

THIS RUN EXECUTED 11-07-88 08:52:57

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

ENO

RIVER

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01,02

MODIFICATION - 50,S1,52,53  
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END RIVER  
 Natural Profiles

C  
 T1 ORANGE COUNTY FIA STUDY

T2 END RIVER  
 T3 10-YR FLOOD JAN 1978 CWF

J2	ICHECK	INQ	NINQ	IDIR	STRT	METRIC	HVINS	U	WSQL	FD
	0.	2.	0.	0.	0.001600	0.00	0.0	0.	366.000	0.000
J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLUC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	30.000	1.000	5.000	42.000	41.000	4.000	0.000	38.000	1.000	13.000
	14.000	15.000	55.000	20.000	56.000	0.000	150.000	201.000	0.000	0.000
HC	0.100	0.100	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DT	5.000	9150.000	12770.000	13700.000	17750.000	13700.000	0.000	0.000	0.000	0.000

OE-1 VALLEY

X1	82850.000	17.000	1000.000	1575.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	379.100	857.000	359.500	951.000	359.200	957.000	356.500	1000.000	352.100	1002.000
GR	349.200	1012.000	349.500	1022.000	349.500	1032.000	350.200	1042.000	349.600	1052.000
GR	350.000	1062.000	350.900	1072.000	351.900	1073.000	357.100	1075.000	359.600	1083.000
GR	360.800	1157.000	380.500	1236.000	0.000	0.000	0.000	0.000	0.000	0.000

OE-2 VALLEY

X1	85150.000	14.000	1000.000	1079.000	2500.000	2300.000	2300.000	0.000	0.000	0.000
GR	383.100	729.000	372.100	829.000	364.200	881.000	362.700	929.000	361.800	1000.000
GR	352.800	1010.000	352.300	1020.000	352.000	1040.000	352.400	1050.000	352.200	1060.000
GR	352.700	1070.000	352.900	1075.000	358.600	1079.000	381.300	1122.000	0.000	0.000
DT	5.000	9000.000	12500.000	13600.000	17640.000	13600.000	0.000	0.000	0.000	0.000

OE-3 VALLEY

X1	87100.000	17.000	1000.000	1083.000	2030.000	2030.000	2030.000	0.000	0.000	0.000
GR	390.600	908.000	365.100	1000.000	359.100	1001.000	358.600	1011.000	358.300	1021.000
GR	358.400	1031.000	358.600	1041.000	359.000	1051.000	359.700	1061.000	360.200	1071.000
GR	360.200	1079.000	364.700	1083.000	366.100	1108.000	371.100	1208.000	379.500	1308.000
GR	383.000	1408.000	385.200	1473.000	0.000	0.000	0.000	0.000	0.000	0.000

OE-4 VALLEY

XI	89080.000	19.000	1000.000	1079.000	1900.000	1900.000	1900.000	0.000	0.000	0.000
GR	393.500	749.000	377.300	817.000	376.200	849.000	376.300	907.000	371.800	921.000
GR	371.900	949.000	368.800	1000.000	366.900	1002.000	366.500	1012.000	365.700	1022.000
GR	365.500	1032.000	365.600	1042.000	365.600	1052.000	366.000	1062.000	366.500	1066.000
GR	372.700	1075.000	377.400	1149.000	374.000	1246.000	392.700	1292.000	0.000	0.000

XI	91330.000	14.000	1000.000	1088.000	2250.000	2250.000	2250.000	0.000	0.000	0.000
GR	410.000	770.000	400.000	840.000	390.000	925.000	381.000	970.000	380.500	1000.000
GR	374.000	1005.000	372.500	1015.000	371.900	1044.000	372.500	1073.000	374.000	1083.000
GR	380.500	1088.000	381.000	1140.000	390.000	1170.000	410.000	1190.000	0.000	0.000
BT	5.000	8600.000	12100.000	13500.000	17370.000	15500.000	0.000	0.000	0.000	0.000

OE-5 VALLEY

XI	92830.000	19.000	1000.000	1093.000	1500.000	1500.000	1500.000	0.000	0.000	0.000
GR	407.900	825.000	399.400	927.000	308.500	958.000	384.100	1000.000	379.000	1000.000
GR	376.800	1016.000	376.700	1026.000	376.100	1036.000	376.200	1046.000	377.100	1056.000
GR	377.400	1066.000	377.100	1076.000	377.700	1086.000	379.300	1088.000	386.200	1093.000
GR	387.500	1125.000	390.100	1225.000	398.500	1325.000	406.300	1354.000	0.000	0.000
BT	5.000	8550.000	12050.000	13450.000	17320.000	13450.000	0.000	0.000	0.000	0.000

OE-6 VALLEY

XI	97480.000	14.000	1000.000	1064.000	4650.000	4650.000	4650.000	0.000	0.000	0.000
GR	413.500	636.000	405.200	736.000	460.800	856.000	595.100	956.000	592.000	1000.000
GR	383.900	1006.000	382.500	1016.000	382.500	1026.000	381.900	1036.000	382.000	1046.000
GR	382.300	1056.000	384.000	1061.000	386.800	1064.000	408.500	1115.000	0.000	0.000

OE-7 VALLEY

XI	99100.000	20.000	1000.000	1065.000	1620.000	1620.000	1620.000	0.000	0.000	0.000
GR	430.000	520.000	420.000	640.000	415.400	690.000	404.100	760.000	401.500	790.000
GR	402.800	890.000	402.800	960.000	391.900	995.000	386.700	1000.000	384.900	1001.000
GR	383.400	1011.000	383.600	1051.000	385.000	1061.000	389.100	1065.000	394.800	1090.000
GR	398.300	1190.000	406.800	1290.000	413.800	1361.000	420.000	1400.000	430.000	1450.000

XI	99340.000	21.000	930.000	1132.000	240.000	240.000	240.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	410.000	410.000	0.000
GR	430.000	520.000	420.000	640.000	401.500	790.000	402.500	930.000	402.500	950.000
GR	396.100	960.000	393.700	980.000	386.500	990.000	384.700	1000.000	383.700	1010.000
GR	385.700	1090.000	384.900	1070.000	389.600	1080.000	392.600	1090.000	395.000	1100.000
GR	396.200	1132.000	398.500	1190.000	400.000	1290.000	413.600	1361.000	420.000	1400.000
GR	430.000	1450.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.500	2.700	0.000	65.000	8.000	3275.000	3.270	385.100	385.000

OE-8 SR 1567 (PLEASANT GREEN RD)

XI	99380.000	16.000	930.000	1132.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	409.500	412.100	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	413.000	413.000	0.000
BT	14.000	675.000	425.800	0.000	775.000	419.100	0.000	875.000	412.800	0.000
BT	930.000	412.200	409.500	969.000	412.200	409.500	991.000	412.200	403.700	1044.000
BT	412.200	408.700	1046.000	412.200	409.500	1132.000	412.200	409.500	1175.000	412.100
BT	0.000	1275.000	413.300	0.000	1375.000	416.500	0.000	1475.000	422.500	0.000
BT	1527.000	425.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	430.000	730.000	420.000	820.000	410.000	880.000	400.000	950.000	388.500	990.000
GR	384.700	1000.000	383.700	1010.000	385.700	1040.000	384.900	1070.000	389.600	1080.000
GR	392.600	1090.000	400.000	1110.000	402.200	1132.000	410.000	1210.000	420.000	1260.000
GR	430.000	1360.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	99450.000	14.000	1000.000	1065.000	70.000	70.000	70.000	0.000	0.000	0.000
GR	430.000	730.000	420.000	520.000	410.000	680.000	400.000	930.000	387.200	1000.000
GR	385.400	1001.000	383.900	1011.000	384.100	1051.000	385.500	1061.000	389.100	1065.000
GR	400.000	1110.000	410.000	1210.000	420.000	1260.000	430.000	1360.000	0.000	0.000

OE-9 VALLEY

X1	99540.000	21.000	1000.000	1116.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	430.000	640.000	417.900	688.000	404.800	951.000	396.400	962.000	391.500	988.000
GR	389.000	1000.000	386.500	1004.000	384.800	1014.000	384.100	1044.000	384.800	1064.000
GR	385.800	1074.000	386.800	1084.000	386.800	1094.000	384.200	1104.000	386.300	1114.000
GR	388.000	1116.000	395.300	1131.000	399.800	1188.000	408.800	1311.000	420.000	1400.000
GR	430.000	1490.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.000	1.500	3.200	0.000	1.000	0.100	1.000	0.000	384.500	384.200

OE-10 DAM

X1	99570.000	15.000	970.000	1135.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	390.000	394.100	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	13.000	863.000	422.100	0.000	913.000	412.900	0.000	962.000	396.100	0.000
BT	1000.000	396.100	0.000	1000.000	394.100	0.000	1035.000	394.100	0.000	1035.000
BT	396.200	0.000	1196.000	396.500	0.000	1235.000	402.400	0.000	1265.000	406.000
BT	0.000	1355.000	416.700	0.000	1400.000	420.000	0.000	1490.000	430.000	0.000
GR	430.000	840.000	422.100	663.000	412.900	913.000	394.000	970.000	390.000	1000.000
GR	384.500	1015.000	384.500	1055.000	390.000	1070.000	394.000	1135.000	390.500	1196.000
GR	402.400	1235.000	406.000	1263.000	416.700	1355.000	420.000	1400.000	430.000	1490.000

X1	99850.000	15.000	1000.000	1170.000	280.000	280.000	280.000	0.000	0.000	0.000
GR	430.000	600.000	420.000	720.000	410.000	820.000	400.000	950.000	394.000	1000.000
GR	390.000	1050.000	380.000	1060.000	384.700	1085.000	380.000	1110.000	390.000	1120.000
GR	394.000	1170.000	400.000	1190.000	410.000	1300.000	420.000	1600.000	430.000	1700.000
QT	5.000	7800.000	11500.000	12900.000	17200.000	12900.000	0.000	0.000	0.000	0.000

X1	100500.000	15.000	1000.000	1100.000	650.000	650.000	650.000	0.000	0.000	0.000
GR	430.000	580.000	420.000	670.000	410.000	770.000	400.000	940.000	394.000	1000.000
GR	392.000	1015.000	387.000	1030.000	385.000	1050.000	387.000	1070.000	392.000	1085.000
GR	394.000	1100.000	400.000	1140.000	410.000	1170.000	420.000	1210.000	430.000	1290.000

OE-11 VALLEY

X1	103200.000	21.000	1000.000	1084.000	2700.000	2700.000	2700.000	0.000	0.000	0.000
GR	430.000	150.000	424.000	500.000	421.000	593.000	412.000	695.000	410.300	793.000
GR	405.000	893.000	397.900	993.000	597.600	1000.000	593.300	1003.000	390.100	1013.000
GR	388.900	1023.000	386.100	1033.000	386.900	1043.000	386.100	1053.000	386.500	1063.000
GR	386.500	1073.000	392.500	1081.000	397.900	1084.000	399.900	1093.000	422.000	1164.000
GR	430.000	1250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

OE-12 VALLEY

X1	106620.000	17.000	1000.000	1053.000	3420.000	3420.000	3420.000	0.000	0.000	0.000
GR	421.700	595.000	416.000	695.000	415.000	795.000	414.300	825.000	410.300	895.000
GR	399.400	995.000	400.000	1000.000	392.800	1005.000	391.000	1010.000	390.800	1020.000
GR	390.300	1030.000	389.900	1040.000	390.000	1050.000	399.300	1053.000	401.600	1095.000
GR	405.300	1195.000	421.400	1266.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	7400.000	11100.000	12500.000	17000.000	12500.000	0.000	0.000	0.000	0.000

DE-13 VALLEY

XI	110330.000	24.000	1000.000	1098.000	3710.000	3710.000	3710.000	0.000	0.000	0.000
GR	421.500	317.000	418.500	367.000	415.700	417.000	413.600	467.000	412.800	517.000
GR	411.900	567.000	412.800	617.000	415.600	667.000	416.600	717.000	409.800	817.000
GR	408.200	917.000	405.900	1000.000	397.500	1011.000	395.300	1021.000	395.600	1031.000
GR	396.000	1041.000	395.600	1051.000	395.400	1061.000	395.600	1071.000	396.000	1081.000
GR	398.000	1092.000	402.700	1098.000	405.900	1117.000	425.100	1176.000	0.000	0.000

DE-14 VALLEY

XI	114880.000	19.000	1000.000	1108.000	4550.000	4550.000	4550.000	0.000	0.000	0.000
GR	435.400	961.000	415.800	989.000	414.400	1000.000	411.100	1004.000	410.400	1014.000
GR	411.700	1024.000	411.400	1034.000	410.600	1044.000	411.000	1054.000	411.200	1064.000
GR	411.700	1074.000	411.500	1084.000	410.700	1094.000	411.300	1102.000	414.000	1108.000
GR	417.900	1161.000	418.000	1175.000	433.400	1261.000	434.600	1267.000	0.000	0.000

XI	116520.000	10.000	1000.000	1100.000	1640.000	1640.000	1640.000	0.000	0.000	0.000
GR	450.000	240.000	440.000	440.000	430.000	680.000	418.000	1000.000	414.000	1005.000
GR	414.000	1090.000	418.000	1100.000	430.000	1290.000	440.000	1360.000	450.000	1430.000
QT	5.000	6700.000	10300.000	11900.000	16500.000	11900.000	0.000	0.000	0.000	0.000

XI	118000.000	14.000	1000.000	1084.000	1480.000	1480.000	1480.000	0.000	-8.500	0.000
GR	455.900	908.000	435.400	981.000	433.000	1000.000	429.900	1009.000	429.200	1014.000
GR	428.300	1024.000	428.300	1034.000	428.900	1044.000	429.200	1054.000	429.500	1064.000
GR	429.700	1074.000	432.400	1084.000	432.200	1106.000	455.200	1171.000	0.000	0.000

DE-15 VALLEY

XI	119720.000	0.000	0.000	0.000	1720.000	1720.000	1720.000	0.000	8.500	0.000
QT	5.000	6540.000	10140.000	11740.000	16900.000	11740.000	0.000	0.000	0.000	0.000

DE-16 VALLEY

XI	128830.000	11.000	1000.000	1052.000	9110.000	9110.000	9110.000	0.000	0.000	0.000
GR	474.100	942.000	451.900	1000.000	448.500	1002.000	447.800	1012.000	445.300	1022.000
GR	446.100	1032.000	447.000	1042.000	447.700	1049.000	450.200	1052.000	460.400	1142.000
GR	471.300	1175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	130450.000	13.000	1000.000	1054.000	1620.000	1620.000	1620.000	0.000	0.000	0.000
GR	490.000	420.000	480.000	480.000	470.000	640.000	460.000	920.000	456.000	1000.000
GR	451.000	1010.000	449.900	1027.000	451.000	1044.000	450.000	1054.000	460.000	1000.000
GR	470.000	1110.000	480.000	1160.000	490.000	1200.000	0.000	0.000	0.000	0.000
QT	5.000	6380.000	9980.000	11580.000	16300.000	11580.000	0.000	0.000	0.000	0.000

XI	132000.000	12.000	1000.000	1056.000	1550.000	1550.000	1550.000	0.000	0.000	0.000
GR	490.000	800.000	480.000	860.000	470.000	925.000	461.000	1000.000	456.000	1010.000
GR	454.300	1029.000	456.000	1048.000	461.000	1058.000	462.000	1100.000	470.000	1140.000
GR	480.000	1180.000	490.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	133730.000	13.000	1000.000	1060.000	1730.000	1730.000	1730.000	0.000	0.000	0.000
GR	500.000	740.000	490.000	825.000	400.000	900.000	470.000	930.000	465.800	1000.000
GR	462.300	1005.000	459.300	1020.000	461.300	1050.000	464.800	1060.000	470.000	1075.000
GR	480.000	1090.000	490.000	1125.000	500.000	1180.000	0.000	0.000	0.000	0.000

XI	134620.000	13.000	1000.000	1066.000	1090.000	1090.000	1090.000	0.000	0.000	0.000
GR	500.000	820.000	490.000	870.000	480.000	920.000	470.000	980.000	469.500	1000.000

GR	464.000	1010.000	462.500	1033.000	464.000	1056.000	469.500	1066.000	470.000	1150.000
GR	480.000	1170.000	490.000	1270.000	500.000	1320.000	0.000	0.000	0.000	0.000
UT	5.000	6200.000	9800.000	11400.000	16200.000	11400.000	0.000	0.000	0.000	0.000
X1	137040.000	15.000	1000.000	1068.000	2220.000	2220.000	2220.000	0.000	0.000	0.000
GR	500.000	810.000	490.000	890.000	480.000	930.000	477.900	1000.000	472.500	1004.000
GR	470.600	1014.000	470.100	1024.000	469.500	1034.000	468.800	1044.000	470.400	1063.000
GR	476.200	1068.000	480.000	1160.000	490.000	1260.000	495.000	1520.000	500.000	1700.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	137295.000	20.000	970.000	1146.000	255.000	255.000	255.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	489.700	489.500	0.000
GR	500.000	810.000	490.000	890.000	480.000	930.000	478.500	970.000	477.300	1000.000
GR	472.300	1010.000	470.600	1020.000	470.200	1030.000	470.400	1040.000	470.700	1050.000
GR	470.800	1060.000	470.300	1070.000	469.300	1080.000	470.400	1090.000	477.200	1100.000
GR	479.300	1146.000	480.000	1160.000	490.000	1260.000	495.000	1520.000	500.000	1700.000
SB	1.250	1.500	2.800	0.000	62.000	7.000	2050.000	3.200	470.600	470.500
UL-17 SR 1561 (LAWRENCE RD)										
X1	137325.000	20.000	970.000	1146.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	488.700	490.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	490.850	490.400	0.000
BT	11.000	810.000	500.000	0.000	882.000	490.900	0.600	950.000	490.800	0.000
BT	970.000	491.200	0.000	1146.000	490.900	0.000	1150.000	490.700	0.000	1250.000
BT	490.400	0.000	1350.000	491.300	0.000	1450.000	493.500	0.000	1550.000	495.600
BT	0.000	1700.000	500.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	500.000	625.000	494.000	750.000	480.000	930.000	478.500	970.000	477.400	1000.000
GR	472.400	1010.000	470.700	1020.000	470.300	1030.000	470.500	1040.000	470.800	1050.000
GR	470.900	1060.000	470.400	1070.000	469.400	1080.000	470.500	1090.000	477.300	1100.000
GR	479.300	1146.000	480.000	1160.000	490.000	1260.000	495.000	1520.000	500.000	1700.000
X1	137400.000	15.000	1000.000	1068.000	75.000	75.000	75.000	0.000	0.000	0.000
GR	500.000	625.000	494.000	750.000	480.000	930.000	478.200	1000.000	472.800	1004.000
GR	470.900	1014.000	470.400	1024.000	469.800	1034.000	469.100	1044.000	469.400	1054.000
GR	470.700	1063.000	476.500	1068.000	480.000	1160.000	490.000	1260.000	500.000	1700.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
UT	5.000	5700.000	9200.000	10800.000	15700.000	10800.000	0.000	0.000	0.000	0.000
DE-18 VALLEY										
X1	138460.000	17.000	1000.000	1068.000	1060.000	1060.000	1060.000	0.000	0.000	0.000
GR	502.600	574.000	486.700	646.000	486.700	674.000	483.600	774.000	483.600	874.000
GR	480.600	974.000	477.600	1000.000	472.200	1004.000	470.300	1014.000	469.800	1024.000
GR	469.200	1034.000	468.500	1044.000	468.800	1054.000	470.100	1063.000	475.900	1068.000
GR	477.500	1074.000	496.200	1110.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	142600.000	19.000	1000.000	1077.000	4140.000	4140.000	4140.000	0.000	1.000	0.000
GR	516.000	735.000	515.600	745.000	504.400	835.000	490.200	935.000	485.800	1000.000
GR	480.300	1003.000	478.800	1013.000	478.500	1023.000	477.700	1033.000	477.700	1043.000
GR	477.800	1053.000	478.100	1063.000	480.400	1070.000	484.800	1077.000	488.300	1155.000
GR	488.300	1185.000	503.200	1235.000	508.400	1260.000	520.000	1360.000	0.000	0.000
NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000
X1	142850.000	20.000	920.000	1156.000	230.000	230.000	230.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	517.000	526.100	0.000
GR	516.000	735.000	515.600	745.000	504.400	835.000	492.100	920.000	490.200	935.000
GR	487.700	980.000	481.100	990.000	481.200	1000.000	480.300	1010.000	479.800	1020.000
GR	480.000	1030.000	479.600	1050.000	480.700	1070.000	481.500	1080.000	484.000	1090.000

GR	485.300	1092.000	488.300	1156.000	488.300	1185.000	503.200	1235.000	520.000	1360.000
SB	1.250	1.500	2.900	0.000	80.000	12.000	5916.000	1.800	479.000	479.000

CE-19 US 70 BYPASS

X1	142870.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	524.000	517.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	517.400	527.800	0.000
BT	8.000	520.000	519.400	0.000	620.000	518.200	0.000	720.000	517.400	0.000
BT	820.000	517.900	0.000	920.000	519.600	0.000	1156.000	527.800	0.000	1220.000
BT	530.900	0.000	1320.000	535.600	0.000	0.000	0.000	0.000	0.000	0.000
X1	142970.000	19.000	1000.000	1077.000	100.000	100.000	100.000	0.000	0.900	0.000
GR	516.000	735.000	515.600	745.000	504.400	835.000	490.200	935.000	485.600	1000.000
GR	480.300	1003.000	478.800	1013.000	478.500	1025.000	477.700	1033.000	477.700	1043.000
GR	477.800	1053.000	478.100	1063.000	480.400	1070.000	484.800	1077.000	480.300	1155.000
GR	488.300	1185.000	503.200	1235.000	506.400	1260.000	520.000	1360.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

OE-20 VALLEY

X1	143100.000	0.000	0.000	0.000	130.000	130.000	130.000	0.000	-0.900	0.000
QT	5.000	5700.000	9200.000	10800.000	15700.000	10800.000	0.000	0.000	0.000	0.000

X1	143700.000	15.000	1000.000	1076.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	520.000	740.000	510.000	800.000	500.000	870.000	490.000	950.000	480.500	1000.000
GR	497.500	1005.000	478.000	1038.000	479.500	1071.000	485.200	1076.000	490.000	1120.000
GR	500.000	1170.000	510.000	1200.000	520.000	1220.000	0.000	0.000	0.000	0.000

X1	144500.000	12.000	1000.000	1074.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	520.000	670.000	510.000	820.000	500.000	900.000	490.000	950.000	487.500	1000.000
GR	480.000	1005.000	478.600	1037.000	480.000	1069.000	485.700	1074.000	490.000	1080.000
GR	500.000	1095.000	520.000	1140.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	145110.000	15.000	1000.000	1072.000	610.000	610.000	610.000	0.000	0.000	0.000
GR	520.000	690.000	510.000	830.000	500.000	910.000	490.000	950.000	488.200	1000.000
GR	480.000	1005.000	478.700	1036.000	480.000	1067.000	486.200	1072.000	490.000	1100.000
GR	500.000	1140.000	510.000	1190.000	520.000	1210.000	0.000	0.000	0.000	0.000

X1	145650.000	13.000	1000.000	1071.000	400.000	540.000	540.000	0.000	0.000	0.000
GR	520.000	300.000	510.000	450.000	500.000	600.000	490.000	950.000	486.600	1000.000
GR	480.500	1005.000	479.000	1035.000	480.500	1066.000	486.500	1071.000	490.000	1080.000
GR	500.000	1090.000	510.000	1100.000	520.000	1180.000	0.000	0.000	0.000	0.000
QT	5.000	5400.000	8800.000	10400.000	15400.000	10400.000	0.000	0.000	0.000	0.000

X1	146800.000	14.000	1000.000	1068.000	500.000	1150.000	1150.000	0.000	0.000	0.000
GR	520.000	450.000	510.000	540.000	500.000	680.000	490.000	980.000	490.200	1000.000
GR	481.000	1005.000	479.600	1034.000	481.000	1063.000	487.300	1068.000	490.000	1080.000
GR	499.000	1110.000	501.000	1550.000	510.000	1660.000	520.000	1750.000	0.000	0.000

OE-21 VALLEY

X1	147650.000	17.000	1000.000	1066.000	850.000	830.000	830.000	0.000	0.000	0.000
GR	509.300	616.000	500.300	916.000	495.700	980.000	487.900	1000.000	481.300	1006.000
GR	480.300	1016.000	480.200	1036.000	480.000	1046.000	480.100	1060.000	491.200	1066.000
GR	495.500	1116.000	494.500	1216.000	496.500	1316.000	497.700	1416.000	498.600	1516.000
GR	502.000	1591.000	511.300	1631.000	0.000	0.000	0.000	0.000	0.000	0.000

3



X1	149350.000	13.000	1000.000	1066.000	1500.000	1700.000	1720.000	0.000	0.000	0.000
GR	520.000	330.000	510.000	370.000	500.000	500.000	490.000	940.000	491.700	1000.000
GR	482.900	1005.000	480.800	1033.000	482.000	1061.000	488.900	1066.000	490.000	1090.000
GR	500.000	1100.000	510.000	1130.000	520.000	1170.000	0.000	0.000	0.000	0.000

X1	150700.000	13.000	1000.000	1066.000	900.000	1050.000	1350.000	0.000	0.000	0.000
GR	520.000	640.000	510.000	730.000	500.000	800.000	491.000	960.000	492.100	1000.000
GR	483.000	1005.000	481.400	1033.000	483.000	1061.000	489.600	1066.000	490.000	1091.000
GR	500.000	1600.000	510.000	1660.000	520.000	1720.000	0.000	0.000	0.000	0.000

