	.0	.0	.0	212.0	212.0	101.00	.00
600	7	4	0.	102.70	.0	230.0	230.0	.0	.0	.0	230.0	230.0	101.00	.00
700	7	4	0.	102.70	.0	284.0	284.0	.0	.0	.0	284.0	284.0	101.00	.00
800	7	4	0.	102.70	.0	259.0	259.0	.0	.0	.0	259.0	259.0	101.00	.00
900	7	4	0.	102.70	.0	287.0	287.0	.0	.0	.0	287.0	287.0	101.00	.00
1000	7	4	0.	102.70	.0	358.0	358.0	.0	.0	.0	358.0	358.0	101.00	.00
1100	7	4	0.	102.70	.0	306.0	306.0	.0	.0	.0	306.0	306.0	101.00	.00
1200	7	4	0.	102.70	.0	337.0	337.0	.0	.0	.0	337.0	337.0	101.00	.00
1300	7	4	0.	102.70	.0	370.0	370.0	.0	.0	.0	370.0	370.0	101.00	.00
1400	7	4	0.	102.70	.0	295.0	295.0	.0	.0	.0	295.0	295.0	101.00	.00
1500	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	101.00	.00
1600	7	4	0.	102.70	.0	322.0	322.0	.0	.0	.0	322.0	322.0	101.00	.00
1700	7	4	0.	102.70	.0	244.0	244.0	.0	.0	.0	244.0	244.0	101.00	.00
1800	7	4	0.	102.70	.0	254.0	254.0	.0	.0	.0	254.0	254.0	101.00	.00
1900	7	4	0.	102.70	.0	286.0	286.0	.0	.0	.0	286.0	286.0	101.00	.00
2000	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	101.00	.00
2100	7	4	0.	102.70	.0	227.0	227.0	.0	.0	.0	227.0	227.0	101.00	.00
2200	7	4	0.	102.70	.0	277.0	277.0	.0	.0	.0	277.0	277.0	101.00	.00
2300	7	4	0.	102.70	.0	207.0	207.0	.0	.0	.0	207.0	207.0	101.00	.00
2400	7	4	0.	102.70	.0	225.0	225.0	.0	.0	.0	225.0	225.0	101.00	.00

INTERIOR DRAINAGE FLOOD ROUTING PROGRAM

TIME	RIVER		PONDING AREA INFLOW			PONDING AREA DISCHARGE					PONDING AREA	
HR DA MO	DISCHARGE	ELEV	SEEP	RUNOFF	TOTAL	INLET	PRESS	OVRFLO	PUMP	TOTAL	ELEV	VOLUME
	(CFS)	(FT)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)	(FT)	(AC-FT)
100	8 4	0. 102.70	.0	263.0	263.0	.0	.0	.0	263.0	263.0	101.00	.00
200	8 4	0. 102.70	.0	209.0	209.0	.0	.0	.0	209.0	209.0	101.00	.00
300	8 4	0. 102.70	.0	215.0	215.0	.0	.0	.0	215.0	215.0	101.00	.00
400	8 4	0. 102.70	.0	267.0	267.0	.0	.0	.0	267.0	267.0	101.00	.00
500	8 4	0. 102.70	.0	201.0	201.0	.0	.0	.0	201.0	201.0	101.00	.00
600	8 4	0. 102.70	.0	208.0	208.0	.0	.0	.0	208.0	208.0	101.00	.00
***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN		0. 102.70	.0	2321.4	2321.4	.0	.0	.0	2321.4	2321.4	101.73	2651.31
MAX		0. 102.70	.0	12737.0	12737.0	.0	.0	.0	4991.6	4991.6	103.59	9518.88
MIN		0. 102.70	.0	72.0	72.0	.0	.0	.0	72.0	72.0	101.00	.00
TOTAL		0. 15405.0	.0	348208.0	348208.0	.0	.0	.0	348208.0	348208.0	15259.4	397696.3
***	***	***	***	***	***	***	***	***	***	***	***	***

PONDING AREA INFLOW TOTALS			PONDING AREA DISCHARGE TOTALS			
SEEPAGE	RUNOFF	TOTAL	GRAVITY	OVERFLOW	PUMPING	TOTAL
(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
0.	28778.	28778.	0.	0.	28778.	28778.

X1	26.700	17.000	9802.000	10127.000	670.000	670.000	670.000	.000	100.000	.000
X3	.000	-10.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.400	9220.000	2.700	9780.000	2.500	9790.000	1.600	9802.000	-1.100	9805.000
GR	-5.600	9850.000	-6.200	9950.000	-6.300	9956.000	-13.500	9972.000	-13.500	10057.000
GR	-6.000	10072.000	-6.100	10090.000	-3.800	10110.000	-.500	10125.000	1.300	10127.000
GR	1.500	10160.000	2.100	10480.000	.000	.000	.000	.000	.000	.000

X1	28.000	15.000	9929.000	10116.000	130.000	130.000	130.000	.000	100.000	.000
X3	.000	-11.100	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.200	9920.000	6.200	9920.000	5.100	9929.000	-.900	9935.000	-4.300	9952.000
GR	-13.500	9971.000	-13.500	10056.000	-6.900	10070.000	-6.600	10080.000	-2.600	10110.000
GR	-1.200	10113.000	1.800	10116.000	1.400	10143.000	1.400	10160.000	2.300	10300.000

BT	1.000	3300.000	.000	.000	.000	.000	.000	.000	.000	.000
65' BOTTOM WIDTH										
X1	30.700	16.000	9927.000	10080.000	270.000	270.000	270.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.900	9880.000	5.900	9880.000	7.000	9909.000	1.600	9920.000	1.300	9927.000
GR	-.500	9930.000	-3.500	9944.000	-13.500	9965.000	-13.500	10030.000	-8.200	10040.000
GR	-6.900	10050.000	-1.200	10076.000	1.900	10080.000	2.300	10094.000	5.800	10113.000
GR	8.900	10140.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
ACCESS ROAD - HWY 73 E.B. TO HWY 69 S.B. BRIDGE										
X1	32.100	19.000	121.000	351.000	130.000	130.000	130.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
BT	28.000	100.000	106.300	106.300	121.000	107.100	105.100	149.000	107.100	105.100
BT	149.000	107.100	96.300	151.000	107.100	96.000	151.000	107.100	105.100	176.000
BT	107.100	105.100	176.000	107.100	91.300	178.000	107.100	91.100	178.000	107.100
BT	105.100	204.000	107.100	105.100	204.000	107.100	86.500	206.000	107.100	86.500
BT	206.000	107.100	105.100	233.000	107.100	105.100	233.000	107.100	86.500	235.000
BT	107.100	86.500	235.000	107.100	105.100	261.000	107.100	105.100	261.000	107.100
BT	91.700	263.000	107.100	92.000	263.000	107.100	105.100	289.000	107.100	105.100
BT	289.000	107.100	97.500	291.000	107.100	97.600	291.000	107.100	105.100	318.000
BT	107.100	105.100	351.000	106.400	106.400	.000	.000	.000	.000	.000
GR	6.300	100.000	5.800	121.000	.800	128.000	-3.700	149.000	-4.000	151.000
GR	-8.700	176.000	-8.900	178.000	-13.500	187.000	-13.500	204.000	-13.500	206.000
GR	-13.500	233.000	-13.500	235.000	-13.500	252.000	-8.300	261.000	-8.000	263.000
GR	-2.500	289.000	-2.400	291.000	5.800	318.000	6.400	351.000	.000	.000

X1	32.700	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
X1	33.300	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HWY 69 BRIDGE

X1	35.450	16.000	130.000	286.000	215.000	215.000	215.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
BT	24.000	100.000	105.500	105.500	130.000	105.800	103.800	154.000	105.800	103.800
BT	154.000	105.800	97.300	156.000	105.800	97.100	156.000	105.800	103.800	179.000
BT	105.800	103.800	179.000	105.800	86.500	181.000	105.800	86.500	181.000	105.800

BT	103.800	204.000	105.800	103.800	204.000	105.800	86.500	206.000	105.800	86.500
BT	206.000	105.800	103.800	229.000	105.800	103.800	229.000	105.800	86.500	231.000
BT	105.800	86.500	231.000	105.800	103.800	254.000	105.800	103.800	254.000	105.800
BT	87.000	256.000	105.800	97.200	256.000	105.800	103.800	286.000	105.800	103.800
BT	303.000	105.500	105.500	.000	.000	.000	.000	.000	.000	.000
GR	5.500	100.000	5.000	130.000	-2.700	154.000	-2.900	156.000	-13.500	176.000
GR	-13.500	179.000	-13.500	181.000	-13.500	204.000	-13.500	206.000	-13.500	229.000
GR	-13.500	231.000	-13.500	240.000	-13.000	254.000	-2.800	256.000	5.000	286.000
GR	5.500	303.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	36.150	.000	.000	.000	70.000	70.000	70.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

X1	37.500	10.000	9933.000	10061.000	135.000	135.000	135.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.300	9905.000	4.300	9915.000	2.300	9933.000	-.700	9935.000	-1.500	9940.000
GR	-13.500	9965.000	-13.500	10030.000	1.500	10061.000	2.400	10140.000	4.000	10290.000

ACCESS ROAD - HWY 69 N.B. TO HWY 73 E.B. BRIDGE

X1	38.600	14.000	120.000	260.000	110.000	110.000	110.000	.000	100.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000
BT	20.000	100.000	107.000	107.000	120.000	107.900	105.900	147.000	107.900	105.900
BT	147.000	107.900	93.000	149.000	107.900	92.600	149.000	107.900	105.900	175.000
BT	107.900	105.900	175.000	107.900	86.500	177.000	107.900	86.500	177.000	107.900
BT	105.900	203.000	107.900	105.900	203.000	107.900	86.500	205.000	107.900	86.500
BT	205.000	107.900	105.900	231.000	107.900	105.900	231.000	107.900	91.900	233.000
BT	107.900	92.200	233.000	107.900	105.900	260.000	107.900	105.900	284.000	107.000
BT	107.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	100.000	7.000	120.000	-7.000	147.000	-7.400	149.000	-13.500	159.000
GR	-13.500	175.000	-13.500	177.000	-13.500	203.000	-13.500	205.000	-13.500	224.000
GR	-8.100	231.000	-7.800	233.000	7.000	260.000	7.000	284.000	.000	.000

X1	39.200	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

X1	39.800	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
X3	.000	-11.500	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	45.000	13.000	9942.000	10070.000	520.000	520.000	520.000	.000	100.000	.000
X3	.000	-11.300	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9855.000	2.100	9895.000	.100	9935.000	2.100	9937.000	2.200	9942.000
GR	-.500	9944.000	-2.200	9950.000	-13.400	9974.000	-13.400	10039.000	1.900	10070.000
GR	1.900	10080.000	2.400	10259.000	5.000	10269.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	50.000	14.000	120.000	261.000	500.000	500.000	500.000	.000	100.000	.000
X3	.000	-12.200	.000	.000	.000	.000	.000	.000	.000	.000
GR	9.000	100.000	9.000	120.000	-6.500	147.000	-7.000	149.000	-13.300	159.000
GR	-13.300	175.000	-13.300	177.000	-13.300	203.000	-13.300	205.000	-13.300	224.000
GR	-8.000	231.000	-7.500	233.000	9.000	261.000	9.000	277.000	.000	.000

HWY 73 - EAST BOUND BRIDGE

X1	51.200	.000	.000	.000	120.000	120.000	120.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	20.000	100.000	109.000	109.000	120.000	109.000	107.000	147.000	109.000	107.000
BT	147.000	109.000	93.500	149.000	109.000	93.000	149.000	109.000	107.000	175.000
BT	109.000	107.000	175.000	109.000	86.700	177.000	109.000	86.700	177.000	109.000
BT	107.000	203.000	109.000	107.000	203.000	109.000	86.700	205.000	109.000	86.700
BT	205.000	109.000	107.000	231.000	109.000	107.000	231.000	109.000	92.000	233.000
BT	109.000	92.500	233.000	109.000	107.000	261.000	109.000	107.000	277.000	109.000
BT	109.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	51.700	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	51.950	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000

HWY 73 - WEST BOUND BRIDGE

X1	52.200	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	20.000	100.000	109.000	109.000	120.000	109.000	107.000	147.000	109.000	107.000
BT	147.000	109.000	93.500	149.000	109.000	93.000	149.000	109.000	107.000	175.000
BT	109.000	107.000	175.000	109.000	86.700	177.000	109.000	86.700	177.000	109.000
BT	107.000	203.000	109.000	107.000	203.000	109.000	86.700	205.000	109.000	86.700
BT	205.000	109.000	107.000	231.000	109.000	107.000	231.000	109.000	92.000	233.000
BT	109.000	92.500	233.000	109.000	107.000	261.000	109.000	107.000	277.000	109.000
BT	109.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	52.700	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	53.700	10.000	9940.000	10068.000	100.000	100.000	100.000	.000	100.000	.000
X3	.000	-10.900	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9890.000	5.000	9890.000	4.000	9906.000	2.500	9922.000	1.800	9940.000
GR	-13.300	9971.000	-13.300	10036.000	2.400	10058.000	3.000	10086.000	3.500	10094.000

X1	79.000	9.000	9930.000	10060.000	2530.000	2530.000	2530.000	.000	100.000	.000
X3	.000	-10.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9880.000	5.000	9880.000	2.500	9930.000	-1.000	9932.000	-1.700	9937.000
GR	-13.000	9960.000	-13.000	10025.000	4.000	10060.000	5.000	10070.000	.000	.000

BT	1.000	2060.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

45' BOTTOM WIDTH

X1	83.000	9.000	9941.000	10052.000	400.000	400.000	400.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9875.000	2.400	9890.000	2.000	9920.000	3.000	9941.000	-1.200	9944.000
GR	-6.000	9960.000	-13.000	9975.000	-13.000	10020.000	4.500	10052.000	.000	.000

THIS RUN EXECUTED 04/10/90 09:26:48

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

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

LOWER MAIN "A" -- STARTI

SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
.000	101.90	.00	.00	.00	2.35	2.81	.12	4540.00	6.13	4533.87	.00
.000	102.20	.30	.00	.00	2.16	2.73	.12	4540.00	6.98	4532.72	.30
.000	102.80	.60	.00	.00	1.82	2.60	.10	4540.00	11.13	4524.96	3.92
.000	103.60	.80	.00	.00	1.46	2.43	.09	4540.00	21.55	4506.88	11.57
14.000	102.23	.00	.33	.00	2.18	2.69	.11	4540.00	.00	4540.00	.00
14.000	102.50	.28	.30	.00	2.03	2.63	.11	4540.00	.00	4539.94	.06
14.000	103.06	.55	.26	.00	1.75	2.51	.10	4540.00	.00	4538.37	1.63
14.000	103.81	.75	.21	.00	1.45	2.36	.09	4540.00	.00	4532.87	7.13
20.000	102.36	.00	.13	.00	2.10	2.67	.11	4540.00	.36	4503.02	36.62
20.000	102.63	.27	.12	.00	1.92	2.59	.10	4540.00	1.15	4473.08	65.77
20.000	103.17	.54	.11	.00	1.60	2.44	.09	4540.00	4.35	4399.01	136.64
20.000	103.90	.74	.09	.00	1.25	2.24	.07	4540.00	12.73	4281.00	246.28
26.700	102.53	.00	.17	.00	.87	1.51	.04	4540.00	.48	4507.90	31.62
26.700	102.78	.25	.16	.00	.79	1.46	.03	4540.00	1.05	4490.68	48.26
26.700	103.30	.52	.13	.00	.65	1.37	.03	4540.00	10.02	4444.53	85.45
26.700	104.01	.71	.10	.00	.49	1.25	.02	4540.00	59.11	4340.52	140.36
28.000	102.51	.00	-.02	.00	1.80	2.34	.08	4540.00	.00	4517.49	22.51
28.000	102.76	.25	-.02	.00	1.66	2.28	.08	4540.00	.00	4504.97	35.03
28.000	103.28	.52	-.02	.00	1.40	2.16	.07	4540.00	.00	4475.58	64.42
28.000	103.99	.71	-.02	.00	1.13	2.01	.06	4540.00	.00	4430.74	109.25
30.700	102.57	.00	.06	.00	1.39	2.06	.07	3300.00	1.58	3297.70	.71
30.700	102.82	.25	.06	.00	1.28	2.01	.06	3300.00	2.17	3296.41	1.42
30.700	103.33	.51	.05	.00	1.10	1.92	.06	3300.00	3.52	3293.11	3.36
30.700	104.03	.70	.04	.00	.90	1.80	.05	3300.00	5.64	3287.50	6.86
32.100	102.60	.00	.03	.00	2.99	2.01	.06	3300.00	.00	3300.00	.00
32.100	102.85	.25	.03	.00	2.80	1.96	.06	3300.00	.00	3300.00	.00
32.100	103.35	.51	.02	.00	2.46	1.86	.05	3300.00	.00	3300.00	.00
32.100	104.05	.70	.02	.00	2.07	1.74	.05	3300.00	.00	3300.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
32.700	102.62	.00	.02	.00	2.97	2.00	.06	3300.00	.00	3300.00	.00
32.700	102.87	.25	.02	.00	2.79	1.95	.06	3300.00	.00	3300.00	.00
32.700	103.37	.50	.01	.00	2.45	1.86	.05	3300.00	.00	3300.00	.00
32.700	104.06	.69	.01	.00	2.06	1.74	.05	3300.00	.00	3300.00	.00
33.300	102.64	.00	.02	.00	1.24	1.86	.05	3300.00	.00	3300.00	.00
33.300	102.89	.24	.02	.00	1.15	1.81	.05	3300.00	.00	3300.00	.00
33.300	103.39	.50	.02	.00	.99	1.73	.05	3300.00	.00	3300.00	.00
33.300	104.08	.69	.02	.00	.82	1.62	.04	3300.00	.00	3300.00	.00
35.450	102.67	.00	.03	.00	4.88	2.50	.10	3300.00	.00	3300.00	.00
35.450	102.91	.24	.02	.00	4.61	2.44	.09	3300.00	.00	3300.00	.00
35.450	103.41	.50	.02	.00	4.11	2.33	.08	3300.00	.00	3300.00	.00
35.450	104.10	.69	.02	.00	6.55	2.24	.08	3300.00	.00	3300.00	.00
36.150	102.70	.00	.03	.00	4.86	2.49	.10	3300.00	.00	3300.00	.00
36.150	102.94	.24	.03	.00	4.59	2.44	.09	3300.00	.00	3300.00	.00
36.150	103.44	.49	.03	.00	4.10	2.32	.08	3300.00	.00	3300.00	.00
36.150	104.14	.71	.05	.00	6.55	2.24	.08	3300.00	.00	3300.00	.00
37.500	102.76	.00	.05	.00	1.66	2.31	.08	3300.00	.07	3288.84	11.09
37.500	102.99	.24	.05	.00	1.54	2.26	.08	3300.00	.20	3282.58	17.21
37.500	103.48	.49	.05	.00	1.33	2.15	.07	3300.00	.76	3265.22	34.01
37.500	104.20	.71	.05	.00	1.07	2.01	.06	3300.00	2.39	3228.00	69.61
38.600	102.77	.00	.02	.00	4.69	2.59	.10	3300.00	.00	3300.00	.00
38.600	103.01	.24	.02	.00	4.44	2.53	.10	3300.00	.00	3300.00	.00
38.600	103.50	.48	.01	.00	3.99	2.43	.09	3300.00	.00	3300.00	.00
38.600	104.21	.71	.01	.00	3.43	2.28	.08	3300.00	.00	3300.00	.00
39.200	102.80	.00	.03	.00	4.68	2.58	.10	3300.00	.00	3300.00	.00
39.200	103.04	.23	.03	.00	4.43	2.53	.10	3300.00	.00	3300.00	.00
39.200	103.52	.48	.02	.00	3.98	2.42	.09	3300.00	.00	3300.00	.00
39.200	104.23	.71	.02	.00	3.42	2.28	.08	3300.00	.00	3300.00	.00
39.800	102.84	.00	.04	.00	1.79	2.39	.09	3300.00	.00	3300.00	.00
39.800	103.07	.23	.03	.00	1.69	2.34	.09	3300.00	.00	3300.00	.00
39.800	103.55	.48	.03	.00	1.50	2.24	.08	3300.00	.00	3300.00	.00
39.800	104.25	.70	.03	.00	1.27	2.11	.07	3300.00	.00	3300.00	.00
45.000	102.94	.00	.10	.00	1.61	2.28	.08	3300.00	22.77	3252.51	24.72
45.000	103.16	.23	.09	.00	1.50	2.23	.08	3300.00	27.14	3236.76	36.11
45.000	103.63	.47	.08	.00	1.28	2.11	.07	3300.00	36.77	3200.64	62.59
45.000	104.33	.69	.07	.00	1.02	1.96	.06	3300.00	52.11	3142.28	105.62
50.000	103.01	.00	.08	.00	1.58	2.32	.08	3300.00	.00	3300.00	.00
50.000	103.24	.22	.07	.00	1.50	2.28	.08	3300.00	.00	3300.00	.00
50.000	103.70	.46	.06	.00	1.35	2.19	.07	3300.00	.00	3300.00	.00
50.000	104.37	.68	.05	.00	1.15	2.08	.07	3300.00	.00	3300.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K#S	VCH	HV	Q	QLOB	QCH	QROB
51.200	103.04	.00	.02	.00	4.20	2.50	.10	3300.00	.00	3300.00	.00
51.200	103.26	.22	.02	.00	4.01	2.45	.09	3300.00	.00	3300.00	.00
51.200	103.71	.46	.02	.00	3.65	2.36	.09	3300.00	.00	3300.00	.00
51.200	104.39	.68	.02	.00	3.19	2.24	.08	3300.00	.00	3300.00	.00
51.700	103.06	.00	.02	.00	4.19	2.49	.10	3300.00	.00	3300.00	.00
51.700	103.28	.22	.02	.00	4.00	2.45	.09	3300.00	.00	3300.00	.00
51.700	103.73	.45	.02	.00	3.64	2.36	.09	3300.00	.00	3300.00	.00
51.700	104.41	.67	.02	.00	3.18	2.23	.08	3300.00	.00	3300.00	.00
51.950	103.08	.00	.02	.00	1.56	2.31	.08	3300.00	.00	3300.00	.00
51.950	103.30	.22	.02	.00	1.48	2.27	.08	3300.00	.00	3300.00	.00
51.950	103.75	.45	.02	.00	1.33	2.19	.07	3300.00	.00	3300.00	.00
51.950	104.43	.67	.02	.00	1.14	2.07	.07	3300.00	.00	3300.00	.00
52.200	103.08	.00	.00	.00	4.16	2.49	.10	3300.00	.00	3300.00	.00
52.200	103.30	.22	.00	.00	3.97	2.44	.09	3300.00	.00	3300.00	.00
52.200	103.75	.45	.00	.00	3.61	2.35	.09	3300.00	.00	3300.00	.00
52.200	104.42	.67	.00	.00	3.16	2.23	.08	3300.00	.00	3300.00	.00
52.700	103.10	.00	.02	.00	4.15	2.49	.10	3300.00	.00	3300.00	.00
52.700	103.32	.22	.02	.00	3.96	2.44	.09	3300.00	.00	3300.00	.00
52.700	103.77	.45	.02	.00	3.61	2.35	.09	3300.00	.00	3300.00	.00
52.700	104.44	.67	.02	.00	3.16	2.23	.08	3300.00	.00	3300.00	.00
53.700	103.14	.00	.04	.00	1.79	2.37	.09	3300.00	3.40	3295.67	.93
53.700	103.35	.22	.03	.00	1.68	2.33	.08	3300.00	4.77	3293.44	1.79
53.700	103.80	.45	.03	.00	1.46	2.23	.08	3300.00	8.21	3287.50	4.30
53.700	104.47	.67	.03	.00	1.21	2.10	.07	3300.00	15.03	3275.77	9.20
79.000	103.59	.00	.45	.00	1.75	2.34	.09	3300.00	1.55	3298.44	.00
79.000	103.78	.19	.42	.00	1.66	2.30	.08	3300.00	2.32	3297.68	.00
79.000	104.18	.40	.37	.00	1.48	2.22	.08	3300.00	4.52	3295.48	.01
79.000	104.78	.60	.31	.00	1.25	2.11	.07	3300.00	9.38	3290.36	.27
83.000	103.69	.00	.10	.00	1.16	1.82	.05	2060.00	14.31	2045.69	.00
83.000	103.87	.19	.09	.00	1.10	1.79	.05	2060.00	17.29	2042.71	.00
83.000	104.26	.39	.08	.00	.97	1.72	.05	2060.00	23.96	2036.04	.00
83.000	104.85	.59	.07	.00	.81	1.62	.04	2060.00	34.75	2025.25	.00
83.450	103.69	.00	.01	.00	1.16	1.82	.05	2060.00	14.42	2045.58	.00
83.450	103.88	.19	.00	.00	1.09	1.79	.05	2060.00	17.39	2042.61	.00
83.450	104.27	.39	.00	.00	.97	1.72	.05	2060.00	24.05	2035.95	.00
83.450	104.86	.59	.00	.00	.81	1.62	.04	2060.00	34.83	2025.17	.00
83.950	103.68	.00	-.01	.00	2.30	2.30	.08	2060.00	.00	2060.00	.00
83.950	103.86	.19	-.01	.00	2.17	2.25	.08	2060.00	.00	2060.00	.00
83.950	104.25	.39	-.01	.00	1.93	2.16	.07	2060.00	.00	2060.00	.00
83.950	104.84	.59	-.01	.00	1.62	2.02	.06	2060.00	.00	2060.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
84.500	103.68	.00	.00	.00	2.30	2.30	.08	2060.00	.00	2060.00	.00
84.500	103.86	.19	.00	.00	2.17	2.26	.08	2060.00	.00	2060.00	.00
84.500	104.25	.39	.00	.00	1.93	2.16	.07	2060.00	.00	2060.00	.00
84.500	104.85	.59	.00	.00	1.62	2.02	.06	2060.00	.00	2060.00	.00
85.000	103.73	.00	.05	.00	.95	1.61	.04	2060.00	.39	2057.70	1.90
85.000	103.92	.18	.05	.00	.90	1.58	.04	2060.00	.54	2056.79	2.66
85.000	104.30	.39	.05	.00	.79	1.52	.04	2060.00	.87	2054.68	4.45
85.000	104.89	.58	.04	.00	.65	1.43	.03	2060.00	1.39	2051.18	7.43
101.800	103.87	.00	.14	.00	.47	1.17	.02	1570.00	151.57	1299.19	119.25
101.800	104.05	.17	.13	.00	.43	1.13	.02	1570.00	163.40	1269.05	137.54
101.800	104.41	.37	.11	.00	.34	1.04	.01	1570.00	186.68	1207.83	175.28
101.800	104.98	.56	.09	.00	.25	.92	.01	1570.00	218.77	1122.40	228.83

LOWER MAIN "A" -- STARTI

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	4540.00	.00	.00	148.63	9919.14	10067.77
.000	4540.00	.00	.00	190.75	9909.25	10100.00
.000	4540.00	.00	.00	220.00	9880.00	10100.00
.000	4540.00	.00	.00	220.00	9880.00	10100.00
14.000	4540.00	53.27	1400.00	148.69	9918.93	10067.63
14.000	4540.00	54.75	1400.00	164.04	9918.33	10082.37
14.000	4540.00	58.32	1400.00	178.01	9917.10	10095.11
14.000	4540.00	63.41	1400.00	194.57	9915.43	10110.00
20.000	4540.00	77.48	600.00	590.57	9840.00	10500.00
20.000	4540.00	80.01	600.00	599.75	9840.00	10500.00
20.000	4540.00	85.80	600.00	617.29	9840.00	10500.00
20.000	4540.00	94.09	600.00	631.72	9840.00	10500.00
26.700	4540.00	117.47	670.00	691.37	9788.63	10480.00
26.700	4540.00	122.59	670.00	765.00	9715.00	10480.00
26.700	4540.00	134.67	670.00	1170.83	9309.17	10480.00
26.700	4540.00	153.37	670.00	1260.00	9220.00	10480.00
28.000	4540.00	125.42	130.00	368.41	9931.59	10300.00
28.000	4540.00	130.95	130.00	368.66	9931.34	10300.00
28.000	4540.00	144.05	130.00	369.18	9930.62	10300.00
28.000	4540.00	164.47	130.00	369.89	9930.11	10300.00
30.700	3300.00	136.84	270.00	177.46	9918.02	10095.48
30.700	3300.00	142.80	270.00	179.32	9917.51	10096.83
30.700	3300.00	156.77	270.00	183.12	9916.48	10099.59
30.700	3300.00	178.41	270.00	188.27	9915.07	10103.34
32.100	3300.00	141.71	130.00	181.95	125.49	307.44
32.100	3300.00	147.80	130.00	183.11	125.14	308.26
32.100	3300.00	162.04	130.00	185.49	124.43	309.92
32.100	3300.00	184.05	130.00	188.76	123.46	312.21
32.700	3300.00	143.97	60.00	182.06	125.46	307.51
32.700	3300.00	150.12	60.00	183.21	125.11	308.33
32.700	3300.00	164.48	60.00	185.58	124.41	309.98
32.700	3300.00	186.66	60.00	188.83	123.44	312.27
33.300	3300.00	146.33	60.00	182.16	125.43	307.59
33.300	3300.00	152.54	60.00	183.31	125.08	308.40
33.300	3300.00	167.02	60.00	185.66	124.38	310.05
33.300	3300.00	189.37	60.00	188.91	123.41	312.32

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
35.450	3300.00	153.97	215.00	139.83	137.24	277.07
35.450	3300.00	160.36	215.00	141.52	136.48	278.00
35.450	3300.00	175.24	215.00	144.97	134.94	279.91
35.450	3300.00	198.04	215.00	149.76	132.79	282.56
36.150	3300.00	156.09	70.00	139.96	137.18	277.14
36.150	3300.00	162.54	70.00	141.64	136.43	278.07
36.150	3300.00	177.52	70.00	145.08	134.89	279.97
36.150	3300.00	200.40	70.00	150.04	132.67	282.71
37.500	3300.00	160.46	135.00	245.14	9928.84	10173.98
37.500	3300.00	167.05	135.00	269.53	9926.70	10196.23
37.500	3300.00	182.36	135.00	319.59	9922.32	10241.91
37.500	3300.00	205.70	135.00	374.06	9915.94	10290.00
38.600	3300.00	163.96	110.00	124.18	128.13	252.31
38.600	3300.00	170.66	110.00	125.06	127.68	252.74
38.600	3300.00	186.22	110.00	126.88	126.74	253.62
38.600	3300.00	209.99	110.00	129.51	125.39	254.90
39.200	3300.00	165.72	60.00	124.21	128.11	252.33
39.200	3300.00	172.45	60.00	125.10	127.66	252.75
39.200	3300.00	188.09	60.00	126.91	126.73	253.64
39.200	3300.00	211.98	60.00	129.56	125.36	254.93
39.800	3300.00	167.55	60.00	124.35	128.04	252.39
39.800	3300.00	174.32	60.00	125.23	127.59	252.82
39.800	3300.00	190.04	60.00	127.03	126.67	253.69
39.800	3300.00	214.05	60.00	129.67	125.31	254.98
45.000	3300.00	185.71	520.00	377.61	9883.46	10261.07
45.000	3300.00	193.18	520.00	381.62	9880.32	10261.94
45.000	3300.00	210.34	520.00	389.90	9873.84	10263.75
45.000	3300.00	236.52	520.00	402.10	9864.31	10266.40
50.000	3300.00	203.41	500.00	120.44	130.41	250.86
50.000	3300.00	211.52	500.00	121.21	130.03	251.23
50.000	3300.00	230.05	500.00	122.79	129.23	252.01
50.000	3300.00	258.28	500.00	125.12	128.04	253.16
51.200	3300.00	207.19	120.00	120.48	130.39	250.88
51.200	3300.00	215.37	120.00	121.24	130.01	251.25
51.200	3300.00	234.04	120.00	122.81	129.21	252.03
51.200	3300.00	262.50	120.00	125.14	128.04	253.17
51.700	3300.00	208.70	50.00	120.55	130.36	250.91
51.700	3300.00	216.92	50.00	121.30	129.98	251.28
51.700	3300.00	235.65	50.00	122.87	129.18	252.05
51.700	3300.00	264.20	50.00	125.19	128.01	253.20

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
51.950	3300.00	209.49	25.00	120.63	130.32	250.95
51.950	3300.00	217.72	25.00	121.38	129.94	251.32
51.950	3300.00	236.49	25.00	122.94	129.15	252.09
51.950	3300.00	265.08	25.00	125.25	127.98	253.23
52.200	3300.00	210.28	25.00	120.68	130.29	250.97
52.200	3300.00	218.53	25.00	121.43	129.91	251.34
52.200	3300.00	237.32	25.00	122.98	129.13	252.11
52.200	3300.00	265.96	25.00	125.29	127.96	253.25
52.700	3300.00	211.81	50.00	120.70	130.28	250.98
52.700	3300.00	220.08	50.00	121.45	129.90	251.35
52.700	3300.00	238.93	50.00	123.00	129.12	252.12
52.700	3300.00	267.66	50.00	125.30	127.95	253.25
53.700	3300.00	214.95	100.00	172.15	9915.78	10087.93
53.700	3300.00	223.30	100.00	177.50	9913.31	10090.81
53.700	3300.00	242.31	100.00	185.81	9908.19	10094.00
53.700	3300.00	271.27	100.00	195.55	9898.45	10094.00
79.000	3300.00	297.30	2530.00	150.79	9908.21	10059.01
79.000	3300.00	307.58	2530.00	155.05	9904.42	10059.47
79.000	3300.00	330.80	2530.00	165.30	9896.46	10061.77
79.000	3300.00	366.48	2530.00	183.34	9884.44	10067.78
83.000	2060.00	309.31	400.00	167.62	9882.58	10050.20
83.000	2060.00	319.87	400.00	169.10	9881.51	10050.61
83.000	2060.00	343.69	400.00	172.21	9879.26	10051.47
83.000	2060.00	380.32	400.00	176.14	9875.86	10052.00
83.450	2060.00	310.55	45.00	167.67	9882.54	10050.22
83.450	2060.00	321.14	45.00	169.15	9881.48	10050.63
83.450	2060.00	345.03	45.00	172.25	9879.23	10051.48
83.450	2060.00	381.77	45.00	176.17	9875.83	10052.00
83.950	2060.00	311.75	50.00	102.95	947.05	1050.00
83.950	2060.00	322.37	50.00	103.99	946.38	1050.37
83.950	2060.00	346.32	50.00	106.16	944.98	1051.13
83.950	2060.00	383.15	50.00	109.44	942.85	1052.29
84.500	2060.00	312.88	55.00	102.91	947.08	1049.99
84.500	2060.00	323.53	55.00	103.94	946.41	1050.35
84.500	2060.00	347.53	55.00	106.11	945.00	1051.12
84.500	2060.00	384.44	55.00	109.41	942.87	1052.28
85.000	2060.00	314.14	50.00	160.00	920.00	1080.00
85.000	2060.00	324.81	50.00	160.00	920.00	1080.00
85.000	2060.00	348.87	50.00	160.00	920.00	1080.00
85.000	2060.00	385.87	50.00	160.00	920.00	1080.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
101.800	1570.00	394.27	1680.00	1187.42	9542.58	10730.00
101.800	1570.00	409.41	1680.00	1190.90	9539.10	10730.00
101.800	1570.00	442.97	1680.00	1198.28	9531.72	10730.00
101.800	1570.00	494.59	1680.00	1209.56	9520.44	10730.00

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 09:36:18

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY - VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINAUPR.H2 -- 100-YEAR STORM -- EXISTING DEVELOPMENT
 T3 UPPER MAIN "A" & LATERAL A-3 -- PROP DET/PUMP -- START WSEL:ALLIG2PR.H1

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	101.600	.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000	1.000	50.000	51.000	2.000	5.000	26.000	10.000	43.000	13.000
14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000

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

-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
---------	---------	------	------	------	------	------	------	------	------

NC	.100	.100	.040	.100	.300	.000	.000	.000	.000	.000
QT	1.000	2670.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	131.800	14.000	9918.000	10007.000	.000	.000	.000	.000	100.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	10.500	9890.000	10.700	9898.000	2.100	9918.000	2.000	9943.000	-.400	9946.000
GR	-1.600	9950.000	-12.500	9972.000	-12.500	10007.000	2.000	10036.000	1.600	10062.000
GR	1.900	10101.000	1.900	10120.000	3.000	10150.000	4.000	10170.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	131.810	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	104.800	105.800	.000	.000	.000	.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000

STEIN RD AND NUMEROUS PIPELINES

X1	132.000	19.000	122.000	231.000	20.000	20.000	20.000	.000	100.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	30.000	122.000	103.600	102.200	133.000	103.600	102.200	133.000	103.600	93.300
BT	134.000	103.600	99.100	134.000	103.600	102.200	147.000	103.600	102.200	147.000
BT	103.600	94.000	148.000	103.600	93.600	148.000	103.600	102.200	161.000	103.600
BT	102.200	161.000	103.600	87.500	162.000	103.600	87.500	162.000	103.600	102.200
BT	175.000	103.600	102.200	175.000	103.600	87.500	176.000	103.600	87.500	176.000
BT	103.600	102.200	189.000	103.600	102.200	189.000	103.600	87.500	190.000	103.600

BT	87.500	190.000	103.600	102.200	203.000	103.600	102.200	203.000	103.600	92.500
BT	204.000	103.600	92.900	204.000	103.600	102.200	217.000	103.600	102.200	217.000
BT	103.600	99.000	218.000	103.600	99.400	218.000	103.600	102.200	231.000	103.600
BT	102.200	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	100.000	5.500	122.000	-.700	133.000	-.900	134.000	-6.000	147.000
GR	-6.400	148.000	-12.500	161.000	-12.500	162.000	-12.500	175.000	-12.500	176.000
GR	-12.500	189.000	-12.500	190.000	-7.500	203.000	-7.100	204.000	-1.000	217.000
GR	-.600	218.000	2.200	231.000	5.000	232.000	6.000	250.000	.000	.000
X1	132.150	.000	.000	.000	15.000	15.000	15.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	132.800	.000	.000	.000	65.000	65.000	65.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	132.810	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	104.700	107.200	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	132.900	.000	.000	.000	9.000	9.000	9.000	.000	.000	.000
X2	.000	.000	.000	104.700	107.200	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	140.300	10.000	9952.000	10055.000	740.000	740.000	740.000	.000	100.000	.000
X3	.000	-8.100	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.400	9924.000	4.200	9927.000	4.300	9952.000	-12.300	9986.000	-12.300	10022.000
GR	4.300	10055.000	4.400	10073.000	9.400	10076.000	9.500	10078.000	7.500	10089.000
PIPELINE CROSSING										
X1	146.500	.000	.000	.000	620.000	620.000	620.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	146.510	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	107.800	108.600	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	146.550	.000	.000	.000	4.000	4.000	4.000	.000	.000	.000
X2	.000	.000	.000	107.800	108.600	.000	.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	146.600	.000	.000	.000	5.000	5.000	5.000	.000	.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	157.300	9.000	9952.000	10051.000	800.000	1320.000	1070.000	.000	100.000	.000
X3	.000	-7.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9918.000	3.900	9928.000	3.900	9952.000	-12.300	9985.000	-12.300	10020.000
GR	3.200	10051.000	3.300	10086.000	4.000	10096.000	5.000	10116.000	.000	.000

X1	165.700	9.000	9959.000	10061.000	840.000	840.000	840.000	.000	100.000	.000
X3	.000	-9.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9920.000	5.000	9920.000	4.000	9940.000	3.900	9959.000	-12.300	9992.000
GR	-12.300	10027.000	4.800	10061.000	4.900	10087.000	6.000	10107.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
KCS RAILROAD BRIDGE										
X1	166.950	22.000	100.000	207.000	125.000	125.000	125.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	42.000	100.000	108.500	105.100	107.000	108.500	105.100	107.000	108.500	105.100
BT	108.000	108.500	105.100	108.000	108.500	105.100	117.000	108.500	105.100	117.000
BT	108.500	99.300	118.000	108.500	98.900	118.000	108.500	105.100	127.000	108.500
BT	105.100	127.000	108.500	93.000	128.000	108.500	92.600	128.000	108.500	105.100
BT	137.000	108.500	105.100	137.000	108.500	87.700	138.000	108.500	87.700	138.000
BT	108.500	105.100	147.000	108.500	105.100	147.000	108.500	87.700	148.000	108.500
BT	87.700	148.000	108.500	105.100	157.000	108.500	105.100	157.000	108.500	87.700
BT	158.000	108.500	87.700	158.000	108.500	105.100	167.000	108.500	105.100	167.000
BT	108.500	87.700	168.000	108.500	87.700	168.000	108.500	105.100	177.000	108.500
BT	105.100	177.000	108.500	90.500	178.000	108.500	90.900	178.000	108.500	105.100
BT	187.000	108.500	105.100	187.000	108.500	97.000	188.000	108.500	97.400	188.000
BT	108.500	105.100	197.000	108.500	105.100	197.000	108.500	103.100	198.000	108.500
BT	103.500	198.000	108.500	105.100	207.000	108.500	105.100	.000	.000	.000
GR	9.400	100.000	5.500	107.000	5.100	108.000	-.700	117.000	-1.100	118.000
GR	-7.000	127.000	-7.400	128.000	-12.300	137.000	-12.300	138.000	-12.300	147.000
GR	-12.300	148.000	-12.300	157.000	-12.300	158.000	-12.300	167.000	-12.300	168.000
GR	-9.500	177.000	-9.100	178.000	-3.000	187.000	-2.600	188.000	3.100	197.000
GR	3.500	198.000	8.500	207.000	.000	.000	.000	.000	.000	.000
X1	167.150	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
X1	167.500	8.000	9958.000	10057.000	35.000	35.000	35.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	9.500	9940.000	9.500	9940.000	9.500	9940.000	9.500	9958.000	-12.200	9991.000
GR	-12.200	10026.000	9.000	10057.000	9.200	10075.000	.000	.000	.000	.000
X1	173.000	5.000	9941.000	10033.000	550.000	550.000	550.000	.000	100.000	.000
X3	.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.500	9941.000	-12.100	9972.000	-12.100	10007.000	3.700	10033.000	7.700	10084.000
BT	1.000	2395.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
HWY 347 - EAST BOUND BRIDGE										
X1	174.300	11.000	100.000	243.000	130.000	130.000	130.000	.000	100.000	.000
X3	.000	-11.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	10.000	100.000	107.300	105.500	143.000	107.300	105.500	143.000	107.300	90.500
BT	145.000	107.300	90.200	145.000	107.300	105.500	184.000	107.300	105.500	184.000
BT	107.300	90.200	186.000	107.300	90.500	186.000	107.300	105.500	243.000	107.300
BT	105.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.800	100.000	2.700	117.000	1.800	127.000	-8.500	143.000	-9.800	145.000
GR	-12.000	147.000	-12.000	182.000	-9.800	184.000	-9.500	186.000	5.700	207.000

X1	227.710	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	105.800	107.800	.000	.000	.000	.000	.000
X1	227.900	.000	.000	.000	19.000	19.000	19.000	.000	.000	.000
X2	.000	.000	.000	105.800	107.800	.000	.000	.000	.000	.000
X1	228.100	.000	.000	.000	20.000	20.000	20.000	.000	.000	.000
X1	237.000	7.000	9978.000	10042.000	990.000	790.000	890.000	.000	100.000	.000
GR	8.000	9960.000	8.200	9970.000	7.700	9978.000	-2.400	9998.000	-2.400	10016.000
GR	10.000	10042.000	10.100	10066.000	.000	.000	.000	.000	.000	.000
QT	1.000	840.000	.000	.000	.000	.000	.000	.000	.000	.000
12' BOTTOM WIDTH										
X1	240.000	13.000	9979.000	10033.000	260.000	330.000	300.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	10.500	9926.000	9.200	9937.000	7.000	9945.000	-.500	9956.000	-.700	9963.000
GR	3.400	9966.000	7.600	9976.000	8.100	9979.000	2.000	9990.000	-1.700	9996.000
GR	-1.700	10008.000	10.500	10033.000	10.500	10066.000	.000	.000	.000	.000
CONFLUENCE OF INDUSTRIAL DITCH TRIBUTARY										
X1	241.000	8.000	9968.000	10025.000	100.000	100.000	100.000	.000	100.000	.000
GR	12.200	9940.000	9.000	9948.000	8.100	9952.000	8.200	9968.000	-1.700	9989.000
GR	-1.700	10001.000	10.700	10025.000	11.100	10041.000	.000	.000	.000	.000
X1	249.000	8.000	9968.000	10025.000	800.000	800.000	800.000	.000	100.000	.000
GR	12.200	9940.000	9.000	9948.000	8.100	9952.000	8.200	9968.000	.100	9989.000
GR	.100	10001.000	10.700	10025.000	11.100	10041.000	.000	.000	.000	.000
NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
CONFLUENCE OF LATERAL A-5 TRIBUTARY										
X1	249.100	11.000	9976.000	10024.000	10.000	10.000	10.000	.000	100.000	.000
GR	17.000	9943.000	16.600	9952.000	13.000	9958.000	10.800	9965.000	10.300	9976.000
GR	5.000	9987.000	1.600	9991.000	1.600	10003.000	12.500	10024.000	13.200	10033.000
GR	13.000	10060.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	1.000	500.000	.000	.000	.000	.000	.000	.000	.000	.000
300' DOWNSTREAM OF HWY 366 BRIDGE										
X1	267.000	11.000	9976.000	10024.000	1800.000	1800.000	1800.000	.000	100.000	.000
GR	17.000	9943.000	16.600	9952.000	13.000	9958.000	10.800	9965.000	10.300	9976.000
GR	5.000	9987.000	2.500	9991.000	2.500	10003.000	12.500	10024.000	13.200	10033.000
GR	13.000	10060.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	269.500	.000	.000	.000	250.000	250.000	250.000	.000	.000	.000
X1	270.000	32.000	978.700	1022.000	50.000	50.000	50.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	17.000	970.000	11.200	978.700	4.400	985.500	2.900	986.000	2.100	987.000
GR	1.900	988.000	2.100	989.000	2.900	990.000	4.400	990.500	3.700	993.500
GR	2.200	994.000	1.400	995.000	1.200	996.000	1.400	997.000	2.200	998.000
GR	3.700	998.500	3.900	1002.500	2.400	1003.000	1.600	1004.000	1.400	1005.000
GR	1.600	1006.000	2.400	1007.000	3.900	1007.500	3.700	1009.500	2.200	1010.000

GR	1.400	1011.000	1.200	1012.000	1.400	1013.000	2.200	1014.000	3.700	1014.500
GR	11.200	1022.000	13.000	1060.000	.000	.000	.000	.000	.000	.000

DOWNSIDE FACE OF 4-60" RCP CULVERTS UNDER LNVA CANAL

X1	270.050	.000	.000	.000	5.000	5.000	5.000	.000	.000	.000
BT	30.000	978.700	111.200	111.200	985.500	111.200	104.400	986.000	111.200	105.800
BT	987.000	111.200	106.600	988.000	111.200	106.900	989.000	111.200	106.600	990.000
BT	111.200	105.800	990.500	111.200	104.400	993.500	111.200	103.700	994.000	111.200
BT	105.200	995.000	111.200	105.900	996.000	111.200	106.200	997.000	111.200	105.900
BT	998.000	111.200	105.200	998.500	111.200	103.700	1002.500	111.200	103.900	1003.000
BT	111.200	105.300	1004.000	111.200	106.200	1005.000	111.200	106.400	1006.000	111.200
BT	106.200	1007.000	111.200	105.300	1007.500	111.200	103.900	1009.500	111.200	103.700
BT	1010.000	111.200	105.200	1011.000	111.200	105.900	1012.000	111.200	106.200	1013.000
BT	111.200	105.900	1014.000	111.200	105.200	1014.500	111.200	103.700	1022.000	111.200
BT	111.200	.000	.000	.000	.000	.000	.000	.000	.000	.000

UPSTREAM FACE OF 4-60" RCP CULVERTS UNDER LNVA CANAL

X1	270.950	.000	.000	.000	90.000	90.000	90.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

DOWNSIDE SIDE OF JUNCTION BOX AT HWY 366

X1	270.960	6.000	983.000	1017.000	1.000	1.000	1.000	.000	100.000	.000
BT	2.000	983.000	114.100	110.200	1017.000	114.100	110.200	.000	.000	.000
GR	14.100	970.000	14.100	983.000	1.200	983.000	1.200	1017.000	14.100	1017.000
GR	14.100	1030.000	.000	.000	.000	.000	.000	.000	.000	.000

UPSTREAM SIDE OF JUNCTION BOX AT HWY 366

X1	271.140	.000	.000	.000	18.000	18.000	18.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

QT	1.000	450.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

DOWNSIDE END OF HWY 366 CULVERT

X1	271.150	10.000	983.000	1017.000	1.000	1.000	1.000	.000	100.000	.000
BT	10.000	983.000	114.100	102.500	992.500	114.100	102.500	992.500	114.100	108.500
BT	999.500	114.100	108.500	999.500	114.100	102.500	1000.500	114.100	102.500	1000.500
BT	114.100	108.500	1007.500	114.100	108.500	1007.500	114.100	102.500	1017.000	114.100
BT	102.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.100	970.000	14.100	983.000	2.500	983.000	2.500	992.500	2.500	999.500
GR	2.500	1000.500	2.500	1007.500	2.500	1017.000	14.100	1017.000	14.100	1030.000

UPSTREAM FACE OF HWY 366 CULVERT

X1	271.900	8.000	975.900	1024.100	75.000	75.000	75.000	.000	100.000	.000
BT	12.000	970.000	114.100	114.100	975.900	114.100	111.200	992.500	114.400	102.900
BT	992.500	114.100	108.900	999.500	114.100	108.900	999.500	114.100	102.900	1000.500
BT	114.100	102.900	1000.500	114.100	108.900	1007.500	114.100	108.900	1007.500	114.100
BT	102.900	1024.100	114.100	111.200	1030.000	114.100	114.100	.000	.000	.000
GR	14.100	970.000	11.200	975.900	2.900	992.500	2.900	999.500	2.900	1000.500
GR	2.900	1007.500	11.200	1024.100	14.100	1030.000	.000	.000	.000	.000

X1	271.910	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X1	272.900	8.000	985.000	1015.000	100.000	100.000	100.000	.000	100.000	.000
GR	11.200	970.000	11.200	984.000	10.810	985.000	4.810	997.000	4.810	1003.000
GR	10.810	1015.000	11.200	1016.000	11.200	1030.000	.000	.000	.000	.000
CONFLUENCE OF LATERAL A-6 TRIBUTARY										
X1	298.900	8.000	985.000	1015.000	2600.000	2600.000	2600.000	.000	100.000	.000
GR	13.410	970.000	13.410	983.000	12.370	985.000	6.370	997.000	6.370	1003.000
GR	12.370	1015.000	13.410	1017.000	13.410	1030.000	.000	.000	.000	.000
QT	1.000	65.000	.000	.000	.000	.000	.000	.000	.000	.000
UPSTREAM END OF MAIN "A" -- 70' SOUTH OF MERRIMAN STREET										
X1	306.400	8.000	988.000	1012.000	700.000	700.000	750.000	.000	100.000	.000
GR	12.610	970.000	12.610	987.000	11.970	988.000	6.970	998.000	6.970	1002.000
GR	11.970	1012.000	12.610	1013.000	12.610	1030.000	.000	.000	.000	.000
QT	1.000	2395.000	.000	.000	.000	.000	.000	.000	.000	.000
LATERAL A-3 TRIBUTARY										
X1	-198.000	7.000	9946.000	10040.000	.000	.000	.000	.000	100.000	.000
X3	.000	-6.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	9946.000	-8.800	9978.000	-8.800	10013.000	4.700	10040.000	4.800	10060.000
GR	4.300	10080.000	5.000	10105.000	.000	.000	.000	.000	.000	.000
NC	.100	.100	.040	.000	.000	.000	.000	.000	.000	.000
QT	1.000	1090.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	.000	6.000	978.250	1023.000	95.000	95.000	95.000	.000	100.000	.000
GR	3.750	975.000	3.750	978.250	-4.740	995.000	-4.740	1005.000	4.210	1023.000
GR	5.710	1033.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	9.000	6.000	977.250	1021.500	900.000	900.000	900.000	.000	100.000	.000
GR	4.910	975.000	4.910	977.250	-3.940	995.000	-3.940	1005.000	4.210	1021.500
GR	5.310	1031.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.100	.100	.015	.300	.500	.000	.000	.000	.000	.000
X1	17.000	6.000	985.500	1014.500	800.000	800.000	800.000	.000	100.000	.000
GR	4.710	973.000	3.610	985.500	-3.140	993.500	-3.140	1006.000	3.610	1014.500
GR	5.310	1027.000	.000	.000	.000	.000	.000	.000	.000	.000
DOWNSTREAM FACE OF SPUR 136 & KCS RR BRIDGES -- LATERAL A-3										
X1	17.550	.000	.000	.000	55.000	55.000	55.000	.000	.050	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.050	1.560	2.600	.000	12.500	3.500	167.400	1.250	96.600	96.700
UPSTREAM FACE OF SPUR 136 & KCS RR BRIDGES -- LATERAL A-3										
X1	18.300	.000	.000	.000	75.000	75.000	75.000	.000	.075	.000
X2	.000	.000	1.000	106.500	109.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	3.000	970.000	109.000	106.500	1000.000	109.000	106.500	1030.000	109.000	106.500