X1	151850.000	13.000	1000.000	1066.000	1100.000	800.000	1150.000	0.000	0.000	0.000
GR	520.000	300.000	510.000	390.000	500.000	460.000	492.000	940.000	492.500	1000.000
GR	483.500	1005.000	482.000	1033.000	483.500	1061.000	490.500	1066.000	492.000	1080.000
GR	500.000	1290.000	510.000	1420.000	520.000	1480.000	0.000	0.000	0.000	0.000

DE-22 VALLEY

X1	152930.000	21.000	1000.000	1057.000	1080.000	1080.000	1060.000	0.000	0.000	0.000
GR	511.100	271.000	506.900	371.000	502.500	471.000	499.400	571.000	499.500	671.000
GR	498.400	771.000	498.400	871.000	497.900	971.000	492.800	1000.000	484.800	1006.000
GR	482.500	1016.000	483.700	1026.000	484.700	1036.000	485.000	1046.000	485.600	1052.000
GR	490.900	1057.000	499.300	1071.000	501.100	1171.000	500.900	1271.000	500.500	1371.000
GR	510.500	1471.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	5.000	5320.000	6700.000	10300.000	15300.000	10300.000	0.000	0.000	0.000	0.000

DE-22A USGS GAGE (DISCONTINUED 1971)

X1	157880.000	21.000	1000.000	1061.000	1700.000	4950.000	4950.000	0.000	0.000	0.000
GR	530.000	330.000	520.000	390.000	510.000	470.000	505.000	591.000	505.000	691.000
GR	501.700	791.000	502.500	691.000	502.100	945.000	493.500	975.000	496.400	991.000
GR	493.700	1000.000	489.600	1001.000	487.400	1011.000	486.500	1021.000	487.700	1031.000
GR	489.400	1040.000	492.200	1051.000	494.000	1061.000	510.000	1110.000	520.000	1150.000
GR	530.000	1180.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

DE-23 VALLEY

X1	158560.000	16.000	1000.000	1043.000	680.000	680.000	680.000	0.000	0.000	0.000
GR	530.000	190.000	516.700	437.000	514.100	537.000	514.400	637.000	512.200	737.000
GR	506.700	637.000	501.300	937.000	494.800	1000.000	489.500	1005.000	488.500	1015.000
GR	488.900	1035.000	489.600	1039.000	497.700	1045.000	504.500	1114.000	518.900	1145.000
GR	530.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	158680.000	25.000	876.000	1150.000	120.000	120.000	120.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	520.100	539.000	0.000
GR	530.000	190.000	516.700	437.000	514.100	537.000	514.400	637.000	512.200	737.000
GR	506.700	837.000	504.700	876.000	501.200	926.000	500.500	936.000	496.900	956.000
GR	495.000	976.000	493.400	986.000	492.400	996.000	488.900	1006.000	488.500	1016.000
GR	488.600	1026.000	490.700	1056.000	494.400	1046.000	496.800	1056.000	499.300	1066.000
GR	500.600	1076.000	501.500	1086.000	504.500	1114.000	521.200	1150.000	530.000	1200.000
SB	1.250	1.500	2.900	0.000	43.000	12.000	6615.000	3.500	489.000	489.000

DE-24 NC 86

X1	158720.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	537.200	520.100	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	520.100	541.800	0.000

BT	9,000	190,000	530,000	0,000	342,000	521,600	0,000	442,000	520,700	0,000
BT	542,000	520,100	0,000	596,000	520,400	0,000	642,000	521,700	0,000	742,000
BT	525,800	0,000	842,000	529,800	0,000	876,000	531,000	0,000	0,000	0,000
X1	150800,000	13,000	1000,000	1043,000	80,000	80,000	80,000	0,000	0,100	0,000
GR	530,000	190,000	520,400	596,000	501,300	937,000	494,800	1000,000	489,300	1005,000
GR	488,500	1015,000	488,700	1025,000	488,900	1035,000	489,600	1039,000	497,700	1043,000
GR	504,500	1114,000	510,900	1145,000	530,000	1200,000	0,000	0,000	0,000	0,000
X1	158935,000	21,000	800,000	1060,000	135,000	135,000	135,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	519,100	520,000	0,000
GR	530,000	190,000	520,400	596,000	508,800	800,000	505,900	820,000	500,200	840,000
GR	500,500	850,000	497,600	870,000	496,000	910,000	495,100	926,000	493,800	950,000
GR	490,300	960,000	489,000	980,000	489,000	1000,000	490,400	1010,000	493,300	1020,000
GR	498,700	1030,000	499,600	1040,000	500,900	1060,000	504,500	1114,000	510,900	1145,000
GR	530,000	1200,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
SB	1,250	1,500	2,800	0,000	70,000	12,000	5162,000	4,500	489,600	489,500
DE-25 SR 1197										
X1	158965,000	22,000	800,000	1060,000	50,000	50,000	50,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	517,700	522,300	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	520,400	522,400	0,000
BT	9,000	190,000	530,000	0,000	545,000	520,400	0,000	596,000	520,700	0,000
BT	696,000	521,500	0,000	800,000	522,300	0,000	1060,000	522,400	0,000	1096,000
BT	522,500	0,000	1147,000	523,200	0,000	1200,000	530,000	0,000	0,000	0,000
GR	530,000	190,000	520,900	534,000	516,400	634,000	513,600	734,000	513,100	744,000
GR	502,700	771,000	501,200	800,000	499,500	834,000	497,600	870,000	493,800	950,000
GR	490,300	960,000	489,500	970,000	489,000	980,000	489,000	1000,000	490,400	1010,000
GR	493,300	1020,000	498,800	1034,000	500,000	1051,000	505,000	1060,000	515,800	1080,000
GR	517,500	1105,000	530,000	1200,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	159020,000	15,000	962,000	1009,000	55,000	55,000	55,000	0,000	0,000	0,000
GR	530,000	190,000	520,400	534,000	513,100	744,000	502,700	771,000	499,500	834,000
GR	497,700	934,000	493,500	962,000	489,500	965,000	489,100	975,000	489,600	985,000
GR	489,000	995,000	495,700	1009,000	500,000	1051,000	517,500	1105,000	530,000	1200,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	0,000	0,000	0,000
DE-26 VALLEY										
X1	159090,000	0,000	0,000	0,000	70,000	70,000	70,000	0,000	0,000	0,000
BT	5,000	5180,000	8530,000	10130,000	15070,000	16130,000	0,000	0,000	0,000	0,000
X1	161900,000	16,000	1000,000	1040,000	2810,000	2810,000	2810,000	0,000	0,000	0,000
GR	530,000	830,000	520,000	920,000	510,000	950,000	500,000	980,000	497,000	1000,000
GR	492,500	1008,000	491,900	1020,000	492,500	1032,000	497,000	1040,000	500,000	1080,000
GR	503,500	1090,000	505,000	1140,000	510,000	1160,000	514,000	1170,000	520,000	1400,000
GR	530,000	1440,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	162060,000	19,000	950,000	1059,000	160,000	160,000	160,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	524,000	524,000	0,000
GR	540,000	750,000	530,000	830,000	520,000	920,000	510,000	950,000	502,500	960,000
GR	495,500	990,000	491,000	1000,000	490,500	1010,000	490,500	1020,000	491,000	1030,000
GR	498,800	1050,000	499,500	1059,000	503,500	1090,000	505,000	1140,000	510,000	1160,000
GR	514,000	1170,000	520,000	1400,000	530,000	1440,000	540,000	1530,000	0,000	0,000
SB	0,100	1,500	3,000	0,000	52,000	0,100	2436,000	1,250	491,200	491,000

X1	162080.000	18.000	950.000	1059.000	20.000	20.000	20.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	519.700	530.700	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	532.000	532.000	0.000
BT	11.000	579.000	533.100	0.000	679.000	532.200	0.000	779.000	531.600	0.000
BT	879.000	530.800	0.000	950.000	530.700	519.700	1059.000	530.700	519.700	1079.000
BT	530.700	0.000	1179.000	331.300	0.000	1279.000	532.300	0.000	1379.000	533.400
BT	0.000	1462.000	534.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	540.000	300.000	530.000	480.000	520.000	620.000	513.700	788.000	505.300	836.000
GR	503.500	950.000	502.500	960.000	495.500	990.000	491.000	1000.000	490.500	1010.000
GR	490.500	1020.000	491.000	1030.000	498.800	1050.000	499.500	1059.000	510.000	1090.000
GR	520.000	1130.000	530.000	1250.000	540.000	1410.000	0.000	0.000	0.000	0.000

DE-28 VALLEY

X1	162200.000	19.000	1000.000	1035.000	120.000	120.000	120.000	0.000	0.000	0.000
GR	540.000	300.000	530.000	480.000	520.000	620.000	513.700	788.000	505.300	836.000
GR	504.900	847.000	503.500	947.000	503.800	968.000	496.800	1000.000	492.300	1003.000
GR	492.200	1013.000	493.400	1023.000	494.500	1030.000	497.600	1033.000	501.700	1047.000
GR	510.000	1090.000	520.000	1130.000	530.000	1250.000	540.000	1410.000	0.000	0.000

X1	162500.000	0.000	0.000	0.000	300.000	300.000	300.000	1.000	0.200	0.000
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X1	164270.000	13.000	1000.000	1060.000	900.000	1770.000	1770.000	0.000	0.000	0.000
GR	540.000	300.000	530.000	440.000	520.000	480.000	510.000	430.000	500.000	980.000
GR	500.000	1000.000	495.500	1010.000	493.400	1030.000	495.500	1050.000	500.000	1060.000
GR	500.000	1090.000	510.000	1110.000	540.000	1170.000	0.000	0.000	0.000	0.000

X1	165400.000	13.000	1000.000	1075.000	1130.000	1130.000	1130.000	0.000	0.000	0.000
GR	540.000	560.000	530.000	670.000	520.000	770.000	510.000	960.000	503.000	1000.000
GR	496.000	1015.000	494.100	1040.000	496.000	1065.000	503.000	1075.000	510.000	1160.000
GR	520.000	1330.000	530.000	1570.000	540.000	1440.000	0.000	0.000	0.000	0.000

X1	165580.000	18.000	1000.000	1087.000	180.000	180.000	180.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	515.000	511.000	0.000
GR	540.000	560.000	530.000	670.000	520.000	770.000	510.000	960.000	503.500	1000.000
GR	497.800	1010.000	495.700	1020.000	495.700	1050.000	496.200	1040.000	494.500	1050.000
GR	495.700	1060.000	496.300	1070.000	500.100	1080.000	503.100	1087.000	510.000	1160.000
GR	520.000	1330.000	530.000	1370.000	540.000	1440.000	0.000	0.000	0.000	0.000
SB	1.050	1.500	2.900	0.000	65.000	1.000	1509.000	0.790	495.600	495.500

DE-29 SR 1148

X1	165620.000	21.000	1000.000	1087.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	514.600	512.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	516.000	513.000	0.000
BT	18.000	550.000	540.000	0.000	650.000	530.000	0.000	740.000	522.000	0.000
BT	790.000	519.600	0.000	840.000	517.300	0.000	890.000	516.100	0.000	940.000
BT	516.100	0.000	990.000	517.100	0.000	1000.000	517.300	514.600	1087.000	517.300
BT	514.600	1140.000	514.500	0.000	1190.000	512.700	0.000	1240.000	512.000	0.000
BT	1290.000	512.600	0.000	1340.000	517.200	0.000	1390.000	522.000	0.000	1500.000
BT	530.000	0.000	1620.000	540.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	540.000	570.000	530.200	616.000	516.400	716.000	512.200	816.000	509.500	916.000
GR	503.500	1000.000	497.800	1010.000	495.700	1020.000	495.700	1030.000	496.200	1040.000
GR	494.500	1050.000	495.700	1060.000	496.300	1070.000	500.100	1080.000	503.100	1087.000
GR	506.200	1116.000	512.800	1216.000	519.400	1316.000	526.700	1386.000	530.000	1470.000
GR	540.000	1570.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

DE-30 VALLEY

X1	165730.000	22.000	1000.000	1079.000	110.000	110.000	110.000	0.000	0.000	0.000
GR	540.000	570.000	530.200	616.000	516.400	716.000	512.200	816.000	509.500	916.000
GR	503.400	1000.000	500.400	1002.000	495.900	1012.000	494.900	1022.000	495.400	1032.000
GR	494.400	1042.000	494.300	1052.000	495.200	1062.000	498.200	1072.000	500.300	1078.000
GR	504.000	1079.000	506.200	1116.000	512.800	1216.000	519.400	1316.000	526.700	1386.000
GR	530.000	1470.000	540.000	1570.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	166000.000	0.000	0.000	0.000	270.000	270.000	270.000	1.000	0.400	0.000
QT	5.000	5000.000	8500.000	9900.000	14800.000	9900.000	0.000	0.000	0.000	0.000

OE-31 VALLEY

X1	167210.000	14.000	1000.000	1067.000	1210.000	1210.000	1210.000	0.000	0.000	0.000
GR	540.000	800.000	531.200	850.000	512.700	950.000	507.800	1000.000	500.900	1015.000
GR	496.500	1025.000	496.700	1055.000	497.000	1045.000	498.300	1055.000	499.600	1065.000
GR	503.800	1067.000	525.400	1125.000	530.000	1190.000	540.000	1230.000	0.000	0.000

X1	171000.000	13.000	1000.000	1070.000	3790.000	3790.000	3790.000	0.000	0.000	0.000
GR	540.000	590.000	530.000	750.000	520.000	880.000	510.000	920.000	506.000	1000.000
GR	502.000	1010.000	500.500	1035.000	502.000	1060.000	507.000	1070.000	510.000	1130.000
GR	520.000	1165.000	530.000	1210.000	540.000	1325.000	0.000	0.000	0.000	0.000

X1	171205.000	17.000	950.000	1113.000	205.000	205.000	205.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	524.000	527.000	0.000
GR	540.000	590.000	530.000	750.000	520.000	880.000	510.000	920.000	506.300	950.000
GR	506.600	980.000	504.500	1000.000	499.700	1010.000	500.800	1020.000	500.600	1050.000
GR	502.700	1060.000	507.400	1070.000	509.200	1113.000	510.000	1130.000	520.000	1165.000
GR	530.000	1210.000	540.000	1325.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.500	2.700	0.000	49.000	12.000	2515.000	2.600	500.600	500.500

OE-32 SR 1134

X1	171255.000	18.000	950.000	1113.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	527.500	525.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	527.000	530.000	0.000
BT	13.000	720.000	540.000	0.000	797.000	537.300	0.000	886.000	525.800	0.000
BT	897.000	525.900	0.000	950.000	526.400	524.000	1009.000	527.600	525.300	1011.000
BT	527.600	524.300	1054.000	528.500	525.200	1056.000	528.500	526.200	1113.000	529.700
BT	527.400	1197.000	532.500	0.000	1283.000	537.300	0.000	1350.000	540.000	0.000
GR	540.000	740.000	530.000	630.000	525.500	634.000	525.200	693.000	525.200	909.000
GR	507.800	950.000	506.600	980.000	504.500	1000.000	499.700	1010.000	500.800	1020.000
GR	500.600	1050.000	502.700	1060.000	507.400	1070.000	514.200	1064.000	521.000	1113.000
GR	527.600	1126.000	530.000	1200.000	540.000	1280.000	0.000	0.000	0.000	0.000

OE-33 VALLEY

X1	171300.000	20.000	1000.000	1071.000	65.000	65.000	65.000	0.000	0.000	0.000
GR	540.000	740.000	530.000	630.000	525.500	634.000	525.200	693.000	523.200	909.000
GR	507.800	949.000	506.600	984.000	506.500	1000.000	501.800	1009.000	500.900	1019.000
GR	501.300	1029.000	501.500	1039.000	500.800	1049.000	500.800	1059.000	501.600	1064.000
GR	507.600	1071.000	514.200	1084.000	527.600	1126.000	530.000	1200.000	540.000	1280.000

OE-34 VALLEY

X1	171550.000	16.000	1000.000	1060.000	250.000	250.000	250.000	0.000	0.000	0.000
GR	540.000	680.000	530.000	720.000	524.600	637.000	524.100	646.000	523.600	856.000
GR	510.800	937.000	504.400	1000.000	504.000	1001.000	503.400	1011.000	503.600	1021.000
GR	503.300	1031.000	503.100	1041.000	503.300	1051.000	504.200	1060.000	526.800	1125.000

GR	540.000	1230.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	171600.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.100	0.000
SB	0.100	1.600	3.200	0.000	1.000	0.100	1.000	0.000	0.000	0.000
OE-35 DAM										
X1	171650.000	12.000	1000.000	1070.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	514.000	515.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	11.000	740.000	540.000	0.000	820.000	530.000	0.000	890.000	525.100	0.000
BT	935.000	520.100	0.000	980.000	520.100	0.000	980.000	515.000	0.000	1085.000
BT	515.000	0.000	1085.000	520.100	0.000	1125.000	520.100	0.000	1165.000	530.100
BT	0.000	1240.000	540.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	540.000	740.000	530.000	820.000	525.500	890.000	520.100	935.000	512.500	1000.000
GR	506.000	1010.000	504.500	1035.000	506.000	1060.000	512.500	1070.000	520.100	1125.000
GR	530.800	1165.000	540.000	1240.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	171825.000	11.000	1000.000	1070.000	175.000	175.000	175.000	0.000	0.000	0.000
GR	540.000	750.000	530.000	850.000	520.000	900.000	513.000	1000.000	506.500	1010.000
GR	505.000	1035.000	506.500	1060.000	513.000	1070.000	520.000	1130.000	530.000	1250.000
GR	540.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	172000.000	0.000	0.000	0.000	175.000	175.000	175.000	0.000	0.200	0.000
QT	5.000	4200.000	7200.000	8800.000	13500.000	8800.000	0.000	0.000	0.000	0.000
X1	172900.000	17.000	1000.000	1074.000	900.000	900.000	900.000	0.000	-0.400	0.000
GR	540.000	790.000	527.100	890.000	520.800	953.000	519.900	990.000	519.000	1000.000
GR	513.700	1007.000	508.000	1020.000	507.100	1030.000	506.800	1040.000	506.800	1050.000
GR	507.700	1060.000	513.500	1072.000	517.300	1074.000	518.200	1090.000	519.000	1190.000
GR	528.400	1290.000	538.100	1350.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	173050.000	20.000	1000.000	1074.000	150.000	150.000	150.000	0.000	-0.200	0.000
GR	540.000	790.000	530.200	885.000	529.800	950.000	524.200	950.100	519.000	1000.000
GR	513.700	1007.000	508.000	1020.000	507.100	1030.000	506.800	1040.000	506.800	1050.000
GR	507.700	1060.000	513.500	1072.000	517.300	1074.000	518.200	1090.000	518.400	1113.000
GR	520.100	1140.000	529.600	1141.000	518.800	1211.000	531.800	1311.000	538.100	1350.000
OE-56 (OLD BRIDGE SITE, SR 1144)										
X1	173070.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
OE-57 VALLEY										
X1	173200.000	17.000	1000.000	1074.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	540.000	790.000	527.100	890.000	520.800	953.000	519.900	990.000	519.000	1000.000
GR	513.700	1007.000	508.000	1020.000	507.100	1030.000	506.800	1040.000	506.800	1050.000
GR	507.700	1060.000	513.500	1072.000	517.300	1074.000	518.200	1090.000	519.000	1190.000
GR	528.400	1290.000	538.100	1350.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	173330.000	26.000	960.000	1107.000	120.000	120.000	120.000	0.000	-0.100	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	535.000	536.000	0.000
GR	545.300	685.000	541.400	785.000	532.400	885.000	524.000	960.000	523.200	977.000
GR	522.900	985.000	520.300	990.000	517.700	1000.000	515.000	1001.000	508.800	1005.000
GR	507.000	1010.000	507.000	1050.000	509.200	1057.000	515.000	1062.000	517.000	1063.000
GR	517.800	1075.000	518.000	1107.000	517.300	1140.000	518.300	1190.000	520.300	1208.000

GR	520.200	1240.000	526.300	1290.000	530.800	1340.000	537.400	1390.000	541.900	1440.000
GR	556.000	1540.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.800	0.000	50.000	5.000	2506.000	1.540	507.000	506.900

OE-36A SR 1144 (NEW BRIDGE SITE)

X1	173370.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.100	0.000
X2	0.000	0.000	1.000	534.000	536.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	536.400	536.100	0.000
BT	8.000	685.000	545.300	0.000	785.000	541.400	0.000	640.000	536.400	0.000
BT	1265.000	534.300	0.000	1315.000	540.300	0.000	1365.000	542.000	0.000	1415.000
BT	543.700	0.000	1464.000	545.700	0.000	0.000	0.000	0.000	0.000	0.000

X1	173420.000	26.000	1000.000	1063.000	50.000	50.000	50.000	0.000	0.100	0.000
GR	545.300	685.000	541.400	785.000	532.400	885.000	524.000	960.000	523.200	977.000
GR	522.900	985.000	520.300	990.000	517.700	1000.000	515.000	1001.000	508.800	1005.000
GR	507.000	1010.000	507.000	1050.000	509.200	1057.000	515.000	1062.000	517.000	1063.000
GR	517.800	1075.000	518.000	1107.000	517.300	1140.000	518.300	1190.000	520.300	1200.000
GR	520.200	1240.000	526.300	1290.000	530.800	1340.000	537.400	1390.000	541.900	1440.000
GR	556.000	1540.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.500	0.000	0.000	0.000	0.000	0.000

X1	173500.000	0.000	0.000	0.000	80.000	80.000	80.000	0.000	0.100	0.000
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X1	173850.000	0.000	0.000	0.000	350.000	350.000	350.000	0.000	0.600	0.000
NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000

X1	173920.000	15.000	1000.000	1058.000	70.000	70.000	70.000	0.000	-0.400	0.000
GR	550.000	730.000	537.200	914.000	519.200	979.000	517.900	1000.000	513.900	1002.000
GR	508.800	1011.000	508.300	1021.000	509.500	1031.000	509.200	1041.000	514.300	1056.000
GR	516.500	1058.000	520.000	1114.000	520.400	1128.000	536.500	1202.000	550.000	1270.000

X1	173970.000	17.000	1000.000	1058.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	550.000	970.000	537.800	970.100	526.700	980.000	519.900	990.000	517.700	1000.000
GR	513.600	1002.000	508.500	1011.000	508.000	1021.000	509.000	1031.000	508.900	1041.000
GR	514.000	1058.000	516.500	1058.000	517.200	1070.000	519.500	1080.000	525.200	1090.000
GR	535.600	1100.000	550.000	1100.100	0.000	0.000	0.000	0.000	0.000	0.000

OE-38 SOU RY

X1	173990.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.100	0.000
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X1	174050.000	15.000	1000.000	1058.000	60.000	60.000	60.000	0.000	-0.200	0.000
GR	550.000	730.000	537.200	914.000	519.200	979.000	517.900	1000.000	513.900	1002.000
GR	508.800	1011.000	508.300	1021.000	509.500	1031.000	509.200	1041.000	514.300	1056.000
GR	516.500	1058.000	520.000	1114.000	520.400	1128.000	536.500	1202.000	550.000	1270.000

OE-39 VALLEY

X1	174340.000	0.000	0.000	0.000	190.000	190.000	190.000	0.000	0.200	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

OE-40 VALLEY

X1	177530.000	16.000	1000.000	1070.000	3190.000	3190.000	3190.000	0.000	0.000	0.000
GR	544.700	683.000	534.200	783.000	531.300	883.000	522.000	983.000	521.400	1000.000

GR	514.000	1014.000	515.500	1024.000	511.200	1034.000	511.000	1044.000	511.400	1054.000
GR	510.200	1064.000	518.800	1070.000	521.300	1083.000	523.900	1117.000	530.000	1160.000
GR	540.000	1210.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

OE-42 VALLEY

X1	179320.000	12.000	1000.000	1057.000	1790.000	1790.000	1790.000	0.000	0.000	0.000
GR	558.000	730.000	542.800	830.000	532.700	902.000	529.900	930.000	525.500	1000.000
GR	519.500	1005.000	519.200	1015.000	519.300	1035.000	519.500	1051.000	525.200	1057.000
GR	527.700	1087.000	546.100	1128.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	179420.000	13.000	990.000	1080.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	179600.000	13.000	940.000	1108.000	180.000	180.000	180.000	0.000	1.500	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.800	0.000	112.000	9.000	3475.000	1.160	522.000	521.800

OE-41 US 70

X1	179640.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.200	0.000
X2	0.000	0.000	1.000	548.000	551.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	551.000	551.000	0.000
BT	7.000	730.000	559.800	0.000	785.000	551.900	0.000	892.000	551.000	0.000
BT	1192.000	551.000	0.000	1292.000	552.100	0.000	1592.000	553.800	0.000	1492.000
BT	556.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	179700.000	13.000	990.000	1080.000	60.000	60.000	60.000	0.000	2.400	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
BT	5.000	4130.000	7070.000	8700.000	13400.000	8700.000	0.000	0.000	0.000	0.000

X1	180000.000	0.000	0.000	0.000	500.000	300.000	500.000	0.000	2.500	0.000
NC	0.000	0.000	0.000	0.000	0.800	0.000	0.000	0.000	0.000	0.000

OE-44 DAM

X1	180300.000	9.000	1010.000	1110.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	557.000	924.000	554.500	930.000	542.900	1010.000	537.900	1011.000	537.800	1109.000
GR	547.500	1110.000	548.000	1140.000	551.300	1224.000	555.000	1250.000	0.000	0.000

X1	180350.000	12.000	1000.000	1080.000	50.000	50.000	50.000	0.000	0.200	0.000
GR	557.000	924.000	553.600	990.000	532.500	1000.000	528.600	1017.000	528.500	1037.000
GR	528.200	1047.000	527.600	1057.000	528.100	1069.000	535.300	1080.000	534.800	1124.000
GR	551.300	1224.000	555.000	1250.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	181000.000	13.000	1050.000	1100.000	650.000	650.000	650.000	0.000	-1.600	0.000
GR	560.000	820.000	550.000	890.000	540.000	960.000	538.000	1000.000	536.000	1050.000
GR	530.000	1060.000	530.000	1090.000	536.000	1100.000	536.000	1150.000	538.000	1210.000

GR	540.000	1270.000	550.000	1310.000	560.000	1380.000	0.000	0.000	0.000	0.000
QT	5.000	3750.000	6500.000	8100.000	12800.000	8100.000	0.000	0.000	0.000	0.000

X1	182280.000	0.000	0.000	0.000	1280.000	1280.000	1280.000	0.000	1.600	0.000
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X1	183080.000	0.000	0.000	0.000	800.000	800.000	800.000	0.000	1.000	0.000
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X1	186440.000	12.000	1000.000	1039.000	3360.000	3360.000	3360.000	0.000	0.000	0.000
GR	570.000	725.000	560.000	830.000	550.000	675.000	540.000	980.000	540.000	1000.000
GR	535.000	1008.000	535.000	1026.000	540.000	1039.000	540.000	1230.000	550.000	1290.000
GR	560.000	1360.000	570.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	3640.000	6350.000	7950.000	12650.000	7800.000	0.000	0.000	0.000	0.000

OE-45 VALLEY

X1	189090.000	15.000	1000.000	1039.000	2650.000	2650.000	2650.000	0.000	0.000	0.000
GR	564.600	648.000	562.500	748.000	559.000	848.000	545.300	948.000	544.700	1000.000
GR	538.800	1008.000	538.300	1010.000	538.400	1020.000	538.600	1026.000	543.200	1039.000
GR	545.300	1048.000	548.200	1060.000	550.300	1248.000	561.400	1348.000	564.600	1358.000
QT	5.000	3530.000	6200.000	7800.000	12500.000	7800.000	0.000	0.000	0.000	0.000

X1	189200.000	13.000	1000.000	1039.000	110.000	110.000	110.000	0.000	0.600	0.000
GR	565.000	800.000	545.300	948.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	545.200	1039.000	543.300	1048.000	548.200	1060.000
GR	549.300	1163.000	561.500	1270.000	565.300	1280.000	0.000	0.000	0.000	0.000

X1	189300.000	13.000	1000.000	1039.000	100.000	100.000	100.000	0.000	1.100	0.000
GR	565.000	800.000	545.300	948.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	545.200	1039.000	543.300	1048.000	548.200	1060.000
GR	548.400	1065.000	561.500	1190.000	565.000	1200.000	0.000	0.900	0.000	0.000
NC	0.000	0.000	0.000	0.600	0.800	0.000	0.000	0.000	0.000	0.000

X1	189430.000	15.000	1000.000	1039.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	574.300	840.000	559.600	961.000	551.500	965.000	546.400	948.000	546.300	1000.000
GR	540.400	1008.000	539.900	1010.000	540.000	1020.000	540.200	1026.000	544.000	1039.000
GR	544.900	1048.000	551.200	1064.000	558.500	1086.000	572.200	1107.000	576.100	1124.000
SB	0.000	1.600	3.000	0.000	0.100	0.090	1.000	0.000	540.000	539.900

OE-45A DAM

X1	189450.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.100	0.000
X2	0.000	0.000	1.000	551.700	551.800	0.000	0.000	0.000	0.000	0.000
BT	11.000	840.000	574.300	0.000	901.000	559.600	0.000	903.000	555.000	0.000
BT	910.000	554.700	0.000	940.000	551.800	0.000	995.000	553.700	0.000	1040.000
BT	555.000	0.000	1065.000	556.900	0.000	1066.000	556.500	0.000	1107.000	572.200
BT	0.000	1124.000	576.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	189470.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.100	0.000
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X1	189480.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
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X1	189490.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
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X1	189500.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
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	0.000	0.000	0.000	0.100	0.500	0.000	0.000	0.000	0.000	0.000
X1 189525.000	0.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
X1 189550.000	0.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
X1 189575.000	0.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
X1 189600.000	0.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
X1 189800.000	0.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.900	0.000
X1 190000.000	0.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.900	0.000
X1 190500.000	0.000	0.000	0.000	0.000	500.000	500.000	500.000	0.000	2.600	0.000
OE-46 VALLEY										
X1 191000.000	15.000	1000.000	1065.000	500.000	500.000	500.000	0.000	0.000	0.000	0.000
GR 573.700	874.000	557.300	947.000	555.600	974.000	554.900	1000.000	552.200	1002.000	
GR 548.000	1012.000	547.900	1022.000	547.400	1032.000	547.200	1042.000	548.900	1052.000	
GR 551.800	1065.000	556.200	1065.000	556.800	1080.000	566.500	1115.000	574.500	1130.000	
X1 191100.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.100	0.000	
X1 191200.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.100	0.000	
QT 5.000	5200.000	5700.000	7200.000	11800.000	7200.000	0.000	0.000	0.000	0.000	
X1 192000.000	0.000	0.000	0.000	800.000	800.000	800.000	0.000	0.800	0.000	
X1 193000.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.000	0.000	
OE-47 VALLEY										
X1 197000.000	11.000	1000.000	1046.000	4000.000	4000.000	4000.000	0.000	0.000	0.000	
GR 583.000	852.000	563.100	952.000	562.500	1000.000	555.600	1007.000	554.600	1017.000	
GR 553.900	1027.000	554.800	1037.000	563.900	1046.000	564.200	1052.000	575.100	1152.000	
GR 588.200	1252.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
X1 199480.000	13.000	1000.000	1044.000	2480.000	2480.000	2480.000	0.000	0.000	0.000	
GR 590.000	750.000	580.000	865.000	570.000	930.000	565.700	956.000	564.600	1000.000	
GR 556.800	1008.000	556.400	1018.000	556.400	1039.000	561.300	1044.000	566.800	1061.000	
GR 570.000	1100.000	580.000	1170.000	590.000	1450.000	0.000	0.000	0.000	0.000	
NC 0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000	
X1 199585.000	15.000	960.000	1079.000	105.000	105.000	105.000	0.000	0.000	0.000	
X3 10.000	0.000	0.000	0.000	0.000	0.000	0.000	573.700	574.400	0.000	
GR 590.000	750.000	580.000	865.000	570.000	930.000	565.500	960.000	564.600	1000.000	
GR 556.800	1008.000	556.400	1018.000	556.400	1039.000	561.300	1044.000	566.800	1061.000	
GR 566.800	1078.000	568.300	1079.000	570.000	1100.000	580.000	1170.000	590.000	1450.000	
SB 1.250	1.600	2.800	0.000	29.000	5.600	1155.000	2.620	556.500	556.400	

OE-48 SR 1336

X1	199615.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.100	0.000
X2	0.000	0.000	1.000	573.500	574.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	574.500	575.200	0.000
BT	8.000	756.000	584.700	0.000	841.000	580.100	0.000	845.000	579.000	0.000
BT	904.000	576.100	0.000	960.000	574.600	0.000	1079.000	575.200	0.000	1093.000
BT	575.300	0.000	1120.000	583.400	0.000	0.000	0.000	0.000	0.000	0.000

X1	199700.000	12.000	1000.000	1039.000	85.000	85.000	85.000	0.000	-1.700	0.000
GR	586.500	756.000	581.900	841.000	577.700	856.000	567.700	913.000	567.200	956.000
GR	566.600	1000.000	558.800	1008.000	558.400	1018.000	558.400	1039.000	563.300	1044.000
GR	568.800	1056.000	585.200	1120.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.500	0.000	0.000	0.000	0.000	0.000

OE-49 VALLEY

X1	199980.000	0.000	0.000	0.000	280.000	280.000	280.000	0.000	1.700	0.000
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OE-50 VALLEY

X1	201320.000	12.000	1000.000	1044.000	1340.000	1340.000	1340.000	0.000	0.000	0.000
GR	590.200	932.000	569.200	982.000	568.900	1000.000	561.200	1004.000	561.000	1014.000
GR	559.700	1024.000	560.200	1034.000	561.600	1039.000	566.700	1044.000	570.400	1132.000
GR	573.600	1232.000	589.000	1332.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	201950.000	0.000	0.000	0.000	630.000	630.000	630.000	0.000	1.300	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR = 01,02  
 MODIFICATION = 50,51,52,53  
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T1 ORANGE COUNTY FIA STUDY  
 T2 END RIVER  
 T3 50-YR FLOOD JAN 1978 CWF

J1	ICHECK	INW	NINW	IDIR	SIRT	METRIC	HVINS	U	WSEL	ED
	-10.	3.	0.	0.	0.001600	0.00	0.0	0.	371.000	0.000
J2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALLUC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*PROF 2

\*SECNO 82850.000

SECNO	DEPTH	WSEL	CRINS	WSELK	EG	HV	HL	OLUSS	BANK ELEV
Q	ULOB	OCH	GRUB	ALUB	ACH	ANOB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRUB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

OE-1 VALLEY

82850.00	18.35	367.55	0.00	371.00	368.23	0.69	0.00	0.00	356.50
12770.	1474.	9769.	1527.	621.	1304.	710.	0.	0.	357.10
0.00	2.57	7.49	2.15	0.100	0.050	0.100	0.000	349.20	852.40
0.001597	0.	0.	0.	0	0	4	0.00	271.93	1184.34

\*SECNO 85150.000

OE-2 VALLEY

85150.00	19.00	371.00	0.00	0.00	371.64	0.64	3.41	0.00	361.80
12770.	2415.	10105.	250.	1136.	1411.	146.	141.	14.	358.60
0.10	2.13	7.16	1.72	0.100	0.050	0.100	0.050	352.00	836.24
0.001381	2300.	2300.	2300.	2	0	0	0.00	266.25	1102.49

\*SECNO 87180.000

OE-3 VALLEY

87180.00	15.96	374.26	0.00	0.00	375.10	0.84	5.46	0.00	363.10
12500.	441.	10105.	1954.	208.	1249.	648.	257.	27.	364.70
0.19	2.11	8.09	2.31	0.100	0.050	0.100	0.050	358.30	962.65
0.002164	2030.	2030.	2030.	2	0	0	0.00	283.01	1245.66

\*SECNO 89080.000

OE-4 VALLEY

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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01.02

MODIFICATION - 50,51,52,53  
 \*\*\*\*\*

T1 ORANGE COUNTY FIA STUDY  
 T2 ENO RIVER  
 T3 100-YR FLOOD JAN 1978 CWF

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVHS	Q	WSEL	FW
	-10.	4.	0.	0.	0.001600	0.00	0.0	0.	573.000	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*PROF 3

\*SECNO 82850.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	ER	HV	HL	WLOSS	SANK	ELEV
Q	WLOB	WCH	GRDB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TUPNID	ENDST	

OE-1 VALLEY

82850.00	18.95	368.15	0.00	373.00	368.85	0.70	0.00	0.00	356.50	
13700.	1650.	10306.	1744.	675.	1349.	776.	0.	0.	357.10	
0.00	2.45	7.64	2.25	0.100	0.050	0.100	0.000	349.20	909.53	
0.001588	0.	0.	0.	0	0	"	0.00	271.23	1106.76	

\*SECNO 85150.000

OE-2 VALLEY

85150.00	19.59	371.59	0.00	0.00	372.26	0.67	3.41	0.00	361.80	
13700.	2736.	10681.	283.	1233.	1458.	160.	149.	14.	358.60	
0.10	2.22	7.53	1.77	0.100	0.050	0.100	0.050	352.00	852.36	
0.001385	2300.	2300.	2300.	2	0	0	0.00	271.24	1103.60	

\*SECNO 87180.000

OE-3 VALLEY

87180.00	16.56	374.86	0.00	0.00	375.73	0.87	3.47	0.00	363.10	
13600.	507.	10602.	2291.	231.	1298.	946.	273.	28.	364.70	
0.18	2.19	8.32	2.42	0.100	0.050	0.100	0.050	358.30	960.67	
0.002173	2030.	2030.	2030.	2	0	0	0.00	292.07	1252.73	

\*SECNO 89080.000

OE-4 VALLEY

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HECR RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

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T1 ORANGE COUNTY FIA STUDY

T2 ENO RIVER

T3 500-YR FLOOD JAN 1978 CWF

J1	ICHECK	IND	NINV	IDIR	STRI	BE TRIC	HVUS	W	WSEL	EQ
	-10.	5.	0.	0.	0.001600	0.00	0.0	0.	379.000	0.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRAC
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*PROF 4

\*SECNO 82850.000

SECNO	DEPTH	WSEL	CRINS	WSELK	EG	HV	HL	OLUSS	BANK ELEV
U	QLOB	QCH	OROB	ALOB	ACH	ARDG	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTW	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

OE-1 VALLEY

82850.00	21.21	370.41	0.00	379.00	371.20	0.79	0.00	0.00	356.50
17750.	2444.	12593.	2713.	891.	1518.	1039.	0.	0.	357.10
0.00	2.74	8.29	2.61	0.100	0.050	0.100	0.000	349.20	898.69
0.001598	0.	0.	0.	0	0	5	0.00	297.22	1195.42

\*SECNO 85150.000

OE-2 VALLEY

85150.00	21.88	373.86	0.00	0.00	374.64	0.76	3.44	0.00	361.80
17750.	4224.	13080.	440.	1639.	1639.	221.	183.	16.	358.60
0.10	2.58	7.98	1.99	0.100	0.050	0.100	0.050	352.00	812.78
0.001405	2300.	2300.	2300.	2	0	0	0.00	295.17	1107.95

\*SECNO 87180.000

OE-3 VALLEY

87180.00	18.82	377.12	0.00	0.00	378.05	0.93	3.41	0.00	363.10
17640.	788.	13144.	3708.	329.	1486.	1360.	339.	30.	364.70
0.18	2.40	8.85	2.75	0.100	0.050	0.100	0.050	358.50	453.10
0.002051	2030.	2030.	2030.	2	0	0	0.00	326.55	1279.65

\*SECNO 89080.000

OE-4 VALLEY

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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01,02

MODIFICATION - 50,51,52,53  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD JAN 1978 CWF

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
82850.000	365.02	365.62	349.20	0.00	249.53
82850.000	367.55	368.23	349.20	0.00	271.93
82850.000	368.15	368.85	349.20	0.00	277.23
82850.000	377.41	371.20	349.20	0.00	297.22
85150.000	368.47	369.02	352.00	0.00	244.79
85150.000	371.00	371.64	352.00	0.00	260.25
85150.000	371.59	372.26	352.00	0.00	271.24
85150.000	373.88	374.64	352.00	0.00	295.17
87180.000	371.80	372.58	358.30	0.00	245.49
87180.000	374.26	375.10	358.30	0.00	283.01
87180.000	374.86	375.73	358.30	0.00	292.07
87180.000	377.12	378.05	358.30	0.00	326.55
89080.000	377.20	378.08	365.50	0.00	424.83
89080.000	379.14	379.98	365.50	0.00	449.55
89080.000	379.69	380.52	365.50	0.00	453.08
89080.000	381.61	382.41	365.50	0.00	465.82
91330.000	384.65	385.59	371.90	0.00	200.45
91330.000	386.24	387.49	371.90	0.00	213.62
91330.000	386.66	388.01	371.90	0.00	217.13
91330.000	388.06	389.77	371.90	0.00	220.82
92830.000	389.13	390.02	376.10	0.00	231.50
92830.000	391.23	392.29	376.10	0.00	288.20
92830.000	391.85	392.99	376.10	0.00	297.32
92830.000	393.73	394.97	376.10	0.00	325.12
97480.000	399.12	399.83	381.90	0.00	227.78
97480.000	401.59	402.43	381.90	0.00	281.04
97480.000	402.45	403.33	381.90	0.00	302.58
97480.000	404.44	405.43	381.90	0.00	352.54
99100.000	401.38	401.87	383.40	0.00	262.81
99100.000	404.01	404.55	383.40	0.00	496.03
99100.000	404.90	405.44	383.40	0.00	512.53
99100.000	407.01	407.57	383.40	0.00	549.61

SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
99340.000	401.82	402.07	383.70	0.00	180.94
99340.000	404.44	404.76	383.70	0.00	202.00
99340.000	405.31	405.66	383.70	0.00	202.00
99340.000	407.34	407.78	383.70	0.00	202.00
99380.000	401.85	402.09	383.70	409.50	198.52
99380.000	404.48	404.79	383.70	409.50	202.00
99380.000	405.35	405.69	383.70	409.50	202.00
99380.000	407.40	407.82	383.70	409.50	202.00
99450.000	401.66	402.15	383.90	0.00	204.49
99450.000	404.23	404.85	383.90	0.00	243.44
99450.000	405.08	405.75	383.90	0.00	256.17
99450.000	407.07	407.89	383.90	0.00	286.12
99540.000	401.99	402.21	384.10	0.00	263.23
99540.000	404.63	404.91	384.10	0.00	302.72
99540.000	405.50	405.82	384.10	0.00	318.29
99540.000	407.57	407.97	384.10	0.00	356.54
99570.000	402.41	402.60	384.50	390.00	290.40
99570.000	405.00	405.24	384.50	390.00	318.40
99570.000	405.88	406.14	384.50	390.00	327.84
99570.000	407.94	408.26	384.50	390.00	351.71
99850.000	402.54	402.74	384.70	0.00	300.84
99850.000	405.13	405.38	384.70	0.00	363.30
99850.000	406.01	406.28	384.70	0.00	384.41
99850.000	408.09	408.41	384.70	0.00	434.27
100500.000	402.81	403.17	385.00	0.00	256.21
100500.000	405.37	405.84	385.00	0.00	307.41
100500.000	406.24	406.74	385.00	0.00	324.85
100500.000	408.29	408.91	385.00	0.00	365.84
103200.000	405.16	405.56	386.10	0.00	219.83
103200.000	407.96	408.49	386.10	0.00	281.72
103200.000	408.88	409.45	386.10	0.00	302.15
103200.000	411.22	411.90	386.10	0.00	390.46
106620.000	408.60	409.04	389.90	0.00	299.00
106620.000	411.64	412.09	389.90	0.00	351.46
106620.000	412.62	413.08	389.90	0.00	372.96
106620.000	415.18	415.66	389.90	0.00	449.63
110330.000	411.94	412.20	395.30	0.00	354.33
110330.000	414.86	415.15	395.30	0.00	618.42
110330.000	415.79	416.08	395.30	0.00	679.05
110330.000	418.26	418.56	395.30	0.00	783.55
114880.000	417.87	419.35	410.40	0.00	174.52
114880.000	420.20	421.76	410.40	0.00	204.56
114880.000	420.91	422.53	410.40	0.00	209.53
114880.000	422.82	424.70	410.40	0.00	222.95

SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
116520.000	428.62	425.07	414.00	0.00	381.33
116520.000	426.59	427.15	414.00	0.00	464.93
116520.000	427.26	427.85	414.00	0.00	493.38
116520.000	429.20	429.86	414.00	0.00	576.11
118000.000	428.37	429.72	419.80	0.00	145.06
118000.000	430.26	432.11	419.80	0.00	156.93
118000.000	430.84	432.97	419.80	0.00	160.62
118000.000	432.30	435.22	419.80	0.00	169.79
119720.000	438.19	439.10	428.30	0.00	153.33
119720.000	440.49	441.71	428.30	0.00	167.85
119720.000	441.45	442.77	428.30	0.00	173.84
119720.000	443.89	445.49	428.30	0.00	189.22
128830.000	461.50	462.10	445.30	0.00	170.42
128830.000	464.63	465.59	445.30	0.00	188.05
128830.000	465.80	466.63	445.30	0.00	194.65
128830.000	468.76	469.78	445.30	0.00	211.38
130450.000	464.42	464.96	449.90	0.00	297.11
130450.000	467.55	468.07	449.90	0.00	394.01
130450.000	468.74	469.25	449.90	0.00	430.61
130450.000	471.74	472.22	449.90	0.00	506.61
132000.000	467.69	468.49	454.30	0.00	184.18
132000.000	470.31	471.33	454.30	0.00	218.25
132000.000	471.31	472.39	454.30	0.00	228.80
132000.000	473.80	475.06	454.30	0.00	254.94
133730.000	472.66	473.50	459.30	0.00	156.95
133730.000	475.41	476.49	459.30	0.00	169.32
133730.000	476.41	477.60	459.30	0.00	173.82
133730.000	478.96	480.46	459.30	0.00	185.33
134820.000	475.61	476.18	462.30	0.00	206.07
134820.000	478.46	479.17	462.30	0.00	234.64
134820.000	479.55	480.30	462.30	0.00	245.46
134820.000	482.33	483.19	462.30	0.00	284.98
137040.000	481.11	481.92	468.80	0.00	245.53
137040.000	483.71	484.60	468.80	0.00	281.96
137040.000	484.72	485.63	468.80	0.00	296.07
137040.000	487.31	488.29	468.80	0.00	332.30
137295.000	482.29	482.59	469.30	0.00	176.00
137295.000	484.81	485.24	469.30	0.00	176.00
137295.000	485.77	486.26	469.30	0.00	176.00
137295.000	488.22	488.89	469.30	0.00	176.00
137325.000	482.34	482.64	469.40	488.70	176.00
137325.000	484.88	485.31	469.40	488.70	176.00
137325.000	485.84	486.33	469.40	488.70	176.00
137325.000	489.07	489.67	469.40	488.70	176.00



SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
137400.000	482.33	482.90	469.10	0.00	283.27
137400.000	484.90	485.54	469.10	0.00	341.91
137400.000	485.88	486.55	469.10	0.00	364.40
137400.000	489.17	489.78	469.10	0.00	439.72
138460.000	484.10	484.53	468.50	0.00	328.85
138460.000	486.72	487.26	468.50	0.00	417.94
138460.000	487.70	488.27	468.50	0.00	433.49
138460.000	490.68	491.24	468.50	0.00	463.63
142600.000	490.47	491.09	478.70	0.00	243.05
142600.000	493.33	494.03	478.70	0.00	278.48
142600.000	494.35	495.09	478.70	0.00	289.13
142600.000	496.94	497.81	478.70	0.00	316.05
142830.000	491.33	491.54	479.60	0.00	229.94
142830.000	494.17	494.43	479.60	0.00	236.00
142830.000	495.20	495.49	479.60	0.00	236.00
142830.000	497.82	498.22	479.60	0.00	236.00
142870.000	491.38	491.59	479.60	524.00	230.34
142870.000	494.23	494.49	479.60	524.00	236.00
142870.000	495.27	495.56	479.60	524.00	236.00
142870.000	497.91	498.31	479.60	524.00	236.00
142970.000	491.36	491.82	478.60	0.00	259.13
142970.000	494.18	494.73	478.60	0.00	288.39
142970.000	495.21	495.80	478.60	0.00	299.10
142970.000	497.84	498.55	478.60	0.00	326.51
143100.000	491.68	492.00	477.70	0.00	271.72
143100.000	494.50	494.91	477.70	0.00	301.07
143100.000	495.53	495.98	477.70	0.00	311.84
143100.000	498.19	498.75	477.70	0.00	339.46
143700.000	492.41	493.05	478.00	0.00	190.58
143700.000	495.29	496.01	478.00	0.00	233.93
143700.000	496.35	497.10	478.00	0.00	249.99
143700.000	499.07	499.93	478.00	0.00	287.73
144500.000	493.94	494.32	478.60	0.00	149.53
144500.000	496.86	497.47	478.60	0.00	171.60
144500.000	497.96	498.65	478.60	0.00	179.70
144500.000	500.71	501.68	478.60	0.00	202.26
145110.000	494.55	494.87	478.70	0.00	186.43
145110.000	497.70	498.15	478.70	0.00	211.59
145110.000	498.87	499.38	478.70	0.00	220.94
145110.000	501.87	502.54	478.70	0.00	254.29
145650.000	495.00	495.30	479.00	0.00	309.86
145650.000	498.27	498.62	479.00	0.00	427.71
145650.000	499.50	499.86	479.00	0.00	471.96
145650.000	502.68	503.04	479.00	0.00	532.92

SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
146800.000	495.86	496.14	479.60	0.00	295.20
146800.000	499.09	499.44	479.60	0.00	424.10
146800.000	500.30	500.66	479.60	0.00	720.53
146800.000	503.41	503.70	479.60	0.00	947.27
147630.000	496.48	496.84	480.00	0.00	359.90
147630.000	499.76	500.10	480.00	0.00	618.16
147630.000	500.98	501.30	480.00	0.00	659.72
147630.000	503.97	504.26	480.00	0.00	724.24
149350.000	497.76	497.91	480.80	0.00	436.97
149350.000	500.95	501.12	480.80	0.00	542.92
149350.000	502.12	502.29	480.80	0.00	570.91
149350.000	505.02	505.21	480.80	0.00	640.54
150700.000	496.31	496.41	481.40	0.00	683.81
150700.000	501.47	501.56	481.40	0.00	819.16
150700.000	502.63	502.72	481.40	0.00	834.20
150700.000	505.54	505.63	481.40	0.00	872.02
151850.000	498.71	498.84	482.00	0.00	719.71
151850.000	501.81	501.91	482.00	0.00	866.14
151850.000	502.95	503.04	482.00	0.00	888.91
151850.000	505.84	505.93	482.00	0.00	946.76
152930.000	499.19	499.76	482.50	0.00	387.64
152930.000	502.20	502.64	482.50	0.00	907.32
152930.000	503.33	503.69	482.50	0.00	947.33
152930.000	506.22	506.46	482.50	0.00	1041.73
157880.000	504.13	504.40	486.50	0.00	444.51
157880.000	506.44	506.78	486.50	0.00	531.32
157880.000	507.20	507.57	486.50	0.00	554.35
157880.000	509.33	509.78	486.50	0.00	619.43
158560.000	504.67	505.14	488.50	0.00	239.70
158560.000	507.07	507.72	488.50	0.00	289.19
158560.000	507.87	508.60	488.50	0.00	305.41
158560.000	510.08	511.01	488.50	0.00	350.48
158680.000	505.22	505.37	488.50	0.00	239.56
158680.000	507.78	507.98	488.50	0.00	245.06
158680.000	508.65	508.90	488.50	0.00	246.95
158680.000	510.99	511.35	488.50	0.00	252.00
158720.000	505.26	505.40	488.50	537.20	239.63
158720.000	507.82	508.03	488.50	537.20	245.16
158720.000	508.70	508.95	488.50	537.20	247.06
158720.000	511.07	511.42	488.50	537.20	252.15
158800.000	505.19	505.61	488.60	0.00	245.95
158800.000	507.72	508.29	488.60	0.00	296.60
158800.000	508.60	509.23	488.60	0.00	314.06
158800.000	510.94	511.76	488.60	0.00	360.96