X1	18.790	8.000	986.000	1014.500	49.000	49.000	49.000	.000	100.000	.000
GR	7.210	972.500	7.110	980.500	4.210	986.000	-2.870	995.000	-2.870	1005.000
GR	4.510	1014.500	6.410	1018.000	6.410	1025.000	.000	.000	.000	.000

X1	25.000	6.000	987.600	1012.500	621.000	621.000	621.000	.000	100.000	.000
GR	4.710	985.000	4.010	987.600	-1.940	995.000	-1.940	1005.000	4.010	1012.500
GR	4.910	1017.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	32.000	6.000	988.000	1012.000	700.000	700.000	700.000	.000	100.000	.000
GR	5.210	983.000	4.910	988.000	-.890	995.000	-.890	1005.000	4.810	1012.000
GR	5.910	1019.500	.000	.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF GSU BRIDGE -- LATERAL A-3 -- BRIDGE REMOVED

X1	32.550	.000	.000	.000	55.000	55.000	55.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

UPSTREAM FACE OF GSU BRIDGE -- LATERAL A-3 -- BRIDGE REMOVED

X1	32.700	.000	.000	.000	15.000	15.000	15.000	.000	.030	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

CONFLUENCE OF LATERAL A-3-A SUB-LATERAL

X1	33.000	6.000	987.700	1012.000	30.000	30.000	30.000	.000	100.000	.000
GR	6.310	985.000	5.210	987.700	-.740	995.000	-.740	1005.000	5.210	1012.000
GR	4.910	1020.000	.000	.000	.000	.000	.000	.000	.000	.000

QT	1.000	635.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	34.000	7.000	987.500	1012.500	100.000	100.000	100.000	.000	100.000	.000
GR	5.710	985.000	5.410	987.500	-.590	995.000	-.590	1005.000	5.410	1012.500
GR	5.610	1015.000	5.810	1024.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF RAILROAD SPUR BRIDGE -- LATERAL A-3

X1	34.250	.000	.000	.000	25.000	25.000	25.000	.000	.260	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.050	1.550	2.600	.000	10.000	2.000	141.300	1.250	99.670	99.700
UPSTREAM FACE OF RAILROAD SPUR BRIDGE -- LATERAL A-3										
X1	34.400	.000	.000	.000	15.000	15.000	15.000	.000	.150	.000
X2	.000	.000	1.000	107.510	109.710	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	3.000	985.000	109.710	107.510	1000.000	109.710	107.510	1030.000	109.710	107.510

X1	34.750	6.000	990.300	1009.750	40.000	40.000	40.000	.000	100.000	.000
GR	7.210	985.000	4.910	990.300	.460	997.000	.460	1003.000	4.810	1009.750
GR	8.210	1015.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	43.000	7.000	990.500	1009.700	825.000	825.000	825.000	.000	100.000	.000
GR	8.210	980.000	8.110	985.000	5.710	990.500	1.260	997.000	1.260	1003.000
GR	5.710	1009.700	9.210	1015.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	6.400	8.000	989.500	1010.500	640.000	640.000	640.000	.000	100.000	.000
GR	8.010	981.000	7.310	987.500	5.160	989.500	.020	997.000	.020	1003.000
GR	5.160	1010.500	7.210	1013.500	7.110	1015.500	.000	.000	.000	.000
X1	7.100	17.000	992.000	1008.000	70.000	10.000	40.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	8.910	980.000	8.910	991.000	4.620	992.000	-.880	992.000	-.880	996.500
GR	4.620	996.500	2.120	998.000	1.120	999.000	.120	1000.000	1.120	1001.000
GR	2.120	1002.000	4.620	1003.500	-.880	1003.500	-.880	1008.000	4.620	1008.000
GR	8.910	1009.000	8.910	1020.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF KCS RAILROAD CULVERT -- LATERAL A-3-A

X1	7.120	.000	.000	.000	2.000	2.000	2.000	.000	.000	.000
BT	11.000	991.000	108.910	108.910	992.000	108.910	104.620	996.500	108.910	104.620
BT	998.000	108.910	102.120	999.000	108.910	103.120	1000.000	108.910	104.120	1001.000
BT	108.910	103.120	1002.000	108.910	102.120	1003.500	108.910	104.620	1008.000	108.910
BT	104.620	1009.000	108.910	108.910	.000	.000	.000	.000	.000	.000

UPSTREAM FACE OF KCS RAILROAD CULVERT -- LATERAL A-3-A

X1	7.420	.000	.000	.000	30.000	30.000	30.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	7.450	.000	.000	.000	3.000	3.000	3.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	7.750	9.000	989.500	1010.500	30.000	30.000	30.000	.000	100.000	.000
GR	8.410	979.000	7.510	984.000	7.210	986.500	5.310	989.500	.120	997.000
GR	.120	1003.000	5.210	1010.500	7.210	1013.500	7.710	1015.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	9.500	8.000	989.500	1010.500	175.000	175.000	175.000	.000	100.000	.000
GR	7.610	979.000	7.310	986.500	5.210	989.500	.200	997.000	.200	1000.300
GR	5.210	1010.500	7.410	1013.500	7.450	1014.000	.000	.000	.000	.000
X1	9.780	18.000	994.000	1005.500	28.000	28.000	28.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.600	980.000	7.600	994.000	2.230	994.000	.800	994.500	.000	995.500
GR	-.270	996.500	.000	997.500	.800	998.500	2.230	999.000	2.230	1000.500
GR	.800	1001.000	.000	1002.000	-.270	1003.000	.000	1004.000	.800	1005.000
GR	2.230	1005.500	7.600	1005.500	7.600	1015.000	.000	.000	.000	.000

DOWNSTREAM FACE OF 2-60" CULVERT -- LATERAL A-3-A

X1	9.790	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	18.000	980.000	107.600	107.600	994.000	107.600	107.600	994.000	107.600	102.230
BT	994.500	107.600	103.800	995.500	107.600	104.600	996.500	107.600	104.730	997.500
BT	107.600	104.600	998.500	107.600	103.800	999.000	107.600	102.230	1000.500	107.600
BT	102.230	1001.000	107.600	103.800	1002.000	107.600	104.600	1003.000	107.600	104.730
BT	1004.000	107.600	104.600	1005.000	107.600	103.800	1005.500	107.600	102.230	1005.500
BT	107.600	107.600	1015.000	107.600	107.600	.000	.000	.000	.000	.000

UPSTREAM FACE OF 2-60" CULVERT -- LATERAL A-3-A

X1	10.000	.000	.000	.000	21.000	21.000	21.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

X1	10.010	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	10.250	8.000	989.500	1010.500	24.000	24.000	24.000	.000	100.000	.000
GR	7.610	979.000	7.310	986.500	5.230	989.500	.220	997.000	.220	1003.000
GR	5.230	1010.500	7.410	1013.500	7.450	1014.000	.000	.000	.000	.000

X1	18.000	7.000	989.500	1010.400	775.000	775.000	775.000	.000	100.000	.000
GR	7.210	979.000	6.210	982.000	5.710	989.500	.620	997.000	.620	1003.000
GR	5.510	1010.400	5.710	1014.000	.000	.000	.000	.000	.000	.000

X1	26.000	8.000	989.500	1010.500	800.000	800.000	800.000	.000	100.000	.000
GR	6.810	981.500	6.610	988.500	6.010	989.500	1.020	997.000	1.020	1003.000
GR	5.810	1010.500	6.010	1011.500	6.010	1014.000	.000	.000	.000	.000

QT	1.000	150.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

6' BOTTOM WIDTH

X1	31.650	7.000	989.500	1010.500	565.000	565.000	565.000	.000	100.000	.000
GR	7.510	983.500	7.310	987.000	6.210	989.500	1.270	997.000	1.270	1003.000
GR	6.310	1010.500	7.010	1013.000	.000	.000	.000	.000	.000	.000

5' BOTTOM WIDTH

X1	32.000	7.000	991.500	1008.500	35.000	35.000	35.000	.000	100.000	.000
GR	7.510	983.500	7.310	987.000	5.210	991.500	1.320	997.500	1.320	1002.500
GR	5.010	1008.500	7.010	1013.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	33.150	7.000	991.500	1008.500	115.000	115.000	115.000	.000	100.000	.000
GR	7.510	983.500	7.310	987.000	5.210	991.500	1.320	997.500	1.320	1002.500
GR	5.010	1008.500	7.010	1013.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HOGABOOM ROAD CULVERT -- LATERAL A-3-A

X1	33.450	6.000	985.300	1014.700	30.000	30.000	30.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	9.410	960.000	9.410	985.300	1.290	997.500	1.290	1002.500	9.410	1014.700
GR	9.410	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	5.000	.000	20.000	.100	101.400	101.290
----	-------	-------	-------	------	-------	------	--------	------	---------	---------

UPSTREAM FACE OF HOGABOOM ROAD CULVERT -- LATERAL A-3-A

X1	33.900	.000	.000	.000	45.000	45.000	45.000	.000	.000	.000
X2	.000	.000	1.000	105.290	109.410	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	985.300	109.410	109.410	997.500	109.410	101.290	997.500	109.410	105.290
BT	1002.500	109.410	105.290	1002.500	109.410	101.290	1014.700	109.410	109.410	.000

THIS RUN EXECUTED 04/10/90 09:49:06

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

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

UPPER MAIN "A" & LATERAL

SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	CRISW	10K*5	VCH	HV	Q	QLOB	QCH	QROB
131.800	101.60	.00	.00	.00	8.19	4.43	.28	2670.00	.00	2472.79	197.21
131.810	101.60	.00	.00	.00	8.18	4.43	.28	2670.00	.00	2472.78	197.22
132.000	101.69	.00	.09	.00	21.62	3.88	.23	2670.00	.00	2670.00	.00
132.150	101.73	.00	.03	.00	21.43	3.87	.23	2670.00	.00	2670.00	.00
132.800	101.85	.00	.12	.00	6.41	3.52	.19	2670.00	.00	2670.00	.00
132.810	101.85	.00	.00	.00	6.43	3.52	.19	2670.00	.00	2670.00	.00
132.900	101.85	.00	.01	.00	6.42	3.52	.19	2670.00	.00	2670.00	.00
140.300	102.36	.00	.51	.00	8.56	3.97	.24	2670.00	.00	2670.00	.00
146.500	102.88	.00	.52	.00	7.07	3.70	.21	2670.00	.00	2670.00	.00
146.510	102.88	.00	.00	.00	7.07	3.70	.21	2670.00	.00	2670.00	.00
146.550	102.88	.00	.00	.00	7.06	3.70	.21	2670.00	.00	2670.00	.00
146.600	102.89	.00	.00	.00	7.05	3.70	.21	2670.00	.00	2670.00	.00
157.300	103.62	.00	.74	.00	6.46	3.57	.20	2670.00	.00	2667.28	2.72
165.700	104.08	.00	.46	.00	3.39	2.90	.13	2670.00	.17	2669.83	.00
166.950	104.15	.00	.07	.00	16.52	3.17	.16	2670.00	.00	2670.00	.00
167.150	104.18	.00	.03	.00	16.41	3.16	.16	2670.00	.00	2670.00	.00
167.500	104.20	.00	.02	.00	3.85	3.21	.16	2670.00	.00	2670.00	.00

SECND	CWSEL	DIFWSP	DIFWSX	CRWS	10K*5	VCH	HV	Q	QLOB	QCH	QROB
173.000	104.42	.00	.22	.00	3.29	3.01	.14	2670.00	.00	2669.55	.45
174.300	104.51	.00	.09	.00	5.08	2.68	.11	2395.00	.00	2395.00	.00
174.700	104.53	.00	.02	.00	5.06	2.68	.11	2395.00	.00	2395.00	.00
174.800	104.55	.00	.02	.00	2.42	2.52	.10	2395.00	.00	2395.00	.00
174.950	104.55	.00	.00	.00	5.02	2.67	.11	2395.00	.00	2395.00	.00
175.350	104.57	.00	.02	.00	5.01	2.67	.11	2395.00	.00	2395.00	.00
176.000	104.56	.00	-.01	.00	5.31	3.38	.18	2395.00	.00	2394.09	.91
180.000	104.84	.00	.28	.00	4.03	2.91	.13	2395.00	.27	2394.27	.46
198.000	105.61	.00	.77	.00	4.80	3.20	.16	2395.00	.00	2375.33	19.67
202.000	105.85	.00	.24	.00	2.87	2.34	.08	1310.00	.00	1305.28	4.72
227.700	106.84	.00	1.00	.00	6.27	3.24	.16	1310.00	.00	1310.00	.00
227.710	106.80	.00	-.04	.00	22.46	3.77	.22	1310.00	.00	1310.00	.00
227.900	106.85	.00	.04	.00	22.45	3.77	.22	1310.00	.00	1310.00	.00
228.100	106.94	.00	.09	.00	6.05	3.19	.16	1310.00	.00	1310.00	.00
237.000	107.53	.00	.59	.00	7.88	3.45	.18	1310.00	.00	1310.00	.00
240.000	107.80	.00	.28	.00	6.79	2.97	.14	840.00	.00	840.00	.00
241.000	107.89	.00	.08	.00	5.90	2.79	.12	840.00	.00	840.00	.00
249.000	108.43	.00	.54	.00	8.59	3.13	.15	840.00	.66	839.14	.00
249.100	108.21	.00	-.22	.00	5.10	5.54	.48	840.00	.00	840.00	.00
267.000	109.11	.00	.90	.00	1.52	3.05	.14	500.00	.00	500.00	.00
269.500	109.15	.00	.04	.00	1.48	3.02	.14	500.00	.00	500.00	.00
270.000	109.23	.00	.08	.00	.84	2.29	.08	500.00	.00	500.00	.00
270.050	108.92	.00	-.31	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.950	109.25	.00	.33	.00	36.72	6.77	.71	500.00	.00	500.00	.00
270.960	110.12	.00	.87	.00	.26	1.65	.04	500.00	.00	500.00	.00
271.140	110.12	.00	.00	.00	.26	1.65	.04	500.00	.00	500.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
271.150	109.92	.00	-.20	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.900	110.03	.00	.12	.00	15.43	5.36	.45	450.00	.00	450.00	.00
271.910	110.54	.00	.50	.00	.49	1.95	.06	450.00	.00	450.00	.00
272.900	110.41	.00	-.13	.00	4.92	4.68	.34	450.00	.00	450.00	.00
298.900	111.77	.00	1.36	.00	5.79	4.97	.38	450.00	.00	450.00	.00
306.400	112.41	.00	.64	.00	.15	.81	.01	65.00	.00	64.99	.00
-198.000	105.61	.00	-6.80	.00	.68	3.22	.16	2395.00	.00	2387.58	7.42
.000	105.61	.00	.00	.00	7.42	3.48	.19	1090.00	2.75	1065.16	2.09
9.000	106.28	.00	.68	.00	7.66	3.53	.19	1090.00	1.14	1081.52	7.34
17.000	106.47	.00	.19	.00	1.90	4.81	.35	1090.00	9.47	1072.82	7.71
17.550	106.48	.00	.01	.00	1.93	4.83	.36	1090.00	9.34	1073.09	7.57
18.300	107.21	.00	.73	.00	1.46	4.43	.30	1090.00	11.94	1067.84	10.22
18.790	107.18	.00	-.03	.00	2.03	4.94	.38	1090.00	2.16	1085.27	2.57
25.000	107.25	.00	.08	.00	2.98	5.87	.53	1090.00	2.46	1082.75	4.80
32.000	107.42	.00	.17	.00	4.61	6.76	.70	1090.00	5.25	1077.68	7.07
32.550	107.45	.00	.03	.00	4.57	6.74	.70	1090.00	5.28	1077.60	7.12
32.700	107.46	.00	.01	.00	4.60	6.76	.70	1090.00	5.26	1077.67	7.07
33.000	107.46	.00	.00	.00	4.98	6.88	.73	1090.00	1.66	1078.81	9.53
34.000	108.18	.00	.71	.00	1.21	3.59	.20	635.00	1.29	625.92	7.79
34.250	108.17	.00	-.01	.00	1.39	3.74	.21	635.00	1.19	626.80	7.00
34.400	108.45	.00	.28	.00	1.30	3.67	.21	635.00	1.24	626.37	7.39
34.750	108.37	.00	-.09	.00	2.60	5.05	.39	635.00	4.28	627.63	3.09
43.000	108.57	.00	.20	.00	3.76	5.67	.49	635.00	3.80	629.18	2.01
49.000	108.79	.00	.22	.00	4.73	6.05	.57	635.00	2.36	631.13	1.51
49.900	108.84	.00	.05	.00	4.59	6.00	.56	635.00	2.49	630.92	1.59
50.500	108.88	.00	.04	.00	4.49	5.96	.55	635.00	2.61	630.74	1.65

SECNO	CWSEL	DIFWSP	DIFWSX	CRIS	10K*S	VCH	HV	Q	QLOB	QCH	QROB
51.500	108.83	.00	-.05	.00	7.27	7.05	.76	635.00	5.56	627.06	2.37
56.500	109.18	.00	.35	.00	8.16	7.36	.83	635.00	6.35	624.34	4.31
66.500	110.02	.00	.83	.00	9.22	7.64	.89	635.00	2.99	625.97	6.04
69.500	110.35	.00	.34	.00	8.93	7.50	.84	635.00	11.71	613.95	9.34
72.500	110.60	.00	.24	.00	9.56	7.73	.92	635.00	4.44	627.33	3.22
79.500	111.30	.00	.70	.00	8.93	7.53	.87	635.00	4.64	629.79	.57
-33.000	107.46	.00	-3.84	.00	1.70	4.01	.25	635.00	.98	628.50	5.54
.000	107.68	.00	.22	.00	.65	2.46	.09	320.00	.26	319.48	.26
6.400	107.72	.00	.04	.00	.78	2.59	.10	320.00	.43	318.78	.79
7.100	107.72	.00	.00	.00	1.97	2.73	.12	320.00	.12	319.77	.12
7.120	107.54	.00	-.18	.00	27.11	5.57	.48	320.00	.00	320.00	.00
7.420	107.62	.00	.08	.00	27.11	5.57	.48	320.00	.00	320.00	.00
7.450	108.11	.00	.49	.00	1.66	2.60	.10	320.00	.15	319.71	.15
7.750	108.13	.00	.02	.00	.65	2.45	.09	320.00	1.17	317.81	1.02
9.500	108.14	.00	.01	.00	.77	2.59	.10	320.00	1.48	317.57	.95
9.780	108.09	.00	-.05	.00	3.11	3.72	.21	320.00	1.08	318.19	.73
9.790	107.64	.00	-.45	103.49	99.44	8.44	1.11	320.00	.10	319.82	.07
10.000	108.39	.00	.75	.00	45.56	6.55	.64	320.00	9.17	304.71	6.12
10.010	109.01	.00	.62	.00	2.02	3.24	.16	320.00	4.93	311.81	3.25
10.250	109.13	.00	.12	.00	.40	2.11	.07	320.00	2.68	315.72	1.41
18.000	109.16	.00	.03	.00	.47	2.21	.07	320.00	6.22	311.85	1.92
26.000	109.20	.00	.04	.00	.55	2.33	.08	320.00	3.47	314.64	1.89
31.650	109.29	.00	.10	.00	.15	1.21	.02	160.00	1.10	158.43	.47
32.000	109.29	.00	.00	.00	.18	1.39	.03	160.00	2.20	156.28	1.52
33.150	109.29	.00	.00	.00	.18	1.39	.03	160.00	2.20	156.28	1.52
33.450	109.30	.00	.01	.00	.22	1.17	.02	160.00	.00	160.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*S	VCH	HV	Q	QLUB	QCH	QRCB
33.900	110.10	.00	.79	.00	.13	.99	.02	160.00	.72	158.56	.72
34.350	110.09	.00	.00	.00	.15	1.29	.03	160.00	2.51	155.03	2.45
39.900	110.10	.00	.01	.00	.18	1.36	.03	160.00	1.35	156.24	2.40
40.250	110.12	.00	.02	.00	.07	.81	.01	160.00	.32	159.12	.56
40.800	110.27	.00	.14	.00	.07	.81	.01	160.00	.40	158.98	.62
41.150	110.26	.00	-.01	.00	.19	1.38	.03	160.00	2.50	154.62	2.88
59.900	110.30	.00	.04	.00	.40	1.72	.04	160.00	3.51	151.15	5.35

UPPER MAIN "A" & LATERAL

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
131.800	2670.00	.00	.00	91.49	9943.50	10034.99
131.810	2670.00	.02	1.00	91.65	9943.50	10062.11
132.000	2670.00	.34	20.00	99.88	128.76	228.63
132.150	2670.00	.58	15.00	100.06	128.71	228.77
132.800	2670.00	1.66	65.00	100.94	128.47	229.40
132.810	2670.00	1.67	1.00	100.88	128.48	229.36
132.900	2670.00	1.83	9.00	100.92	128.47	229.39
140.300	2670.00	13.98	740.00	92.53	9957.31	10049.84
146.500	2670.00	23.90	620.00	95.32	9955.90	10051.22
146.510	2670.00	23.91	1.00	95.32	9955.90	10051.22
146.550	2670.00	23.98	4.00	95.34	9955.89	10051.23
146.600	2670.00	24.06	5.00	95.36	9955.88	10051.24
157.300	2670.00	42.32	1070.00	137.93	9952.78	10090.71
165.700	2670.00	58.58	840.00	120.90	9938.39	10059.29
166.950	2670.00	61.11	125.00	89.67	109.49	199.16
167.150	2670.00	61.50	20.00	89.78	109.44	199.21
167.500	2670.00	62.17	35.00	82.21	9966.96	10049.17
173.000	2670.00	73.04	550.00	95.71	9946.46	10042.17
174.300	2395.00	75.70	130.00	95.86	109.50	205.36
174.700	2395.00	76.52	40.00	95.95	109.43	205.38
174.800	2395.00	76.73	10.00	96.04	109.36	205.40
174.950	2395.00	77.05	15.00	96.12	109.30	205.42
175.350	2395.00	77.88	40.00	96.16	109.27	205.43
176.000	2395.00	79.08	65.00	96.63	9947.29	10043.92

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
180.000	2395.00	87.95	500.00	159.07	9923.79	10082.66
198.000	2395.00	121.68	1800.00	155.58	9949.42	10105.00
202.000	1310.00	128.04	400.00	101.42	9964.37	10065.78
227.700	1310.00	157.09	2570.00	56.66	9979.47	10036.13
227.710	1310.00	157.10	1.00	56.53	9979.53	10036.06
227.900	1310.00	157.25	19.00	56.66	9979.47	10036.13
228.100	1310.00	157.42	20.00	57.00	9979.31	10036.31
237.000	1310.00	165.49	890.00	58.47	9978.34	10036.82
240.000	840.00	167.77	300.00	47.94	9979.53	10027.48
241.000	840.00	168.44	100.00	50.85	9968.68	10019.54
249.000	840.00	173.71	800.00	69.31	9950.54	10019.86
249.100	840.00	173.76	10.00	35.39	9980.34	10015.73
267.000	500.00	180.28	1800.00	38.40	9978.48	10016.67
269.500	500.00	181.23	250.00	38.57	9978.39	10016.96
270.000	500.00	181.45	50.00	39.36	980.67	1020.03
270.050	500.00	181.47	5.00	38.74	980.98	1019.72
270.950	500.00	181.62	90.00	39.40	980.65	1020.05
270.960	500.00	181.62	1.00	34.00	983.00	1017.00
271.140	500.00	181.75	18.00	34.00	983.00	1017.00
271.150	450.00	181.75	1.00	34.00	983.00	1017.00
271.900	450.00	181.90	75.00	43.53	978.23	1021.77
271.910	450.00	181.90	1.00	45.55	977.23	1022.77
272.900	450.00	182.28	100.00	28.39	985.81	1014.19
298.900	450.00	187.86	2600.00	27.59	986.21	1013.79
306.400	65.00	189.33	750.00	25.38	987.31	1012.69
-198.000	2395.00	189.33	.00	155.58	9949.42	10105.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	1090.00	190.56	95.00	57.37	975.00	1032.37
9.000	1090.00	197.26	900.00	56.00	975.00	1031.00
17.000	1090.00	202.78	800.00	54.00	973.00	1027.00
17.550	1090.00	203.13	55.00	54.00	973.00	1027.00
18.300	1090.00	203.63	75.00	54.00	973.00	1027.00
18.790	1090.00	203.94	49.00	50.00	975.00	1025.00
25.000	1090.00	207.11	621.00	32.00	985.00	1017.00
32.000	1090.00	210.25	700.00	36.50	983.00	1019.50
32.550	1090.00	210.49	55.00	36.50	983.00	1019.50
32.700	1090.00	210.56	15.00	36.50	983.00	1019.50
33.000	1090.00	210.68	30.00	35.00	985.00	1020.00
34.000	635.00	211.13	100.00	39.00	985.00	1024.00
34.250	635.00	211.25	25.00	39.00	985.00	1024.00
34.400	635.00	211.32	15.00	39.00	985.00	1024.00
34.750	635.00	211.48	40.00	30.00	985.00	1015.00
43.000	635.00	214.08	825.00	34.03	980.00	1014.03
49.000	635.00	215.76	600.00	34.76	980.27	1015.03
49.900	635.00	216.00	90.00	35.31	980.00	1015.31
50.500	635.00	216.17	60.00	35.54	980.00	1015.54
51.500	635.00	216.43	100.00	45.80	976.00	1021.80
56.500	635.00	217.70	500.00	45.00	975.00	1020.00
66.500	635.00	220.16	1000.00	38.50	983.00	1021.50
69.500	635.00	220.91	300.00	42.00	978.00	1020.00
72.500	635.00	221.67	300.00	30.50	986.50	1017.00
79.500	635.00	223.21	700.00	31.30	979.51	1010.81
-33.000	635.00	223.21	.00	35.00	985.00	1020.00