SECNU	CWSEL	EG	ELMIN	ELLC	TUPWID
158935.000	505.71	505.78	489.00	0.00	239.33
158935.000	508.38	508.51	489.00	0.00	257.13
158935.000	509.33	509.48	489.00	0.00	260.00
158935.000	511.82	512.05	489.00	0.00	260.00
158965.000	505.72	505.78	489.00	517.70	260.00
158965.000	508.40	508.51	489.00	517.70	260.00
158965.000	509.35	509.48	489.00	517.70	260.00
158965.000	511.85	512.05	489.00	517.70	260.00
159020.000	505.68	505.86	489.00	0.00	305.27
159020.000	508.36	508.60	489.00	0.00	320.47
159020.000	509.30	509.58	489.00	0.00	325.81
159020.000	511.79	512.17	489.00	0.00	339.97
159090.000	505.73	505.90	489.00	0.00	305.48
159090.000	508.41	508.65	489.00	0.00	320.72
159090.000	509.36	509.63	489.00	0.00	326.15
159090.000	511.86	512.24	489.00	0.00	340.39
161900.000	507.87	508.25	491.90	0.00	195.08
161900.000	510.93	511.45	491.90	0.00	215.14
161900.000	512.08	512.66	491.90	0.00	221.44
161900.000	515.10	515.84	491.90	0.00	277.38
162060.000	508.16	508.40	490.50	0.00	106.55
162060.000	511.21	511.63	490.50	0.00	109.00
162060.000	512.34	512.85	490.50	0.00	109.00
162060.000	515.28	516.09	490.50	0.00	109.00
162080.000	508.16	508.40	490.50	519.70	109.00
162080.000	511.21	511.63	490.50	519.70	109.00
162080.000	512.34	512.85	490.50	519.70	109.00
162080.000	515.28	516.09	490.50	519.70	109.00
162200.000	508.10	508.59	492.20	0.00	260.21
162200.000	511.30	511.79	492.20	0.00	293.56
162200.000	512.49	513.00	492.20	0.00	305.04
162200.000	515.74	516.28	492.20	0.00	379.35
162500.000	508.64	509.08	492.40	0.00	263.90
162500.000	511.79	512.24	492.40	0.00	298.28
162500.000	512.98	513.45	492.40	0.00	307.84
162500.000	516.20	516.71	492.40	0.00	387.47
164270.000	510.34	510.56	493.40	0.00	195.63
164270.000	513.47	513.80	493.40	0.00	343.10
164270.000	514.67	515.03	493.40	0.00	399.36
164270.000	517.84	518.27	493.40	0.00	548.38
165400.000	511.02	511.27	494.10	0.00	236.62
165400.000	514.28	514.61	494.10	0.00	354.03
165400.000	515.52	515.88	494.10	0.00	398.65
165400.000	518.74	519.16	494.10	0.00	514.52

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SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
165580.000	511.15	511.38	494.50	0.00	179.58
165580.000	514.40	514.74	494.50	0.00	234.95
165580.000	515.69	516.00	494.50	0.00	404.76
165580.000	518.91	519.29	494.50	0.00	520.73
165620.000	511.16	511.43	494.50	514.60	87.00
165620.000	514.61	514.93	494.50	514.60	243.41
165620.000	516.06	516.27	494.50	514.60	541.14
165620.000	519.16	519.39	494.50	514.60	616.27
165730.000	511.32	511.50	494.30	0.00	345.11
165730.000	514.80	515.00	494.30	0.00	492.02
165730.000	516.10	516.32	494.30	0.00	543.18
165730.000	519.21	519.45	494.30	0.00	617.61
166000.000	511.44	511.64	494.70	0.00	330.44
166000.000	514.91	515.14	494.70	0.00	461.00
166000.000	516.22	516.45	494.70	0.00	532.10
166000.000	519.33	519.58	494.70	0.00	611.22
167210.000	512.16	512.62	496.50	0.00	133.96
167210.000	515.54	516.22	496.50	0.00	163.90
167210.000	516.80	517.57	496.50	0.00	174.02
167210.000	519.76	520.87	496.50	0.00	198.20
171000.000	515.51	515.68	500.50	0.00	251.36
171000.000	519.21	519.43	500.50	0.00	279.06
171000.000	520.65	520.89	500.50	0.00	296.43
171000.000	524.24	524.54	500.50	0.00	359.16
171205.000	515.66	515.78	499.70	0.00	163.00
171205.000	519.33	519.52	499.70	0.00	163.00
171205.000	520.76	520.99	499.70	0.00	163.00
171205.000	524.39	524.64	499.70	0.00	290.01
171235.000	515.69	515.86	499.70	527.30	139.84
171235.000	519.38	519.63	499.70	527.30	154.29
171235.000	520.81	521.10	499.70	527.30	159.92
171235.000	524.44	524.85	499.70	527.30	163.00
171300.000	515.68	515.92	500.80	0.00	160.11
171300.000	519.35	519.70	500.80	0.00	181.15
171300.000	520.78	521.18	500.80	0.00	189.35
171300.000	524.39	524.95	500.80	0.00	216.42
171550.000	515.84	516.13	503.10	0.00	185.56
171550.000	519.54	519.92	503.10	0.00	218.74
171550.000	520.98	521.41	503.10	0.00	231.77
171550.000	524.64	525.18	503.10	0.00	277.93
171600.000	515.89	516.19	503.20	0.00	185.11
171600.000	519.58	519.97	503.20	0.00	218.30
171600.000	521.03	521.46	503.20	0.00	231.27
171600.000	524.69	525.24	503.20	0.00	276.69

SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
171650.000	520.63	520.91	504.50	514.00	196.37
171650.000	522.22	522.77	504.50	514.00	215.67
171650.000	522.94	523.61	504.50	514.00	224.36
171650.000	525.44	526.37	504.50	514.00	254.50
171825.000	520.77	521.03	505.00	0.00	243.21
171825.000	522.52	522.99	505.00	0.00	272.77
171825.000	523.31	523.87	505.00	0.00	286.24
171825.000	525.06	526.68	505.00	0.00	331.41
172000.000	520.89	521.16	505.20	0.00	241.81
172000.000	522.72	523.19	505.20	0.00	272.95
172000.000	523.54	524.10	505.20	0.00	286.98
172000.000	526.24	526.94	505.20	0.00	332.77
172900.000	521.59	521.81	506.40	0.00	280.61
172900.000	523.81	524.17	506.40	0.00	326.46
172900.000	524.77	525.19	506.40	0.00	346.41
172900.000	527.64	528.14	506.40	0.00	403.48
173050.000	521.68	521.95	506.60	0.00	211.63
173050.000	523.92	524.38	506.60	0.00	264.96
173050.000	524.89	525.44	506.60	0.00	279.62
173050.000	527.74	528.44	506.60	0.00	320.35
173070.000	521.70	521.96	506.60	0.00	211.83
173070.000	523.95	524.40	506.60	0.00	265.48
173070.000	524.92	525.47	506.60	0.00	279.96
173070.000	527.78	528.47	506.60	0.00	320.73
173200.000	521.83	522.07	506.80	0.00	277.46
173200.000	524.21	524.57	506.80	0.00	326.59
173200.000	525.25	525.66	506.80	0.00	347.98
173200.000	528.22	528.70	506.80	0.00	406.71
173330.000	521.95	522.18	506.90	0.00	120.36
173330.000	524.34	524.74	506.90	0.00	147.00
173330.000	525.37	525.86	506.90	0.00	147.00
173330.000	528.27	528.98	506.90	0.00	147.00
173370.000	521.98	522.21	507.00	534.00	120.23
173370.000	524.40	524.81	507.00	534.00	147.00
173370.000	525.44	525.94	507.00	534.00	147.00
173370.000	528.37	529.09	507.00	534.00	147.00
173420.000	522.03	522.25	507.10	0.00	267.30
173420.000	524.56	524.89	507.10	0.00	318.99
173420.000	525.66	526.04	507.10	0.00	337.91
173420.000	528.81	529.24	507.10	0.00	398.88
173500.000	522.08	522.31	507.20	0.00	266.92
173500.000	524.63	524.96	507.20	0.00	318.52
173500.000	525.74	526.12	507.20	0.00	337.54
173500.000	528.09	529.32	507.20	0.00	398.47

SECNO	CWSEL	EG	ELHIN	ELLC	TOPWID
173850.000	522.33	522.59	507.80	0.00	263.31
173850.000	524.95	525.31	507.80	0.00	313.80
173850.000	526.09	526.49	507.80	0.00	333.28
173850.000	529.25	529.70	507.80	0.00	393.68
173920.000	522.36	522.72	507.90	0.00	171.49
173920.000	524.96	525.52	507.90	0.00	191.49
173920.000	526.08	526.74	507.90	0.00	200.12
173920.000	529.18	530.05	507.90	0.00	224.02
173970.000	522.38	522.85	508.00	0.00	98.62
173970.000	524.93	525.78	508.00	0.00	106.93
173970.000	526.03	527.08	508.00	0.00	109.79
173970.000	529.01	530.61	508.00	0.00	115.72
173990.000	522.41	522.88	508.10	0.00	98.58
173990.000	524.97	525.83	508.10	0.00	106.72
173990.000	526.07	527.13	508.10	0.00	109.65
173990.000	529.06	530.67	508.10	0.00	115.63
174050.000	522.65	523.01	508.10	0.00	172.22
174050.000	525.55	526.07	508.10	0.00	194.53
174050.000	526.84	527.44	508.10	0.00	204.52
174050.000	530.41	531.15	508.10	0.00	231.95
174340.000	522.87	523.23	508.30	0.00	172.39
174340.000	525.82	526.34	508.30	0.00	195.08
174340.000	527.13	527.72	508.30	0.00	205.19
174340.000	530.71	531.44	508.30	0.00	232.74
177530.000	526.05	526.33	511.00	0.00	192.72
177530.000	529.46	529.84	511.00	0.00	253.33
177530.000	530.93	531.34	511.00	0.00	277.55
177530.000	534.58	535.05	511.00	0.00	403.44
179320.000	528.52	529.50	519.20	0.00	136.97
179320.000	531.86	532.90	519.20	0.00	185.87
179320.000	533.29	534.34	519.20	0.00	201.66
179320.000	536.74	537.86	519.20	0.00	233.96
179420.000	529.42	529.85	520.30	0.00	141.56
179420.000	532.63	533.18	520.30	0.00	181.92
179420.000	533.99	534.61	520.30	0.00	199.07
179420.000	537.33	538.11	520.30	0.00	230.35
179600.000	529.82	530.30	521.80	0.00	129.97
179600.000	533.01	533.55	521.80	0.00	166.83
179600.000	534.39	534.97	521.80	0.00	185.40
179600.000	537.77	538.45	521.80	0.00	220.44
179640.000	529.93	530.43	522.00	548.00	129.10
179640.000	533.12	533.67	522.00	548.00	153.14
179640.000	534.50	535.10	522.00	548.00	156.27
179640.000	537.90	538.64	522.00	548.00	163.94

SECNO	CASEL	EG	ELMIN	ELLC	TOPNID
179700.000	530.07	530.75	522.70	0.00	123.51
179700.000	533.14	534.00	522.70	0.00	156.54
179700.000	534.50	535.43	522.70	0.00	174.77
179700.000	537.86	538.95	522.70	0.00	212.80
180000.000	531.48	532.44	525.20	0.00	112.81
180000.000	534.18	535.39	525.20	0.00	139.78
180000.000	535.43	536.75	525.20	0.00	153.65
180000.000	538.61	540.13	525.20	0.00	196.34
* 180300.000	541.63	543.54	537.80	0.00	99.14
* 180300.000	543.27	545.98	537.80	0.00	102.08
* 180300.000	544.09	547.17	537.80	0.00	107.83
* 180300.000	546.22	550.17	537.80	0.00	122.75
180350.000	544.57	544.66	527.80	0.00	222.44
180350.000	547.39	547.56	527.80	0.00	247.45
180350.000	548.75	548.95	527.80	0.00	254.52
180350.000	552.14	552.43	527.80	0.00	290.17
181000.000	544.75	544.80	528.40	0.00	379.77
181000.000	547.68	547.76	528.40	0.00	411.99
181000.000	549.09	549.18	528.40	0.00	429.53
181000.000	552.58	552.70	528.40	0.00	478.55
182280.000	545.05	545.11	530.00	0.00	365.52
182280.000	548.04	548.13	530.00	0.00	398.58
182280.000	549.48	549.58	530.00	0.00	414.24
182280.000	553.01	553.14	530.00	0.00	462.17
183080.000	545.28	545.36	531.00	0.00	357.08
183080.000	548.31	548.42	531.00	0.00	390.44
183080.000	549.76	549.87	531.00	0.00	406.35
183080.000	553.32	553.46	531.00	0.00	452.46
186440.000	546.85	546.94	535.00	0.00	363.01
186440.000	549.92	550.03	535.00	0.00	413.67
186440.000	551.38	551.49	535.00	0.00	430.82
186440.000	554.96	555.09	535.00	0.00	471.98
189090.000	549.68	550.26	538.30	0.00	276.41
189090.000	552.43	552.93	538.30	0.00	371.17
189090.000	553.75	554.22	538.30	0.00	392.64
189090.000	557.08	557.50	538.30	0.00	447.04
189200.000	549.99	550.61	538.90	0.00	246.59
189200.000	552.62	553.25	538.90	0.00	289.37
189200.000	553.89	554.53	538.90	0.00	310.06
189200.000	557.14	557.77	538.90	0.00	363.00
189300.000	550.24	550.96	539.40	0.00	172.65
189300.000	552.79	553.64	539.40	0.00	211.42
189300.000	554.01	554.93	539.40	0.00	230.25
189300.000	557.14	558.17	539.40	0.00	278.98

SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
189430.000	550.75	551.44	539.90	0.00	150.88
189430.000	553.27	554.17	539.90	0.00	166.11
189430.000	554.48	555.49	539.90	0.00	170.36
189430.000	557.57	558.85	539.90	0.00	181.21
* 189450.000	557.41	557.51	540.00	551.70	180.27
* 189450.000	558.95	559.19	540.00	551.70	185.17
* 189450.000	559.71	560.05	540.00	551.70	186.76
* 189450.000	561.73	562.36	540.00	551.70	198.26
189470.000	557.41	557.52	540.10	0.00	179.95
189470.000	558.96	559.21	540.10	0.00	184.99
189470.000	559.73	560.07	540.10	0.00	186.54
189470.000	561.76	562.39	540.10	0.00	197.85
189480.000	557.42	557.53	540.10	0.00	179.96
189480.000	558.97	559.22	540.10	0.00	185.01
189480.000	559.74	560.08	540.10	0.00	186.56
189480.000	561.78	562.41	540.10	0.00	197.93
189490.000	557.42	557.53	540.10	0.00	179.97
189490.000	558.98	559.23	540.10	0.00	185.02
189490.000	559.75	560.09	540.10	0.00	186.59
189490.000	561.80	562.43	540.10	0.00	198.04
189500.000	557.42	557.54	540.20	0.00	179.63
189500.000	558.99	559.24	540.20	0.00	184.83
189500.000	559.76	560.11	540.20	0.00	186.40
189500.000	561.81	562.45	540.20	0.00	197.57
189525.000	557.43	557.55	540.30	0.00	179.31
189525.000	559.00	559.26	540.30	0.00	184.67
189525.000	559.78	560.13	540.30	0.00	186.25
189525.000	561.85	562.49	540.30	0.00	197.22
189550.000	557.44	557.56	540.40	0.00	178.99
189550.000	559.02	559.28	540.40	0.00	184.50
189550.000	559.80	560.16	540.40	0.00	186.09
189550.000	561.89	562.53	540.40	0.00	196.85
189575.000	557.45	557.57	540.50	0.00	178.67
189575.000	559.03	559.30	540.50	0.00	184.23
189575.000	559.82	560.19	540.50	0.00	185.93
189575.000	561.92	562.57	540.50	0.00	196.49
189600.000	557.46	557.58	540.60	0.00	178.34
189600.000	559.05	559.32	540.60	0.00	183.94
189600.000	559.85	560.21	540.60	0.00	185.77
189600.000	561.96	562.62	540.60	0.00	196.13
189800.000	557.53	557.67	541.50	0.00	175.46
189800.000	559.20	559.51	541.50	0.00	181.31
189800.000	560.04	560.46	541.50	0.00	184.27
189800.000	562.27	562.99	541.50	0.00	192.75



SECNO	CWSEL	EG	ELMIN	ELLC	TOPWID
190000.000	557.62	557.80	542.40	0.00	172.60
190000.000	559.58	559.74	542.40	0.00	178.76
190000.000	560.27	560.74	542.40	0.00	181.88
190000.000	562.62	563.41	542.40	0.00	189.65
190500.000	557.98	558.31	545.00	0.00	164.74
190500.000	560.01	560.50	545.00	0.00	171.87
190500.000	561.05	561.75	545.00	0.00	175.50
190500.000	563.72	564.76	545.00	0.00	184.69
191000.000	558.70	559.09	547.20	0.00	144.91
191000.000	561.03	561.69	547.20	0.00	162.25
191000.000	562.19	562.99	547.20	0.00	170.90
191000.000	565.10	566.23	547.20	0.00	192.56
191100.000	558.87	559.26	547.30	0.00	145.36
191100.000	561.26	561.90	547.30	0.00	163.18
191100.000	562.45	563.22	547.30	0.00	172.12
191100.000	565.42	566.50	547.30	0.00	194.17
191200.000	559.03	559.41	547.40	0.00	145.87
191200.000	561.49	562.11	547.40	0.00	164.15
191200.000	562.70	563.44	547.40	0.00	173.15
191200.000	565.71	566.76	547.40	0.00	195.63
192000.000	560.19	560.47	548.20	0.00	148.56
192000.000	562.93	563.44	548.20	0.00	169.41
192000.000	564.35	564.88	548.20	0.00	179.55
192000.000	567.66	568.42	548.20	0.00	204.16
193000.000	561.29	561.56	549.20	0.00	149.27
193000.000	564.31	564.72	549.20	0.00	171.79
193000.000	565.77	566.25	549.20	0.00	182.63
193000.000	569.32	570.00	549.20	0.00	209.04
197000.000	566.77	567.22	553.90	0.00	141.94
197000.000	570.16	570.71	553.90	0.00	190.07
197000.000	571.76	572.36	553.90	0.00	212.85
197000.000	575.67	576.37	553.90	0.00	267.57
199480.000	570.25	570.53	556.40	0.00	173.30
199480.000	573.70	574.06	556.40	0.00	219.92
199480.000	575.32	575.72	556.40	0.00	241.86
199480.000	579.27	579.75	556.40	0.00	295.10
199585.000	570.49	570.66	556.40	0.00	119.00
199585.000	573.96	574.19	556.40	0.00	174.13
199585.000	575.61	575.85	556.40	0.00	245.73
199585.000	579.56	579.88	556.40	0.00	299.02
199615.000	570.52	570.69	556.50	573.50	119.00
199615.000	574.31	574.56	556.50	573.50	119.00
199615.000	576.15	576.37	556.50	573.50	251.64
199615.000	580.00	580.31	556.50	573.50	303.70



FLOOD JAN 1978 CWF

SUMMARY PRINTOUT

SECNO	CNSL	OLUB	UCH	OROB	VLUB	VEH	VRUB
82850.000	565.02	832.88	7565.52	751.60	2.01	6.79	1.69
82850.000	367.55	1473.54	9769.26	1527.20	2.37	7.49	2.15
82850.000	368.15	1650.10	10306.29	1743.61	2.45	7.64	2.25
82850.000	370.41	2443.55	12593.44	2713.01	2.74	8.29	2.61
85150.000	368.47	1256.74	7750.53	134.73	1.69	6.41	1.46
85150.000	371.00	2415.10	10104.85	250.05	2.13	7.16	1.72
85150.000	371.59	2735.52	10681.09	283.39	2.22	7.53	1.77
85150.000	373.88	4229.11	13080.39	440.50	2.58	7.98	1.99
87180.000	371.80	237.59	7858.73	903.67	1.88	7.52	1.87
87180.000	374.26	440.70	10105.19	1954.11	2.11	8.09	2.31
87180.000	374.86	507.11	10801.86	2291.02	2.19	8.52	2.42
87180.000	377.12	787.63	13144.48	3707.89	2.40	8.85	2.73
89080.000	377.20	1670.18	6893.45	436.37	2.73	8.52	1.37
89080.000	379.14	2779.17	8406.22	1314.61	2.85	8.81	1.97
89080.000	379.69	3143.95	8830.95	1625.10	2.91	8.86	2.11
89080.000	381.61	4516.25	10304.04	2819.71	3.10	9.04	2.49
91330.000	384.65	280.35	8277.47	442.19	1.86	8.08	1.96
91330.000	386.24	571.18	11062.15	866.68	2.45	9.51	2.62
91330.000	386.66	672.09	11917.99	1009.92	2.61	9.95	2.80
91330.000	388.06	1082.16	14981.02	1576.74	3.15	11.31	3.46
92830.000	389.13	187.60	8277.23	135.17	1.57	7.72	1.09
92830.000	391.23	483.53	10967.36	649.11	2.22	8.66	1.66
92830.000	391.85	603.01	11992.09	904.90	2.42	9.06	1.87
92830.000	393.73	994.80	14519.85	1855.35	2.83	9.68	2.54
97480.000	399.12	806.69	7399.76	343.55	1.82	7.21	1.71
97480.000	401.59	1806.46	9668.17	575.37	2.04	8.16	2.22
97480.000	402.45	2292.54	10484.99	672.47	2.18	8.46	2.32
97480.000	404.44	3745.19	12627.97	946.84	2.50	9.24	2.57
99100.000	401.38	437.27	6941.23	1171.50	1.77	6.14	1.51
99100.000	404.01	922.73	8853.25	2274.02	1.59	6.30	1.84
99100.000	404.90	1255.93	9473.93	2720.14	1.43	6.97	1.92
99100.000	407.01	2319.81	11032.67	3967.51	1.65	7.37	2.12
99340.000	401.82	0.00	8550.00	0.00	0.00	5.99	0.00
99340.000	404.44	0.00	12050.00	0.00	0.00	4.53	0.00
99340.000	405.31	0.00	13450.00	0.00	0.00	4.75	0.00
99340.000	407.34	0.00	17320.00	0.00	0.00	5.34	0.00
99380.000	401.85	0.00	8550.00	0.00	0.00	3.91	0.00
99380.000	404.48	0.00	12050.00	0.00	0.00	4.44	0.00
99380.000	405.35	0.00	13450.00	0.00	0.00	4.65	0.00
99380.000	407.40	0.00	17320.00	0.00	0.00	5.24	0.00
99450.000	401.66	1072.66	6918.05	559.30	1.88	6.19	1.68
99450.000	404.23	1821.90	9180.32	1047.78	2.31	7.14	2.00
99450.000	405.08	2132.15	10051.48	1266.37	2.46	7.50	2.10
99450.000	407.07	3012.56	12381.04	1926.40	2.82	8.42	2.37

SECNO	CNSEL	WLOB	QCH	GRUB	VLOB	VCH	VRUB
99540.000	401.99	492.02	7629.29	428.69	1.32	3.94	0.97
99540.000	404.63	801.01	10349.39	899.60	1.61	4.62	1.19
99540.000	405.50	929.04	11403.17	1117.80	1.71	4.87	1.27
99540.000	407.57	1294.03	14236.25	1789.73	1.96	5.51	1.46
99570.000	402.41	88.53	7848.47	612.99	0.83	3.63	1.11
99570.000	405.00	183.35	10725.50	1141.15	1.00	4.15	1.36
99570.000	405.88	227.05	11854.88	1368.08	1.07	4.34	1.45
99570.000	407.94	360.23	14921.32	2038.46	1.23	4.86	1.66
99850.000	402.54	506.25	6116.68	127.07	0.96	3.66	0.87
99850.000	405.13	662.99	11076.65	308.55	1.15	4.19	1.00
99850.000	406.01	828.62	12221.65	399.53	1.21	4.37	1.05
99850.000	408.09	1336.97	15289.28	693.76	1.36	4.86	1.19
100500.000	402.81	542.21	6916.46	541.55	1.30	5.06	1.40
100500.000	405.37	1191.10	9627.67	661.23	1.59	5.90	1.00
100500.000	406.24	1486.83	10591.04	822.13	1.60	6.20	1.92
100500.000	408.29	2449.82	13494.85	1255.33	1.94	7.05	2.26
103200.000	405.16	471.84	7210.49	117.67	1.12	5.29	1.17
103200.000	407.96	1251.29	9969.50	279.41	1.55	6.23	1.50
103200.000	408.88	1609.56	10936.12	352.52	1.67	6.52	1.60
103200.000	411.22	2058.00	13746.84	595.17	1.97	7.54	1.60
106620.000	408.60	654.77	5610.50	1534.72	1.51	6.13	1.74
106620.000	411.64	1388.47	7146.97	2962.56	1.84	6.64	2.15
106620.000	412.62	1725.38	7669.77	3504.65	1.94	6.80	2.27
106620.000	415.18	2867.57	9180.09	5152.54	2.16	7.20	2.57
110330.000	411.94	669.21	6482.27	246.53	0.91	4.38	1.24
110330.000	414.86	1995.34	8634.24	470.42	1.10	4.89	1.45
110330.000	415.79	2639.54	9506.10	554.36	1.16	5.01	1.51
110330.000	416.26	5017.79	11167.45	814.76	1.34	5.32	1.63
114880.000	417.67	89.67	7064.11	226.22	2.68	9.97	2.23
114880.000	420.20	228.56	10061.82	809.62	3.27	10.45	3.00
114880.000	420.91	283.31	11161.94	1054.74	3.43	10.74	3.22
114880.000	422.82	467.38	14639.43	1895.19	3.89	11.75	3.01
116520.000	424.62	819.59	6094.20	486.21	1.40	5.91	1.40
116520.000	426.59	1691.40	8405.19	1003.41	1.72	6.64	1.70
116520.000	427.26	2070.55	9201.12	1228.33	1.81	7.10	1.81
116520.000	429.20	3423.05	11546.26	2030.69	2.05	7.75	2.04
118000.000	426.37	129.17	6117.01	453.62	2.36	9.72	3.25
118000.000	430.26	347.32	9083.17	869.51	3.25	11.53	4.06
118000.000	430.84	451.10	10392.62	1056.28	3.60	12.42	4.42
118000.000	432.30	787.69	14089.50	1622.81	4.44	14.69	5.31
119720.000	438.19	197.65	5967.38	534.96	2.21	8.07	2.81
119720.000	440.49	470.96	8835.61	993.43	2.84	9.47	3.42
119720.000	441.45	616.88	10067.67	1215.44	3.04	9.94	3.61
119720.000	443.89	1094.29	13512.72	1892.99	3.50	11.09	4.07

SECNO	CASEL	QLOB	QCH	QROB	VLOB	VCH	VR0B
128830.000	461.50	199.48	5196.93	1143.59	1.66	6.93	2.04
128830.000	464.63	432.73	7371.89	2335.38	2.04	8.08	2.69
128830.000	465.80	552.73	8295.14	2892.13	2.19	8.52	2.92
128830.000	468.76	949.52	10869.37	4581.11	2.56	9.64	3.48
130450.000	464.42	1428.89	4714.97	590.14	1.81	6.80	2.02
130450.000	467.55	3146.98	6225.80	767.22	2.02	7.22	2.50
130450.000	468.74	3996.37	6809.30	934.33	2.08	7.35	2.38
130450.000	471.74	6807.59	8165.24	1427.17	2.26	7.50	2.52
132000.000	467.69	535.06	5215.02	831.91	1.79	7.90	2.44
132000.000	470.51	834.95	7489.50	1655.75	2.31	9.22	3.05
132000.000	471.31	1144.84	8376.76	2058.39	2.59	9.62	3.28
132000.000	473.80	2138.15	10881.58	3280.28	3.19	10.72	3.82
133730.000	472.66	757.50	5435.54	105.96	2.21	7.91	2.22
133730.000	475.41	1688.25	7888.32	403.43	2.97	9.25	2.84
133730.000	476.41	2128.12	8944.01	507.87	3.24	9.60	3.06
133730.000	478.96	3501.45	11957.13	841.43	3.91	11.22	3.69
134820.000	475.61	389.64	5068.14	922.22	1.84	6.76	2.11
134820.000	478.46	877.54	7255.30	1849.15	2.25	7.75	2.64
134820.000	479.55	1124.84	8175.60	2281.56	2.40	8.09	2.82
134820.000	482.33	2011.85	10644.90	3643.25	2.85	9.92	3.24
137040.000	481.11	213.58	5498.09	488.33	1.39	7.67	1.73
137040.000	483.71	792.78	7610.76	1396.46	2.20	8.51	2.39
137040.000	484.72	1089.32	8456.57	1854.31	2.43	8.78	2.57
137040.000	487.51	2650.11	10829.89	3334.00	2.94	9.51	2.99
137295.000	482.29	0.00	6200.00	0.00	0.00	4.35	0.00
137295.000	484.81	0.00	9800.00	0.00	0.00	5.25	0.00
137295.000	485.77	0.00	11400.00	0.00	0.00	5.60	0.00
137295.000	488.22	0.00	16200.00	0.00	0.00	6.57	0.00
137325.000	482.34	0.00	6200.00	0.00	0.00	4.37	0.00
137325.000	484.88	0.00	9800.00	0.00	0.00	5.25	0.00
137325.000	485.84	0.00	11400.00	0.00	0.00	5.60	0.00
137325.000	489.07	0.00	16200.00	0.00	0.00	6.22	0.00
137400.000	482.55	562.04	5166.20	671.70	1.39	6.58	1.67
137400.000	484.90	1067.15	7135.46	1597.39	1.91	7.44	2.16
137400.000	485.88	1435.86	7916.68	2047.46	2.06	7.71	2.34
137400.000	489.17	2826.66	9763.59	3609.75	2.27	7.81	2.53
138460.000	484.10	566.04	5208.13	125.82	0.95	5.50	1.46
138460.000	486.72	1558.05	7384.55	257.40	1.58	6.57	1.82
138460.000	487.70	2274.85	8205.80	319.35	1.57	6.89	1.92
138460.000	490.68	4976.23	10198.62	525.15	1.98	7.32	2.09
142600.000	490.47	105.57	5302.22	292.21	1.05	6.55	1.27
142600.000	493.33	518.47	7573.10	1108.43	1.75	7.35	1.97
142600.000	494.35	752.14	8532.70	1515.16	1.97	7.70	2.20
142600.000	496.94	1558.96	11317.75	2823.29	2.47	8.65	2.76

SECNO	CWSEL	WLOB	DCH	OROB	VLOB	VCH	VROB
142830.000	491.33	0.00	5700.00	0.00	0.00	3.65	0.00
142830.000	494.17	0.00	9200.00	0.00	0.00	4.13	0.00
142830.000	495.20	0.00	10800.00	0.00	0.00	4.37	0.00
142830.000	497.82	0.00	15700.00	0.00	0.00	5.08	0.00
142870.000	491.38	0.00	5700.00	0.00	0.00	3.62	0.00
142870.000	494.23	0.00	9200.00	0.00	0.00	4.10	0.00
142870.000	495.27	0.00	10800.00	0.00	0.00	4.34	0.00
142870.000	497.91	0.00	15700.00	0.00	0.00	5.04	0.00
142970.000	491.36	171.30	5087.14	441.56	1.07	5.74	1.29
142970.000	494.10	632.55	7288.55	1278.90	1.66	6.51	1.88
142970.000	495.21	877.54	8231.81	1690.65	1.87	6.96	2.08
142970.000	497.84	1719.18	10967.28	3013.55	2.32	7.91	2.60
143100.000	491.68	270.53	4822.44	607.03	1.10	4.92	1.25
143100.000	494.50	767.76	6964.77	1467.46	1.58	5.82	1.76
143100.000	495.53	1026.02	7884.37	1884.61	1.74	6.18	1.94
143100.000	498.19	1904.03	10577.51	3218.45	2.15	7.14	2.41
143700.000	492.41	449.59	4757.99	492.42	1.95	6.95	2.18
143700.000	495.29	1215.32	6816.57	1163.11	2.62	7.74	2.86
143700.000	496.35	1609.15	7690.62	1500.23	2.84	8.03	3.09
143700.000	499.07	2867.14	10310.48	2522.39	3.30	8.87	3.56
144500.000	493.94	321.00	5322.42	56.58	1.26	5.10	1.18
144500.000	496.88	850.29	8205.97	143.74	1.82	6.51	1.60
144500.000	497.96	1133.52	9475.21	191.27	2.03	7.07	1.77
144500.000	500.71	2139.26	13195.95	364.79	2.60	8.55	2.23
145110.000	494.55	390.06	5014.51	295.43	1.24	4.77	1.33
145110.000	497.70	967.83	7541.00	691.16	1.76	5.90	1.78
145110.000	498.87	1263.28	8640.70	896.02	1.96	6.34	1.95
145110.000	501.87	2280.64	11796.55	1622.81	2.46	7.47	2.43
145650.000	495.00	709.40	4895.32	94.78	0.99	4.71	1.24
145650.000	498.27	2109.82	6891.23	198.95	1.29	5.42	1.60
145650.000	499.50	2878.80	7673.75	247.45	1.38	5.65	1.69
145650.000	502.68	5780.09	9524.37	595.55	1.70	6.01	1.88
146800.000	495.86	583.20	4640.04	176.75	0.93	4.56	1.23
146800.000	499.09	1765.50	6629.51	404.99	1.24	5.38	1.53
146800.000	500.30	2441.64	7371.39	586.97	1.36	5.61	1.17
146800.000	503.41	4628.19	8616.80	2155.01	1.61	5.65	1.09
147630.000	496.48	110.77	5007.60	281.63	1.13	4.95	0.68
147630.000	499.76	331.82	6622.23	1845.95	1.21	5.39	1.10
147630.000	500.98	473.52	7144.37	2782.11	1.26	5.46	1.22
147630.000	503.97	1003.31	8556.24	5840.45	1.43	5.68	1.52
149350.000	497.76	1337.62	3781.69	280.69	0.89	3.66	1.22
149350.000	500.95	3157.45	5143.27	499.26	1.14	4.14	1.48
149350.000	502.12	4127.53	5676.47	596.01	1.26	4.30	1.56
149350.000	505.02	7240.23	7259.03	900.74	1.53	4.80	1.76

SECNO	CWSEL	WLOB	QCH	QROB	VLOB	VCH	VRUB
150700.000	498.31	591.61	3273.49	1534.90	0.79	3.22	0.78
150700.000	501.47	1299.64	4121.97	3378.39	0.96	3.37	0.94
150700.000	502.63	1646.38	4458.88	4294.75	1.02	3.43	1.02
150700.000	505.54	2742.86	5518.72	7138.42	1.21	5.70	1.22
151850.000	498.71	1352.43	3512.49	535.08	0.78	5.49	0.77
151850.000	501.81	3212.56	4291.96	1295.48	0.95	3.54	0.93
151850.000	502.95	4114.14	4609.07	1676.79	1.03	3.58	1.00
151850.000	505.84	6898.83	5602.86	2898.31	1.22	3.79	1.16
152930.000	499.19	265.60	5057.95	76.45	0.81	6.24	1.33
152930.000	502.29	2108.96	6185.34	502.76	1.22	6.50	0.87
152930.000	503.33	3078.40	6353.57	968.03	1.32	6.07	1.00
152930.000	506.22	5982.15	6893.52	2524.33	1.49	5.69	1.27
157880.000	504.13	945.32	4195.76	178.91	1.02	4.62	1.14
157880.000	506.44	2479.52	5879.44	341.04	1.35	5.60	1.44
157880.000	507.20	3267.77	6614.38	317.85	1.51	6.64	1.57
157880.000	509.33	6049.54	8580.36	670.10	1.89	7.00	1.86
158560.000	504.67	926.34	4055.08	336.57	1.78	6.28	1.34
158560.000	507.07	1992.55	5809.16	498.29	2.27	7.76	2.09
158560.000	507.67	2555.74	6576.55	1167.71	2.51	8.40	2.37
158560.000	510.06	4528.14	8699.26	2072.60	3.08	9.90	3.09
158680.000	505.22	0.00	5320.00	0.00	0.00	3.01	0.00
158680.000	507.78	0.00	8700.00	0.00	0.00	3.65	0.00
158680.000	508.65	0.00	10300.00	0.00	0.00	3.96	0.00
158680.000	510.99	0.00	15300.00	0.00	0.00	4.81	0.00
158720.000	505.26	0.00	5320.00	0.00	0.00	3.00	0.00
158720.000	507.82	0.00	8700.00	0.00	0.00	3.63	0.00
158720.000	508.70	0.00	10300.00	0.00	0.00	3.94	0.00
158720.000	511.07	0.00	15300.00	0.00	0.00	4.78	0.00
158800.000	505.19	975.67	3963.24	381.09	1.71	5.97	1.34
158800.000	507.72	2068.60	5664.68	966.73	2.16	7.33	2.04
158800.000	508.60	2627.17	6419.13	1253.70	2.35	7.92	2.31
158800.000	510.94	4559.66	8537.95	2202.38	2.82	9.37	3.00
158935.000	505.71	0.00	5320.00	0.00	0.00	2.22	0.00
158935.000	508.38	0.00	8700.00	0.00	0.00	2.84	0.00
158935.000	509.33	0.00	10300.00	0.00	0.00	3.12	0.00
158935.000	511.82	0.00	15300.00	0.00	0.00	3.87	0.00
158965.000	505.72	0.00	5320.00	0.00	0.00	2.04	0.00
158965.000	508.40	0.00	8700.00	0.00	0.00	2.63	0.00
158965.000	509.35	0.00	10300.00	0.00	0.00	2.90	0.00
158965.000	511.85	0.00	15300.00	0.00	0.00	3.64	0.00
159020.000	505.68	1725.36	3087.73	506.91	1.34	4.29	1.34
159020.000	508.36	3290.96	4451.75	957.29	1.80	5.26	1.74
159020.000	509.30	4043.05	5079.45	1177.50	2.00	5.71	1.92
159020.000	511.79	6461.23	6938.02	1900.75	2.33	6.84	2.38

SECNO	CWSEL	ULOB	UCH	URUB	VLOB	VCH	VRUB
159090.000	505.73	1730.14	3081.70	508.15	1.33	4.27	1.33
159090.000	508.41	3297.18	4443.71	959.11	1.79	5.24	1.74
159090.000	509.36	4051.70	5068.11	1180.18	1.99	5.68	1.91
159090.000	511.86	6472.65	6922.45	1404.90	2.52	6.85	2.36
161900.000	507.87	538.18	3459.86	1181.96	1.92	5.90	1.87
161900.000	510.93	1036.53	5083.84	2409.64	2.42	7.17	2.43
161900.000	512.08	1297.40	5808.79	3023.81	2.64	7.70	2.66
161900.000	515.10	2149.99	7909.06	5010.95	3.19	9.04	3.24
162060.000	508.16	0.00	5180.00	0.00	0.00	5.94	0.00
162060.000	511.21	0.00	8530.00	0.00	0.00	5.18	0.00
162060.000	512.34	0.00	10130.00	0.00	0.00	5.72	0.00
162060.000	515.28	0.00	15070.00	0.00	0.00	7.21	0.00
162080.000	508.16	0.00	5180.00	0.00	0.00	5.85	0.00
162080.000	511.21	0.00	8530.00	0.00	0.00	5.08	0.00
162080.000	512.34	0.00	10130.00	0.00	0.00	5.62	0.00
162080.000	515.28	0.00	15070.00	0.00	0.00	7.10	0.00
162200.000	508.10	1402.30	3344.53	433.17	1.78	6.86	1.93
162200.000	511.30	3181.34	4444.70	903.90	2.26	7.49	2.25
162200.000	512.49	4056.77	4936.74	1150.49	2.47	7.81	2.42
162200.000	515.74	6815.43	6208.18	1907.89	2.87	8.47	2.77
162500.000	508.64	1473.36	3261.81	444.83	1.73	6.54	1.85
162500.000	511.79	3236.80	4371.85	921.35	2.23	7.26	2.20
162500.000	512.98	4093.08	4861.64	1175.20	2.42	7.58	2.36
162500.000	516.20	6872.18	6192.27	2005.54	2.81	8.28	2.72
164270.000	510.34	660.49	3863.31	656.20	1.39	4.36	1.57
164270.000	513.47	1484.25	5844.21	1201.54	1.54	5.44	2.05
164270.000	514.67	1995.24	6680.84	1453.92	1.58	5.82	2.22
164270.000	517.84	4007.73	8874.05	2188.22	1.88	6.64	2.56
165400.000	511.02	182.81	4608.55	368.64	0.96	4.24	0.99
165400.000	514.28	584.63	6833.72	1111.65	1.21	5.13	1.36
165400.000	515.52	839.47	7773.99	1516.55	1.29	5.46	1.48
165400.000	518.74	1827.28	10307.70	2935.02	1.50	6.19	1.74
165580.000	511.15	0.00	4841.72	338.28	0.00	3.96	0.97
165580.000	514.40	0.00	7504.15	1025.87	0.00	4.90	1.39
165580.000	515.69	782.74	8083.95	1263.31	1.18	5.00	1.34
165580.000	518.91	1724.23	10853.56	2492.21	1.39	5.72	1.58
165620.000	511.16	0.00	5180.00	0.00	0.00	4.24	0.00
165620.000	514.61	0.00	7407.21	1122.79	0.00	4.80	1.36
165620.000	516.06	1703.47	7152.24	1274.28	1.14	4.54	1.19
165620.000	519.16	3357.55	9327.64	2384.81	1.40	4.86	1.41
165730.000	511.32	390.49	4425.16	364.34	0.83	3.69	0.85
165730.000	514.80	1255.10	6239.67	1035.22	1.07	4.23	1.13
165730.000	516.10	1753.39	6969.03	1407.58	1.15	4.42	1.22
165730.000	519.21	3450.61	9005.99	2613.39	1.42	4.94	1.45



SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
166000.000	511.44	363.70	4472.62	343.68	0.85	3.80	0.86
166000.000	514.91	1205.65	6323.59	1000.76	1.09	4.36	1.15
166000.000	516.22	1697.93	7061.47	1370.59	1.18	4.54	1.25
166000.000	519.33	3382.62	9116.92	2570.46	1.44	5.06	1.46
167210.000	512.16	87.10	4788.01	124.89	0.90	5.58	1.33
167210.000	515.54	470.40	7501.97	327.63	1.64	6.91	1.77
167210.000	516.80	709.68	8748.21	442.11	1.91	7.48	1.95
167210.000	519.78	1559.59	12403.90	836.51	2.55	9.06	2.44
171000.000	515.51	637.51	3594.31	568.10	1.27	5.83	1.20
171000.000	519.21	1706.84	5319.05	1214.11	1.60	4.49	1.54
171000.000	520.65	2151.93	6198.01	1550.05	1.73	4.77	1.67
171000.000	524.24	3610.05	8555.48	2634.47	2.02	5.52	2.01
171205.000	515.66	0.00	5000.00	0.00	0.00	2.86	0.00
171205.000	519.33	0.00	6300.00	0.00	0.00	3.53	0.00
171205.000	520.76	0.00	9900.00	0.00	0.00	3.84	0.00
171205.000	524.39	1375.63	13424.37	0.00	1.44	4.23	0.00
171235.000	515.69	0.00	5000.00	0.00	0.00	3.30	0.00
171235.000	519.38	0.00	6300.00	0.00	0.00	4.03	0.00
171235.000	520.81	0.00	9900.00	0.00	0.00	4.33	0.00
171235.000	524.44	0.00	14800.00	0.00	0.00	5.15	0.00
171300.000	515.68	785.06	4151.77	63.18	1.50	4.24	0.96
171300.000	519.35	1573.72	6525.36	200.92	1.96	5.26	1.35
171300.000	520.78	1975.50	7637.52	287.18	2.14	5.69	1.46
171300.000	524.39	3278.19	10908.75	613.06	2.63	6.93	1.61
171550.000	515.84	1051.20	3690.98	257.82	1.76	4.98	1.44
171550.000	519.54	2104.07	5662.08	533.85	2.12	5.88	1.72
171550.000	520.98	2647.30	6570.10	682.59	2.26	6.25	1.83
171550.000	524.64	4436.83	9186.06	1177.11	2.63	7.23	2.13
171600.000	515.89	1047.71	3695.39	256.90	1.76	5.01	1.45
171600.000	519.58	2099.92	5667.56	532.50	2.13	5.90	1.73
171600.000	521.03	2642.22	6576.92	680.86	2.27	6.28	1.84
171600.000	524.69	4429.32	9195.56	1175.13	2.64	7.26	2.14
171650.000	520.63	293.96	4457.82	248.22	1.04	4.47	1.04
171650.000	522.22	669.12	7069.85	561.03	1.66	6.30	1.68
171650.000	522.94	890.28	8267.53	742.19	1.91	7.13	1.95
171650.000	525.44	1777.13	11579.97	1442.89	2.49	8.68	2.59
171825.000	520.77	445.84	4286.85	267.51	1.04	4.41	1.05
171825.000	522.52	1013.65	6663.09	623.26	1.64	6.04	1.56
171825.000	523.31	1338.13	7724.05	837.82	1.89	6.72	1.77
171825.000	525.96	2534.07	10558.79	1707.14	2.45	7.91	2.18
172000.000	520.89	437.26	4300.70	262.04	1.04	4.45	1.03
172000.000	522.72	1015.11	6660.60	624.24	1.64	6.04	1.56
172000.000	523.54	1344.92	7712.09	842.99	1.89	6.69	1.76
172000.000	526.24	2547.72	10531.97	1720.31	2.44	7.86	2.17

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SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VRQB
172900.000	521.59	53.88	3748.82	397.30	0.58	4.04	0.88
172900.000	523.81	265.77	5810.67	1123.56	1.07	5.32	1.39
172900.000	524.77	420.74	6806.73	1572.54	1.27	5.85	1.61
172900.000	527.64	1081.91	9274.49	3143.61	1.71	6.74	2.04
173050.000	521.68	21.42	3930.54	248.03	0.54	4.27	0.86
173050.000	523.92	120.06	6290.06	789.88	0.95	5.79	1.39
173050.000	524.89	217.21	7433.96	1148.83	1.25	6.42	1.61
173050.000	527.74	619.56	10366.54	2513.90	1.96	7.57	2.07
173070.000	521.70	21.56	3924.63	248.81	0.54	4.27	0.86
173070.000	523.95	121.04	6285.61	793.35	0.95	5.78	1.39
173070.000	524.92	218.99	7427.68	1153.32	1.25	6.41	1.61
173070.000	527.78	621.87	10357.72	2520.40	1.96	7.56	2.07
173200.000	521.83	47.71	3774.60	377.69	0.57	4.12	0.88
173200.000	524.21	266.28	5609.05	1124.67	1.07	5.32	1.39
173200.000	525.25	428.25	6784.39	1587.56	1.27	5.88	1.61
173200.000	528.22	1109.28	9209.94	3180.77	1.70	6.63	2.01
173330.000	521.95	0.00	4200.00	0.00	0.00	3.84	0.00
173330.000	524.34	0.00	7200.00	0.00	0.00	5.10	0.00
173330.000	525.37	0.00	8800.00	0.00	0.00	5.63	0.00
173330.000	528.27	0.00	13500.00	0.00	0.00	6.79	0.00
173370.000	521.98	0.00	4200.00	0.00	0.00	3.87	0.00
173370.000	524.40	0.00	7200.00	0.00	0.00	5.13	0.00
173370.000	525.44	0.00	8800.00	0.00	0.00	5.65	0.00
173370.000	528.37	0.00	13500.00	0.00	0.00	6.79	0.00
173420.000	522.03	24.00	3561.22	614.77	0.75	4.12	0.95
173420.000	524.56	99.27	5392.86	1707.87	1.04	5.27	1.48
173420.000	525.63	173.67	6260.66	2365.67	1.16	5.72	1.70
173420.000	528.81	538.42	8376.14	4583.44	1.48	6.48	2.14
173500.000	522.08	23.02	3567.69	608.49	0.75	4.14	0.96
173500.000	524.63	98.31	5399.92	1701.76	1.04	5.28	1.48
173500.000	525.74	172.56	6266.83	2360.61	1.16	5.76	1.70
173500.000	528.89	536.57	8385.10	4580.33	1.48	6.49	2.15
173850.000	522.33	19.93	3633.30	546.76	0.74	4.33	0.96
173850.000	524.95	89.10	5471.42	1639.46	1.06	5.44	1.50
173850.000	526.09	160.06	6338.56	2301.36	1.18	5.89	1.73
173850.000	529.25	514.93	8465.42	4519.65	1.50	6.63	2.18
173920.000	522.36	135.17	3676.07	394.75	1.22	5.15	1.32
173920.000	524.96	384.32	5772.76	1042.92	1.82	6.68	2.00
173920.000	526.08	542.69	6823.47	1433.84	2.07	7.35	2.30
173920.000	529.18	1110.38	9640.24	2749.38	2.61	8.70	2.93
173970.000	522.58	49.27	3973.55	177.18	1.22	5.61	1.57
173970.000	524.93	158.95	6590.86	450.18	1.99	7.70	2.40
173970.000	526.02	231.78	7446.75	621.51	2.32	8.64	2.79
173970.000	529.01	516.44	11764.37	1214.19	3.20	10.77	3.74