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	320.00	223.86	195.00	23.00	988.50	1011.50
6.400	320.00	225.82	640.00	31.84	983.66	1015.50
7.100	320.00	225.94	40.00	17.45	991.28	1008.72
7.120	320.00	225.94	2.00	17.36	991.32	1008.68
7.420	320.00	225.98	30.00	17.40	991.30	1008.70
7.450	320.00	225.99	3.00	17.63	991.19	1008.81
7.750	320.00	226.08	30.00	34.45	980.55	1015.00
9.500	320.00	226.65	175.00	35.00	979.00	1014.00
9.780	320.00	226.73	28.00	35.00	980.00	1015.00
9.790	320.00	226.73	1.00	35.00	980.00	1015.00
10.000	320.00	226.76	21.00	35.00	980.00	1015.00
10.010	320.00	226.76	1.00	35.00	980.00	1015.00
10.250	320.00	226.84	24.00	35.00	979.00	1014.00
18.000	320.00	230.09	775.00	35.00	979.00	1014.00
26.000	320.00	233.33	800.00	32.50	981.50	1014.00
31.650	160.00	235.38	565.00	29.50	983.50	1013.00
32.000	160.00	235.50	35.00	29.50	983.50	1013.00
33.150	160.00	235.89	115.00	29.50	983.50	1013.00
33.450	160.00	235.99	30.00	29.06	985.47	1014.53
33.900	160.00	236.16	45.00	80.00	960.00	1040.00
34.350	160.00	236.35	45.00	40.00	980.00	1020.00
39.900	160.00	238.46	555.00	45.00	975.00	1020.00
40.250	160.00	238.61	35.00	51.70	975.00	1026.70
40.800	160.00	238.89	55.00	50.67	975.00	1025.67
41.150	160.00	239.04	35.00	50.00	980.00	1030.00
59.900	160.00	245.84	1875.00	40.00	980.00	1020.00

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 10:29:13

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

C

T1 ALLIGATOR BAYOU WATERSHED STUDY - VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINBCI.H2 -- 100-YEAR STORM -- EXIST. DEV. -- PROP CHAN IMP
 T3 MAIN "B" -- -2' START WSEL IN ALLIGPUM.PRO

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	101.900	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	6.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	30.000	51.000	42.000	5.000	26.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000
	90.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.100	.100	.040	.100	.300	.000	.000	.000	.000	.000
QT	1.000	5005.000	.000	.000	.000	.000	.000	.000	.000	.000
	CONFLUENCE WITH MAIN OUTFALL CHANNEL									
X1	.000	30.000	9892.000	10096.000	.000	.000	.000	.000	.000	100.000
X3	.000	-13.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	.000	9000.000	.000	9864.000	3.000	9872.000	3.000	9892.000	.900	9896.000
GR	-7.300	9912.000	-7.700	9912.800	-14.900	9925.000	-14.000	9932.000	-14.000	9932.800
GR	-14.000	9952.000	-14.000	9952.800	-14.000	9972.000	-14.000	9972.800	-14.000	9992.000
GR	-14.000	9992.800	-14.000	10012.000	-14.000	10012.800	-14.000	10032.000	-14.000	10032.800
GR	-14.000	10052.000	-14.000	10052.800	-14.000	10070.000	-12.900	10072.000	-12.500	10072.800
GR	-.200	10096.000	3.000	10102.000	3.000	10122.000	.000	10128.000	.000	11000.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
	DOWNSTREAM FACE OF HWY 73 BRIDGE									
X1	.680	28.000	9894.000	10202.000	68.000	68.000	68.000	.000	100.000	.000
X3	.000	-13.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	39.000	9870.000	106.500	106.500	9870.000	106.500	106.500	9876.000	110.500	107.000
BT	9876.000	110.500	106.500	9878.000	110.500	105.500	9878.000	110.500	107.000	9904.000
BT	110.500	107.000	9904.000	110.500	96.000	9906.000	110.500	95.000	9906.000	110.500

BT	107.000	9934.000	110.500	107.000	9934.000	110.500	86.000	9936.000	110.500	86.000
BT	9936.000	110.500	107.000	9966.000	110.500	107.000	9966.000	110.500	86.000	9968.000
BT	110.500	86.000	9968.000	110.500	107.000	9996.000	110.500	107.000	9996.000	110.500
BT	86.000	9998.000	110.500	86.000	9998.000	110.500	107.000	10126.000	110.500	107.000
BT	10126.000	110.500	86.000	10128.000	110.500	86.000	10128.000	110.500	107.000	10156.000
BT	110.500	107.000	10156.000	110.500	86.000	10158.000	110.500	86.000	10158.000	110.500
BT	107.000	10187.000	110.500	107.000	10187.000	110.500	94.800	10189.000	110.500	95.800
BT	10189.000	110.500	107.000	10214.000	110.500	107.000	10214.000	110.500	106.000	10216.000
BT	110.500	106.500	10216.000	110.500	107.000	10232.000	110.500	109.500	.000	.000
GR	9.500	9000.000	9.500	9869.000	6.500	9870.000	6.500	9876.000	5.500	9878.000
GR	3.500	9883.000	2.000	9894.000	-4.000	9904.000	-5.000	9906.000	-14.000	9924.000
GR	-14.000	9934.000	-14.000	9936.000	-14.000	9966.000	-14.000	9968.000	-14.000	9996.000
GR	-14.000	9998.000	-14.000	10126.000	-14.000	10128.000	-14.000	10156.000	-14.000	10158.000
GR	-14.000	10170.000	-5.200	10187.000	-4.200	10189.000	3.500	10202.000	3.500	10205.000
GR	6.000	10214.000	6.500	10216.000	9.500	10232.000	.000	.000	.000	.000

UPSTREAM FACE OF HWY 73 BRIDGE

X1	1.440	.000	.000	.000	76.000	76.000	76.000	.000	.200	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	.000	-13.000	.000	.000	.000	.000	.000	.000	.000	.000

PIPELINE CROSSING

X1	2.800	31.000	9892.000	10096.000	280.000	280.000	280.000	.000	100.100	.000
X3	.000	-12.100	.000	.000	.000	.000	.000	.000	.000	.000
BT	21.000	9896.000	102.500	101.000	9912.000	107.000	106.000	9912.000	107.000	92.700
BT	9912.800	107.000	92.700	9912.800	107.000	106.000	9932.000	107.000	106.000	9932.000
BT	107.000	86.100	9932.800	107.000	86.100	9932.800	107.000	106.000	9952.000	107.000
BT	106.000	9952.000	107.000	86.100	9952.800	107.000	86.100	9952.800	107.000	106.000
BT	9972.000	107.000	106.000	9972.000	107.000	86.100	9972.800	107.000	86.100	9972.800
BT	107.000	106.000	9992.000	102.000	100.000	10093.900	102.000	98.800	10096.000	102.000
BT	98.800	10102.000	102.000	98.800	.000	.000	.000	.000	.000	.000
GR	.000	9000.000	.000	9864.000	3.000	9872.000	3.000	9892.000	.900	9896.000
GR	-7.300	9912.000	-7.700	9912.800	-14.900	9925.000	-14.000	9932.000	-14.000	9932.800
GR	-14.000	9952.000	-14.000	9952.800	-14.000	9972.000	-14.000	9972.800	-14.000	9992.000
GR	-14.000	9992.800	-14.000	10012.000	-14.000	10012.800	-14.000	10032.000	-14.000	10032.800
GR	-14.000	10052.000	-14.000	10052.800	-14.000	10070.000	-12.900	10072.000	-12.500	10072.800
GR	-1.300	10093.900	.200	10096.000	3.000	10102.000	3.000	10122.000	.000	10123.000
GR	.000	11000.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	4.800	.000	.000	.000	200.000	200.000	200.000	.000	.200	.000
X3	.000	-12.100	.000	.000	.000	.000	.000	.000	.000	.000

CONFLUENCE OF MAIN "C"

TOP WIDTH CHANGES FROM 200' TO 100'

X1	20.000	20.000	9940.000	10056.000	1520.000	1520.000	1520.000	.000	100.100	.000
X3	.000	-13.900	.000	.000	.000	.000	.000	.000	.000	.000
GR	.000	9800.000	.000	9910.000	3.400	9920.000	2.800	9940.000	1.500	9947.000
GR	-3.000	9952.000	-5.600	9959.000	-13.500	9969.000	-14.600	9979.000	-14.900	9999.000
GR	-15.400	10009.000	-13.600	10029.000	-11.600	10039.000	-8.900	10044.000	-1.300	10047.000
GR	.200	10056.000	3.200	10056.000	3.500	10070.000	.000	10080.000	.000	10200.000

QT	1.000	2315.000	.000	.000	.000	.000	.000	.000	.000	.000
CONFLUENCE OF TRIBUTARY B-1										
X1	134.500	21.000	1019.000	1145.000	2610.000	2610.000	2610.000	.000	100.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.500	1000.000	3.200	1010.000	2.800	1019.000	-.100	1021.000	-2.300	1030.000
GR	-4.100	1040.000	-10.500	1050.000	-10.500	1060.000	-11.000	1070.000	-11.500	1080.000
GR	-11.800	1090.000	-11.500	1100.000	-12.300	1110.000	-11.700	1120.000	-3.300	1130.000
GR	-.300	1140.000	.100	1143.000	3.000	1145.000	3.600	1150.000	4.300	1160.000
GR	4.800	1170.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	138.500	6.000	960.000	1040.000	350.000	400.000	400.000	.000	100.000	.000
X3	.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.930	950.000	3.030	960.000	-11.870	990.000	-11.870	1010.000	3.030	1040.000
GR	3.930	1050.000	.000	.000	.000	.000	.000	.000	.000	.000
DOWNSTREAM FACE OF 9-TH AVENUE BRIDGE										
X1	139.000	.000	.000	.000	50.000	50.000	50.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	.000	1.560	2.600	.000	20.000	.000	706.000	2.000	91.000	91.000
UPSTREAM FACE OF 9-TH AVENUE BRIDGE										
X1	139.360	.000	.000	.000	36.000	36.000	36.000	.000	.000	.000
X2	.000	.000	1.000	103.930	109.430	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	950.000	109.430	103.930	960.000	109.430	103.930	1040.000	109.430	103.930
BT	1050.000	109.430	103.930	.000	.000	.000	.000	.000	.000	.000
X1	139.900	.000	.000	.000	54.000	54.000	54.000	.000	.000	.000
QT	1.000	2020.000	.000	.000	.000	.000	.000	.000	.000	.000
CONFLUENCE OF TRIBUTARY B-2										
X1	155.000	21.000	1019.000	1145.000	1160.000	1760.000	1510.000	.000	102.000	.000
X3	.000	-8.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.500	1000.000	3.200	1010.000	2.800	1019.000	-.100	1021.000	-2.300	1030.000
GR	-4.100	1040.000	-10.500	1050.000	-10.500	1060.000	-11.000	1070.000	-11.500	1080.000
GR	-11.800	1090.000	-11.500	1100.000	-12.300	1110.000	-11.700	1120.000	-3.300	1130.000
GR	-.300	1140.000	.100	1143.000	3.000	1145.000	3.600	1150.000	4.300	1160.000
GR	4.800	1170.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	167.000	.000	.000	.000	2200.000	.100	1200.000	.000	2.000	.000
X3	.000	-7.500	.000	.000	.000	.000	.000	.000	.000	.000
NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
X1	187.000	10.000	971.000	1029.500	2000.000	2000.000	2000.000	.000	100.000	.000
X3	.000	-6.500	.000	.000	.000	.000	.000	.000	.000	.000
GR	3.510	940.000	3.360	965.000	2.610	971.000	.610	975.000	-7.310	991.000
GR	-7.310	1009.000	.710	1025.000	2.910	1029.500	3.410	1035.000	4.010	1060.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	189.000	9.000	969.750	1030.500	110.000	260.000	190.000	.000	100.000	.000
CI	-1.000	-1.000	.040	3.000	3.000	.010	.010	.010	.000	.000
GR	5.410	940.000	5.010	951.000	3.710	969.750	1.010	975.000	-7.010	991.000
GR	-7.010	1009.000	1.210	1025.000	3.910	1030.500	4.190	1060.000	.000	.000

DOWNSTREAM FACE OF GSU BRIDGE

X1	189.350	.000	.000	.000	35.000	35.000	35.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.050	1.560	2.600	.000	18.000	5.000	392.900	2.000	93.000	92.990
----	-------	-------	-------	------	--------	-------	---------	-------	--------	--------

UPSTREAM FACE OF GSU BRIDGE - CONFLUENCE OF LATERAL B-3 TRIBUTARY

X1	189.670	.000	.000	.000	32.000	32.000	32.000	.000	.000	.000
X2	.000	.000	1.000	101.350	107.170	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	5.000	940.000	107.170	107.170	971.000	107.170	103.710	977.000	107.170	101.350
BT	1023.000	107.170	101.350	1030.500	107.170	103.910	1060.000	107.170	107.170	.000

QT	1.000	1500.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	190.820	10.000	963.000	1025.000	140.000	50.000	115.000	.000	100.000	.000
GR	5.810	940.000	5.410	950.000	2.010	963.000	1.010	975.000	-6.900	991.000
GR	-6.900	1009.000	1.110	1025.000	5.010	1033.000	5.510	1035.000	5.610	1045.000

QT	1.000	1400.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	----------	------	------	------	------	------	------	------	------

CONFLUENCE OF LATERAL B-4 TRIBUTARY

X1	197.850	11.000	972.750	1029.250	700.000	700.000	700.000	.000	100.000	.000
GR	3.310	958.000	3.010	972.750	1.810	975.000	-6.210	991.000	-6.210	1009.000
GR	1.910	1025.000	4.010	1029.250	2.510	1035.000	3.010	1055.000	3.610	1060.000
GR	4.210	1065.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	206.850	10.000	970.000	1028.000	900.000	900.000	900.000	.000	100.000	.000
GR	5.210	970.000	2.710	975.000	-5.310	991.000	-5.310	1009.000	2.810	1025.000
GR	4.410	1028.000	4.410	1033.000	3.610	1038.000	4.010	1045.000	5.010	1055.000

X1	213.100	11.000	971.500	1029.000	625.000	625.000	625.000	.000	100.000	.000
GR	6.000	958.000	5.110	971.500	3.360	975.000	-4.690	991.000	-4.690	1009.000
GR	3.310	1025.000	5.310	1029.000	5.610	1031.000	4.910	1045.000	5.110	1056.000
GR	6.110	1065.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	216.350	8.000	972.000	1027.500	325.000	325.000	325.000	.000	100.000	.000
GR	8.810	959.000	8.110	972.000	6.710	975.000	-1.300	991.000	-1.300	1009.000
GR	1.710	1025.000	7.910	1027.500	8.210	1035.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HWY 365 CULVERT

X1	217.050	8.000	969.000	1038.000	70.000	70.000	70.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.480	959.000	6.480	969.000	4.210	976.000	-990	990.000	-990	1020.800
GR	4.610	1037.800	6.480	1038.000	6.480	1040.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	10.500	.500	60.000	.100	107.200	107.200
UPSTREAM FACE OF AVENUE H CULVERT										
X1	256.500	.000	.000	.000	30.000	30.000	30.000	.707	.000	.000
X2	.000	.000	1.000	112.200	113.900	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	980.000	113.900	113.900	993.750	113.900	107.200	993.750	113.900	112.200
BT	1006.300	113.900	112.200	1006.300	113.900	107.200	1020.000	113.900	113.900	.000
X1	256.900	8.000	975.000	1008.000	40.000	40.000	40.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	985.000	7.280	992.500	7.280	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000
X1	261.600	8.000	975.000	1008.000	470.000	470.000	470.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	984.000	8.000	991.500	8.000	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000
DOWNSTREAM FACE OF 13-TH STREET CULVERT										
X1	261.900	6.000	977.750	1022.250	30.000	30.000	30.000	.866	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.550	960.000	14.550	977.750	8.000	987.500	8.000	1012.500	14.550	1022.250
GR	14.550	1040.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	25.000	1.000	120.000	.100	108.000	108.000
UPSTREAM FACE OF 13-TH STREET CULVERT										
X1	262.200	.000	.000	.000	30.000	30.000	30.000	.866	.000	.000
X2	.000	.000	1.000	113.000	114.550	.000	.000	.000	.866	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	977.750	114.550	114.550	987.500	114.550	108.000	987.500	114.550	113.000
BT	1012.500	114.550	113.000	1012.500	114.550	108.000	1022.250	114.550	114.550	.000
X1	262.500	8.000	975.000	1008.000	30.000	30.000	30.000	.000	100.000	.000
GR	11.210	968.000	11.210	975.000	10.580	984.000	8.050	991.500	8.050	1000.500
GR	10.680	1008.000	9.710	1015.000	10.910	1022.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	266.200	10.000	983.000	1012.300	370.000	370.000	370.000	.000	100.000	.000
GR	13.810	978.000	13.810	983.000	13.710	987.800	12.690	989.000	8.190	996.000
GR	8.190	1004.000	12.690	1010.800	13.710	1012.300	14.110	1021.800	14.410	1026.000
DOWNSTREAM FACE OF 12-TH STREET CULVERT										
X1	266.500	6.000	976.000	1024.000	30.000	30.000	30.000	.000	100.000	.000
GR	14.650	960.000	14.650	976.000	8.190	989.000	8.190	1011.000	14.650	1024.000
GR	14.650	1040.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	22.000	2.000	100.000	.100	108.190	108.190
UPSTREAM FACE OF 12-TH STREET CULVERT										
X1	266.750	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X2	.000	.000	1.000	113.190	114.750	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	976.000	114.650	114.650	989.000	114.650	108.190	989.000	114.650	113.190
BT	1011.000	114.650	113.190	1011.000	114.650	108.190	1024.000	114.650	114.650	.000

X1	267.050	10.000	983.000	1012.300	30.000	30.000	30.000	.000	100.000	.000
GR	13.810	978.000	13.810	983.000	13.710	987.800	12.730	989.000	8.230	995.000
GR	8.230	1004.000	12.730	1010.800	13.710	1012.300	14.110	1021.800	14.410	1026.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	270.050	8.000	989.000	1011.000	300.000	300.000	300.000	.000	100.000	.000
GR	13.910	978.500	13.560	988.000	12.960	989.000	8.510	996.000	8.510	1004.000
GR	13.010	1011.000	13.910	1012.500	14.310	1017.000	.000	.000	.000	.000
QT	1.000	370.000	.000	.000	.000	.000	.000	.000	.000	.000
DOWNSTREAM FACE OF HWY 347 CULVERT										
X1	270.350	8.000	978.000	1025.000	30.000	30.000	30.000	.845	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	14.700	970.000	14.700	975.000	12.910	978.000	6.910	987.000	6.910	1014.000
GR	14.200	1025.000	14.200	1029.000	14.700	1040.000	.000	.000	.000	.000
SB	1.250	1.570	2.600	.000	28.400	1.750	100.000	.100	107.210	106.910
UPSTREAM FACE OF HWY 347 CULVERT										
X1	271.650	.000	.000	.000	130.000	130.000	130.000	.845	.000	.000
X2	.000	.000	1.000	111.910	114.700	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	978.000	114.700	112.910	987.000	114.700	111.910	1014.000	114.700	111.910
BT	1025.000	114.700	114.200	.000	.000	.000	.000	.000	.000	.000
X1	271.850	8.000	983.000	1017.000	20.000	20.000	20.000	.000	100.000	.000
GR	14.500	970.000	14.900	983.000	13.740	984.700	8.540	992.500	8.540	1007.500
GR	13.710	1015.300	14.900	1017.000	14.500	1030.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	271.860	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
DOWNSTREAM FACE OF KCS RR BRIDGE										
X1	272.000	8.000	988.000	1011.000	14.000	14.000	14.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	16.710	980.000	13.410	984.500	13.710	988.000	8.540	995.000	8.540	1005.000
GR	14.710	1011.000	16.310	1014.000	16.710	1016.500	.000	.000	.000	.000
SB	1.050	1.560	2.600	.000	10.000	3.000	150.900	1.500	108.540	108.540
UPSTREAM FACE OF KCS RR BRIDGE										
X1	272.100	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	1.000	116.710	119.010	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	4.000	980.000	119.010	116.710	988.000	119.010	116.710	1011.000	119.010	116.710
BT	1016.500	119.010	116.710	.000	.000	.000	.000	.000	.000	.000
X1	272.400	8.000	975.500	1006.000	30.000	30.000	30.000	.000	100.000	.000
GR	14.010	975.000	14.010	975.500	12.510	980.000	8.600	986.000	8.600	994.000
GR	12.610	1000.000	13.210	1001.300	14.510	1006.000	.000	.000	.000	.000

THIS RUN EXECUTED 04/10/90 10:40:14

```

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

```

```

T1 ALLIGATOR BAYOU WATERSHED STUDY - VANSICKLE, MICKELSON & KLEIN JULY 1989
T2 FILENAME: MAINBCI.H2 -- 100-YEAR STORM -- EXIST. DEV. -- PROP CHAN IMP
T3 MAIN "B" -- -1' START WSEL IN ALLIGPUM.PRO

```

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	102.200	.000
J2	NPRDF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	6.000	.000	.000

THIS RUN EXECUTED 04/10/90 10:42:41

```

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

```

```

T1 ALLIGATOR BAYOU WATERSHED STUDY - VANSICKLE, MICKELSON & KLEIN JULY 1989
T2 FILENAME: MAINBCI.H2 -- 100-YEAR STORM -- EXIST. DEV. -- PROP CHAN IMP
T3 MAIN "B" -- 0' START WSEL IN ALLIGPUM.PRO

```

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	102.800	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	6.000	.000	.000

THIS RUN EXECUTED 04/10/90 10:45:09

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

T1 ALLIGATOR BAYOU WATERSHED STUDY - VANSICKLE, MICKELSON & KLEIN JULY 1989
 T2 FILENAME: MAINBCI.H2 -- 100-YEAR STORM -- EXIST. DEV. -- PROP CHAN IMP
 T3 MAIN "B" -- +1' START WSEL IN ALLIGPUM.PRO

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	103.600	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	6.000	.000	.000

THIS RUN EXECUTED 04/10/90 10:47:37

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

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

MAIN "B" -- -2' START WS

SUMMARY PRINTOUT

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K*S	VCH	HV	Q	QLOB	QCH	QROB
.000	101.90	.01	.00	87.00	.68	1.66	.04	5005.00	309.32	4383.17	312.51
.000	102.20	.01	.00	87.00	.60	1.58	.03	5005.00	370.35	4260.43	374.22
.000	102.80	.01	.00	87.00	.47	1.43	.03	5005.00	487.77	4024.26	492.97
.000	103.60	.01	.00	87.00	.33	1.26	.02	5005.00	629.16	3739.71	636.13
.680	101.92	.01	.02	87.00	.68	1.26	.02	5005.00	.00	5005.00	.00
.680	102.22	.01	.02	87.00	.64	1.24	.02	5005.00	.00	5005.00	.00
.680	102.81	.01	.01	87.00	.57	1.18	.02	5005.00	.14	5004.86	.00
.680	103.60	.01	.00	87.00	.49	1.12	.02	5005.00	.87	5004.12	.01
1.440	101.93	.01	.00	87.20	.70	1.28	.03	5005.00	.00	5005.00	.00
1.440	102.22	.01	.00	87.20	.66	1.25	.02	5005.00	.00	5005.00	.00
1.440	102.81	.01	.00	87.20	.59	1.20	.02	5005.00	.07	5004.93	.00
1.440	103.61	.01	.00	87.20	.51	1.14	.02	5005.00	.60	5004.40	.00
2.800	101.95	.01	.03	88.00	2.56	1.78	.04	5005.00	570.35	3859.29	575.36
2.800	102.25	.01	.03	88.00	2.66	1.58	.03	5005.00	748.11	3502.17	754.72
2.800	102.85	.01	.03	88.00	1.86	1.34	.02	5005.00	937.35	3121.69	945.96
2.800	103.64	.01	.03	88.00	1.18	1.09	.01	5005.00	1144.23	2705.44	1155.34
4.800	101.98	.01	.02	88.20	.88	1.81	.04	5005.00	288.46	4425.28	291.26
4.800	102.27	.01	.02	88.20	.77	1.71	.04	5005.00	352.24	4297.06	355.71
4.800	102.86	.01	.01	88.20	.59	1.54	.03	5005.00	475.13	4049.93	479.94
4.800	103.65	.01	.01	88.20	.42	1.35	.02	5005.00	625.58	3747.24	632.18
20.000	102.15	.01	.17	86.20	3.55	3.47	.18	5005.00	102.39	4791.00	111.61
20.000	102.42	.01	.15	86.20	3.31	3.37	.17	5005.00	121.65	4750.78	132.58
20.000	102.97	.01	.11	86.20	2.85	3.17	.15	5005.00	161.08	4668.41	175.51
20.000	103.72	.01	.07	86.20	2.26	2.92	.12	5005.00	213.05	4561.30	230.66
59.000	103.19	45.00	1.04	87.00	1.39	2.12	.07	3385.00	.00	3385.00	.00
59.000	103.39	45.00	.97	87.00	1.31	2.09	.07	3385.00	.03	3384.97	.00
59.000	103.82	45.00	.85	87.00	1.16	2.01	.06	3385.00	.47	3384.53	.00
59.000	104.41	45.00	.69	87.00	1.00	1.92	.06	3385.00	1.53	3383.47	.00