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VRGB
173990.000	522.41	48.01	3977.48	174.51	1.22	5.65	1.57
173990.000	524.97	157.14	6596.03	446.83	1.99	7.74	2.41
173990.000	526.07	229.75	7952.50	617.75	2.33	8.68	2.80
173990.000	529.06	513.79	11776.01	1210.20	3.20	10.81	3.74
174050.000	522.65	138.60	3657.90	403.50	1.21	5.09	1.51
174050.000	525.55	405.77	5703.70	1090.53	1.77	6.43	1.96
174050.000	526.84	578.24	6713.52	1508.24	2.00	6.98	2.22
174050.000	530.41	1193.75	9406.67	2899.59	2.44	8.05	2.76
174340.000	522.87	139.40	3655.05	405.55	1.21	5.08	1.51
174340.000	525.82	409.62	5691.40	1096.96	1.77	6.39	1.95
174340.000	527.13	583.53	6697.33	1519.14	1.99	6.93	2.21
174340.000	530.71	1201.83	9384.37	2913.81	2.43	7.99	2.74
177530.000	526.05	144.57	3824.62	230.61	0.89	4.41	1.09
177530.000	529.46	547.13	5946.61	706.26	1.27	5.38	1.52
177530.000	530.93	826.34	6956.49	1017.17	1.41	5.76	1.70
177530.000	534.58	2036.04	9439.64	2024.32	1.70	6.45	2.07
179320.000	528.52	98.45	3997.29	104.26	1.35	8.15	1.65
179320.000	531.86	692.69	6032.49	474.81	2.23	8.86	2.61
179320.000	533.29	1134.66	6974.96	690.36	2.53	9.15	2.88
179320.000	536.74	2642.40	9505.29	1352.31	3.13	9.91	3.38
179420.000	529.42	126.25	4046.29	25.46	1.17	5.23	1.15
179420.000	532.63	509.18	6595.40	95.42	1.72	6.21	1.55
179420.000	533.99	783.24	7672.23	144.53	1.91	6.64	1.70
179420.000	537.33	1792.71	11362.18	325.11	2.39	7.66	2.02
179600.000	529.82	0.00	4200.00	0.00	0.00	5.56	0.00
179600.000	533.01	4.38	7195.62	0.00	0.54	5.92	0.00
179600.000	534.39	31.62	8768.38	0.00	0.84	6.13	0.00
179600.000	537.77	294.97	13205.03	0.00	1.59	6.69	0.00
179640.000	529.93	0.00	4200.00	0.00	0.00	5.64	0.00
179640.000	533.12	0.00	7200.00	0.00	0.00	5.99	0.00
179640.000	534.50	0.00	8800.00	0.00	0.00	6.21	0.00
179640.000	537.90	0.00	13500.00	0.00	0.00	6.88	0.00
179700.000	530.07	62.36	4125.22	12.42	1.32	6.70	1.24
179700.000	533.14	325.92	6809.60	64.40	1.88	7.63	1.82
179700.000	534.50	560.01	8134.15	105.83	2.17	8.02	1.99
179700.000	537.86	1472.30	11760.33	267.36	2.67	8.93	2.32
180000.000	531.48	29.15	4094.42	6.43	1.35	7.91	1.30
180000.000	534.18	205.79	6823.63	40.57	1.99	8.97	1.94
180000.000	535.43	367.79	8258.46	73.76	2.28	9.46	2.24
180000.000	538.61	1137.46	12051.46	211.08	2.95	10.40	2.65
* 180300.000	541.63	0.00	4130.00	0.00	0.00	11.07	0.00
* 180300.000	543.27	0.34	7069.66	0.00	0.73	13.21	0.00
* 180300.000	544.09	7.57	8692.42	0.00	1.56	14.09	0.00
* 180300.000	546.22	111.06	13288.94	0.00	2.93	16.02	0.00

SECNO	CASEL	GLUB	QCH	GRUB	VLOH	VCH	VRUB
180350.000	544.57	230.06	3258.35	641.60	0.83	2.66	0.88
180350.000	547.39	463.87	5320.12	1286.01	1.15	3.67	1.23
180350.000	548.75	609.31	6409.19	1681.50	1.30	4.11	1.39
180350.000	552.14	1073.01	9376.22	2950.77	1.62	5.12	1.76
181000.000	544.75	751.42	1916.46	1462.12	0.83	2.55	0.91
181000.000	547.68	1472.37	2909.53	2688.10	1.11	3.22	1.23
181000.000	549.09	1909.80	3407.82	3302.38	1.23	3.50	1.36
181000.000	552.58	3270.73	4718.41	5410.86	1.51	4.11	1.65
182280.000	545.05	627.33	1654.20	1263.47	0.86	2.69	0.94
182280.000	548.04	1288.46	2600.39	2411.15	1.13	3.32	1.24
182280.000	549.48	1699.67	3309.47	3090.86	1.25	3.62	1.39
182280.000	553.01	3024.21	4657.23	5113.56	1.55	4.27	1.70
183080.000	545.28	540.09	1943.39	1216.52	0.92	2.97	1.01
183080.000	548.31	1245.01	2887.19	2567.80	1.20	3.58	1.32
183080.000	549.75	1653.80	3396.15	3050.95	1.33	3.87	1.40
183080.000	553.32	2968.53	4754.38	5077.09	1.62	4.50	1.78
186440.000	546.85	399.86	1436.19	1913.95	1.04	3.51	1.32
186440.000	549.92	881.22	2114.86	3503.92	1.23	4.00	1.50
186440.000	551.36	1255.45	2454.12	4405.43	1.37	4.20	1.72
186440.000	554.96	2345.30	3411.59	7043.11	1.66	4.79	1.99
189090.000	549.68	645.03	2678.34	316.63	2.06	7.04	1.56
189090.000	552.43	1362.28	3594.17	1393.55	2.38	7.38	1.79
189090.000	553.75	1766.95	4016.31	2166.74	2.47	7.45	1.99
189090.000	557.08	2969.38	5097.61	4583.02	2.82	7.62	2.56
189200.000	549.99	599.94	2649.88	280.18	2.06	7.18	1.69
189200.000	552.62	1361.11	3760.08	1078.81	2.54	7.97	2.06
189200.000	553.89	1825.27	4320.91	1653.81	2.72	8.29	2.30
189200.000	557.14	3240.76	5727.38	3531.85	3.01	8.84	2.73
189300.000	556.29	580.71	2694.86	254.44	2.11	7.46	1.82
189300.000	552.79	1410.73	4078.93	710.34	2.81	8.89	2.58
189300.000	554.01	1945.94	4812.63	1041.43	3.10	9.51	2.82
189300.000	557.14	3635.25	6674.69	2190.06	3.61	10.62	3.29
189430.000	550.75	545.10	2703.68	231.21	2.09	7.52	2.39
189430.000	553.27	1537.32	4148.74	513.94	2.94	9.06	3.16
189430.000	554.48	2149.86	4949.25	700.89	3.36	9.80	3.41
189430.000	557.57	4044.86	7136.30	1318.84	4.30	11.41	4.02
* 189450.000	557.41	1131.02	2031.02	367.96	1.24	3.36	1.16
* 189450.000	558.95	2086.86	3416.14	693.00	1.96	5.06	1.79
* 189450.000	559.71	2674.14	4217.19	903.67	2.35	5.96	2.15
* 189450.000	561.73	4475.23	6453.48	1571.30	3.32	8.23	2.99
189470.000	557.41	1126.95	2036.67	366.38	1.25	3.33	1.17
189470.000	558.96	2083.92	3426.03	690.06	1.97	5.10	1.80
189470.000	559.73	2673.88	4225.81	900.30	2.36	6.02	2.15
189470.000	561.76	4464.44	6463.37	1567.18	3.33	8.27	3.00

SECNO	CWSEL	WLOB	QCH	URGB	VLOB	VCH	VRDB
189480.000	557.42	1127.10	2036.46	366.43	1.25	3.33	1.17
189480.000	558.97	2084.33	3425.37	690.30	1.97	5.09	1.80
189480.000	559.74	2674.49	4224.82	900.69	2.36	6.02	2.14
189480.000	561.78	4470.68	6461.25	1568.07	3.33	8.26	3.00
189490.000	557.42	1127.26	2036.24	366.50	1.25	3.33	1.17
189490.000	558.98	2084.78	3424.65	690.57	1.97	5.09	1.80
189490.000	559.75	2675.16	4223.72	901.12	2.36	6.01	2.14
189490.000	561.80	4472.13	6458.77	1569.10	3.32	8.25	3.00
189500.000	557.42	1123.01	2042.13	364.86	1.25	3.36	1.18
189500.000	558.99	2079.46	3433.13	687.41	1.98	5.13	1.81
189500.000	559.76	2669.40	4233.15	897.45	2.37	6.05	2.16
189500.000	561.81	4465.57	6469.99	1564.44	3.34	8.30	3.01
189525.000	557.43	1118.90	2047.80	365.30	1.26	3.39	1.19
189525.000	559.00	2074.62	3440.80	684.57	1.99	5.17	1.82
189525.000	559.78	2664.39	4241.34	894.28	2.38	6.09	2.17
189525.000	561.85	4460.53	6478.61	1560.87	3.35	8.34	3.05
189550.000	557.44	1114.70	2053.57	361.73	1.27	3.42	1.20
189550.000	559.02	2069.66	3448.87	681.67	2.00	5.20	1.84
189550.000	559.80	2659.22	4249.75	891.03	2.40	6.13	2.13
189550.000	561.89	4455.31	6487.51	1557.18	3.37	8.38	3.04
189575.000	557.45	1110.44	2059.41	360.15	1.28	3.45	1.21
189575.000	559.03	2064.49	3456.34	679.16	2.02	5.24	1.85
189575.000	559.82	2654.00	4258.22	887.78	2.41	6.17	2.19
189575.000	561.92	4450.08	6498.43	1553.49	3.38	8.42	3.05
189600.000	557.46	1106.12	2065.31	358.57	1.29	3.48	1.22
189600.000	559.05	2059.24	3463.98	676.76	2.03	5.28	1.86
189600.000	559.85	2648.75	4266.72	884.53	2.42	6.21	2.20
189600.000	561.96	4444.85	6505.33	1549.82	3.39	8.45	3.06
189800.000	557.53	1064.15	2121.70	344.15	1.36	3.78	1.33
189800.000	559.20	2008.40	3536.59	655.02	2.13	5.64	1.99
189800.000	560.04	2597.98	4347.27	854.76	2.53	6.59	2.32
189800.000	562.27	4393.74	6591.84	1514.41	3.52	8.83	3.18
190000.000	557.62	1015.98	2184.73	329.29	1.45	4.12	1.44
190000.000	559.38	1952.49	3614.17	633.35	2.24	6.04	2.13
190000.000	560.27	2541.22	4428.74	830.04	2.65	6.99	2.47
190000.000	562.62	4343.72	6675.50	1480.78	3.65	9.21	3.30
190500.000	557.98	838.85	2407.23	284.11	1.73	5.44	1.85
190500.000	560.01	1760.85	3567.60	571.55	2.59	7.41	2.59
190500.000	561.05	2352.74	4686.37	780.89	3.01	8.54	2.92
190500.000	563.72	4184.11	6934.88	1381.01	4.01	10.41	3.67
191000.000	558.70	187.33	3306.20	36.48	1.21	5.20	0.95
191000.000	561.03	602.12	5439.85	158.02	1.98	6.91	1.67
191000.000	562.19	904.53	6639.43	258.05	2.53	7.69	1.99
191000.000	565.10	1941.15	9936.51	622.34	3.10	9.44	2.68

SECNO	CWSEL	ULOB	UCH	GRUB	VLOB	VCH	VRUB
191100.000	558.87	191.71	3300.45	37.84	1.21	5.16	0.95
191100.000	561.26	615.20	5421.84	162.96	1.96	6.82	1.66
191100.000	562.45	923.91	6612.21	263.88	2.30	7.57	1.97
191100.000	565.42	1973.01	9869.92	637.08	3.06	9.28	2.65
191200.000	559.03	196.65	3293.93	39.39	1.21	5.11	0.96
191200.000	561.49	628.51	5403.46	168.03	1.95	6.72	1.65
191200.000	562.70	940.22	6589.25	270.53	2.28	7.47	1.95
191200.000	565.71	2091.45	9848.20	650.35	3.02	9.13	2.61
192000.000	560.19	201.56	2455.28	43.16	1.09	4.42	0.88
192000.000	562.99	643.33	4876.63	180.03	1.72	5.74	1.47
192000.000	564.35	956.90	5956.17	286.93	2.00	6.35	1.72
192000.000	567.66	2037.90	9077.13	684.97	2.66	7.87	2.30
193000.000	561.29	207.61	2947.25	45.14	1.09	4.37	0.88
193000.000	564.51	671.54	4837.57	191.29	1.69	5.56	1.40
193000.000	565.77	997.20	5898.99	304.31	1.95	6.11	1.68
193000.000	569.32	2117.18	8958.70	724.12	2.55	7.49	2.21
197000.000	566.77	356.03	2800.26	43.72	1.56	5.75	0.94
197000.000	570.16	1052.97	4553.33	291.70	2.18	6.77	1.46
197000.000	571.76	1507.64	5177.64	314.72	2.42	7.22	1.67
197000.000	575.67	2963.52	7361.02	1455.46	2.91	8.23	2.10
199480.000	570.25	358.81	2631.84	209.35	1.25	4.70	1.18
199480.000	573.70	1009.53	4018.02	672.45	1.76	5.64	1.61
199480.000	575.32	1441.87	4753.15	1004.96	1.96	6.06	1.79
199480.000	579.27	2872.69	6766.82	2166.49	2.40	7.06	2.20
199585.000	570.49	0.00	3200.00	0.00	0.00	3.32	0.00
199585.000	573.96	281.22	5418.78	0.00	1.19	3.94	0.00
199585.000	575.61	432.51	6503.82	263.67	1.28	4.13	1.07
199585.000	579.56	1018.75	10037.77	743.49	1.56	4.91	1.30
199615.000	570.52	0.00	5700.00	0.00	0.00	3.33	0.00
199615.000	574.31	0.00	5700.00	0.00	0.00	4.05	0.00
199615.000	576.15	454.65	6460.28	285.07	1.24	3.97	1.04
199615.000	580.00	1044.17	9985.83	770.00	1.53	4.79	1.35
199700.000	576.53	628.52	2348.80	222.69	1.25	4.66	1.44
199700.000	574.36	1671.97	3333.00	443.03	1.72	5.41	1.25
199700.000	576.16	2340.72	4177.20	682.08	1.91	5.78	1.76
199700.000	580.01	4478.09	6022.10	1299.82	2.48	6.90	2.11
199980.000	570.77	457.31	2341.64	201.65	1.34	3.70	1.77
199980.000	574.56	1487.45	3756.08	436.47	1.91	6.32	1.94
199980.000	576.36	2152.74	4412.45	634.61	2.13	6.65	2.03
199980.000	580.23	4267.01	6302.32	1230.67	2.71	7.73	2.56
201320.000	572.82	100.80	2508.21	590.99	1.21	4.98	1.27
201320.000	576.31	303.68	3521.16	1875.17	1.59	5.36	1.65
201520.000	578.03	436.04	4040.66	2723.30	1.71	5.51	1.82
201320.000	581.95	863.67	5578.44	5357.89	2.03	6.16	2.23



SUMMARY PRINTOUT TABLE 150

SECD	XLCH	LLTRD	ELLC	ELMIN	U	CWSEL	CRINS	LG	10K*S	VCH	AREA	.DIR
82850.000	0.00	0.00	0.00	349.20	9150.00	365.02	0.00	365.62	16.19	6.79	1974.77	2274.07
82850.000	0.00	0.00	0.00	349.20	12770.00	367.55	0.00	368.23	15.97	7.49	2635.07	3195.18
82850.000	0.00	0.00	0.00	349.20	13700.00	368.15	0.00	368.85	15.88	7.64	2799.38	3437.77
82850.000	0.00	0.00	0.00	349.20	17750.00	370.41	0.00	371.20	15.98	8.29	3448.58	4440.16
85150.000	2300.00	0.00	0.00	352.00	9150.00	368.47	0.00	369.02	13.55	6.41	2045.63	2485.85
85150.000	2300.00	0.00	0.00	352.00	12770.00	371.00	0.00	371.64	13.01	7.16	2692.38	3436.47
85150.000	2300.00	0.00	0.00	352.00	13700.00	371.59	0.00	372.26	13.85	7.33	2850.77	3681.78
85150.000	2300.00	0.00	0.00	352.00	17750.00	373.88	0.00	374.64	14.05	7.98	3499.47	4735.66
87180.000	2030.00	0.00	0.00	358.30	9000.00	371.60	0.00	372.58	23.73	7.52	1854.68	1847.53
87180.000	2030.00	0.00	0.00	358.30	12500.00	374.21	0.00	375.10	21.04	8.09	2304.93	2687.35
87180.000	2030.00	0.00	0.00	358.30	13600.00	374.86	0.00	375.73	21.73	8.32	2473.69	2917.54
87180.000	2030.00	0.00	0.00	358.30	17640.00	377.12	0.00	378.05	20.51	8.85	3175.07	3894.64
89080.000	1900.00	0.00	0.00	365.50	9000.00	377.20	0.00	378.08	36.17	6.52	1738.85	1496.40
89080.000	1900.00	0.00	0.00	365.50	12500.00	379.14	0.00	379.98	30.99	6.81	2597.38	2245.42
89080.000	1900.00	0.00	0.00	365.50	13600.00	379.69	0.00	380.52	29.63	6.86	2650.22	2498.63
89080.000	1900.00	0.00	0.00	365.50	17640.00	381.61	0.00	382.41	25.76	9.04	3729.63	3475.82
91330.000	2250.00	0.00	0.00	371.90	9000.00	384.65	0.00	385.59	50.86	6.08	1400.21	1620.09
91330.000	2250.00	0.00	0.00	371.90	12500.00	386.24	0.00	387.49	36.06	9.51	1727.46	2081.72
91330.000	2250.00	0.00	0.00	371.90	13600.00	385.66	0.00	388.01	37.70	9.93	1818.06	2214.91
91330.000	2250.00	0.00	0.00	371.90	17640.00	388.06	0.00	389.77	42.96	11.31	2131.05	2690.70
92830.000	1500.00	0.00	0.00	376.10	8600.00	389.13	0.00	390.02	28.32	7.72	1315.09	1616.15
92830.000	1500.00	0.00	0.00	376.10	12100.00	391.23	0.00	392.29	28.46	8.66	1874.92	2268.09
92830.000	1500.00	0.00	0.00	376.10	13530.00	391.85	0.00	392.99	29.35	9.88	2055.95	2492.04
92830.000	1500.00	0.00	0.00	376.10	17370.00	393.73	0.00	394.97	28.43	9.68	2642.53	3257.86
97480.000	4650.00	0.00	0.00	381.90	8550.00	399.12	0.00	399.63	16.28	7.21	1704.63	2119.30
97480.000	4650.00	0.00	0.00	381.90	12050.00	401.59	0.00	402.43	17.24	8.16	2329.24	2902.32
97480.000	4650.00	0.00	0.00	381.90	13450.00	402.45	0.00	403.33	17.43	8.46	2579.64	3221.61
97480.000	4650.00	0.00	0.00	381.90	17320.00	404.44	0.00	405.43	18.25	9.24	3231.69	4054.86
99100.000	1620.00	0.00	0.00	383.40	8550.00	401.58	0.00	401.67	10.64	6.14	2152.54	2698.93
99100.000	1620.00	0.00	0.00	383.40	12050.00	404.01	0.00	404.55	10.22	6.80	3203.17	3769.26
99100.000	1620.00	0.00	0.00	383.40	13450.00	404.90	0.00	405.44	10.12	6.97	3652.32	4227.12
99100.000	1620.00	0.00	0.00	383.40	17320.00	407.01	0.00	407.57	9.97	7.37	4772.95	5405.77
99340.000	240.00	0.00	0.00	383.70	8550.00	401.82	0.00	402.07	6.96	3.99	2142.64	3240.55
99340.000	240.00	0.00	0.00	383.70	12050.00	404.44	0.00	404.76	7.79	4.53	2658.56	4319.34
99340.000	240.00	0.00	0.00	383.70	13450.00	405.31	0.00	405.66	7.85	4.75	2833.41	4801.55
99340.000	240.00	0.00	0.00	383.70	17320.00	407.34	0.00	407.78	8.30	5.34	3245.10	6012.43
99380.000	40.00	412.10	409.50	383.70	8550.00	401.85	0.00	402.89	7.33	3.91	2184.91	3158.60
99380.000	40.00	412.10	409.50	383.70	12050.00	404.48	0.00	404.79	7.24	4.44	2715.75	4478.21
99380.000	40.00	412.10	409.50	383.70	13450.00	405.35	0.00	405.69	7.33	4.65	2891.28	4967.27
99380.000	40.00	412.10	409.50	383.70	17320.00	407.40	0.00	407.82	7.82	5.24	3304.31	6173.72
99450.000	70.00	0.00	0.00	383.90	8550.00	401.66	0.00	402.15	10.30	6.19	2022.52	2663.93
99450.000	70.00	0.00	0.00	383.90	12050.00	404.23	0.00	404.85	11.40	7.14	2598.76	3568.65
99450.000	70.00	0.00	0.00	383.90	13450.00	405.08	0.00	405.75	11.88	7.50	2818.75	3902.04
99450.000	70.00	0.00	0.00	383.90	17320.00	407.07	0.00	407.69	13.25	8.42	3352.13	4758.83



SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
99540.000	90.00	0.00	0.00	384.10	8550.00	401.99	0.00	402.21	4.23	3.94	2749.82	4156.16
99540.000	90.00	0.00	0.00	384.10	12050.00	404.63	0.00	404.91	4.77	4.62	3496.02	5514.72
99540.000	90.00	0.00	0.00	384.10	13450.00	405.50	0.00	405.82	5.00	4.87	3767.62	6014.89
99540.000	90.00	0.00	0.00	384.10	17320.00	407.57	0.00	407.97	5.63	5.51	4466.26	7300.36
99570.000	30.00	394.10	390.00	384.50	8550.00	402.41	0.00	402.60	4.94	3.63	2818.03	3847.26
99570.000	30.00	394.10	390.00	384.50	12050.00	405.00	0.00	405.24	5.05	4.15	3607.43	5362.73
99570.000	30.00	394.10	390.00	384.50	13450.00	405.88	0.00	406.14	5.15	4.34	3890.26	5928.67
99570.000	30.00	394.10	390.00	384.50	17320.00	407.94	0.00	408.26	5.51	4.86	4591.39	7377.38
99850.000	280.00	0.00	0.00	384.70	8550.00	402.54	0.00	402.74	5.12	3.88	2667.99	3778.14
99850.000	280.00	0.00	0.00	384.70	12050.00	405.13	0.00	405.36	5.18	4.19	3532.16	5292.15
99850.000	280.00	0.00	0.00	384.70	13450.00	406.01	0.00	406.28	5.25	4.37	3861.10	5868.53
99850.000	280.00	0.00	0.00	384.70	17320.00	408.09	0.00	408.41	5.53	4.86	4711.55	7365.80
100500.000	650.00	0.00	0.00	385.00	7800.00	402.81	0.00	403.17	9.13	5.06	2026.14	2509.90
100500.000	650.00	0.00	0.00	385.00	11500.00	405.37	0.00	405.84	9.98	5.94	2747.48	3639.58
100500.000	650.00	0.00	0.00	385.00	12900.00	406.24	0.00	406.74	10.15	6.20	3023.25	4049.88
100500.000	650.00	0.00	0.00	385.00	17200.00	408.29	0.00	408.91	11.29	7.05	3730.95	5118.14
103200.000	2700.00	0.00	0.00	386.10	7800.00	405.16	0.00	405.56	8.59	5.29	1887.56	2660.60
103200.000	2700.00	0.00	0.00	386.10	11500.00	407.96	0.00	408.49	9.66	6.23	2590.42	3699.33
103200.000	2700.00	0.00	0.00	386.10	12900.00	408.88	0.00	409.45	9.93	6.52	2860.53	4093.35
103200.000	2700.00	0.00	0.00	386.10	17200.00	411.22	0.00	411.90	10.85	7.34	3543.30	5221.80
106620.000	3420.00	0.00	0.00	389.90	7800.00	408.60	0.00	409.04	12.21	6.13	2230.33	2232.20
106620.000	3420.00	0.00	0.00	389.90	11500.00	411.64	0.00	412.09	11.55	6.64	3209.36	3383.89
106620.000	3420.00	0.00	0.00	389.90	12900.00	412.62	0.00	413.08	11.36	6.80	3564.68	3827.43
106620.000	3420.00	0.00	0.00	389.90	17200.00	415.18	0.00	415.64	11.19	7.20	4600.09	5151.03
110330.000	3710.00	0.00	0.00	395.30	7400.00	411.94	0.00	412.20	6.21	4.38	2414.26	2968.71
110330.000	3710.00	0.00	0.00	395.30	11100.00	414.86	0.00	415.15	6.12	4.89	3900.05	4487.18
110330.000	3710.00	0.00	0.00	395.30	12500.00	415.79	0.00	416.08	6.01	5.01	4500.71	5098.14
110330.000	3710.00	0.00	0.00	395.30	17000.00	418.26	0.00	418.56	5.75	5.32	6350.21	7086.87
114880.000	4550.00	0.00	0.00	410.40	7400.00	417.87	0.00	419.35	93.59	9.97	846.01	785.74
114880.000	4550.00	0.00	0.00	410.40	11100.00	420.20	0.00	421.76	68.59	10.45	1302.56	1340.23
114880.000	4550.00	0.00	0.00	410.40	12500.00	420.91	0.00	422.53	65.42	10.74	1449.17	1545.41
114880.000	4550.00	0.00	0.00	410.40	17000.00	422.82	0.00	424.70	61.47	11.75	1863.03	2168.37
116520.000	1640.00	0.00	0.00	414.00	7400.00	424.62	0.00	425.07	18.06	5.91	1963.13	1740.26
116520.000	1640.00	0.00	0.00	414.00	11100.00	426.59	0.00	427.15	19.23	6.84	2795.41	2531.30
116520.000	1640.00	0.00	0.00	414.00	12500.00	427.26	0.00	427.85	19.31	7.10	3116.19	2844.80
116520.000	1640.00	0.00	0.00	414.00	17000.00	429.20	0.00	429.86	19.07	7.75	4157.05	3893.16
118000.000	1480.00	0.00	0.00	419.80	6700.00	428.37	0.00	429.72	74.74	9.72	823.72	774.99
118000.000	1480.00	0.00	0.00	419.80	10300.00	430.26	0.00	432.11	70.03	11.53	1100.10	1166.02
118000.000	1480.00	0.00	0.00	419.80	11900.00	430.84	0.00	432.97	63.47	12.42	1201.09	1302.55
118000.000	1480.00	0.00	0.00	419.80	16500.00	432.30	0.00	435.22	97.33	14.69	1441.72	1672.45
119720.000	1720.00	0.00	0.00	428.30	6700.00	438.19	0.00	439.10	41.53	8.07	1019.54	1039.71
119720.000	1720.00	0.00	0.00	428.30	10300.00	440.49	0.00	441.71	41.93	9.47	1389.72	1590.62
119720.000	1720.00	0.00	0.00	428.30	11900.00	441.45	0.00	442.77	41.41	9.94	1552.14	1849.36
119720.000	1720.00	0.00	0.00	428.30	16500.00	443.89	0.00	445.49	40.35	11.09	1995.31	2597.67