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K*5	VCH	HV	Q	QLOB	QLH	QROB
60.000	103.20	45.00	.01	87.03	1.59	2.23	.08	3385.00	.04	3384.96	.00
60.000	103.40	45.00	.01	87.03	1.50	2.19	.07	3385.00	.07	3384.93	.00
60.000	103.83	45.00	.01	87.03	1.34	2.11	.07	3385.00	.14	3384.66	.00
60.000	104.42	45.00	.01	87.03	1.15	2.00	.06	3385.00	.24	3384.76	.00
84.300	103.61	45.00	.41	87.79	1.63	2.27	.08	3385.00	.00	3383.57	1.43
84.300	103.79	45.00	.38	87.79	1.54	2.23	.08	3385.00	.02	3383.09	1.89
84.300	104.17	45.00	.34	87.79	1.37	2.16	.07	3385.00	.41	3381.53	3.05
84.300	104.71	45.00	.29	87.79	1.18	2.06	.07	3385.00	1.36	3378.60	5.04
88.300	103.71	45.00	.11	87.91	4.59	2.24	.08	3385.00	.00	3385.00	.00
88.300	103.89	45.00	.10	87.91	4.59	2.24	.08	3385.00	.00	3385.00	.00
88.300	104.26	45.00	.09	87.91	4.59	2.24	.08	3385.00	.00	3385.00	.00
88.300	104.79	45.00	.08	87.91	4.59	2.24	.08	3385.00	.00	3385.00	.00
89.000	103.74	45.00	.03	87.93	1.43	2.10	.07	3385.00	.00	3385.00	.00
89.000	103.92	45.00	.03	87.93	1.40	2.06	.07	3385.00	.00	3385.00	.00
89.000	104.29	45.00	.04	87.93	1.33	1.99	.06	3385.00	.00	3385.00	.00
89.000	104.83	45.00	.04	87.93	1.15	1.89	.06	3385.00	.04	3384.83	.14
90.000	103.75	45.00	.01	87.96	1.55	2.22	.08	3385.00	.78	3384.22	.00
90.000	103.93	45.00	.01	87.96	1.47	2.18	.07	3385.00	1.26	3383.73	.00
90.000	104.30	45.00	.01	87.96	1.31	2.11	.07	3385.00	2.49	3382.37	.14
90.000	104.84	45.00	.01	87.96	1.13	2.02	.06	3385.00	4.54	3379.41	1.05
107.000	104.02	45.00	.27	88.47	1.71	2.32	.08	3385.00	2.03	3382.69	.08
107.000	104.18	45.00	.26	88.47	1.62	2.28	.08	3385.00	2.72	3382.07	.21
107.000	104.53	45.00	.23	88.47	1.46	2.21	.08	3385.00	4.32	3379.90	.78
107.000	105.04	45.00	.20	88.47	1.26	2.11	.07	3385.00	6.80	3375.73	2.47
107.500	104.03	45.00	.01	88.49	1.86	2.38	.09	3385.00	.08	3384.92	.00
107.500	104.19	45.00	.01	88.49	1.77	2.34	.09	3385.00	.09	3384.91	.00
107.500	104.54	45.00	.01	88.49	1.60	2.27	.08	3385.00	.14	3384.66	.00
107.500	105.04	45.00	.00	88.49	1.39	2.17	.07	3385.00	.21	3384.79	.00
107.860	104.03	45.00	.00	88.50	1.86	2.38	.09	3385.00	.08	3384.92	.00
107.860	104.19	45.00	.00	88.50	1.78	2.34	.09	3385.00	.10	3384.90	.00
107.860	104.54	45.00	.00	88.50	1.61	2.27	.08	3385.00	.14	3384.66	.00
107.860	105.04	45.00	.00	88.50	1.39	2.17	.07	3385.00	.21	3384.79	.00
108.400	104.06	45.00	.02	88.53	1.70	2.32	.08	3385.00	2.24	3382.64	.13
108.400	104.22	45.00	.02	88.53	1.62	2.28	.08	3385.00	2.92	3381.81	.27
108.400	104.56	45.00	.02	88.53	1.46	2.21	.08	3385.00	4.52	3379.59	.89
108.400	105.06	45.00	.02	88.53	1.26	2.12	.07	3385.00	7.04	3375.31	2.65
134.500	104.42	45.00	.36	89.31	.76	1.59	.04	2315.00	3.46	2310.62	.93
134.500	104.57	45.00	.35	89.31	.73	1.57	.04	2315.00	4.05	2309.69	1.27
134.500	104.88	45.00	.32	89.31	.66	1.52	.04	2315.00	5.38	2307.40	2.22
134.500	105.34	45.00	.28	89.31	.58	1.46	.03	2315.00	7.41	2303.48	4.11

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K*S	VCH	HV	Q	QLOB	QCH	QROB
138.500	104.45	45.00	.03	89.43	1.52	2.12	.07	2315.00	.00	2315.00	.00
138.500	104.59	45.00	.02	89.43	1.46	2.10	.07	2315.00	.00	2315.00	.00
138.500	104.90	45.00	.02	89.43	1.33	2.04	.06	2315.00	.00	2315.00	.00
138.500	105.36	45.00	.02	89.43	1.18	1.96	.06	2315.00	.00	2315.00	.00
139.000	104.45	45.00	.01	89.44	1.52	2.13	.07	2315.00	.00	2315.00	.00
139.000	104.60	45.00	.01	89.44	1.46	2.10	.07	2315.00	.00	2315.00	.00
139.000	104.91	45.00	.01	89.44	1.34	2.04	.06	2315.00	.00	2315.00	.00
139.000	105.37	45.00	.01	89.44	1.18	1.96	.06	2315.00	.00	2315.00	.00
139.360	104.46	45.00	.01	89.45	2.85	2.19	.07	2315.00	.00	2315.00	.00
139.360	104.60	45.00	.00	89.45	2.80	2.17	.07	2315.00	.00	2315.00	.00
139.360	104.91	45.00	.00	89.45	2.68	2.15	.07	2315.00	.00	2315.00	.00
139.360	105.37	45.00	.00	89.45	2.53	2.11	.07	2315.00	.00	2315.00	.00
139.900	104.48	45.00	.02	89.47	1.52	2.13	.07	2315.00	.00	2315.00	.00
139.900	104.62	45.00	.02	89.47	1.46	2.10	.07	2315.00	.00	2315.00	.00
139.900	104.93	45.00	.02	89.47	1.34	2.04	.06	2315.00	.00	2315.00	.00
139.900	105.39	45.00	.02	89.47	1.18	1.97	.06	2315.00	.00	2315.00	.00
155.000	104.69	45.00	.21	89.92	.82	1.52	.04	2020.00	.00	2020.00	.00
155.000	104.83	45.00	.21	89.92	.79	1.50	.03	2020.00	.00	2020.00	.00
155.000	105.12	45.00	.19	89.92	.73	1.45	.03	2020.00	.00	2020.00	.00
155.000	105.56	45.00	.17	89.92	.64	1.39	.03	2020.00	.22	2019.78	.00
167.000	104.79	45.00	.10	90.28	.90	1.57	.04	2020.00	.00	2020.00	.00
167.000	104.92	45.00	.10	90.28	.87	1.55	.04	2020.00	.00	2020.00	.00
167.000	105.21	45.00	.09	90.28	.80	1.51	.04	2020.00	.00	2020.00	.00
167.000	105.64	45.00	.08	90.28	.72	1.44	.03	2020.00	.00	2020.00	.00
187.000	105.00	45.00	.21	90.88	1.46	2.03	.06	2020.00	.00	2020.00	.00
187.000	105.13	45.00	.21	90.88	1.41	2.01	.06	2020.00	.00	2020.00	.00
187.000	105.40	45.00	.19	90.88	1.30	1.96	.06	2020.00	.00	2020.00	.00
187.000	105.81	45.00	.17	90.88	1.16	1.89	.06	2020.00	.00	2020.00	.00
189.000	104.96	.01	-.04	92.99	8.05	4.05	.25	2020.00	3.50	2005.95	10.54
189.000	105.09	.01	-.04	92.99	7.62	3.98	.24	2020.00	4.56	2002.75	12.69
189.000	105.37	.01	-.04	92.99	6.78	3.84	.23	2020.00	7.54	1994.87	17.59
189.000	105.78	.01	-.03	92.99	5.73	3.64	.20	2020.00	13.37	1981.47	25.16
189.350	105.00	.01	.03	92.99	7.97	4.03	.25	2020.00	3.66	2005.41	10.93
189.350	105.12	.01	.03	92.99	7.55	3.97	.24	2020.00	4.78	2002.15	13.07
189.350	105.39	.01	.03	92.99	6.73	3.83	.22	2020.00	7.78	1994.28	17.95
189.350	105.80	.01	.02	92.99	5.70	3.63	.20	2020.00	13.56	1981.06	25.39
189.670	105.41	.01	.42	92.99	6.65	3.81	.22	2020.00	8.11	1993.45	18.44
189.670	105.55	.01	.43	92.99	6.30	3.75	.21	2020.00	9.93	1989.19	20.88
189.670	105.83	.01	.44	92.99	5.59	3.61	.20	2020.00	14.28	1979.48	26.24
189.670	106.26	.01	.46	92.99	4.72	3.42	.18	2020.00	21.30	1964.53	34.16

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K#S	VCH	HV	Q	QLDB	QCH	QROB
190.820	105.61	.01	.20	93.10	3.15	2.71	.11	1500.00	9.79	1480.75	9.45
190.820	105.73	.01	.19	93.10	3.00	2.67	.11	1500.00	10.69	1479.15	10.16
190.820	106.00	.01	.17	93.10	2.70	2.58	.10	1500.00	12.90	1475.18	11.91
190.820	106.41	.01	.15	93.10	2.32	2.46	.09	1500.00	16.55	1468.62	14.83
197.850	105.84	.01	.23	93.79	3.25	2.70	.11	1400.00	18.39	1329.79	51.82
197.850	105.95	.01	.22	93.79	3.10	2.65	.10	1400.00	19.16	1326.83	54.01
197.850	106.20	.01	.20	93.79	2.80	2.57	.10	1400.00	20.80	1320.50	58.70
197.850	106.58	.01	.17	93.79	2.41	2.45	.09	1400.00	23.12	1311.37	65.51
206.850	106.17	.01	.33	94.69	4.52	2.96	.13	1400.00	.00	1374.24	25.76
206.850	106.27	.01	.31	94.69	4.34	2.92	.13	1400.00	.00	1372.69	27.31
206.850	106.49	.01	.28	94.69	3.97	2.84	.12	1400.00	.00	1369.25	30.75
206.850	106.83	.01	.25	94.69	3.47	2.72	.11	1400.00	.00	1364.06	35.94
213.100	106.46	.01	.29	95.31	5.03	3.10	.15	1400.00	3.73	1380.24	16.04
213.100	106.55	.01	.28	95.31	4.84	3.06	.14	1400.00	4.24	1378.13	17.63
213.100	106.74	.01	.26	95.31	4.42	2.97	.13	1400.00	5.42	1373.31	21.27
213.100	107.05	.01	.22	95.31	3.86	2.85	.12	1400.00	7.32	1365.63	27.06
216.350	106.64	.01	.18	98.70	14.95	4.46	.31	1400.00	.00	1400.00	.00
216.350	106.72	.01	.17	98.70	14.40	4.40	.30	1400.00	.00	1400.00	.00
216.350	106.90	.01	.16	98.70	13.26	4.28	.28	1400.00	.00	1400.00	.00
216.350	107.18	.01	.13	98.70	11.72	4.09	.26	1400.00	.00	1400.00	.00
217.050	106.89	.01	.25	99.01	8.16	3.38	.18	1400.00	.93	1398.90	.17
217.050	106.96	.01	.24	99.01	7.84	3.34	.17	1400.00	1.19	1398.60	.21
217.050	107.12	.01	.22	99.01	7.17	3.25	.16	1400.00	1.83	1397.65	.32
217.050	107.38	.01	.20	99.01	6.24	3.12	.15	1400.00	2.97	1396.54	.49
217.650	107.74	.01	.85	99.05	5.32	2.97	.14	1400.00	4.41	1394.89	.69
217.650	107.78	.01	.82	99.05	5.20	2.95	.13	1400.00	4.62	1394.65	.72
217.650	107.89	.01	.76	99.05	4.95	2.90	.13	1400.00	5.11	1394.11	.79
217.650	108.05	.01	.67	99.05	4.57	2.83	.12	1400.00	5.88	1393.24	.88
218.350	107.62	.01	-.12	99.77	25.28	5.80	.51	1400.00	11.62	1364.58	23.80
218.350	107.67	.01	-.11	99.77	24.57	5.75	.50	1400.00	12.36	1363.30	24.33
218.350	107.78	.01	-.11	99.77	23.06	5.63	.48	1400.00	14.06	1360.41	25.52
218.350	107.95	.01	-.10	99.77	20.89	5.46	.45	1400.00	16.79	1355.88	27.33
225.650	109.35	.01	1.73	101.02	22.46	5.92	.53	1400.00	14.76	1357.57	27.67
225.650	109.36	.01	1.70	101.02	22.30	5.90	.52	1400.00	15.03	1357.13	27.84
225.650	109.40	.01	1.62	101.02	21.91	5.87	.52	1400.00	15.68	1356.07	28.25
225.650	109.46	.01	1.51	101.02	21.24	5.81	.51	1400.00	16.85	1354.19	28.96
233.000	110.95	.01	1.60	102.16	10.57	3.67	.21	895.00	.00	890.34	4.66
233.000	110.96	.01	1.59	102.16	10.55	3.67	.21	895.00	.00	890.30	4.70
233.000	110.97	.01	1.57	102.16	10.48	3.66	.21	895.00	.00	890.21	4.79
233.000	110.99	.01	1.54	102.16	10.34	3.65	.21	895.00	.00	890.02	4.98

SECNO	CASEL	BW	DIFWSX	ELMIN	10K*5	VCH	HV	Q	QLOB	QCH	QROB
234.000	111.04	.01	.08	102.61	20.47	4.59	.33	895.00	.00	892.29	2.71
234.000	111.04	.01	.08	102.61	20.41	4.59	.33	895.00	.00	892.26	2.74
234.000	111.05	.01	.08	102.61	20.27	4.58	.32	895.00	.00	892.20	2.80
234.000	111.07	.01	.08	102.61	20.04	4.56	.32	895.00	.00	892.10	2.90
237.000	111.69	.01	.65	103.60	25.14	4.93	.38	895.00	.00	893.68	1.32
237.000	111.69	.01	.65	103.60	25.09	4.93	.38	895.00	.00	893.67	1.33
237.000	111.70	.01	.65	103.60	24.98	4.92	.38	895.00	.00	893.64	1.36
237.000	111.71	.01	.64	103.60	24.78	4.91	.37	895.00	.00	893.60	1.40
237.600	111.89	.01	.20	103.80	21.85	4.68	.34	895.00	2.39	883.17	9.44
237.600	111.89	.01	.20	103.80	21.81	4.67	.33	895.00	2.40	883.14	9.46
237.600	111.90	.01	.19	103.80	21.71	4.67	.33	895.00	2.43	883.08	9.49
237.600	111.91	.01	.19	103.80	21.54	4.65	.33	895.00	2.48	882.96	9.56
245.200	113.46	.01	1.58	105.47	18.74	4.56	.30	895.00	14.48	837.13	43.39
245.200	113.46	.01	1.57	105.47	18.73	4.56	.30	895.00	14.48	837.13	43.40
245.200	113.47	.01	1.57	105.47	18.72	4.56	.30	895.00	14.48	837.11	43.40
245.200	113.47	.01	1.56	105.47	18.69	4.56	.30	895.00	14.49	837.09	43.42
245.700	113.55	.01	.09	105.58	20.29	4.74	.32	895.00	16.03	817.04	61.93
245.700	113.55	.01	.09	105.58	20.28	4.74	.32	895.00	16.04	817.03	61.93
245.700	113.55	.01	.09	105.58	20.27	4.74	.32	895.00	16.04	817.02	61.94
245.700	113.56	.01	.09	105.58	20.24	4.74	.32	895.00	16.05	817.00	61.95
255.700	114.89	.01	1.34	107.18	5.00	2.60	.09	565.00	15.38	497.61	52.01
255.700	114.89	.01	1.34	107.18	5.00	2.60	.09	565.00	15.38	497.61	52.01
255.700	114.89	.01	1.34	107.18	5.00	2.60	.09	565.00	15.38	497.61	52.01
255.700	114.90	.01	1.34	107.18	5.00	2.60	.09	565.00	15.38	497.61	52.01
256.200	114.92	.01	.02	107.20	5.44	2.54	.10	565.00	6.91	551.19	6.91
256.200	114.92	.01	.02	107.20	5.44	2.54	.10	565.00	6.91	551.19	6.91
256.200	114.92	.01	.02	107.20	5.43	2.54	.10	565.00	6.91	551.18	6.91
256.200	114.92	.01	.02	107.20	5.43	2.54	.10	565.00	6.92	551.16	6.92
256.500	115.51	.01	.59	107.20	8.03	3.18	.15	565.00	12.29	540.41	12.29
256.500	115.51	.01	.59	107.20	8.03	3.18	.15	565.00	12.30	540.41	12.30
256.500	115.51	.01	.59	107.20	8.03	3.18	.15	565.00	12.30	540.40	12.30
256.500	115.51	.01	.59	107.20	8.03	3.18	.15	565.00	12.30	540.39	12.30
256.900	115.63	.01	.12	107.28	3.37	2.31	.07	565.00	16.42	494.80	53.77
256.900	115.63	.01	.12	107.28	3.37	2.31	.07	565.00	16.42	494.80	53.77
256.900	115.63	.01	.12	107.28	3.37	2.31	.07	565.00	16.42	494.80	53.77
256.900	115.63	.01	.12	107.28	3.37	2.31	.07	565.00	16.42	494.80	53.77
261.600	115.79	.01	.16	108.00	3.41	2.32	.07	565.00	17.36	491.08	56.56
261.600	115.79	.01	.16	108.00	3.41	2.32	.07	565.00	17.36	491.08	56.56
261.600	115.79	.01	.16	108.00	3.41	2.32	.07	565.00	17.36	491.08	56.56
261.600	115.79	.01	.16	108.00	3.41	2.32	.07	565.00	17.36	491.08	56.56

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K*S	VCH	HV	Q	GLOB	QCH	QROB
261.900	115.80	.01	.01	108.00	3.61	2.25	.08	565.00	5.99	553.02	5.99
261.900	115.80	.01	.01	108.00	3.61	2.25	.08	565.00	5.99	553.02	5.99
261.900	115.80	.01	.01	108.00	3.61	2.25	.08	565.00	5.99	553.01	5.99
261.900	115.80	.01	.01	108.00	3.61	2.25	.08	565.00	6.00	553.01	6.00
262.200	115.98	.01	.18	108.00	4.52	2.52	.10	565.00	7.17	550.67	7.17
262.200	115.98	.01	.18	108.00	4.52	2.52	.10	565.00	7.17	550.67	7.17
262.200	115.98	.01	.18	108.00	4.52	2.52	.10	565.00	7.17	550.66	7.17
262.200	115.98	.01	.18	108.00	4.52	2.52	.10	565.00	7.17	550.66	7.17
262.500	116.03	.01	.05	108.05	3.04	2.25	.07	565.00	17.61	490.37	57.02
262.500	116.03	.01	.05	108.05	3.04	2.25	.07	565.00	17.61	490.37	57.02
262.500	116.03	.01	.05	108.05	3.04	2.25	.07	565.00	17.61	490.37	57.02
262.500	116.03	.01	.05	108.05	3.04	2.25	.07	565.00	17.61	490.37	57.02
266.200	116.17	.01	.14	108.19	9.30	3.30	.16	565.00	7.33	536.50	21.18
266.200	116.17	.01	.14	108.19	9.30	3.30	.16	565.00	7.33	536.50	21.18
266.200	116.17	.01	.14	108.19	9.29	3.30	.16	565.00	7.33	536.49	21.18
266.200	116.17	.01	.14	108.19	9.29	3.30	.16	565.00	7.33	536.49	21.18
266.500	116.32	.01	.16	108.19	2.13	1.79	.05	565.00	7.68	549.65	7.68
266.500	116.32	.01	.16	108.19	2.13	1.79	.05	565.00	7.68	549.65	7.68
266.500	116.32	.01	.16	108.19	2.13	1.79	.05	565.00	7.68	549.64	7.68
266.500	116.33	.01	.16	108.19	2.13	1.79	.05	565.00	7.68	549.64	7.68
266.750	116.61	.01	.28	108.19	1.83	1.71	.04	565.00	9.13	546.75	9.13
266.750	116.61	.01	.28	108.19	1.83	1.71	.04	565.00	9.13	546.74	9.13
266.750	116.61	.01	.28	108.19	1.83	1.71	.04	565.00	9.13	546.74	9.13
266.750	116.61	.01	.28	108.19	1.83	1.71	.04	565.00	9.13	546.74	9.13
267.050	116.57	.01	-.04	108.23	7.36	3.07	.14	565.00	8.17	532.07	24.75
267.050	116.57	.01	-.04	108.23	7.36	3.07	.14	565.00	8.17	532.07	24.75
267.050	116.57	.01	-.04	108.23	7.36	3.07	.14	565.00	8.17	532.07	24.76
267.050	116.57	.01	-.04	108.23	7.36	3.07	.14	565.00	8.18	532.07	24.76
270.050	116.78	.01	.21	108.51	7.98	3.51	.18	565.00	24.49	529.06	11.45
270.050	116.78	.01	.21	108.51	7.98	3.51	.18	565.00	24.49	529.06	11.45
270.050	116.78	.01	.21	108.51	7.98	3.51	.18	565.00	24.49	529.06	11.45
270.050	116.78	.01	.21	108.51	7.98	3.51	.18	565.00	24.49	529.06	11.45
270.350	117.00	.01	.22	106.91	.52	1.05	.02	370.00	3.00	360.91	6.09
270.350	117.00	.01	.22	106.91	.52	1.05	.02	370.00	3.00	360.91	6.09
270.350	117.00	.01	.22	106.91	.52	1.05	.02	370.00	3.00	360.91	6.09
270.350	117.00	.01	.22	106.91	.52	1.05	.02	370.00	3.00	360.91	6.09
271.650	117.08	.01	.08	106.91	.74	1.23	.02	370.00	3.03	360.63	6.34
271.650	117.08	.01	.08	106.91	.74	1.23	.02	370.00	3.03	360.63	6.34
271.650	117.08	.01	.08	106.91	.74	1.23	.02	370.00	3.03	360.63	6.34
271.650	117.08	.01	.08	106.91	.74	1.23	.02	370.00	3.03	360.63	6.34

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K*5	VCH	HV	Q	QLOB	QCH	QrOB
271.850	117.08	.01	.00	108.54	1.52	1.53	.03	370.00	8.98	352.03	8.98
271.850	117.08	.01	.00	108.54	1.52	1.53	.03	370.00	8.98	352.03	8.98
271.850	117.08	.01	.00	108.54	1.52	1.53	.03	370.00	8.99	352.03	8.99
271.850	117.08	.01	.00	108.54	1.52	1.53	.03	370.00	8.99	352.03	8.99
271.860	117.08	.01	.00	108.54	1.53	1.53	.03	370.00	8.97	352.07	8.97
271.860	117.08	.01	.00	108.54	1.53	1.53	.03	370.00	8.97	352.06	8.97
271.860	117.08	.01	.00	108.54	1.53	1.53	.03	370.00	8.97	352.06	8.97
271.860	117.08	.01	.00	108.54	1.53	1.53	.03	370.00	8.97	352.06	8.97
272.000	117.06	.01	-.02	108.54	3.44	2.24	.08	370.00	11.12	357.04	1.84
272.000	117.06	.01	-.02	108.54	3.44	2.24	.08	370.00	11.12	357.04	1.84
272.000	117.06	.01	-.02	108.54	3.44	2.24	.08	370.00	11.12	357.04	1.84
272.000	117.06	.01	-.02	108.54	3.44	2.24	.08	370.00	11.12	357.04	1.84
272.100	117.13	.01	.07	108.54	3.33	2.21	.07	370.00	11.32	356.72	1.96
272.100	117.13	.01	.07	108.54	3.33	2.21	.07	370.00	11.32	356.72	1.96
272.100	117.13	.01	.07	108.54	3.33	2.21	.07	370.00	11.32	356.72	1.96
272.100	117.13	.01	.07	108.54	3.33	2.21	.07	370.00	11.32	356.72	1.96
272.400	117.16	.01	.03	108.60	3.23	1.99	.06	370.00	.24	369.76	.00
272.400	117.16	.01	.03	108.60	3.23	1.99	.06	370.00	.24	369.76	.00
272.400	117.16	.01	.03	108.60	3.23	1.99	.06	370.00	.24	369.76	.00
272.400	117.16	.01	.03	108.60	3.23	1.99	.06	370.00	.24	369.76	.00
284.100	117.46	.01	.30	109.65	.95	1.03	.02	170.00	.00	159.87	10.13
284.100	117.46	.01	.30	109.65	.95	1.03	.02	170.00	.00	159.87	10.13
284.100	117.46	.01	.30	109.65	.95	1.03	.02	170.00	.00	159.87	10.13
284.100	117.46	.01	.30	109.65	.95	1.03	.02	170.00	.00	159.87	10.13
284.600	117.46	.01	.01	109.65	.78	.98	.01	170.00	1.42	167.16	1.42
284.600	117.46	.01	.01	109.65	.78	.98	.01	170.00	1.42	167.16	1.42
284.600	117.46	.01	.01	109.65	.78	.98	.01	170.00	1.42	167.16	1.42
284.600	117.46	.01	.01	109.65	.78	.98	.01	170.00	1.42	167.16	1.42
284.900	117.54	.01	.08	109.65	.75	.97	.01	170.00	1.49	167.02	1.49
284.900	117.54	.01	.08	109.65	.75	.97	.01	170.00	1.49	167.02	1.49
284.900	117.54	.01	.08	109.65	.75	.97	.01	170.00	1.49	167.02	1.49
284.900	117.54	.01	.08	109.65	.75	.97	.01	170.00	1.49	167.02	1.49
285.200	117.54	.01	.00	109.65	.91	1.01	.02	170.00	.00	159.64	10.36
285.200	117.54	.01	.00	109.65	.91	1.01	.02	170.00	.00	159.64	10.36
285.200	117.54	.01	.00	109.65	.91	1.01	.02	170.00	.00	159.64	10.36
285.200	117.54	.01	.00	109.65	.91	1.01	.02	170.00	.00	159.64	10.36
294.400	117.65	.01	.10	110.70	1.65	1.34	.03	170.00	1.89	163.45	4.67
294.400	117.65	.01	.10	110.70	1.65	1.34	.03	170.00	1.89	163.45	4.67
294.400	117.65	.01	.10	110.70	1.65	1.34	.03	170.00	1.89	163.45	4.67
294.400	117.65	.01	.10	110.70	1.65	1.34	.03	170.00	1.89	163.45	4.67

SECNO	CWSEL	BW	DIFWSX	ELMIN	10K*9	VCH	HV	Q	QLOB	QCH	QROB
294.700	117.66	.01	.01	110.70	1.49	1.16	.02	170.00	.00	170.00	.00
294.700	117.66	.01	.01	110.70	1.49	1.16	.02	170.00	.00	170.00	.00
294.700	117.66	.01	.01	110.70	1.49	1.16	.02	170.00	.00	170.00	.00
294.700	117.66	.01	.01	110.70	1.49	1.16	.02	170.00	.00	170.00	.00
295.000	117.92	.01	.26	110.70	1.27	1.09	.02	170.00	.00	170.00	.00
295.000	117.92	.01	.26	110.70	1.27	1.09	.02	170.00	.00	170.00	.00
295.000	117.92	.01	.26	110.70	1.27	1.09	.02	170.00	.00	170.00	.00
295.000	117.92	.01	.26	110.70	1.27	1.09	.02	170.00	.00	170.00	.00
295.800	117.93	.01	.01	110.75	1.39	1.27	.02	170.00	2.19	162.52	5.29
295.800	117.93	.01	.01	110.75	1.39	1.27	.02	170.00	2.19	162.52	5.29
295.800	117.93	.01	.01	110.75	1.39	1.27	.02	170.00	2.19	162.52	5.29
295.800	117.93	.01	.01	110.75	1.39	1.27	.02	170.00	2.19	162.52	5.29

MAIN "B" -- -2' START WS

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
.000	5005.00	.00	.00	1950.71	9000.00	11000.00	.00
.000	5005.00	.00	.00	1953.24	9000.00	11000.00	.00
.000	5005.00	.00	.00	1958.31	9000.00	11000.00	.00
.000	5005.00	.00	.00	2000.00	9000.00	11000.00	.00
.680	5005.00	7.73	68.00	305.18	9894.14	10199.32	.00
.680	5005.00	8.26	68.00	307.36	9892.46	10199.82	.00
.680	5005.00	9.31	68.00	312.71	9868.11	10200.82	.00
.680	5005.00	10.74	68.00	322.62	9882.74	10205.37	.00
1.440	5005.00	14.60	76.00	304.55	9894.46	10199.01	.00
1.440	5005.00	15.28	76.00	305.66	9893.84	10199.50	.00
1.440	5005.00	16.63	76.00	310.99	9889.51	10200.50	.00
1.440	5005.00	18.49	76.00	318.15	9883.69	10201.84	.00
2.800	5005.00	44.45	280.00	1949.94	9000.00	11000.00	.00
2.800	5005.00	47.25	280.00	1952.56	9000.00	11000.00	.00
2.800	5005.00	52.86	280.00	1957.71	9000.00	11000.00	.00
2.800	5005.00	60.50	280.00	2000.00	9000.00	11000.00	.00
4.800	5005.00	69.16	200.00	1948.55	9000.00	11000.00	.00
4.800	5005.00	74.59	200.00	1951.11	9000.00	11000.00	.00
4.800	5005.00	85.45	200.00	1956.20	9000.00	11000.00	.00
4.800	5005.00	100.27	200.00	2000.00	9000.00	11000.00	.00
20.000	5005.00	195.61	1520.00	353.86	9800.00	10200.00	.00
20.000	5005.00	212.69	1520.00	356.89	9800.00	10200.00	.00
20.000	5005.00	246.93	1520.00	365.01	9800.00	10200.00	.00
20.000	5005.00	294.06	1520.00	400.00	9800.00	10200.00	.00
59.000	3385.00	350.40	3900.00	140.57	1009.43	1150.00	.00
59.000	3385.00	373.12	3900.00	149.66	1000.34	1150.00	.00
59.000	3385.00	419.04	3900.00	150.00	1000.00	1150.00	.00
59.000	3385.00	483.05	3900.00	150.00	1000.00	1150.00	.00
60.000	3385.00	353.97	100.00	142.03	1000.00	1142.03	.79
60.000	3385.00	376.76	100.00	142.64	1000.00	1142.64	.79
60.000	3385.00	422.82	100.00	143.90	1000.00	1143.90	.79
60.000	3385.00	487.03	100.00	145.69	1000.00	1145.69	.79
84.300	3385.00	441.66	2530.00	146.48	1009.05	1155.53	20.04
84.300	3385.00	466.09	2530.00	155.63	1000.64	1156.27	20.04
84.300	3385.00	515.63	2530.00	157.44	1000.00	1157.44	20.04
84.300	3385.00	584.84	2530.00	159.11	1000.00	1159.11	20.04

SECD	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
88.300	3385.00	455.55	400.00	149.76	9903.84	10053.60	21.70
88.300	3385.00	480.10	400.00	153.88	9901.35	10055.23	21.70
88.300	3385.00	529.92	400.00	162.62	9896.05	10058.67	21.70
88.300	3385.00	599.56	400.00	178.30	9891.41	10069.71	21.70
89.000	3385.00	458.06	70.00	150.28	9903.53	10053.81	21.98
89.000	3385.00	482.64	70.00	154.39	9901.04	10055.42	21.98
89.000	3385.00	532.51	70.00	163.29	9895.64	10058.93	21.98
89.000	3385.00	602.22	70.00	179.06	9891.12	10070.19	21.98
90.000	3385.00	461.67	100.00	151.87	1000.00	1151.87	22.29
90.000	3385.00	486.31	100.00	154.10	1000.00	1154.10	22.29
90.000	3385.00	536.32	100.00	160.02	1000.00	1160.02	22.29
90.000	3385.00	606.24	100.00	170.00	1000.00	1170.00	22.29
107.000	3385.00	520.35	1700.00	155.88	1000.00	1155.88	29.70
107.000	3385.00	546.03	1700.00	158.28	1000.00	1158.28	29.70
107.000	3385.00	598.32	1700.00	164.70	1000.00	1164.70	29.70
107.000	3385.00	671.66	1700.00	170.00	1000.00	1170.00	29.70
107.500	3385.00	522.01	50.00	135.79	933.33	1069.12	31.68
107.500	3385.00	547.72	50.00	136.33	933.28	1069.61	31.68
107.500	3385.00	600.07	50.00	136.83	933.17	1070.00	31.68
107.500	3385.00	673.50	50.00	136.99	933.01	1070.00	31.68
107.860	3385.00	523.19	36.00	135.77	933.33	1069.10	34.30
107.860	3385.00	548.91	36.00	136.31	933.28	1069.58	34.30
107.860	3385.00	601.30	36.00	136.83	933.17	1070.00	34.30
107.860	3385.00	674.79	36.00	136.99	933.01	1070.00	34.30
108.400	3385.00	526.51	100.00	156.43	1000.00	1156.43	38.25
108.400	3385.00	552.30	100.00	158.74	1000.00	1158.74	38.25
108.400	3385.00	604.80	100.00	165.15	1000.00	1165.15	38.25
108.400	3385.00	678.47	100.00	170.00	1000.00	1170.00	38.25
134.500	2315.00	615.27	2610.00	162.40	1000.00	1162.40	50.58
134.500	2315.00	642.53	2610.00	165.32	1000.00	1165.32	50.58
134.500	2315.00	698.30	2610.00	170.00	1000.00	1170.00	50.58
134.500	2315.00	776.85	2610.00	170.00	1000.00	1170.00	50.58
138.500	2315.00	627.09	400.00	98.63	967.37	1162.40	83.16
138.500	2315.00	654.53	400.00	98.73	967.27	1165.32	83.16
138.500	2315.00	710.68	400.00	98.95	967.06	1170.00	83.16
138.500	2315.00	789.79	400.00	99.25	966.75	1170.00	83.16
139.000	2315.00	628.34	50.00	98.57	967.39	1162.40	91.14
139.000	2315.00	655.79	50.00	98.67	967.29	1165.32	91.14
139.000	2315.00	711.98	50.00	98.88	967.08	1170.00	91.14
139.000	2315.00	791.14	50.00	99.19	966.77	1170.00	91.14

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
139.360	2315.00	629.23	36.00	98.53	967.40	1162.40	96.86
139.360	2315.00	656.69	36.00	98.63	967.30	1165.32	96.86
139.360	2315.00	712.90	36.00	98.84	967.09	1170.00	96.86
139.360	2315.00	792.09	36.00	99.14	966.78	1170.00	96.86
139.900	2315.00	630.56	54.00	98.47	967.41	1162.40	105.42
139.900	2315.00	658.03	54.00	98.57	967.31	1165.32	105.42
139.900	2315.00	714.27	54.00	98.78	967.10	1170.00	105.42
139.900	2315.00	793.50	54.00	99.09	966.79	1170.00	105.42
155.000	2020.00	672.47	1510.00	133.59	1015.21	1148.79	232.27
155.000	2020.00	700.51	1510.00	134.41	1014.80	1149.20	232.27
155.000	2020.00	757.96	1510.00	138.32	1011.77	1150.09	232.27
155.000	2020.00	839.07	1510.00	151.40	1000.00	1151.40	232.27
167.000	2020.00	708.48	1200.00	132.04	1015.98	1148.02	248.95
167.000	2020.00	737.01	1200.00	132.84	1015.58	1148.42	248.95
167.000	2020.00	795.56	1200.00	134.57	1014.72	1149.29	248.95
167.000	2020.00	878.38	1200.00	137.13	1013.44	1150.56	248.95
187.000	2020.00	760.77	2000.00	92.92	969.21	1148.02	268.23
187.000	2020.00	789.97	2000.00	92.99	969.13	1148.42	268.23
187.000	2020.00	849.98	2000.00	93.16	968.97	1149.29	268.23
187.000	2020.00	935.00	2000.00	93.40	968.72	1150.56	268.23
189.000	2020.00	764.11	190.00	108.35	951.65	1060.00	268.23
189.000	2020.00	793.37	190.00	111.24	948.76	1060.00	268.23
189.000	2020.00	853.50	190.00	118.80	941.20	1060.00	268.23
189.000	2020.00	938.71	190.00	120.00	940.00	1060.00	268.23
189.350	2020.00	764.54	35.00	108.68	951.32	1060.00	268.23
189.350	2020.00	793.81	35.00	111.84	948.16	1060.00	268.23
189.350	2020.00	853.97	35.00	119.34	940.66	1060.00	268.23
189.350	2020.00	939.22	35.00	120.00	940.00	1060.00	268.23
189.670	2020.00	764.95	32.00	120.00	940.00	1060.00	268.23
189.670	2020.00	794.23	32.00	120.00	940.00	1060.00	268.23
189.670	2020.00	854.42	32.00	120.00	940.00	1060.00	268.23
189.670	2020.00	939.70	32.00	120.00	940.00	1060.00	268.23
190.820	1500.00	766.48	115.00	99.98	945.00	1044.98	268.23
190.820	1500.00	795.79	115.00	103.10	941.90	1045.00	268.23
190.820	1500.00	856.05	115.00	105.00	940.00	1045.00	268.23
190.820	1500.00	941.45	115.00	105.00	940.00	1045.00	268.23
197.850	1400.00	776.33	700.00	107.00	958.00	1065.00	268.23
197.850	1400.00	805.84	700.00	107.00	958.00	1065.00	268.23
197.850	1400.00	866.54	700.00	107.00	958.00	1065.00	268.23
197.850	1400.00	952.61	700.00	107.00	958.00	1065.00	268.23

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
206.850	1400.00	788.18	900.00	85.00	970.00	1055.00	268.23
206.850	1400.00	817.91	900.00	85.00	970.00	1055.00	268.23
206.850	1400.00	879.08	900.00	85.00	970.00	1055.00	268.23
206.850	1400.00	965.86	900.00	85.00	970.00	1055.00	268.23
213.100	1400.00	795.48	625.00	107.00	958.00	1065.00	268.23
213.100	1400.00	825.33	625.00	107.00	958.00	1065.00	268.23
213.100	1400.00	886.79	625.00	107.00	958.00	1065.00	268.23
213.100	1400.00	974.00	625.00	107.00	958.00	1065.00	268.23
216.350	1400.00	798.51	325.00	51.85	975.14	1026.99	268.23
216.350	1400.00	828.42	325.00	52.04	974.98	1027.02	268.23
216.350	1400.00	889.99	325.00	52.50	974.59	1027.09	268.23
216.350	1400.00	977.38	325.00	53.20	974.00	1027.20	268.23
217.050	1400.00	799.10	70.00	81.00	959.00	1040.00	268.23
217.050	1400.00	829.01	70.00	81.00	959.00	1040.00	268.23
217.050	1400.00	890.60	70.00	81.00	959.00	1040.00	268.23
217.050	1400.00	978.02	70.00	81.00	959.00	1040.00	268.23
217.650	1400.00	799.72	60.00	81.00	959.00	1040.00	268.23
217.650	1400.00	829.64	60.00	81.00	959.00	1040.00	268.23
217.650	1400.00	891.24	60.00	81.00	959.00	1040.00	268.23
217.650	1400.00	978.69	60.00	81.00	959.00	1040.00	268.23
218.350	1400.00	800.33	70.00	67.00	965.00	1032.00	268.23
218.350	1400.00	830.26	70.00	67.00	965.00	1032.00	268.23
218.350	1400.00	891.87	70.00	67.00	965.00	1032.00	268.23
218.350	1400.00	979.34	70.00	67.00	965.00	1032.00	268.23
225.650	1400.00	804.94	730.00	66.00	962.00	1028.00	268.23
225.650	1400.00	834.90	730.00	66.00	962.00	1028.00	268.23
225.650	1400.00	896.59	730.00	66.00	962.00	1028.00	268.23
225.650	1400.00	984.19	730.00	66.00	962.00	1028.00	268.23
233.000	895.00	809.40	735.00	53.37	976.63	1030.00	268.23
233.000	895.00	839.37	735.00	53.38	976.62	1030.00	268.23
233.000	895.00	901.09	735.00	53.40	976.60	1030.00	268.23
233.000	895.00	988.73	735.00	53.46	976.54	1030.00	268.23
234.000	895.00	809.92	100.00	46.52	975.48	1022.00	268.23
234.000	895.00	839.88	100.00	46.53	975.47	1022.00	268.23
234.000	895.00	901.60	100.00	46.57	975.43	1022.00	268.23
234.000	895.00	989.25	100.00	46.62	975.38	1022.00	268.23
237.000	895.00	811.23	300.00	44.37	976.41	1020.78	268.23
237.000	895.00	841.21	300.00	44.39	976.41	1020.80	268.23
237.000	895.00	902.93	300.00	44.46	976.38	1020.84	268.23
237.000	895.00	990.58	300.00	44.57	976.35	1020.92	268.23

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
237.600	895.00	811.50	60.00	54.00	968.00	1022.00	268.23
237.600	895.00	841.47	60.00	54.00	968.00	1022.00	268.23
237.600	895.00	903.20	60.00	54.00	968.00	1022.00	268.23
237.600	895.00	990.85	60.00	54.00	968.00	1022.00	268.23
245.200	895.00	815.34	760.00	54.00	968.00	1022.00	268.23
245.200	895.00	845.31	760.00	54.00	968.00	1022.00	268.23
245.200	895.00	907.03	760.00	54.00	968.00	1022.00	268.23
245.200	895.00	994.69	760.00	54.00	968.00	1022.00	268.23
245.700	895.00	815.60	50.00	54.00	968.00	1022.00	268.23
245.700	895.00	845.58	50.00	54.00	968.00	1022.00	268.23
245.700	895.00	907.30	50.00	54.00	968.00	1022.00	268.23
245.700	895.00	994.96	50.00	54.00	968.00	1022.00	268.23
255.700	565.00	821.54	1000.00	54.00	968.00	1022.00	268.23
255.700	565.00	851.51	1000.00	54.00	968.00	1022.00	268.23
255.700	565.00	913.24	1000.00	54.00	968.00	1022.00	268.23
255.700	565.00	1000.90	1000.00	54.00	968.00	1022.00	268.23
256.200	565.00	821.85	50.00	80.00	960.00	1040.00	268.23
256.200	565.00	851.82	50.00	80.00	960.00	1040.00	268.23
256.200	565.00	913.55	50.00	80.00	960.00	1040.00	268.23
256.200	565.00	1001.21	50.00	80.00	960.00	1040.00	268.23
256.500	565.00	822.01	30.00	56.57	960.00	1016.57	268.23
256.500	565.00	851.98	30.00	56.57	960.00	1016.57	268.23
256.500	565.00	913.71	30.00	56.57	960.00	1016.57	268.23
256.500	565.00	1001.37	30.00	56.57	960.00	1016.57	268.23
256.900	565.00	822.26	40.00	54.00	968.00	1022.00	268.23
256.900	565.00	852.23	40.00	54.00	968.00	1022.00	268.23
256.900	565.00	913.96	40.00	54.00	968.00	1022.00	268.23
256.900	565.00	1001.62	40.00	54.00	968.00	1022.00	268.23
261.600	565.00	825.72	470.00	54.00	968.00	1022.00	268.23
261.600	565.00	855.69	470.00	54.00	968.00	1022.00	268.23
261.600	565.00	917.42	470.00	54.00	968.00	1022.00	268.23
261.600	565.00	1005.08	470.00	54.00	968.00	1022.00	268.23
261.900	565.00	825.93	30.00	69.28	960.00	1029.28	268.23
261.900	565.00	855.90	30.00	69.28	960.00	1029.28	268.23
261.900	565.00	917.63	30.00	69.28	960.00	1029.28	268.23
261.900	565.00	1005.29	30.00	69.28	960.00	1029.28	268.23
262.200	565.00	826.11	30.00	60.00	960.00	1020.00	268.23
262.200	565.00	856.09	30.00	60.00	960.00	1020.00	268.23
262.200	565.00	917.81	30.00	60.00	960.00	1020.00	268.23
262.200	565.00	1005.47	30.00	60.00	960.00	1020.00	268.23

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
262.500	565.00	826.32	30.00	54.00	968.00	1022.00	268.23
262.500	565.00	856.29	30.00	54.00	968.00	1022.00	268.23
262.500	565.00	918.02	30.00	54.00	968.00	1022.00	268.23
262.500	565.00	1005.68	30.00	54.00	968.00	1022.00	268.23
266.200	565.00	828.60	370.00	48.00	978.00	1026.00	268.23
266.200	565.00	858.57	370.00	48.00	978.00	1026.00	268.23
266.200	565.00	920.30	370.00	48.00	978.00	1026.00	268.23
266.200	565.00	1007.96	370.00	48.00	978.00	1026.00	268.23
266.500	565.00	828.79	30.00	80.00	960.00	1040.00	268.23
266.500	565.00	858.76	30.00	80.00	960.00	1040.00	268.23
266.500	565.00	920.49	30.00	80.00	960.00	1040.00	268.23
266.500	565.00	1008.15	30.00	80.00	960.00	1040.00	268.23
266.750	565.00	829.00	25.00	80.00	960.00	1040.00	268.23
266.750	565.00	858.98	25.00	80.00	960.00	1040.00	268.23
266.750	565.00	920.70	25.00	80.00	960.00	1040.00	268.23
266.750	565.00	1008.36	25.00	80.00	960.00	1040.00	268.23
267.050	565.00	829.21	30.00	48.00	978.00	1026.00	268.23
267.050	565.00	859.18	30.00	48.00	978.00	1026.00	268.23
267.050	565.00	920.91	30.00	48.00	978.00	1026.00	268.23
267.050	565.00	1008.57	30.00	48.00	978.00	1026.00	268.23
270.050	565.00	830.67	300.00	38.50	978.50	1017.00	268.23
270.050	565.00	860.64	300.00	38.50	978.50	1017.00	268.23
270.050	565.00	922.37	300.00	38.50	978.50	1017.00	268.23
270.050	565.00	1010.03	300.00	38.50	978.50	1017.00	268.23
270.350	370.00	830.87	30.00	59.15	970.00	1029.15	268.23
270.350	370.00	860.84	30.00	59.15	970.00	1029.15	268.23
270.350	370.00	922.57	30.00	59.15	970.00	1029.15	268.23
270.350	370.00	1010.23	30.00	59.15	970.00	1029.15	268.23
271.650	370.00	831.96	130.00	49.98	970.00	1019.98	268.23
271.650	370.00	861.94	130.00	49.98	970.00	1019.98	268.23
271.650	370.00	923.67	130.00	49.98	970.00	1019.98	268.23
271.650	370.00	1011.32	130.00	49.98	970.00	1019.98	268.23
271.850	370.00	832.11	20.00	60.00	970.00	1030.00	268.23
271.850	370.00	862.08	20.00	60.00	970.00	1030.00	268.23
271.850	370.00	923.81	20.00	60.00	970.00	1030.00	268.23
271.850	370.00	1011.47	20.00	60.00	970.00	1030.00	268.23
271.860	370.00	832.12	1.00	60.00	970.00	1030.00	268.23
271.860	370.00	862.09	1.00	60.00	970.00	1030.00	268.23
271.860	370.00	923.82	1.00	60.00	970.00	1030.00	268.23
271.860	370.00	1011.48	1.00	60.00	970.00	1030.00	268.23

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
272.000	370.00	832.19	14.00	36.50	980.00	1016.50	268.23
272.000	370.00	862.17	14.00	36.50	980.00	1016.50	268.23
272.000	370.00	923.89	14.00	36.50	980.00	1016.50	268.23
272.000	370.00	1011.55	14.00	36.50	980.00	1016.50	268.23
272.100	370.00	832.24	10.00	36.50	980.00	1016.50	268.23
272.100	370.00	862.21	10.00	36.50	980.00	1016.50	268.23
272.100	370.00	923.94	10.00	36.50	980.00	1016.50	268.23
272.100	370.00	1011.60	10.00	36.50	980.00	1016.50	268.23
272.400	370.00	832.37	30.00	31.00	975.00	1006.00	268.23
272.400	370.00	862.34	30.00	31.00	975.00	1006.00	268.23
272.400	370.00	924.07	30.00	31.00	975.00	1006.00	268.23
272.400	370.00	1011.73	30.00	31.00	975.00	1006.00	268.23
284.100	170.00	837.48	1170.00	39.50	985.00	1024.50	268.23
284.100	170.00	867.45	1170.00	39.50	985.00	1024.50	268.23
284.100	170.00	929.18	1170.00	39.50	985.00	1024.50	268.23
284.100	170.00	1016.84	1170.00	39.50	985.00	1024.50	268.23
284.600	170.00	837.70	50.00	40.00	980.00	1020.00	268.23
284.600	170.00	867.67	50.00	40.00	980.00	1020.00	268.23
284.600	170.00	929.40	50.00	40.00	980.00	1020.00	268.23
284.600	170.00	1017.06	50.00	40.00	980.00	1020.00	268.23
284.900	170.00	837.83	30.00	40.00	980.00	1020.00	268.23
284.900	170.00	867.80	30.00	40.00	980.00	1020.00	268.23
284.900	170.00	929.53	30.00	40.00	980.00	1020.00	268.23
284.900	170.00	1017.19	30.00	40.00	980.00	1020.00	268.23
285.200	170.00	837.96	30.00	39.50	985.00	1024.50	268.23
285.200	170.00	867.94	30.00	39.50	985.00	1024.50	268.23
285.200	170.00	929.67	30.00	39.50	985.00	1024.50	268.23
285.200	170.00	1017.33	30.00	39.50	985.00	1024.50	268.23
294.400	170.00	841.61	920.00	37.00	980.00	1017.00	268.23
294.400	170.00	871.58	920.00	37.00	980.00	1017.00	268.23
294.400	170.00	933.31	920.00	37.00	980.00	1017.00	268.23
294.400	170.00	1020.97	920.00	37.00	980.00	1017.00	268.23
294.700	170.00	841.71	30.00	31.69	984.08	1015.77	268.23
294.700	170.00	871.68	30.00	31.69	984.08	1015.77	268.23
294.700	170.00	933.41	30.00	31.69	984.08	1015.77	268.23
294.700	170.00	1021.07	30.00	31.69	984.08	1015.77	268.23
295.000	170.00	841.81	30.00	32.54	983.65	1016.19	268.23
295.000	170.00	871.78	30.00	32.54	983.65	1016.19	268.23
295.000	170.00	933.51	30.00	32.54	983.65	1016.19	268.23
295.000	170.00	1021.17	30.00	32.54	983.65	1016.19	268.23

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST	VEXT
295.800	170.00	842.10	80.00	37.00	980.00	1017.00	268.23
295.800	170.00	872.07	80.00	37.00	980.00	1017.00	268.23
295.800	170.00	933.80	80.00	37.00	980.00	1017.00	268.23
295.800	170.00	1021.46	80.00	37.00	980.00	1017.00	268.23

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 11:23:06

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

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

LOWER MAIN "C" -- -2' ST

SUMMARY PRINTOUT

SECD	CWSEL	DIFWSP	DIFWSX	CRWS	10K*6	VCH	HV	Q	QLOB	QCH	QROB
.000	102.20	.00	.00	.00	.38	1.10	.01	2940.00	1331.75	1608.25	.00
.000	102.40	.20	.00	.00	.24	.89	.01	2940.00	1222.24	1315.15	402.61
.000	103.00	.60	.00	.00	.14	.71	.00	2940.00	1374.80	1111.19	454.01
.000	103.70	.70	.00	.00	.09	.57	.00	2940.00	1501.61	940.21	498.18
10.000	102.24	.00	.04	.00	.28	.94	.01	2940.00	1171.57	1382.74	385.63
10.000	102.42	.19	.02	.00	.24	.88	.01	2940.00	1229.37	1305.64	404.99
10.000	103.01	.59	.01	.00	.14	.71	.00	2940.00	1377.89	1107.03	455.08
10.000	103.71	.69	.01	.00	.08	.57	.00	2940.00	1502.90	938.47	498.64
41.000	102.27	.00	.04	.00	.05	.39	.00	2940.00	1342.11	569.81	1028.07
41.000	102.46	.18	.03	.00	.04	.36	.00	2940.00	1361.67	540.18	1038.15
41.000	103.03	.58	.02	.00	.03	.29	.00	2940.00	1414.38	464.16	1061.46
41.000	103.72	.69	.01	.00	.02	.24	.00	2940.00	1461.44	400.30	1078.25
71.000	102.29	.00	.01	.00	.03	.30	.00	2940.00	1022.56	440.13	1477.31
71.000	102.47	.18	.01	.00	.03	.28	.00	2940.00	1036.40	416.48	1487.12
71.000	103.04	.57	.01	.00	.02	.23	.00	2940.00	1073.86	355.69	1510.45
71.000	103.72	.68	.00	.00	.01	.18	.00	2940.00	1106.18	306.90	1526.91
72.000	102.29	.00	.00	.00	.03	.30	.00	2940.00	1022.59	440.07	1477.33
72.000	102.47	.18	.00	.00	.03	.28	.00	2940.00	1036.42	416.44	1487.14
72.000	103.04	.57	.00	.00	.02	.23	.00	2940.00	1073.34	356.50	1510.16
72.000	103.72	.68	.00	.00	.01	.18	.00	2940.00	1105.96	307.23	1526.81
94.300	102.29	.00	.01	.00	.04	.32	.00	2940.00	952.09	297.37	1690.54
94.300	102.47	.18	.01	.00	.03	.30	.00	2940.00	964.66	280.48	1694.86
94.300	103.04	.57	.00	.00	.02	.21	.00	2940.00	1011.96	208.19	1719.65
94.300	103.73	.68	.00	.00	.01	.17	.00	2940.00	1048.72	183.40	1707.88
95.300	102.30	.00	.00	.00	.03	.26	.00	2345.00	759.48	237.08	1348.44
95.300	102.47	.18	.00	.00	.02	.24	.00	2345.00	769.49	223.64	1351.87
95.300	103.04	.57	.00	.00	.01	.16	.00	2345.00	807.19	166.03	1371.77
95.300	103.73	.68	.00	.00	.01	.13	.00	2345.00	836.49	146.28	1362.23