SECNO	XLCH	ELTRU	ELLC	ELMIN	U	CWSEL	CRINS	EG	10K*S	VCH	AREA	.01K
128830.000	9110.00	0.00	0.00	445.30	6540.00	461.50	0.00	462.10	16.81	6.93	1430.16	1595.05
128830.000	9110.00	0.00	0.00	445.30	10140.00	464.63	0.00	465.39	17.58	8.08	1990.73	2418.19
128830.000	9110.00	0.00	0.00	445.30	11740.00	465.86	0.00	466.63	17.96	8.52	2214.30	2770.34
128830.000	9110.00	0.00	0.00	445.30	16400.00	468.76	0.00	469.78	18.88	9.64	2816.70	3774.44
130450.000	1620.00	0.00	0.00	449.90	6540.00	464.42	0.00	464.96	18.45	6.80	1677.61	1522.73
130450.000	1620.00	0.00	0.00	449.90	10140.00	467.55	0.00	468.07	15.56	7.22	2757.73	2570.62
130450.000	1620.00	0.00	0.00	449.90	11740.00	468.74	0.00	469.25	14.67	7.35	3244.50	3654.71
130450.000	1620.00	0.00	0.00	449.90	16400.00	471.74	0.00	472.22	12.30	7.50	4667.89	4676.11
132000.000	1550.00	0.00	0.00	454.50	6500.00	467.69	0.00	468.49	29.18	7.90	1187.46	1181.00
132000.000	1550.00	0.00	0.00	454.50	9980.00	470.51	0.00	471.33	30.17	7.22	1715.82	1817.01
132000.000	1550.00	0.00	0.00	454.50	11580.00	471.51	0.00	472.39	29.96	9.62	1940.45	2115.74
132000.000	1550.00	0.00	0.00	454.50	16300.00	475.80	0.00	475.06	30.31	10.72	2542.68	2960.91
133730.000	1730.00	0.00	0.00	459.50	6360.00	472.66	0.00	473.50	28.05	7.91	1115.06	1192.00
133730.000	1730.00	0.00	0.00	459.50	9980.00	475.41	0.00	476.49	29.46	9.25	1563.51	1638.61
133730.000	1730.00	0.00	0.00	459.50	11580.00	478.41	0.00	477.60	30.19	9.30	1735.09	2107.46
133730.000	1730.00	0.00	0.00	459.50	16300.00	476.96	0.00	480.46	32.13	11.22	2194.58	2875.44
134820.000	1090.00	0.00	0.00	462.50	6380.00	475.61	0.00	476.18	21.45	6.76	1399.34	1378.12
134820.000	1090.00	0.00	0.00	462.50	9980.00	478.46	0.00	479.17	20.79	7.73	2029.01	2188.98
134820.000	1090.00	0.00	0.00	462.50	11580.00	479.55	0.00	480.50	20.68	8.09	2288.54	2546.66
134820.000	1090.00	0.00	0.00	462.50	16500.00	482.53	0.00	483.19	20.08	8.52	3024.80	3637.30
137040.000	2220.00	0.00	0.00	468.60	6200.00	481.11	0.00	481.92	32.00	7.67	1153.85	1095.97
137040.000	2220.00	0.00	0.00	468.60	9800.00	483.71	0.00	484.60	29.40	6.51	1840.15	1807.29
137040.000	2220.00	0.00	0.00	468.60	11400.00	484.72	0.00	485.63	28.38	8.78	2131.36	2139.69
137040.000	2220.00	0.00	0.00	468.60	16200.00	487.51	0.00	488.29	26.80	9.51	2944.44	3141.11
137295.000	255.00	0.00	0.00	469.50	6200.00	482.29	0.00	482.59	13.60	4.35	1424.60	1681.50
137295.000	255.00	0.00	0.00	469.50	9800.00	484.61	0.00	485.24	13.82	5.25	1868.06	2636.55
137295.000	255.00	0.00	0.00	469.50	11400.00	485.77	0.00	486.26	14.05	5.60	2036.52	3041.86
137295.000	255.00	0.00	0.00	469.50	16200.00	488.22	0.00	488.69	15.04	6.57	2487.48	4177.17
137325.000	50.00	490.40	488.70	469.40	6200.00	482.54	0.00	482.64	13.77	4.57	1419.02	1670.60
137325.000	50.00	490.40	488.70	469.40	9800.00	484.98	0.00	485.51	13.87	5.25	1865.78	2631.32
137325.000	50.00	490.40	488.70	469.40	11400.00	485.84	0.00	486.55	14.06	5.60	2035.75	3040.08
137325.000	50.00	490.40	488.70	469.40	16200.00	489.07	0.00	489.57	12.59	6.22	2604.10	4565.32
137400.000	75.00	0.00	0.00	469.10	6200.00	482.55	0.00	482.90	20.92	8.58	1448.70	1355.52
137400.000	75.00	0.00	0.00	469.10	9800.00	484.90	0.00	485.54	20.45	7.44	2250.50	2167.35
137400.000	75.00	0.00	0.00	469.10	11400.00	485.88	0.00	486.55	20.10	7.71	2598.12	2542.68
137400.000	75.00	0.00	0.00	469.10	16200.00	489.17	0.00	489.78	15.63	7.81	3923.05	4071.68
138460.000	1060.00	0.00	0.00	468.50	5700.00	489.10	0.00	484.55	11.41	5.50	1416.68	1687.42
138460.000	1060.00	0.00	0.00	468.50	9200.00	486.72	0.00	487.26	12.92	6.57	2393.06	2559.19
138460.000	1060.00	0.00	0.00	468.50	10600.00	487.70	0.00	488.27	13.18	6.89	2608.59	2974.91
138460.000	1060.00	0.00	0.00	468.50	15700.00	490.68	0.00	491.24	12.03	7.32	4158.69	4525.68
142600.000	4140.00	0.00	0.00	478.70	5700.00	490.47	0.00	491.09	22.93	6.55	1138.50	1190.25
142600.000	4140.00	0.00	0.00	478.70	9200.00	493.55	0.00	494.03	20.98	7.55	1890.47	2008.64
142600.000	4140.00	0.00	0.00	478.70	10800.00	494.55	0.00	495.09	20.62	7.70	2181.24	2366.71
142600.000	4140.00	0.00	0.00	478.70	15700.00	496.94	0.00	497.01	21.12	8.65	2964.50	3416.66

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*8	VCH	AREA	.01K
142830.000	230.00	0.00	0.00	479.60	5700.00	491.33	0.00	491.54	11.91	3.65	1562.34	1651.43
142830.000	230.00	0.00	0.00	479.60	9200.00	494.17	0.00	494.43	9.84	4.13	2229.35	2932.46
142830.000	230.00	0.00	0.00	479.60	10800.00	495.20	0.00	495.49	9.62	4.37	2472.27	3481.30
142830.000	230.00	0.00	0.00	479.60	15700.00	497.82	0.00	498.22	9.72	5.08	3090.71	5036.47
142870.000	40.00	517.40	524.00	479.60	5700.00	491.50	0.00	491.59	11.65	3.62	1573.97	1670.06
142870.000	40.00	517.40	524.00	479.60	9200.00	494.23	0.00	494.49	9.63	4.10	2243.96	2964.43
142870.000	40.00	517.40	524.00	479.60	10800.00	495.27	0.00	495.56	9.42	4.34	2488.51	3519.27
142870.000	40.00	517.40	524.00	479.60	15700.00	497.91	0.00	498.31	9.50	5.04	3112.44	5095.05
142970.000	100.00	0.00	0.00	478.60	5700.00	491.36	0.00	491.62	15.60	5.74	1590.21	1443.26
142970.000	100.00	0.00	0.00	478.60	9200.00	494.18	0.00	494.75	15.45	6.61	2160.83	2300.46
142970.000	100.00	0.00	0.00	478.60	10800.00	495.21	0.00	495.80	15.63	6.96	2463.29	2731.51
142970.000	100.00	0.00	0.00	478.60	15700.00	497.84	0.00	498.55	16.37	7.91	3287.88	3880.82
143100.000	130.00	0.00	0.00	477.70	5700.00	491.60	0.00	492.00	10.04	4.92	1711.79	1798.72
143100.000	130.00	0.00	0.00	477.70	9200.00	494.50	0.00	494.91	10.74	5.62	2520.02	2806.79
143100.000	130.00	0.00	0.00	477.70	10800.00	495.53	0.00	495.90	11.12	5.18	2837.49	3238.90
143100.000	130.00	0.00	0.00	477.70	15700.00	498.19	0.00	498.75	12.18	7.14	3702.70	4498.72
143700.000	600.00	0.00	0.00	478.00	5700.00	492.41	0.00	493.05	28.88	8.95	1141.87	1060.73
143700.000	600.00	0.00	0.00	478.00	9200.00	495.29	0.00	496.01	29.68	7.74	1751.76	1688.77
143700.000	600.00	0.00	0.00	478.00	10800.00	496.35	0.00	497.10	30.07	8.03	2008.39	1969.48
143700.000	600.00	0.00	0.00	478.00	15700.00	499.07	0.00	499.95	29.67	6.37	2739.56	2872.66
144500.000	800.00	0.00	0.00	478.60	5700.00	493.94	0.00	494.32	9.71	5.10	1345.28	1629.49
144500.000	800.00	0.00	0.00	478.60	9200.00	496.88	0.00	497.47	12.26	6.51	1817.80	2627.01
144500.000	800.00	0.00	0.00	478.60	10800.00	497.96	0.00	498.65	15.32	7.07	2007.56	2958.93
144500.000	800.00	0.00	0.00	478.60	15700.00	500.71	0.00	501.68	16.14	6.55	2530.47	3908.24
145110.000	610.00	0.00	0.00	478.70	5700.00	494.55	0.00	494.87	6.23	4.77	1588.59	1987.02
145110.000	610.00	0.00	0.00	478.70	9200.00	497.70	0.00	498.15	9.72	5.90	2214.37	2951.06
145110.000	610.00	0.00	0.00	478.70	10800.00	498.87	0.00	499.38	10.32	6.34	2467.07	3362.19
145110.000	610.00	0.00	0.00	478.70	15700.00	501.37	0.00	502.54	11.77	7.47	3175.00	4575.53
145650.000	540.00	0.00	0.00	479.00	5700.00	495.00	0.00	495.50	6.05	4.71	1629.03	2011.44
145650.000	540.00	0.00	0.00	479.00	9200.00	498.27	0.00	498.62	8.12	5.42	3036.30	3228.55
145650.000	540.00	0.00	0.00	479.00	10800.00	499.50	0.00	499.86	8.07	5.65	3589.24	3801.72
145650.000	540.00	0.00	0.00	479.00	15700.00	502.68	0.00	503.04	7.44	6.01	3202.18	5754.36
146800.000	1150.00	0.00	0.00	479.60	5400.00	495.66	0.00	496.14	7.62	4.58	1785.20	1956.83
146800.000	1150.00	0.00	0.00	479.60	8800.00	499.09	0.00	499.44	6.06	5.58	2417.77	3099.30
146800.000	1150.00	0.00	0.00	479.60	10400.00	500.30	0.00	500.66	6.04	5.61	3609.60	3667.25
146800.000	1150.00	0.00	0.00	479.60	15400.00	503.41	0.00	503.70	6.68	5.65	6379.47	5957.67
147630.000	830.00	0.00	0.00	480.00	5400.00	498.43	0.00	498.34	3.73	4.95	1523.79	1827.73
147630.000	830.00	0.00	0.00	480.00	8800.00	499.76	0.00	500.10	6.00	5.39	3187.60	3111.63
147630.000	830.00	0.00	0.00	480.00	10400.00	500.90	0.00	501.30	7.55	5.46	3959.75	3785.27
147630.000	830.00	0.00	0.00	480.00	15400.00	503.97	0.00	504.26	6.77	5.68	6053.20	5919.51
149350.000	1720.00	0.00	0.00	480.80	5400.00	497.76	0.00	497.91	4.65	5.66	2758.56	2504.27
149350.000	1720.00	0.00	0.00	480.80	8800.00	500.95	0.00	501.12	4.62	4.14	4339.73	4092.08
149350.000	1720.00	0.00	0.00	480.80	10400.00	502.12	0.00	502.29	4.61	4.30	4989.38	4843.41
149350.000	1720.00	0.00	0.00	480.80	15400.00	503.02	0.00	503.21	4.80	4.88	6746.81	7028.86

SECNU	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*8	VCH	AREA	.01K
150700.000	1350.00	0.00	0.00	481.40	5400.00	498.31	0.00	498.41	3.62	3.22	3730.40	2836.55
150700.000	1350.00	0.00	0.00	481.40	8800.00	501.47	0.00	501.56	3.08	3.37	6179.03	5013.93
150700.000	1350.00	0.00	0.00	481.40	10400.00	502.63	0.00	502.72	2.95	3.45	7135.28	6058.63
150700.000	1350.00	0.00	0.00	481.40	15400.00	505.54	0.00	505.63	2.85	3.70	9617.16	9117.55
151850.000	1150.00	0.00	0.00	482.00	5400.00	498.71	0.00	498.84	4.50	3.49	3449.58	2604.11
151850.000	1150.00	0.00	0.00	482.00	8000.00	501.81	0.00	501.91	3.47	3.54	5972.66	4720.71
151850.000	1150.00	0.00	0.00	482.00	10400.00	502.95	0.00	503.04	3.28	3.58	6972.02	5743.77
151850.000	1150.00	0.00	0.00	482.00	15400.00	505.84	0.00	505.93	3.05	3.79	9626.59	8811.97
152930.000	1080.00	0.00	0.00	482.50	5400.00	499.19	0.00	499.76	14.87	6.24	1196.46	1400.26
152930.000	1080.00	0.00	0.00	482.50	8800.00	502.20	0.00	502.64	11.72	6.30	3295.53	2570.12
152930.000	1080.00	0.00	0.00	482.50	10400.00	503.33	0.00	503.69	10.00	6.07	4349.22	3288.91
152930.000	1080.00	0.00	0.00	482.50	15400.00	506.22	0.00	506.46	7.24	5.69	7218.04	5724.94
157880.000	4950.00	0.00	0.00	486.50	5320.00	504.13	0.00	504.40	7.22	4.62	1980.29	1980.15
157880.000	4950.00	0.00	0.00	486.50	8700.00	506.44	0.00	506.78	6.76	5.50	3123.79	2939.92
157880.000	4950.00	0.00	0.00	486.50	10300.00	507.20	0.00	507.57	9.61	6.04	3532.96	3323.13
157880.000	4950.00	0.00	0.00	486.50	15300.00	509.33	0.00	509.75	11.13	7.00	4782.63	4586.02
158560.000	680.00	0.00	0.00	488.50	5320.00	504.67	0.00	505.19	14.95	6.28	1420.80	1375.96
158560.000	680.00	0.00	0.00	488.50	8700.00	507.67	0.00	507.72	16.71	7.76	2055.71	2011.06
158560.000	680.00	0.00	0.00	488.50	10300.00	507.87	0.00	508.06	20.65	6.40	2292.81	2266.01
158560.000	680.00	0.00	0.00	488.50	15300.00	510.06	0.00	511.01	24.65	9.90	3019.66	3081.35
158680.000	120.00	0.00	0.00	488.50	5320.00	505.22	0.00	505.37	7.30	3.01	1765.06	1968.47
158680.000	120.00	0.00	0.00	488.50	8700.00	507.78	0.00	507.98	7.43	3.65	2383.40	3192.09
158680.000	120.00	0.00	0.00	488.50	10300.00	508.65	0.00	508.90	7.69	3.96	2599.17	3666.53
158680.000	120.00	0.00	0.00	488.50	15300.00	510.99	0.00	511.55	9.14	4.01	3182.34	5059.52
158720.000	40.00	520.10	537.20	488.50	5320.00	505.26	0.00	505.40	7.20	3.00	1772.61	1982.10
158720.000	40.00	520.10	537.20	488.50	8700.00	507.82	0.00	508.03	7.32	3.63	2394.03	3214.93
158720.000	40.00	520.10	537.20	488.50	10300.00	508.70	0.00	508.95	7.77	3.94	2611.63	3694.62
158720.000	40.00	520.10	537.20	488.50	15300.00	511.07	0.00	511.42	8.98	4.78	3201.07	5105.44
158800.000	80.00	0.00	0.00	488.60	5320.00	505.19	0.00	505.61	13.01	3.97	1519.65	1474.80
158800.000	80.00	0.00	0.00	488.60	8700.00	507.72	0.00	508.29	16.03	7.33	2206.37	2173.15
158800.000	80.00	0.00	0.00	488.60	10300.00	508.60	0.00	509.23	17.57	7.92	2472.90	2457.15
158800.000	80.00	0.00	0.00	488.60	15300.00	510.94	0.00	511.76	21.03	9.37	3260.11	3336.30
158935.000	135.00	0.00	0.00	489.00	5320.00	505.71	0.00	505.78	2.65	2.22	2396.03	3279.17
158935.000	135.00	0.00	0.00	489.00	8700.00	508.38	0.00	508.51	3.45	2.84	3061.35	4697.12
158935.000	135.00	0.00	0.00	489.00	10300.00	509.53	0.00	509.48	3.70	3.12	3305.62	5297.96
158935.000	135.00	0.00	0.00	489.00	15300.00	511.62	0.00	512.05	4.61	3.87	3953.09	7127.96
158965.000	30.00	522.30	517.70	489.00	5320.00	505.72	0.00	505.78	2.23	2.04	2606.85	3564.10
158965.000	30.00	522.30	517.70	489.00	8700.00	508.40	0.00	508.51	2.71	2.65	3304.04	5282.84
158965.000	30.00	522.30	517.70	489.00	10300.00	509.55	0.00	509.48	3.00	2.90	3549.71	5949.85
158965.000	30.00	522.30	517.70	489.00	15300.00	511.85	0.00	512.05	3.79	3.64	4199.80	7859.39
159020.000	55.00	0.00	0.00	489.00	5320.00	505.68	0.00	505.86	6.03	4.29	2389.63	2167.06
159020.000	55.00	0.00	0.00	489.00	8700.00	508.36	0.00	508.60	7.33	3.26	3226.14	3213.71
159020.000	55.00	0.00	0.00	489.00	10300.00	509.50	0.00	509.58	8.05	3.71	3530.15	3630.15
159020.000	55.00	0.00	0.00	489.00	15300.00	511.79	0.00	512.17	9.95	6.89	4359.39	4850.80

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
159090.000	70.00	0.00	0.00	489.00	5320.00	505.73	0.00	505.90	5.96	4.27	2400.69	2179.86
159090.000	70.00	0.00	0.00	489.00	8700.00	508.41	0.00	508.65	7.24	5.24	3240.29	3232.69
159090.000	70.00	0.00	0.00	489.00	10300.00	509.36	0.00	509.63	7.93	5.68	3549.60	3657.39
159090.000	70.00	0.00	0.00	489.00	15300.00	511.86	0.00	512.24	9.79	6.65	4384.73	4689.91
161900.000	2810.00	0.00	0.00	491.90	5180.00	507.87	0.00	508.25	11.90	5.90	1499.43	1501.79
161900.000	2810.00	0.00	0.00	491.90	8530.00	510.93	0.00	511.45	13.63	7.17	2129.80	2310.25
161900.000	2810.00	0.00	0.00	491.90	10130.00	512.08	0.00	512.66	14.44	7.70	2380.09	2665.78
161900.000	2810.00	0.00	0.00	491.90	15070.00	515.10	0.00	515.84	16.32	9.04	3094.82	3729.90
162060.000	160.00	0.00	0.00	490.50	5180.00	508.16	0.00	508.40	6.54	3.94	1316.34	2025.81
162060.000	160.00	0.00	0.00	490.50	8530.00	511.21	0.00	511.63	8.79	5.18	1646.97	2877.60
162060.000	160.00	0.00	0.00	490.50	10130.00	512.34	0.00	512.85	9.83	5.72	1770.00	3230.49
162060.000	160.00	0.00	0.00	490.50	15070.00	515.28	0.00	516.09	12.81	7.21	2090.55	4210.42
162080.000	20.00	530.70	519.70	490.50	5180.00	508.16	0.00	508.40	6.21	3.85	1346.58	2078.52
162080.000	20.00	530.70	519.70	490.50	8530.00	511.21	0.00	511.63	8.23	5.08	1679.47	2972.90
162080.000	20.00	530.70	519.70	490.50	10130.00	512.34	0.00	512.85	9.25	5.62	1802.50	3329.94
162080.000	20.00	530.70	519.70	490.50	15070.00	515.28	0.00	516.09	12.17	7.10	2123.04	4320.07
162200.000	120.00	0.00	0.00	492.20	5180.00	508.10	0.00	508.59	17.05	6.86	1501.39	1254.61
162200.000	120.00	0.00	0.00	492.20	8530.00	511.30	0.00	511.79	15.05	7.49	2389.67	2156.06
162200.000	120.00	0.00	0.00	492.20	10130.00	512.49	0.00	513.00	15.62	7.81	2743.38	2563.38
162200.000	120.00	0.00	0.00	492.20	15070.00	515.74	0.00	516.28	14.92	8.47	3029.78	3901.17
162500.000	300.00	0.00	0.00	492.40	5180.00	508.64	0.00	509.08	15.03	6.54	1590.52	1336.06
162500.000	300.00	0.00	0.00	492.40	8530.00	511.79	0.00	512.24	14.38	7.26	2472.43	2249.32
162500.000	300.00	0.00	0.00	492.40	10130.00	512.98	0.00	513.45	14.41	7.58	2831.03	2658.67
162500.000	300.00	0.00	0.00	492.40	15070.00	516.20	0.00	516.71	14.01	8.26	3931.34	4029.82
164270.000	1770.00	0.00	0.00	493.40	5180.00	510.34	0.00	510.56	6.20	4.36	1779.46	2079.65
164270.000	1770.00	0.00	0.00	493.40	8530.00	513.47	0.00	513.80	7.47	5.44	2624.60	3120.07
164270.000	1770.00	0.00	0.00	493.40	10130.00	514.67	0.00	515.03	7.67	5.82	3068.97	3610.15
164270.000	1770.00	0.00	0.00	493.40	15070.00	517.84	0.00	518.27	8.33	6.54	4571.47	5221.75
165400.000	1130.00	0.00	0.00	494.10	5180.00	511.02	0.00	511.27	5.17	4.24	1669.57	2084.64
165400.000	1130.00	0.00	0.00	494.10	8530.00	514.28	0.00	514.61	6.90	5.15	2632.74	3247.55
165400.000	1130.00	0.00	0.00	494.10	10130.00	515.52	0.00	515.88	7.13	5.46	3099.16	3794.00
165400.000	1130.00	0.00	0.00	494.10	15070.00	518.74	0.00	519.16	7.44	6.19	4568.77	5526.45
165580.000	180.00	0.00	0.00	494.50	5180.00	511.13	0.00	511.38	5.93	3.76	1509.24	2126.51
165580.000	180.00	0.00	0.00	494.50	8530.00	514.40	0.00	514.74	7.36	4.98	2244.33	3139.40
165580.000	180.00	0.00	0.00	494.50	10130.00	515.69	0.00	516.00	6.04	5.00	3223.54	4121.10
165580.000	180.00	0.00	0.00	494.50	15070.00	518.91	0.00	519.29	6.39	5.72	4714.16	5960.54
165620.000	40.00	512.00	514.60	494.50	5180.00	511.16	0.00	511.43	6.79	4.24	1222.34	1988.47
165620.000	40.00	512.00	514.60	494.50	8530.00	514.61	0.00	514.93	6.94	4.86	2347.23	3238.14
165620.000	40.00	512.00	514.60	494.50	10130.00	516.06	0.00	516.27	4.43	4.34	4215.64	4812.76
165620.000	40.00	512.00	514.60	494.50	15070.00	519.16	0.00	519.39	4.55	4.86	6017.42	7066.94
165730.000	110.00	0.00	0.00	494.30	5180.00	511.32	0.00	511.50	4.53	3.89	2098.82	2428.74
165730.000	110.00	0.00	0.00	494.30	8530.00	514.80	0.00	515.00	4.55	4.23	3567.44	3998.63
165730.000	110.00	0.00	0.00	494.30	10130.00	516.10	0.00	516.32	4.32	4.42	4247.11	4762.23
165730.000	110.00	0.00	0.00	494.30	15070.00	519.21	0.00	519.45	4.67	4.94	6057.53	6977.12

SECNO	XLCH	ELTRD	LLLC	ELMIN	U	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
166000.000	270.00	0.00	0.00	494.70	5180.00	511.44	0.00	511.64	4.95	3.80	2003.88	2329.26
166000.000	270.00	0.00	0.00	494.70	8530.00	514.91	0.00	515.14	4.92	4.36	3429.86	3846.36
166000.000	270.00	0.00	0.00	494.70	10130.00	516.22	0.00	516.45	4.87	4.54	4094.22	4588.83
166000.000	270.00	0.00	0.00	494.70	15070.00	519.33	0.00	519.58	4.96	5.06	5882.09	6750.64
167210.000	1210.00	0.00	0.00	496.50	5000.00	512.16	0.00	512.62	12.98	5.58	1049.57	1387.79
167210.000	1210.00	0.00	0.00	496.50	8300.00	515.54	0.00	516.22	14.60	6.91	1556.80	2172.19
167210.000	1210.00	0.00	0.00	496.50	9900.00	516.80	0.00	517.57	15.49	7.48	1768.21	2515.22
167210.000	1210.00	0.00	0.00	496.50	14800.00	519.78	0.00	520.87	18.39	9.06	2324.34	3451.42
171000.000	3790.00	0.00	0.00	500.50	5000.00	515.51	0.00	515.66	5.42	3.83	2074.52	2148.38
171000.000	3790.00	0.00	0.00	500.50	8300.00	519.21	0.00	519.43	5.39	4.49	3054.25	3575.10
171000.000	3790.00	0.00	0.00	500.50	9900.00	520.65	0.00	520.89	5.46	4.77	3467.33	4236.39
171000.000	3790.00	0.00	0.00	500.50	14800.00	524.24	0.00	524.54	5.77	5.52	4642.69	6159.87
171205.000	205.00	0.00	0.00	499.70	5000.00	515.66	0.00	515.78	4.03	2.66	1749.27	2489.99
171205.000	205.00	0.00	0.00	499.70	8300.00	519.33	0.00	519.52	4.21	3.53	2347.99	4046.73
171205.000	205.00	0.00	0.00	499.70	9900.00	520.76	0.00	520.99	4.39	3.84	2581.10	4727.30
171205.000	205.00	0.00	0.00	499.70	14800.00	524.39	0.00	524.64	5.96	4.25	4129.41	7440.37
171235.000	30.00	525.80	527.30	499.70	5000.00	515.69	0.00	515.86	5.40	3.30	1517.15	2152.53
171235.000	30.00	525.80	527.30	499.70	8300.00	519.38	0.00	519.63	5.18	4.03	2059.27	3338.71
171235.000	30.00	525.80	527.30	499.70	9900.00	520.61	0.00	521.10	6.55	4.33	2285.00	3869.21
171235.000	30.00	525.80	527.30	499.70	14800.00	524.44	0.00	524.85	7.07	5.15	2874.98	5565.42
171300.000	65.00	0.00	0.00	500.80	5000.00	515.68	0.00	515.92	6.55	4.24	1568.96	1953.88
171300.000	65.00	0.00	0.00	500.80	8300.00	519.35	0.00	519.70	7.37	5.26	2195.40	3057.60
171300.000	65.00	0.00	0.00	500.80	9900.00	520.78	0.00	521.16	7.77	5.69	2460.19	3552.31
171300.000	65.00	0.00	0.00	500.80	14800.00	524.34	0.00	524.95	8.63	6.63	3183.82	4973.65
171550.000	250.00	0.00	0.00	503.10	5000.00	515.84	0.00	516.13	9.86	4.98	1518.61	1592.70
171550.000	250.00	0.00	0.00	503.10	8300.00	519.54	0.00	519.92	9.69	5.88	2266.33	2666.60
171550.000	250.00	0.00	0.00	503.10	9900.00	520.98	0.00	521.41	9.77	6.25	2593.47	3166.66
171550.000	250.00	0.00	0.00	503.10	14800.00	524.64	0.00	525.18	10.15	7.23	3509.20	4646.41
171600.000	50.00	0.00	0.00	503.20	5000.00	515.69	0.00	516.19	10.01	5.01	1509.23	1579.96
171600.000	50.00	0.00	0.00	503.20	8300.00	519.58	0.00	519.97	9.81	5.90	2255.47	2650.28
171600.000	50.00	0.00	0.00	503.20	9900.00	521.03	0.00	521.46	9.90	6.28	2580.47	3146.49
171600.000	50.00	0.00	0.00	503.20	14800.00	524.64	0.00	525.24	10.25	7.26	3494.64	4622.44
171650.000	50.00	515.00	514.00	504.50	5000.00	520.63	0.00	520.91	7.08	4.47	1517.51	1881.20
171650.000	50.00	515.00	514.00	504.50	8300.00	522.22	0.00	522.77	12.46	6.38	1846.38	2351.25
171650.000	50.00	515.00	514.00	504.50	9900.00	522.94	0.00	523.61	14.69	7.13	2005.24	2582.65
171650.000	50.00	515.00	514.00	504.50	14800.00	525.44	0.00	526.37	18.05	8.68	2603.04	3483.75
171825.000	175.00	0.00	0.00	505.00	5000.00	520.77	0.00	521.03	7.10	4.41	1661.37	1876.52
171825.000	175.00	0.00	0.00	505.00	8300.00	522.52	0.00	522.94	11.57	6.09	2109.98	2439.68
171825.000	175.00	0.00	0.00	505.00	9900.00	523.31	0.00	523.87	13.19	6.72	2331.39	2725.97
171825.000	175.00	0.00	0.00	505.00	14800.00	525.96	0.00	526.68	14.95	7.91	3152.03	3828.10
172000.000	175.00	0.00	0.00	505.20	5000.00	520.89	0.00	521.16	7.29	4.45	1641.41	1852.03
172000.000	175.00	0.00	0.00	505.20	8300.00	522.72	0.00	523.19	11.54	6.09	2112.77	2443.25
172000.000	175.00	0.00	0.00	505.20	9900.00	523.54	0.00	524.10	13.03	6.69	2343.93	2742.32
172000.000	175.00	0.00	0.00	505.20	14800.00	526.24	0.00	526.94	14.67	7.88	3178.56	3864.61

SECNO	XLCH	FLTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
172900.000	900.00	0.00	0.00	506.40	4200.00	521.59	0.00	521.81	7.12	4.04	1474.48	1574.33
172900.000	900.00	0.00	0.00	506.40	7200.00	523.81	0.00	524.17	9.93	5.32	2148.89	2285.21
172900.000	900.00	0.00	0.00	506.40	8800.00	524.77	0.00	525.19	11.03	5.85	2474.02	2650.12
172900.000	900.00	0.00	0.00	506.40	13500.00	527.64	0.00	528.14	11.71	6.74	3551.33	3944.63
173050.000	150.00	0.00	0.00	506.60	4200.00	521.60	0.00	521.95	8.03	4.27	1238.10	1481.87
173050.000	150.00	0.00	0.00	506.60	7200.00	523.92	0.00	524.38	11.86	5.79	1780.40	2090.36
173050.000	150.00	0.00	0.00	506.60	8800.00	524.89	0.00	525.44	13.38	6.42	2045.23	2405.49
173050.000	150.00	0.00	0.00	506.60	13500.00	527.74	0.00	528.44	14.90	7.57	2895.95	3497.35
173070.000	20.00	0.00	0.00	506.60	4200.00	521.70	0.00	521.96	8.01	4.27	1249.84	1483.84
173070.000	20.00	0.00	0.00	506.60	7200.00	523.95	0.00	524.40	11.79	5.70	1786.17	2097.02
173070.000	20.00	0.00	0.00	506.60	8800.00	524.92	0.00	525.47	13.29	6.41	2052.06	2413.78
173070.000	20.00	0.00	0.00	506.60	13500.00	527.78	0.00	528.47	14.80	7.56	2908.47	3508.71
173200.000	130.00	0.00	0.00	506.80	4200.00	521.83	0.00	522.07	7.52	4.12	1431.87	1531.97
173200.000	130.00	0.00	0.00	506.80	7200.00	524.21	0.00	524.57	9.91	5.32	2150.92	2287.44
173200.000	130.00	0.00	0.00	506.80	8800.00	525.25	0.00	525.66	10.78	5.80	2500.47	2680.35
173200.000	130.00	0.00	0.00	506.80	13500.00	528.22	0.00	528.70	11.19	6.63	3622.55	4035.07
173330.000	120.00	0.00	0.00	506.90	4200.00	521.95	0.00	522.18	9.84	3.84	1094.18	1339.13
173330.000	120.00	0.00	0.00	506.90	7200.00	524.34	0.00	524.74	15.88	5.10	1411.32	1807.01
173330.000	120.00	0.00	0.00	506.90	8800.00	525.37	0.00	525.86	16.93	5.63	1562.04	2139.02
173330.000	120.00	0.00	0.00	506.90	13500.00	528.27	0.00	528.98	17.91	6.79	1988.28	3189.56
173370.000	40.00	536.40	534.00	507.00	4200.00	521.98	0.00	522.21	10.07	3.87	1085.94	1323.37
173370.000	40.00	536.40	534.00	507.00	7200.00	524.40	0.00	524.81	16.13	5.13	1404.57	1792.65
173370.000	40.00	536.40	534.00	507.00	8800.00	525.44	0.00	525.94	17.07	5.65	1557.97	2129.76
173370.000	40.00	536.40	534.00	507.00	13500.00	528.37	0.00	529.09	17.89	6.79	1989.26	3192.15
173420.000	50.00	0.00	0.00	507.10	4200.00	522.03	0.00	522.25	7.08	4.12	1540.74	1578.28
173420.000	50.00	0.00	0.00	507.10	7200.00	524.56	0.00	524.89	9.24	5.27	2273.71	2368.48
173420.000	50.00	0.00	0.00	507.10	8800.00	525.66	0.00	526.04	10.00	5.72	2636.50	2782.35
173420.000	50.00	0.00	0.00	507.10	13500.00	528.81	0.00	529.24	10.27	6.48	3794.45	4212.33
173500.000	80.00	0.00	0.00	507.20	4200.00	522.00	0.00	522.31	7.17	4.14	1530.91	1568.30
173500.000	80.00	0.00	0.00	507.20	7200.00	524.63	0.00	524.96	9.32	5.28	2264.94	2358.70
173500.000	80.00	0.00	0.00	507.20	8800.00	525.74	0.00	526.12	10.06	5.74	2629.30	2773.84
173500.000	80.00	0.00	0.00	507.20	13500.00	528.89	0.00	529.32	10.32	6.49	3786.29	4201.83
173850.000	350.00	0.00	0.00	507.80	4200.00	522.33	0.00	522.59	6.12	4.33	1436.16	1473.64
173850.000	350.00	0.00	0.00	507.80	7200.00	524.95	0.00	525.31	10.13	5.44	2177.93	2262.47
173850.000	350.00	0.00	0.00	507.80	8800.00	526.09	0.00	526.49	10.80	5.89	2545.95	2677.25
173850.000	350.00	0.00	0.00	507.80	13500.00	529.25	0.00	529.70	10.95	6.63	3691.56	4060.35
173920.000	70.00	0.00	0.00	507.90	4200.00	522.36	0.00	522.72	11.98	5.15	1123.87	1213.52
173920.000	70.00	0.00	0.00	507.90	7200.00	524.96	0.00	525.32	15.64	6.68	1595.30	1820.46
173920.000	70.00	0.00	0.00	507.90	8800.00	526.08	0.00	526.74	17.16	7.35	1814.77	2124.43
173920.000	70.00	0.00	0.00	507.90	13500.00	529.18	0.00	530.05	18.97	8.70	2472.91	3099.21
173970.000	50.00	0.00	0.00	508.00	4200.00	522.38	0.00	522.85	14.45	5.61	861.75	1104.75
173970.000	50.00	0.00	0.00	508.00	7200.00	524.93	0.00	525.78	21.13	7.70	1123.87	1566.33
173970.000	50.00	0.00	0.00	508.00	8800.00	526.02	0.00	527.08	24.24	8.64	1241.83	1787.52
173970.000	50.00	0.00	0.00	508.00	13500.00	529.01	0.00	530.61	29.69	10.77	1579.14	2469.08

SECNO	XLCH	ELTRD	ELLC	ELMIN	W	CWSEL	CRINS	EG	10K+S	VCH	AREA	.01K
173990.000	20.00	0.00	0.00	508.10	4200.00	522.41	0.00	522.88	14.78	5.65	854.50	1092.60
173990.000	20.00	0.00	0.00	508.10	7200.00	524.97	0.00	525.83	21.47	7.74	1117.11	1553.94
173990.000	20.00	0.00	0.00	508.10	8800.00	526.07	0.00	527.13	24.57	8.68	1235.39	1775.22
173990.000	20.00	0.00	0.00	508.10	13500.00	529.06	0.00	530.67	30.20	10.81	1573.19	2456.40
174050.000	60.00	0.00	0.00	508.10	4200.00	522.65	0.00	523.01	11.60	5.09	1140.09	1235.10
174050.000	60.00	0.00	0.00	508.10	7200.00	525.55	0.00	526.07	13.99	6.43	1671.52	1924.66
174050.000	60.00	0.00	0.00	508.10	8800.00	526.84	0.00	527.44	14.78	6.98	1930.40	2289.20
174050.000	60.00	0.00	0.00	508.10	13500.00	530.41	0.00	531.15	15.16	8.05	2707.92	3466.74
174340.000	190.00	0.00	0.00	508.30	4200.00	522.87	0.00	523.23	11.51	5.08	1143.91	1237.63
174340.000	190.00	0.00	0.00	508.30	7200.00	525.82	0.00	526.34	13.72	6.39	1685.51	1945.95
174340.000	190.00	0.00	0.00	508.30	8800.00	527.13	0.00	527.72	14.45	6.93	1948.13	2314.73
174340.000	190.00	0.00	0.00	508.30	13500.00	530.71	0.00	531.44	14.64	7.99	2731.74	3504.51
177530.000	3190.00	0.00	0.00	511.00	4200.00	528.05	0.00	528.55	9.29	4.41	1240.59	1458.60
177530.000	3190.00	0.00	0.00	511.00	7200.00	529.46	0.00	529.84	8.72	5.38	2000.00	2411.07
177530.000	3190.00	0.00	0.00	511.00	8800.00	530.93	0.00	531.34	9.08	5.76	2307.76	2921.02
177530.000	3190.00	0.00	0.00	511.00	13500.00	534.58	0.00	535.05	8.81	6.45	3634.08	4547.68
179320.000	1790.00	0.00	0.00	519.20	4200.00	528.52	0.00	529.50	47.80	8.15	626.30	607.49
179320.000	1790.00	0.00	0.00	519.20	7200.00	531.86	0.00	532.90	36.54	8.86	1172.53	1191.16
179320.000	1790.00	0.00	0.00	519.20	8800.00	533.29	0.00	534.34	33.50	9.15	1450.21	1520.30
179320.000	1790.00	0.00	0.00	519.20	13500.00	536.74	0.00	537.86	28.94	9.91	2202.08	2509.70
179420.000	100.00	0.00	0.00	520.30	4200.00	529.42	0.00	529.83	17.87	5.23	905.55	993.52
179420.000	100.00	0.00	0.00	520.30	7200.00	532.63	0.00	533.18	16.52	6.21	1420.53	1771.37
179420.000	100.00	0.00	0.00	520.30	8800.00	533.99	0.00	534.61	16.34	6.64	1681.33	2176.99
179420.000	100.00	0.00	0.00	520.30	13500.00	537.35	0.00	538.11	16.11	7.66	2396.69	3363.88
179600.000	180.00	0.00	0.00	521.80	4200.00	529.82	0.00	530.30	54.34	5.56	755.96	716.70
179600.000	180.00	0.00	0.00	521.80	7200.00	533.01	0.00	533.55	25.81	5.92	1224.61	1417.22
179600.000	180.00	0.00	0.00	521.80	8800.00	534.39	0.00	534.97	22.97	6.13	1468.07	1835.99
179600.000	180.00	0.00	0.00	521.80	13500.00	537.77	0.00	538.45	19.10	6.69	2156.46	3089.32
179640.000	40.00	551.00	548.00	522.00	4200.00	529.93	0.00	530.43	35.01	5.64	744.40	701.84
179640.000	40.00	551.00	548.00	522.00	7200.00	533.12	0.00	533.67	26.61	5.99	1202.88	1390.53
179640.000	40.00	551.00	548.00	522.00	8800.00	534.50	0.00	535.10	23.90	6.21	1417.36	1800.17
179640.000	40.00	551.00	548.00	522.00	13500.00	537.90	0.00	538.64	20.51	6.88	1961.00	2981.23
179700.000	60.00	0.00	0.00	522.70	4200.00	530.07	0.00	530.75	39.98	6.70	672.60	665.11
179700.000	60.00	0.00	0.00	522.70	7200.00	533.14	0.00	534.00	31.50	7.63	1100.35	1202.87
179700.000	60.00	0.00	0.00	522.70	8800.00	534.50	0.00	535.43	29.31	8.02	1325.63	1625.54
179700.000	60.00	0.00	0.00	522.70	13500.00	537.86	0.00	538.95	25.67	8.93	1982.63	2664.68
180000.000	300.00	0.00	0.00	525.20	4130.00	531.48	0.00	532.44	70.02	7.91	543.97	493.55
180000.000	300.00	0.00	0.00	525.20	7070.00	534.16	0.00	535.39	53.88	8.97	884.55	963.16
180000.000	300.00	0.00	0.00	525.20	8700.00	535.43	0.00	536.75	49.85	9.46	1067.39	1232.16
180000.000	300.00	0.00	0.00	525.20	13400.00	538.61	0.00	540.13	41.25	10.40	1623.88	2086.34
* 180300.000	300.00	0.00	0.00	537.80	4130.00	541.63	541.63	543.54	258.65	11.07	373.07	257.10
* 180300.000	300.00	0.00	0.00	537.80	7070.00	543.27	543.27	545.98	235.64	13.21	535.57	460.57
* 180300.000	300.00	0.00	0.00	537.80	8700.00	544.09	544.09	547.17	223.94	14.09	621.79	581.37
* 180300.000	300.00	0.00	0.00	537.80	13400.00	546.22	546.22	550.17	200.19	16.02	867.47	947.08



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SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*8	VCH	AREA	.01K
180350.000	50.00	0.00	0.00	527.80	4130.00	544.57	0.00	544.66	2.16	2.66	2234.75	2809.04
180350.000	50.00	0.00	0.00	527.80	7070.00	547.39	0.00	547.56	3.28	3.67	2896.57	3902.09
180350.000	50.00	0.00	0.00	527.80	8700.00	548.75	0.00	548.95	3.74	4.11	3240.85	4495.68
180350.000	50.00	0.00	0.00	527.80	13400.00	552.14	0.00	552.43	4.70	5.12	4169.56	6179.73
181000.000	650.00	0.00	0.00	528.40	4130.00	544.75	0.00	544.80	2.11	2.53	3257.37	2843.56
181000.000	650.00	0.00	0.00	528.40	7070.00	547.68	0.00	547.76	2.70	3.22	4417.02	4305.46
181000.000	650.00	0.00	0.00	528.40	8700.00	549.09	0.00	549.18	2.88	3.50	5009.11	5126.35
181000.000	650.00	0.00	0.00	528.40	13400.00	552.58	0.00	552.70	3.10	4.11	6599.04	7511.54
182280.000	1280.00	0.00	0.00	530.00	3750.00	545.05	0.00	545.11	2.67	2.69	2774.64	2292.89
182280.000	1280.00	0.00	0.00	530.00	6500.00	548.04	0.00	548.13	3.15	3.32	3923.09	3640.82
182280.000	1280.00	0.00	0.00	530.00	8100.00	549.48	0.00	549.58	3.36	3.62	4501.46	4418.66
182280.000	1280.00	0.00	0.00	530.00	12800.00	553.01	0.00	553.14	3.69	4.27	5048.77	6663.25
183080.000	800.00	0.00	0.00	531.00	3750.00	545.28	0.00	545.36	3.53	2.97	2497.66	1994.90
183080.000	800.00	0.00	0.00	531.00	6500.00	548.31	0.00	548.42	3.89	3.58	3631.19	3294.77
183080.000	800.00	0.00	0.00	531.00	8100.00	549.76	0.00	549.87	4.04	3.87	4207.35	4028.10
183080.000	800.00	0.00	0.00	531.00	12800.00	553.32	0.00	553.46	4.28	4.50	5731.53	6184.80
186440.000	3360.00	0.00	0.00	535.00	3750.00	546.85	0.00	546.94	6.54	3.51	2241.74	1465.94
186440.000	3360.00	0.00	0.00	535.00	6500.00	549.92	0.00	550.03	6.04	4.00	3434.11	2645.83
186440.000	3360.00	0.00	0.00	535.00	8100.00	551.38	0.00	551.49	5.81	4.20	4049.42	3360.63
186440.000	3360.00	0.00	0.00	535.00	12800.00	554.96	0.00	555.09	5.49	4.70	5665.03	5464.89
189090.000	2650.00	0.00	0.00	538.30	3640.00	549.68	0.00	550.26	29.58	7.04	896.52	669.24
189090.000	2650.00	0.00	0.00	538.30	6350.00	552.43	0.00	552.93	23.29	7.38	1839.05	1315.84
189090.000	2650.00	0.00	0.00	538.30	7950.00	553.75	0.00	554.22	20.81	7.45	2343.08	1742.78
189090.000	2650.00	0.00	0.00	538.30	12650.00	557.08	0.00	557.50	16.31	7.62	3742.33	3132.19
189200.000	110.00	0.00	0.00	538.90	3530.00	549.99	0.00	550.61	31.97	7.18	826.08	624.36
189200.000	110.00	0.00	0.00	538.90	6200.00	552.62	0.00	553.25	28.45	7.97	1530.00	1162.48
189200.000	110.00	0.00	0.00	538.90	7800.00	553.89	0.00	554.53	26.92	8.29	1910.92	1503.35
189200.000	110.00	0.00	0.00	538.90	12500.00	557.14	0.00	557.77	22.88	8.84	3005.05	2612.99
189300.000	100.00	0.00	0.00	539.40	3530.00	550.29	0.00	550.96	35.48	7.46	756.35	592.60
189300.000	100.00	0.00	0.00	539.40	6200.00	552.79	0.00	553.64	36.70	8.89	1235.82	1023.49
189300.000	100.00	0.00	0.00	539.40	7800.00	554.01	0.00	554.93	36.83	9.51	1503.67	1285.26
189300.000	100.00	0.00	0.00	539.40	12500.00	557.14	0.00	558.17	34.42	10.62	2302.59	2130.75
189430.000	130.00	0.00	0.00	539.90	3530.00	550.75	0.00	551.44	36.28	7.52	741.59	586.08
189430.000	130.00	0.00	0.00	539.90	6200.00	553.27	0.00	554.17	38.22	9.06	1146.06	1002.90
189430.000	130.00	0.00	0.00	539.90	7800.00	554.48	0.00	555.49	39.20	9.80	1349.96	1245.84
189430.000	130.00	0.00	0.00	539.90	12500.00	557.57	0.00	558.85	39.91	11.41	1893.69	1978.68
* 189450.000	20.00	551.80	551.70	540.00	3530.00	557.41	0.00	557.51	3.42	3.30	1845.52	1909.30
* 189450.000	20.00	551.80	551.70	540.00	6200.00	558.95	0.00	559.19	7.09	5.06	2127.63	2327.70
* 189450.000	20.00	551.80	551.70	540.00	7800.00	559.71	0.00	560.05	9.35	5.98	2269.44	2550.23
* 189450.000	20.00	551.80	551.70	540.00	12500.00	561.73	0.00	562.36	15.38	8.23	2659.02	3187.30
189470.000	20.00	0.00	0.00	540.10	3530.00	557.41	0.00	557.52	3.51	3.33	1828.07	1885.23
189470.000	20.00	0.00	0.00	540.10	6200.00	558.96	0.00	559.21	7.25	5.10	2111.69	2303.01
189470.000	20.00	0.00	0.00	540.10	7800.00	559.73	0.00	560.07	9.54	6.02	2254.04	2525.75
189470.000	20.00	0.00	0.00	540.10	12500.00	561.76	0.00	562.39	15.61	8.27	2644.69	3163.35

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*8	VCH	AREA	.01K
189480.000	10.00	0.00	0.00	540.10	3530.00	557.42	0.00	557.53	3.50	3.33	1829.30	1806.12
189480.000	10.00	0.00	0.00	540.10	6200.00	558.97	0.00	559.22	7.23	5.09	2112.93	2309.65
189480.000	10.00	0.00	0.00	540.10	7800.00	559.74	0.00	560.08	9.92	6.02	2295.89	2528.59
189480.000	10.00	0.00	0.00	540.10	12500.00	561.78	0.00	562.41	15.56	8.26	2647.75	3168.47
189490.000	10.00	0.00	0.00	540.10	3530.00	557.42	0.00	557.53	3.50	3.33	1829.96	1827.66
189490.000	10.00	0.00	0.00	540.10	6200.00	558.98	0.00	559.23	7.22	5.09	2114.38	2307.28
189490.000	10.00	0.00	0.00	540.10	7800.00	559.75	0.00	560.09	9.49	6.01	2257.77	2531.88
189490.000	10.00	0.00	0.00	540.10	12500.00	561.80	0.00	562.43	15.51	8.25	2651.34	3172.86
189500.000	10.00	0.00	0.00	540.20	3530.00	557.42	0.00	557.54	3.59	3.36	1812.63	1862.39
189500.000	10.00	0.00	0.00	540.20	6200.00	558.99	0.00	559.24	7.39	5.13	2097.33	2281.11
189500.000	10.00	0.00	0.00	540.20	7800.00	559.76	0.00	560.11	9.69	6.05	2241.68	2509.16
189500.000	10.00	0.00	0.00	540.20	12500.00	561.81	0.00	562.45	15.77	8.30	2635.18	3147.49
189525.000	25.00	0.00	0.00	540.30	3530.00	557.43	0.00	557.55	3.68	3.39	1796.20	1839.10
189525.000	25.00	0.00	0.00	540.30	6200.00	559.00	0.00	559.26	7.54	5.17	2082.08	2257.81
189525.000	25.00	0.00	0.00	540.30	7800.00	559.78	0.00	560.13	9.87	6.09	2226.72	2482.45
189525.000	25.00	0.00	0.00	540.30	12500.00	561.85	0.00	562.49	15.98	8.34	2622.86	