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*5	VCH	HV	Q	QLOB	QCH	QROB
95.400	102.30	.00	.00	.00	.03	.26	.00	2345.00	759.49	237.08	1348.44
95.400	102.47	.18	.00	.00	.02	.24	.00	2345.00	769.50	223.63	1351.87
95.400	103.04	.57	.00	.00	.01	.16	.00	2345.00	807.19	166.03	1371.77
95.400	103.73	.68	.00	.00	.01	.13	.00	2345.00	836.49	146.27	1362.23
97.600	102.30	.00	.00	.00	.03	.26	.00	2345.00	759.52	237.03	1348.45
97.600	102.47	.18	.00	.00	.02	.24	.00	2345.00	769.52	223.60	1351.88
97.600	103.04	.57	.00	.00	.01	.16	.00	2345.00	807.21	166.02	1371.77
97.600	103.73	.68	.00	.00	.01	.13	.00	2345.00	836.50	146.27	1362.23
97.700	102.30	.00	.00	.00	.03	.26	.00	2345.00	759.52	237.03	1348.45
97.700	102.47	.18	.00	.00	.02	.24	.00	2345.00	769.52	223.60	1351.88
97.700	103.04	.57	.00	.00	.01	.16	.00	2345.00	807.21	166.02	1371.77
97.700	103.73	.68	.00	.00	.01	.13	.00	2345.00	836.50	146.27	1362.23
98.600	102.30	.00	.00	.00	.03	.26	.00	2345.00	759.53	237.01	1348.46
98.600	102.47	.18	.00	.00	.02	.24	.00	2345.00	769.53	223.58	1351.88
98.600	103.05	.57	.00	.00	.01	.16	.00	2345.00	807.22	166.02	1371.77
98.600	103.73	.68	.00	.00	.01	.13	.00	2345.00	836.50	146.27	1362.23
123.200	102.30	.00	.01	.00	.02	.23	.00	2125.00	688.61	214.31	1222.08
123.200	102.48	.18	.00	.00	.02	.21	.00	2125.00	697.60	202.26	1225.13
123.200	103.05	.57	.00	.00	.01	.15	.00	2125.00	731.63	150.34	1243.03
123.200	103.73	.68	.00	.00	.01	.12	.00	2125.00	758.09	132.50	1234.40

LOWER MAIN "C" -- -2' ST

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
.000	2940.00	.00	.00	4056.60	7060.67	11170.00
.000	2940.00	.00	.00	5382.00	7058.00	12524.00
.000	2940.00	.00	.00	5422.87	7050.00	12530.00
.000	2940.00	.00	.00	5461.17	7039.50	12537.00
10.000	2940.00	265.78	1000.00	5372.77	7060.16	12522.38
10.000	2940.00	322.23	1000.00	5383.37	7057.68	12524.24
10.000	2940.00	396.02	1000.00	5433.33	7049.78	12530.14
10.000	2940.00	483.16	1000.00	5461.61	7039.37	12537.08
41.000	2940.00	1898.29	3100.00	11033.07	4324.52	15477.28
41.000	2940.00	2058.82	3100.00	11040.10	4320.89	15478.80
41.000	2940.00	2464.67	3100.00	11064.39	4309.50	15483.61
41.000	2940.00	2950.43	3100.00	11150.40	4299.09	15489.39
71.000	2940.00	4609.71	3000.00	14242.11	4565.71	18927.39
71.000	2940.00	4927.28	3000.00	14248.17	4563.01	18928.88
71.000	2940.00	5839.65	3000.00	14270.07	4554.26	18933.75
71.000	2940.00	6926.62	3000.00	14355.48	4544.06	18939.41
72.000	2940.00	4712.83	100.00	14242.13	4565.70	18927.39
72.000	2940.00	5036.26	100.00	14248.18	4563.01	18928.88
72.000	2940.00	5967.58	100.00	14269.67	4554.40	18933.67
72.000	2940.00	7076.98	100.00	14355.28	4544.14	18939.37
94.300	2940.00	6933.28	2230.00	13772.63	5060.27	18927.45
94.300	2940.00	7385.41	2230.00	13911.62	4938.92	18928.94
94.300	2940.00	8733.15	2230.00	14345.02	4579.12	18933.70
94.300	2940.00	10344.15	2230.00	14373.91	4565.48	18939.38
95.300	2345.00	7029.32	100.00	13773.66	5059.37	18927.46
95.300	2345.00	7487.12	100.00	13912.47	4938.17	18928.94
95.300	2345.00	8853.42	100.00	14345.06	4579.11	18933.71
95.300	2345.00	10486.90	100.00	14373.92	4565.47	18939.39
95.400	2345.00	7038.93	10.00	13773.72	5059.31	18927.46
95.400	2345.00	7497.29	10.00	13912.53	4938.12	18928.95
95.400	2345.00	8865.44	10.00	14345.07	4579.11	18933.71
95.400	2345.00	10501.18	10.00	14373.92	4565.47	18939.39
97.600	2345.00	7250.30	220.00	13774.17	5058.93	18927.46
97.600	2345.00	7721.12	220.00	13912.90	4937.80	18928.95
97.600	2345.00	9130.07	220.00	14345.08	4579.10	18933.71
97.600	2345.00	10815.27	220.00	14373.92	4565.47	18939.39

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
97.700	2345.00	7259.91	10.00	13774.18	5058.91	18927.46
97.700	2345.00	7731.30	10.00	13912.91	4937.78	18928.95
97.700	2345.00	9142.10	10.00	14345.08	4579.10	18933.71
97.700	2345.00	10829.54	10.00	14373.92	4565.47	18939.39
98.600	2345.00	7346.39	90.00	13774.37	5058.75	18927.47
98.600	2345.00	7822.87	90.00	13913.07	4937.65	18928.95
98.600	2345.00	9250.36	90.00	14345.09	4579.10	18933.71
98.600	2345.00	10958.04	90.00	14373.93	4565.46	18939.39
123.200	2125.00	9712.78	2460.00	13779.34	5054.41	18927.52
123.200	2125.00	10328.13	2460.00	13917.26	4933.99	18929.00
123.200	2125.00	12210.94	2460.00	14345.27	4579.03	18933.74
123.200	2125.00	14471.03	2460.00	14373.98	4565.42	18939.41

SUMMARY OF ERRORS AND SPECIAL NOTES

THIS RUN EXECUTED 04/10/90 11:42:51

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

C
 T1 ALLIGATOR BAYOU WATERSHED STUDY - VANSICKLE, MICKELSON & KLEIN APRIL 1990
 T2 FILENAME: MAINCUPR.H2 -- 100-YEAR STORM -- EXIST DEV -- EXIST CHANNEL
 T3 UPPER MAIN "C" & AIRPORT-VITERBO DITCH -- STARTING WSEL: ALLIG2PR.H1

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.000000	.00	.0	0.	101.000	.000
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHN1M	ITRACE
	-1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	50.000	51.000	2.000	5.000	26.000	10.000	43.000	13.000
	14.000	15.000	.000	38.000	43.000	7.000	39.000	4.000	53.000	54.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.100	.100	.040	.100	.300	.000	.000	.000	.000	.000
QT	1.000	4095.000	.000	.000	.000	.000	.000	.000	.000	.000
	LATERAL C-9									
X1	138.900	50.000	11001.000	11124.000	1530.000	1610.000	1570.000	.000	100.000	.000
X3	10.000	-7.800	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.400	4730.000	3.600	5000.000	3.400	5300.000	3.150	5800.000	3.200	6200.000
GR	3.300	6550.000	2.550	7000.000	2.650	7250.000	2.250	7900.000	2.450	8050.000
GR	2.250	8450.000	2.000	8850.000	1.000	9900.000	.000	10700.000	1.600	10900.000
GR	4.800	11000.000	3.800	11001.000	1.000	11004.000	-2.000	11014.000	-4.300	11020.000
GR	-5.200	11022.000	-5.800	11024.000	-11.800	11034.000	-12.300	11044.000	-12.200	11048.000
GR	-12.600	11050.000	-12.600	11064.000	-12.600	11074.000	-12.600	11078.000	-12.600	11080.000
GR	-12.600	11084.000	-12.600	11094.000	-9.200	11104.000	-8.000	11106.000	-6.400	11108.000
GR	-3.000	11112.000	1.000	11122.000	4.200	11124.000	4.600	11132.000	4.800	11134.000
GR	4.800	11144.000	5.500	11154.000	5.500	11160.000	1.500	11180.000	1.000	11200.000
GR	-.500	11600.000	.400	12000.000	.000	13000.000	.000	13750.000	5.000	13800.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	149.000	41.000	11001.000	11124.000	1010.000	1010.000	1010.000	.000	100.000	.000
X3	10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.000	5200.000	5.500	5650.000	4.000	6200.000	3.500	6600.000	3.000	7000.000
GR	2.000	8700.000	1.000	10200.000	1.000	10350.000	1.000	10900.000	5.500	10950.000
GR	5.500	10994.000	3.800	11001.000	1.000	11004.000	-2.000	11014.000	-4.300	11020.000

GR	-5.200	11022.000	-5.800	11024.000	-11.800	11034.000	-12.300	11044.000	-12.200	11048.000
GR	-12.600	11050.000	-12.600	11064.000	-12.600	11074.000	-12.600	11078.000	-12.600	11080.000
GR	-12.600	11084.000	-12.600	11094.000	-9.200	11104.000	-8.000	11106.000	-6.400	11108.000
GR	-3.000	11112.000	1.000	11122.000	4.200	11124.000	4.600	11132.000	4.800	11134.000
GR	4.800	11144.000	5.500	11154.000	5.500	11160.000	1.500	11180.000	1.500	14200.000
GR	5.000	14250.000	.000	.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF F.M. 365 BRIDGE STA. 151+40

X1	151.400	35.000	1001.000	1124.000	240.000	240.000	240.000	.000	100.000	.000
X3	10.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	19.000	1001.000	103.800	103.800	1020.000	103.900	101.800	1020.000	103.900	95.700
BT	1022.000	103.900	94.800	1022.000	103.900	101.800	1048.000	103.900	101.800	1048.000
BT	103.900	87.800	1050.000	103.900	87.400	1050.000	103.900	101.800	1078.000	103.900
BT	101.800	1078.000	103.900	87.400	1080.000	103.900	87.400	1080.000	103.900	101.800
BT	1106.000	103.900	101.800	1106.000	103.900	92.000	1108.000	103.900	93.600	1108.000
BT	103.900	101.800	1122.000	103.900	101.800	1124.000	104.200	104.200	.000	.000
GR	5.500	1.000	5.500	2.000	5.500	3.000	5.500	930.000	5.500	950.000
GR	4.000	994.000	3.800	1001.000	1.000	1004.000	-2.000	1014.000	-4.300	1020.000
GR	-5.200	1022.000	-5.800	1024.000	-11.800	1034.000	-12.300	1044.000	-12.200	1048.000
GR	-12.600	1050.000	-12.600	1064.000	-12.600	1074.000	-12.600	1078.000	-12.600	1080.000
GR	-12.600	1084.000	-12.600	1094.000	-9.200	1104.000	-8.000	1106.000	-6.400	1108.000
GR	-3.000	1112.000	1.000	1122.000	4.200	1124.000	4.600	1132.000	4.800	1134.000
GR	4.800	1144.000	4.000	1154.000	1.500	1160.000	1.500	1180.000	5.000	1400.000

UPSTREAM FACE OF F.M. 365 BRIDGE

X1	151.800	.000	.000	.000	40.000	40.000	40.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X3	10.000	-12.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	152.600	35.000	1001.000	1124.000	80.000	80.000	80.000	.000	100.000	.000
X3	10.000	-8.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.500	1.000	5.500	2.000	5.500	3.000	5.500	930.000	5.500	950.000
GR	5.500	994.000	3.800	1001.000	1.000	1004.000	-2.000	1014.000	-4.300	1020.000
GR	-5.200	1022.000	-5.800	1024.000	-11.800	1034.000	-12.300	1044.000	-12.200	1048.000
GR	-12.600	1050.000	-12.600	1064.000	-12.600	1074.000	-12.600	1078.000	-12.600	1080.000
GR	-12.600	1084.000	-12.600	1094.000	-9.200	1104.000	-8.000	1106.000	-6.400	1108.000
GR	-3.000	1112.000	1.000	1122.000	4.200	1124.000	4.600	1132.000	4.800	1134.000
GR	4.800	1144.000	5.500	1154.000	1.500	1180.000	1.500	1400.000	5.500	1410.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000

LATERAL C-10 STA. 171+70

X1	171.700	25.000	11004.000	11120.000	1800.000	2000.000	2150.000	.000	100.000	.000
X3	10.000	-9.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	9400.000	3.550	9600.000	2.850	9700.000	2.150	10100.000	2.500	10300.000
GR	1.800	10700.000	2.500	10900.000	3.500	10950.000	3.500	11000.000	2.000	11004.000
GR	-11.500	11030.000	-11.700	11044.000	-12.400	11045.000	-12.400	11080.000	-12.000	11090.000
GR	2.000	11120.000	5.000	11200.000	2.000	11250.000	2.000	11950.000	2.500	12450.000
GR	3.000	12800.000	3.500	14200.000	4.000	15250.000	4.500	15800.000	5.000	16650.000

QT	1.000	1990.000	.000	.000	.000	.000	.000	.000	.000	.000
AIRPORT-VITERBO DITCH STA. 201+60										
X1	201.600	23.000	11004.000	11178.000	3000.000	2920.000	2990.000	.000	100.000	.000
X3	10.000	-6.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.000	8200.000	5.500	8400.000	5.000	8700.000	4.500	9000.000	4.500	9610.000
GR	4.000	9840.000	4.000	10920.000	8.000	10948.000	8.000	11000.000	5.000	11004.000
GR	-8.000	11030.000	-8.200	11044.000	-8.900	11045.000	-8.900	11080.000	-8.500	11090.000
GR	-5.300	11100.000	5.000	11120.000	8.000	11121.000	8.000	11165.000	5.000	11178.000
GR	3.000	11200.000	4.000	11600.000	5.500	11900.000	.000	.000	.000	.000
QT	1.000	1130.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	228.200	18.000	1020.000	1115.000	2640.000	2680.000	2660.000	.000	100.000	.000
X3	10.000	-6.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	360.000	6.000	500.000	3.000	980.000	4.000	990.000	5.000	1010.000
GR	3.000	1020.000	-5.500	1050.000	-5.500	1085.000	3.000	1115.000	5.000	1120.000
GR	6.000	1200.000	6.000	1300.000	5.500	1340.000	5.000	1800.000	5.000	2110.000
GR	5.500	2310.000	5.500	2830.000	7.000	2900.000	.000	.000	.000	.000
DOWNSTREAM FACE OF HWY 69 CULVERT										
X1	229.200	7.000	962.700	1037.300	100.000	100.000	100.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.000	950.000	5.500	962.700	-5.300	984.300	-5.300	1015.700	5.500	1037.300
GR	5.500	1050.000	7.000	1060.000	.000	.000	.000	.000	.000	.000
SB	1.250	2.020	2.600	.000	31.400	1.400	300.000	.100	96.100	94.700
UPSTREAM FACE OF HWY 69 CULVERT										
X1	232.800	.000	.000	.000	360.000	360.000	360.000	.000	.000	.000
X2	.000	.000	1.000	106.100	112.200	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	962.700	112.200	105.500	984.300	112.800	96.100	984.300	112.800	106.100
BT	1015.700	113.800	106.100	1015.700	113.800	96.100	1037.300	114.400	105.500	.000
NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
X1	233.300	10.000	974.000	1026.000	50.000	50.000	50.000	.000	100.000	.000
GR	6.710	960.000	6.110	965.000	4.810	972.500	4.010	974.000	-4.030	990.000
GR	-4.030	1010.000	4.010	1026.000	5.010	1028.300	5.410	1030.000	6.710	1040.000
QT	1.000	975.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	235.050	10.000	974.000	1026.000	175.000	175.000	175.000	.000	100.000	.000
GR	6.710	960.000	6.110	965.000	4.810	972.500	4.010	974.000	-4.030	990.000
GR	-4.030	1010.000	4.010	1026.000	5.010	1028.300	5.410	1030.000	6.710	1040.000
DOWNSTREAM FACE OF 37-TH STREET CULVERT										
X1	235.650	8.000	974.000	1026.000	60.000	60.000	60.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	7.410	960.000	7.410	967.300	4.010	974.000	-3.960	982.600	-3.960	1014.300
GR	4.010	1026.000	7.410	1032.800	7.410	1040.000	.000	.000	.000	.000

X1	254.900	8.000	983.000	1022.000	75.000	75.000	75.000	.000	100.000	.000
GR	7.810	940.000	7.810	978.000	7.810	979.000	-.190	995.000	-.190	1005.000
GR	7.810	1021.000	7.810	1022.000	7.810	1040.000	.000	.000	.000	.000

CONFLUENCE OF LATERAL C-12 TRIBUTARY

X1	258.150	8.000	979.000	1021.000	325.000	325.000	325.000	.000	100.000	.000
GR	9.210	960.000	9.210	976.500	7.940	979.000	-.060	995.000	-.060	1005.000
GR	7.940	1021.000	9.210	1023.500	9.210	1040.000	.000	.000	.000	.000

QT	1.000	815.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000

X1	273.650	8.000	981.000	1019.000	1460.000	1460.000	1550.000	.000	100.000	.000
GR	10.710	960.000	10.710	977.000	8.600	981.000	.600	997.000	.600	1003.000
GR	8.600	1019.000	10.710	1023.000	10.710	1040.000	.000	.000	.000	.000

DOWNSTREAM FACE OF 27-TH STREET & AVENUE A CULVERT

X1	274.150	8.000	968.100	1031.500	50.000	50.000	50.000	.960	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	9.210	940.000	9.610	952.500	10.410	968.100	.810	987.300	.810	1012.700
GR	10.210	1031.500	9.610	1046.000	9.210	1050.000	.000	.000	.000	.000

SB	1.250	1.890	2.600	.000	25.400	1.400	192.000	.100	100.810	100.810
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF 27-TH STREET & AVENUE A CULVERT

X1	276.150	.000	.000	.000	200.000	200.000	200.000	.960	.000	.000
X2	.000	.000	1.000	108.810	111.610	.000	.000	.000	.960	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	968.100	111.610	110.410	987.300	111.610	100.810	987.300	111.610	108.810
BT	1012.700	111.610	108.810	1012.700	111.610	100.810	1031.500	111.610	110.210	.000

X1	276.650	8.000	981.000	1019.000	50.000	50.000	50.000	.000	100.000	.000
GR	10.710	960.000	10.710	977.000	8.600	981.000	.850	997.000	.850	1003.000
GR	8.600	1019.000	10.710	1023.000	10.710	1040.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	279.650	.000	.000	.000	300.000	300.000	300.000	.000	.000	.000
----	---------	------	------	------	---------	---------	---------	------	------	------

DOWNSTREAM FACE OF NEDERLAND AVENUE CULVERT

X1	280.650	8.000	977.550	1022.450	100.000	100.000	100.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	11.610	960.000	11.610	971.700	7.710	977.550	1.210	987.300	1.210	1012.700
GR	7.710	1022.450	11.610	1028.300	11.610	1040.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	25.400	1.400	192.000	.100	101.210	101.210
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF NEDERLAND AVENUE CULVERT

X1	281.300	.000	.000	.000	65.000	65.000	65.000	.800	.000	.000
X2	.000	.000	1.000	109.210	112.910	.000	.000	.000	.800	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	971.700	111.610	111.610	987.300	112.910	101.210	987.300	112.910	109.210
BT	1012.700	112.910	109.210	1012.700	112.910	101.210	1028.300	111.610	111.610	.000

12' BOTTOM WIDTH

X1	281.950	11.000	982.200	1013.700	65.000	65.000	65.000	.000	100.000	.000
GR	11.310	957.000	10.210	977.000	8.210	981.700	7.810	982.200	1.290	992.000
GR	1.290	1004.000	7.810	1013.700	8.710	1015.000	9.310	1027.000	12.510	1033.000
GR	12.700	1035.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	293.950	10.000	984.250	1015.700	1200.000	1200.000	1200.000	.000	100.000	.000
GR	11.010	969.000	10.460	981.700	8.810	984.250	2.250	994.000	2.250	1006.000
GR	8.810	1015.700	9.610	1017.000	10.210	1029.000	12.210	1033.000	12.310	1035.000

DOWNSTREAM FACE OF DETROIT AVENUE CULVERT

X1	294.220	8.000	984.250	1015.750	27.000	27.000	27.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	11.010	960.000	11.010	980.900	8.770	984.250	2.270	994.000	2.270	1006.000
GR	8.770	1015.750	11.010	1019.100	11.010	1040.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	22.400	1.400	147.000	.100	102.270	102.300
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF DETROIT AVENUE CULVERT

X1	294.600	.000	.000	.000	38.000	38.000	38.000	.000	.000	.000
X2	.000	.000	1.000	109.300	111.500	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	980.900	111.010	111.010	994.000	111.500	102.300	994.000	111.500	109.300
BT	1006.000	111.500	109.300	1006.000	111.500	102.300	1019.100	111.010	111.010	.000

BT	1.000	670.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

10' BOTTOM WIDTH

X1	294.750	10.000	985.300	1014.700	15.000	15.000	15.000	.000	100.000	.000
GR	11.510	973.000	10.210	983.300	8.910	985.300	2.330	995.000	2.330	1005.000
GR	8.810	1014.700	9.710	1016.000	10.510	1031.000	11.610	1033.000	11.710	1035.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	306.900	10.000	982.700	1012.300	1200.000	1255.000	1215.000	.000	100.000	.000
GR	12.110	967.500	11.110	981.000	9.760	982.700	3.290	992.500	3.290	1002.500
GR	9.760	1012.300	10.610	1013.500	11.210	1025.500	13.410	1029.000	13.610	1030.000

DOWNSTREAM FACE OF HELENA AVENUE CULVERT

X1	307.450	8.000	977.200	1022.800	55.000	55.000	55.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	11.710	960.000	11.710	974.500	9.910	977.200	3.410	987.000	3.410	1013.100
GR	9.910	1022.800	11.710	1025.500	11.710	1040.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	26.100	2.100	120.000	.100	103.410	103.410
----	-------	-------	-------	------	--------	-------	---------	------	---------	---------

UPSTREAM FACE OF HELENA AVENUE CULVERT

X1	307.900	.000	.000	.000	45.000	45.000	45.000	.869	.000	.000
X2	.000	.000	1.000	108.410	112.010	.000	.000	.000	.869	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	974.500	111.710	111.710	987.000	112.010	103.410	987.000	112.010	108.410
BT	1013.100	112.010	108.410	1013.100	112.100	103.410	1025.500	111.710	111.710	.000

DOWNSTREAM FACE OF 17-TH STREET CULVERT

X1	347.150	6.000	980.100	1019.900	50.000	50.000	50.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	13.210	960.000	13.210	980.100	7.260	992.000	7.260	1008.000	13.210	1019.900
GR	13.210	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

SB	1.250	1.560	2.600	.000	16.000	1.000	75.000	.100	107.260	107.260
----	-------	-------	-------	------	--------	-------	--------	------	---------	---------

UPSTREAM FACE OF 17-TH STREET CULVERT

X1	347.500	.000	.000	.000	36.000	36.000	36.000	.867	.000	.000
X2	.000	.000	1.000	112.260	114.610	.000	.000	.000	.867	.000
X3	10.000	.000	.000	.000	.000	.000	.000	113.210	113.210	.000
BT	8.000	980.100	114.610	114.610	980.100	114.610	113.210	992.000	114.610	107.260
BT	992.000	114.610	112.260	1008.000	114.610	112.226	1008.000	114.610	107.260	1019.900
BT	114.610	113.210	1019.900	114.610	114.610	.000	.000	.000	.000	.000

X1	348.000	6.000	983.100	1016.900	50.000	50.000	50.000	.000	100.000	.000
GR	13.250	960.000	13.250	983.100	7.300	995.000	7.300	1005.000	13.250	1016.900
GR	13.250	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

CONFLUENCE OF LATERAL C-13 TRIBUTARY -- 10' BOTTOM WIDTH

X1	350.150	6.000	983.100	1016.900	215.000	215.000	215.000	.000	100.000	.000
GR	14.000	960.000	14.000	983.100	7.800	995.000	7.800	1005.000	14.000	1016.900
GR	14.000	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

QT	1.000	290.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

6' BOTTOM WIDTH

X1	350.250	6.000	984.600	1015.400	10.000	10.000	10.000	.000	100.000	.000
GR	14.000	960.000	14.000	984.600	7.800	997.000	7.800	1003.000	14.000	1015.400
GR	14.000	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

X1	351.250	6.000	984.600	1015.400	100.000	100.000	100.000	.000	100.000	.000
GR	14.000	960.000	14.000	984.600	8.100	997.000	8.100	1003.000	14.000	1015.400
GR	14.000	1040.000	.000	.000	.000	.000	.000	.000	.000	.000

X1	351.540	25.000	990.500	1009.500	29.000	29.000	29.000	.866	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	15.000	980.000	14.750	990.500	10.650	990.500	9.200	991.000	8.400	992.000
GR	8.150	993.000	8.400	994.000	9.200	995.000	10.650	995.500	10.650	997.500
GR	9.200	998.000	8.400	999.000	8.150	1000.000	8.400	1001.000	9.200	1002.000
GR	10.650	1002.500	10.650	1004.500	9.200	1005.000	8.400	1006.000	8.150	1007.000
GR	8.400	1008.000	9.200	1009.000	10.650	1009.500	14.750	1009.500	15.000	1020.000

DOWNSTREAM FACE OF G.S.U. R.O.W. CULVERT

X1	351.550	25.000	990.500	1009.500	1.000	1.000	1.000	.000	100.000	.000
BT	23.000	990.500	114.750	114.750	990.500	114.750	110.650	991.000	114.750	112.200
BT	992.000	114.750	113.000	993.000	114.750	113.150	994.000	114.750	113.000	995.000
BT	114.750	112.200	995.500	114.750	110.650	997.500	114.750	110.650	998.000	114.750
BT	112.200	999.000	114.750	113.000	1000.000	114.750	113.150	1001.000	114.750	113.000
BT	1002.000	114.750	112.200	1002.500	114.750	110.650	1004.500	114.750	110.650	1005.000
BT	114.750	112.200	1006.000	114.750	113.000	1007.000	114.750	113.150	1008.000	114.750
BT	113.000	1009.000	114.750	112.200	1009.500	114.750	110.650	1009.500	114.750	114.750
GR	15.000	980.000	14.750	990.500	10.650	990.500	9.200	991.000	8.400	992.000

X1	17.850	6.000	973.750	1023.000	890.000	940.000	930.000	.000	100.000	.000
GR	6.610	969.000	6.310	973.750	-2.000	990.000	-2.000	1010.000	4.710	1023.000
GR	5.110	1037.000	.000	.000	.000	.000	.000	.000	.000	.000

CONCRETE LINING - 20' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	34.550	10.000	976.000	1024.000	975.000	1035.000	1005.000	.000	100.000	.000
GR	5.910	957.000	5.910	965.000	5.510	968.000	5.410	976.000	-1.910	990.000
GR	-1.910	1010.000	5.410	1024.000	5.710	1025.000	6.210	1032.000	6.210	1040.000

NC	.100	.100	.015	.000	.000	.000	.000	.000	.000	.000
X1	44.850	10.000	976.000	1024.000	975.000	1035.000	1005.000	.000	100.000	.000
GR	5.910	957.000	5.910	965.000	5.510	968.000	5.410	976.000	-1.600	990.000
GR	-1.600	1010.000	5.410	1024.000	5.710	1025.000	6.210	1032.000	6.210	1040.000

X1	51.850	7.000	976.000	1024.000	700.000	700.000	700.000	.000	100.000	.000
GR	6.210	945.000	5.810	965.000	5.710	976.000	-1.390	990.000	-1.390	1010.000
GR	5.610	1024.000	5.910	1040.000	.000	.000	.000	.000	.000	.000

28' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	52.850	8.000	973.000	1028.000	100.000	100.000	100.000	.000	100.000	.000
GR	6.210	950.000	6.210	959.000	5.710	973.000	-1.360	987.000	-1.360	1015.000
GR	5.210	1028.000	5.410	1031.500	5.410	1045.000	.000	.000	.000	.000

GT	1.000	450.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	55.350	7.000	973.000	1029.000	250.000	250.000	250.000	.000	100.000	.000
GR	6.410	950.000	5.710	965.500	5.710	973.000	-1.290	987.000	-1.290	1015.000
GR	5.710	1029.000	5.710	1045.000	.000	.000	.000	.000	.000	.000

DOWNSTREAM FACE OF HWY 69 CULVERT -- AIRPORT-VITERBO DITCH

X1	55.850	7.000	977.000	1026.000	50.000	50.000	50.000	.000	100.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	6.010	955.000	6.410	975.000	6.310	977.000	-.370	990.500	-.370	1013.000
GR	6.010	1026.000	6.210	1030.000	.000	.000	.000	.000	.000	.000

SB	1.250	3.380	2.600	.000	22.500	1.500	105.000	.100	100.500	99.630
----	-------	-------	-------	------	--------	-------	---------	------	---------	--------

UPSTREAM FACE OF HWY 69 CULVERT -- AIRPORT-VITERBO DITCH

X1	59.100	.000	.000	.000	325.000	325.000	325.000	.000	.000	.000
X2	.000	.000	1.000	105.500	106.010	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	6.000	961.000	106.010	106.010	986.200	106.010	100.500	986.200	106.010	105.500
BT	1008.400	106.010	105.500	1008.400	106.010	100.500	1038.500	106.010	106.010	.000

12' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	59.700	8.000	976.000	1016.250	60.000	60.000	60.000	.000	100.000	.000
GR	6.510	961.000	6.210	976.000	.500	986.800	.500	1005.800	5.710	1016.250
GR	5.710	1024.000	5.960	1030.000	6.510	1038.500	.000	.000	.000	.000

CONFLUENCE OF LATERAL 2 -- AIRPORT-VITERBO DITCH

X1	63.500	9.000	985.000	1015.000	1040.000	930.000	990.000	.000	100.000	.000
GR	6.810	965.000	6.610	974.000	5.910	984.000	5.410	985.000	.880	994.000
GR	.880	1006.000	5.510	1015.000	6.010	1016.000	6.110	1030.000	.000	.000

QT	1.000	320.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

CONFLUENCE OF LATERAL 1 -- AIRPORT-VITERBO DITCH

TRANSITION TO 8' BOTTOM WIDTH

X1	69.000	9.000	985.000	1015.000	1040.000	930.000	990.000	.000	100.000	.000
GR	6.810	965.000	6.610	974.000	5.910	984.000	5.410	985.000	.950	994.000
GR	.950	1006.000	5.510	1015.000	6.010	1016.000	6.110	1030.000	.000	.000

QT	1.000	225.000	.000	.000	.000	.000	.000	.000	.000	.000
----	-------	---------	------	------	------	------	------	------	------	------

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
----	------	------	------	------	------	------	------	------	------	------

8' BOTTOM WIDTH -- AIRPORT-VITERBO DITCH

X1	80.350	8.000	991.750	1011.700	1135.000	1135.000	1130.000	.000	100.000	.000
GR	7.210	975.000	6.810	991.000	6.610	991.750	2.710	999.800	2.710	1004.800
GR	6.710	1011.700	7.310	1016.500	7.510	1022.000	.000	.000	.000	.000

X1	80.850	25.000	989.000	1011.000	60.000	40.000	50.000	.000	100.000	.000
----	--------	--------	---------	----------	--------	--------	--------	------	---------	------

X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
----	--------	------	------	------	------	------	------	------	------	------

GR	8.110	975.000	8.110	989.000	4.210	989.000	2.710	989.500	1.910	990.500
----	-------	---------	-------	---------	-------	---------	-------	---------	-------	---------

GR	1.710	991.500	1.910	992.500	2.710	993.500	4.210	994.000	4.210	997.500
----	-------	---------	-------	---------	-------	---------	-------	---------	-------	---------

GR	2.710	998.000	1.910	999.000	1.710	1000.000	1.910	1001.000	2.710	1002.000
----	-------	---------	-------	---------	-------	----------	-------	----------	-------	----------

GR	4.210	1002.500	4.210	1006.000	2.710	1006.500	1.910	1007.500	1.710	1008.500
----	-------	----------	-------	----------	-------	----------	-------	----------	-------	----------

GR	1.910	1009.500	2.710	1010.500	4.210	1011.000	8.110	1011.000	8.110	1022.000
----	-------	----------	-------	----------	-------	----------	-------	----------	-------	----------

DOWNSTREAM FACE OF HELENA AVENUE CULVERT -- AIRPORT-VITERBO DITCH

X1	80.860	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
----	--------	------	------	------	-------	-------	-------	------	------	------

BT	23.000	975.000	108.110	108.110	989.000	108.110	104.210	989.500	108.110	105.610
----	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

BT	990.500	108.110	106.460	991.500	108.110	106.710	992.500	108.110	106.460	993.500
----	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

BT	108.110	105.610	994.000	108.110	104.210	997.500	108.110	104.210	998.000	108.110
----	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

BT	105.610	999.000	108.110	106.460	1000.000	108.110	106.710	1001.000	108.110	106.460
----	---------	---------	---------	---------	----------	---------	---------	----------	---------	---------

BT	1002.000	108.110	105.610	1002.500	108.110	104.210	1006.000	108.110	104.210	1006.500
----	----------	---------	---------	----------	---------	---------	----------	---------	---------	----------

BT	108.110	105.610	1007.500	108.110	106.460	1008.500	108.110	106.710	1009.500	108.110
----	---------	---------	----------	---------	---------	----------	---------	---------	----------	---------

BT	106.460	1010.500	108.110	105.610	1011.000	108.110	104.210	1022.000	108.110	108.110
----	---------	----------	---------	---------	----------	---------	---------	----------	---------	---------

UPSTREAM FACE OF HELENA AVENUE CULVERT -- AIRPORT-VITERBO DITCH

X1	81.400	.000	.000	.000	60.000	60.000	60.000	.000	.000	.000
----	--------	------	------	------	--------	--------	--------	------	------	------

X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
----	------	------	------	------	------	------	-------	------	------	------

X1	81.410	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
----	--------	------	------	------	-------	-------	-------	------	------	------

X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
----	--------	------	------	------	------	------	------	------	------	------

X1	81.800	8.000	987.000	1013.000	30.000	50.000	40.000	.000	100.000	.000
----	--------	-------	---------	----------	--------	--------	--------	------	---------	------

GR	8.110	970.000	7.210	983.500	7.210	986.500	7.010	987.000	2.610	996.000
----	-------	---------	-------	---------	-------	---------	-------	---------	-------	---------

GR	2.610	1004.000	7.210	1013.000	7.910	1026.000	.000	.000	.000	.000
----	-------	----------	-------	----------	-------	----------	------	------	------	------

THIS RUN EXECUTED 04/10/90 11:57:45

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

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

UPPER MAIN "C" & AIRPORT

SUMMARY PRINTOUT

SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10X*8	VCH	HV	Q	QLOB	QCH	Q*OB
138.900	101.00	.00	.00	.00	13.38	4.90	.37	4095.00	.00	4095.00	.00
149.000	102.02	.00	1.02	.00	5.26	3.66	.21	4095.00	.00	4095.00	.00
151.400	102.23	.00	.22	.00	15.51	3.56	.20	4095.00	.00	4095.00	.00
151.800	102.30	.00	.06	.00	15.53	3.55	.20	4095.00	.00	4095.00	.00
152.600	102.35	.00	.05	.00	7.35	4.05	.25	4095.00	.00	4095.00	.00
171.700	103.44	.00	1.09	.00	2.80	2.78	.09	4095.00	382.28	3149.19	563.53
201.600	104.22	.00	.78	.00	2.14	2.15	.07	1990.00	.00	1990.00	.00
228.200	104.72	.00	.50	.00	1.18	1.52	.03	1130.00	36.15	1091.29	.51
229.200	104.72	.00	.00	.00	2.72	2.19	.07	1130.00	.00	1130.00	.00
232.800	104.72	.00	.01	.00	2.72	2.19	.07	1130.00	.00	1130.00	.00
233.300	104.67	.00	-.05	.00	1.19	3.49	.19	1130.00	.03	1129.93	.04
235.050	104.76	.00	.09	.00	.85	2.97	.14	975.00	.03	974.92	.04
235.650	104.80	.00	.05	.00	.57	2.60	.11	975.00	.03	974.93	.04
236.200	104.81	.00	.01	.00	.56	2.60	.10	975.00	.04	974.93	.04
236.800	104.80	.00	-.02	.00	.92	3.05	.14	975.00	.02	974.95	.02
243.900	104.86	.00	.06	.00	1.35	3.43	.18	975.00	.00	975.00	.00
244.500	104.92	.00	.06	.00	.91	3.01	.14	975.00	.00	975.00	.00

	SECNO	CWSEL	DIFWSP	DIFWSX	CRWS	10K*5	VCH	HV	Q	QLCB	QCH	QRUB
	245.000	104.93	.00	.01	.00	.90	3.00	.14	975.00	.00	975.00	.00
	245.650	104.91	.00	-.02	.00	1.55	3.61	.20	975.00	.00	975.00	.00
	253.200	105.02	.00	.11	.00	2.11	4.03	.25	975.00	.00	975.00	.00
	253.750	104.91	.00	-.11	.00	5.22	5.73	.51	975.00	.00	975.00	.00
	254.150	105.00	.00	.09	.00	4.98	5.64	.49	975.00	.00	975.00	.00
*	254.900	104.64	.00	-.36	104.64	24.75	10.26	1.64	975.00	.00	975.00	.00
	258.150	106.26	.00	1.62	.00	8.17	6.82	.72	975.00	.00	975.00	.00
	273.650	107.60	.00	1.34	.00	5.93	5.82	.53	815.00	.00	815.00	.00
	274.150	108.12	.00	.52	.00	1.00	2.90	.13	815.00	.00	815.00	.00
	276.150	108.14	.00	.01	.00	1.08	3.01	.14	815.00	.00	815.00	.00
	276.650	107.98	.00	-.16	.00	5.19	5.51	.47	815.00	.00	815.00	.00
	279.650	108.18	.00	.20	.00	4.57	5.26	.43	815.00	.00	815.00	.00
	280.650	108.57	.00	.39	.00	.98	3.05	.14	815.00	.04	814.92	.04
	281.300	108.59	.00	.02	.00	1.60	3.80	.22	815.00	.04	814.92	.04
	281.950	108.52	.00	-.06	.00	3.24	4.96	.38	815.00	.05	814.91	.04
	293.950	108.94	.00	.42	.00	4.74	5.56	.48	815.00	.00	815.00	.00
	294.220	108.96	.00	.02	.00	4.68	5.54	.48	815.00	.00	815.00	.00
	294.600	109.29	.00	.33	.00	3.70	5.16	.41	815.00	.02	814.96	.02
	294.750	109.40	.00	.11	.00	3.11	4.64	.33	670.00	.02	669.96	.03
	306.900	109.81	.00	.41	.00	4.47	5.16	.41	670.00	.00	670.00	.00
	307.450	110.21	.00	.40	.00	.89	2.72	.11	670.00	.00	670.00	.00
	307.900	110.84	.00	.63	.00	.84	2.80	.12	570.00	.04	669.92	.04
	308.400	110.75	.00	-.09	.00	3.02	4.48	.31	575.00	.04	574.92	.03
	319.750	111.13	.00	.38	.00	3.46	4.40	.30	495.00	.00	495.00	.00
	321.350	111.18	.00	.05	.00	3.79	4.51	.32	495.00	.00	495.00	.00
	321.950	111.33	.00	.14	.00	2.43	3.76	.22	495.00	.00	495.00	.00

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*9	VCH	FV	Q	QLLB	QCH	QRQB
326.950	111.44	.00	.11	.00	2.80	4.01	.25	495.00	.00	495.00	.00
327.550	111.64	.00	.20	.00	.94	2.59	.10	495.00	.00	495.00	.00
327.850	112.29	.00	.65	.00	.66	2.28	.08	495.00	.00	495.00	.00
328.350	112.25	.00	-.04	.00	1.76	3.38	.18	495.00	.00	495.00	.00
334.350	112.35	.00	.10	.00	2.31	3.74	.22	495.00	.00	495.00	.00
334.850	112.52	.00	.17	.00	.80	2.45	.09	495.00	.00	495.00	.00
335.150	113.18	.00	.66	.00	.57	2.16	.07	495.00	.00	495.00	.00
335.650	113.14	.00	-.04	.00	1.49	3.18	.16	495.00	.00	495.00	.00
340.700	113.20	.00	.06	.00	2.76	3.93	.24	495.00	.00	495.00	.00
341.200	113.33	.00	.14	.00	1.34	3.01	.14	495.00	.12	494.76	.12
341.500	114.23	.00	.89	.00	1.35	3.26	.18	495.00	2.95	489.10	2.95
342.000	114.26	.00	.03	.00	1.27	3.10	.15	495.00	3.90	486.97	4.24
346.650	114.33	.00	.08	.00	1.12	2.90	.13	495.00	4.22	486.55	4.22
347.150	114.40	.00	.07	.00	.62	2.29	.08	495.00	3.04	488.93	3.04
347.500	115.20	.00	.80	.00	.53	2.28	.08	495.00	5.49	484.02	5.49
348.000	115.19	.00	.00	.00	.65	2.44	.09	495.00	7.96	479.08	7.96
350.150	115.20	.00	.00	.00	.96	2.75	.12	495.00	4.43	486.13	4.43
350.250	115.28	.00	.08	.00	.46	1.84	.05	290.00	3.62	282.77	3.62
351.250	115.28	.00	.00	.00	.51	1.90	.05	290.00	3.84	282.32	3.84
351.540	115.25	.00	-.04	.00	1.99	2.91	.13	290.00	.36	289.27	.36
351.550	115.16	.00	-.09	.00	21.52	4.51	.31	290.00	.87	288.25	.87
351.850	115.24	.00	.08	.00	19.69	4.39	.30	290.00	1.29	287.42	1.29
351.860	115.51	.00	.27	.00	1.15	2.41	.09	290.00	.77	288.47	.77
352.250	115.51	.00	.00	.00	.66	2.48	.09	270.00	3.15	263.69	3.15
358.250	115.54	.00	.02	.00	1.78	3.36	.17	270.00	1.31	267.37	1.31
358.500	115.54	.00	.00	.00	1.91	3.43	.18	270.00	1.34	267.33	1.34

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*8	VCH	HV	Q	QLCB	QCH	QRCB
358.750	115.90	.00	.36	.00	1.45	3.16	.15	270.00	1.85	266.31	1.85
359.000	115.99	.00	.09	.00	1.46	3.16	.15	270.00	2.03	265.94	2.03
* 372.500	116.57	.00	.58	116.57	29.80	8.07	1.01	270.00	.00	270.00	.00
372.850	117.52	.00	.95	.00	5.23	4.43	.31	270.00	.00	270.00	.00
373.200	117.78	.00	.26	.00	4.18	4.09	.26	270.00	.00	270.00	.00
373.400	117.69	.00	-.09	.00	9.19	5.49	.47	270.00	.00	270.00	.00
373.410	117.69	.00	.00	.00	9.19	5.49	.47	270.00	.00	270.00	.00
* 373.600	118.42	.00	.74	118.42	39.21	9.52	1.41	270.00	.00	270.00	.00
* 374.200	119.46	.00	1.03	118.40	13.16	6.49	.62	270.00	6.91	256.19	6.91
374.650	120.16	.00	.70	.00	.79	2.54	.09	270.00	12.57	244.65	12.57
391.400	120.32	.00	.16	.00	2.91	3.88	.23	270.00	3.76	265.81	.43
-201.600	104.22	.00	-16.10	.00	.30	2.15	.07	1990.00	6.07	1983.93	.00
.500	104.15	.00	-.07	.00	10.96	3.68	.21	860.00	9.96	848.71	1.33
9.850	105.07	.00	.92	.00	7.77	3.23	.16	860.00	.33	846.33	13.34
17.850	105.80	.00	.73	.00	7.70	3.13	.15	860.00	.00	855.36	4.64
34.550	106.49	.00	.69	.00	5.56	2.84	.12	860.00	4.74	853.77	1.49
44.850	106.66	.00	.17	.00	.80	2.87	.13	860.00	2.42	856.65	.93
51.850	106.72	.00	.06	.00	.68	2.95	.13	860.00	2.95	855.06	2.00
52.850	106.78	.00	.06	.00	.53	2.41	.09	860.00	1.45	855.51	3.03
55.350	106.87	.00	.09	.00	.14	1.25	.02	450.00	1.15	447.74	1.11
55.850	106.86	.00	-.01	.00	.32	1.67	.04	450.00	.87	448.93	.19
59.100	107.09	.00	.23	.00	.28	1.61	.04	450.00	1.32	448.41	.27
59.700	107.08	.00	-.01	.00	.58	2.15	.07	450.00	.97	445.86	3.17
63.500	107.12	.00	.05	.00	1.26	3.05	.14	450.00	1.92	445.36	2.72
69.000	107.31	.00	.18	.00	.58	2.10	.07	320.00	1.87	315.75	2.38
80.350	107.36	.00	.05	.00	3.12	3.54	.19	225.00	.80	223.98	.21

SECNO	CWSEL	DIFWSP	DIFWSX	CRIWS	10K*S	VCH	HV	Q	QLLB	QCH	GROB
80.850	107.52	.00	.16	.00	1.33	2.23	.08	225.00	.00	225.00	.00
80.860	107.43	.00	-.09	.00	13.26	4.07	.26	225.00	.00	225.00	.00
81.400	107.51	.00	.08	.00	13.26	4.07	.26	225.00	.00	225.00	.00
81.410	107.75	.00	.24	.00	1.15	2.12	.07	225.00	.00	225.00	.00
81.800	107.75	.00	-.01	.00	1.20	2.41	.09	225.00	.35	224.47	.18
93.550	107.93	.00	.18	.00	3.38	3.38	.18	225.00	.00	225.00	.00
95.550	108.11	.00	.19	.00	1.78	2.20	.08	105.00	.00	105.00	.00
102.050	108.25	.00	.13	.00	3.17	2.73	.12	105.00	.00	105.00	.00
109.050	108.51	.00	.26	.00	5.91	3.43	.18	105.00	.00	105.00	.00

UPPER MAIN "C" & AIRPORT

SUMMARY PRINTOUT

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
138.900	4095.00	.00	.00	118.00	11004.00	11122.00
149.000	4095.00	22.65	1010.00	119.73	11002.91	11122.64
151.400	4095.00	28.90	240.00	120.11	1002.67	1122.78
151.800	4095.00	29.96	40.00	120.20	1002.61	1122.81
152.600	4095.00	31.95	80.00	120.29	1002.55	1122.84
171.700	4095.00	163.67	2150.00	4287.72	9616.08	14024.81
201.600	1990.00	355.35	2990.00	112.65	11005.84	11118.49
228.200	1130.00	413.43	2660.00	407.35	704.93	1119.30
229.200	1130.00	415.15	100.00	71.50	964.25	1035.75
232.800	1130.00	419.41	360.00	71.49	964.26	1035.74
233.300	1130.00	419.89	50.00	54.77	972.76	1027.53
235.050	975.00	421.20	175.00	55.13	972.60	1027.72
235.650	975.00	421.69	60.00	55.16	972.43	1027.59
236.200	975.00	422.17	55.00	55.19	972.42	1027.61
236.800	975.00	422.65	60.00	54.55	972.81	1027.36
243.900	975.00	427.57	710.00	51.37	974.31	1025.69
244.500	975.00	427.99	60.00	51.76	974.13	1025.89
245.000	975.00	428.37	50.00	51.79	974.11	1025.91
245.650	975.00	428.81	65.00	50.41	974.80	1025.20
253.200	975.00	433.25	755.00	48.39	975.80	1024.20
253.750	975.00	433.51	55.00	31.40	984.30	1015.70
254.150	975.00	433.67	40.00	31.40	984.30	1015.70
* 254.900	975.00	433.90	75.00	29.32	985.34	1014.66
258.150	975.00	434.79	325.00	35.27	982.37	1017.63

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
273.650	815.00	439.82	1550.00	33.99	983.00	1017.00
274.150	815.00	440.06	50.00	52.48	971.36	1023.84
276.150	815.00	441.33	200.00	50.42	970.09	1020.51
276.650	815.00	441.57	50.00	35.45	982.27	1017.73
279.650	815.00	442.61	300.00	36.29	981.86	1018.14
280.650	815.00	443.10	100.00	47.49	976.25	1023.75
281.300	815.00	443.46	65.00	38.03	972.99	1011.01
281.950	815.00	443.74	65.00	33.77	980.96	1014.73
293.950	815.00	448.04	1200.00	31.87	984.05	1015.91
294.220	815.00	448.13	27.00	32.05	983.98	1016.02
294.600	815.00	448.26	38.00	33.07	983.47	1016.53
294.750	670.00	448.31	15.00	31.00	984.55	1015.55
306.900	670.00	452.14	1215.00	29.75	982.63	1012.38
307.450	670.00	452.38	55.00	46.49	976.75	1023.25
307.900	670.00	452.63	45.00	42.05	973.74	1015.78
308.400	575.00	452.84	50.00	28.60	986.75	1015.35
319.750	495.00	455.99	1135.00	26.94	987.41	1014.35
321.350	495.00	456.40	160.00	26.70	986.55	1013.25
321.950	495.00	456.57	60.00	31.09	982.87	1013.56
326.950	495.00	458.03	500.00	28.99	985.50	1014.50
327.550	495.00	458.25	60.00	39.15	980.34	1019.49
327.850	495.00	458.39	30.00	41.13	979.34	1020.47
328.350	495.00	458.60	50.00	31.29	984.35	1015.65
334.350	495.00	460.52	600.00	29.92	985.04	1014.96
334.850	495.00	460.71	50.00	39.91	980.05	1019.95
335.150	495.00	460.87	32.00	41.90	979.05	1020.95

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
335.650	495.00	461.08	48.00	32.16	983.92	1016.08
340.700	495.00	462.71	505.00	30.53	983.74	1014.27
341.200	495.00	462.88	50.00	80.00	960.00	1040.00
341.500	495.00	463.00	30.00	61.28	960.00	1021.28
342.000	495.00	463.23	50.00	80.00	960.00	1040.00
346.650	495.00	465.50	465.00	80.00	960.00	1040.00
347.150	495.00	465.78	50.00	80.00	960.00	1040.00
347.500	495.00	466.00	36.00	69.36	960.00	1029.36
348.000	495.00	466.33	50.00	80.00	960.00	1040.00
350.150	495.00	467.61	215.00	80.00	960.00	1040.00
350.250	290.00	467.66	10.00	80.00	960.00	1040.00
351.250	290.00	468.15	100.00	80.00	960.00	1040.00
351.540	290.00	468.26	29.00	34.64	980.00	1014.64
351.550	290.00	468.26	1.00	40.00	980.00	1020.00
351.850	290.00	468.31	30.00	40.00	980.00	1020.00
351.860	290.00	468.31	1.00	40.00	980.00	1020.00
352.250	270.00	468.44	39.00	60.00	970.00	1030.00
358.250	270.00	470.10	600.00	31.92	984.04	1015.96
358.500	270.00	470.15	25.00	31.95	984.03	1015.97
358.750	270.00	470.21	25.00	34.97	982.51	1017.49
359.000	270.00	471.63	600.00	35.76	982.12	1017.68
* 372.500	270.00	473.76	1350.00	16.84	991.58	1008.42
372.850	270.00	473.80	35.00	18.81	990.59	1009.41
373.200	270.00	473.85	35.00	19.35	990.33	1009.67
373.400	270.00	473.88	20.00	16.93	991.54	1008.46
373.410	270.00	473.88	1.00	16.93	991.54	1008.46

	SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
*	373.600	270.00	473.90	20.00	10.05	994.98	1005.02
*	374.200	270.00	473.90	5.00	80.00	960.00	1040.00
	374.650	270.00	474.05	45.00	80.00	960.00	1040.00
	391.400	270.00	479.99	1675.00	40.68	970.00	1010.68
	-201.600	1990.00	479.99	.00	1033.20	1.00	1118.49
	.500	860.00	480.39	25.00	66.00	969.00	1035.00
	9.850	860.00	486.16	935.00	60.00	975.00	1035.00
	17.850	860.00	492.28	930.00	62.26	974.74	1037.00
	34.550	860.00	499.31	1005.00	83.00	957.00	1040.00
	44.850	860.00	506.79	1005.00	83.00	957.00	1040.00
	51.850	860.00	512.07	700.00	95.00	945.00	1040.00
	52.850	860.00	512.90	100.00	95.00	950.00	1045.00
	55.350	450.00	515.18	250.00	95.00	950.00	1045.00
	55.850	450.00	515.57	50.00	75.00	955.00	1030.00
	59.100	450.00	517.77	325.00	75.00	955.00	1030.00
	59.700	450.00	518.14	60.00	77.50	961.00	1038.50
	63.500	450.00	522.89	990.00	65.00	965.00	1030.00
	69.000	320.00	527.00	990.00	65.00	965.00	1030.00
	80.350	225.00	530.35	1130.00	42.76	975.00	1017.76
	80.850	225.00	530.44	50.00	22.00	989.00	1011.00
	80.860	225.00	530.45	1.00	22.00	989.00	1011.00
	81.400	225.00	530.52	60.00	22.00	989.00	1011.00
	81.410	225.00	530.52	1.00	22.00	989.00	1011.00
	81.800	225.00	530.62	40.00	47.46	975.47	1022.94
	93.550	225.00	532.91	1200.00	24.29	987.94	1012.24
	95.550	105.00	533.17	200.00	20.42	989.79	1010.21

SECNO	Q	VOL	XLCH	TOPWID	SSTA	ENDST
102.050	105.00	533.81	650.00	18.54	988.73	1007.27
109.050	105.00	534.37	700.00	16.66	989.60	1006.27

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 254.900 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 254.900 PROFILE= 1 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 372.500 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 372.500 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 372.500 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 373.600 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 373.600 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 373.600 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 374.200 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL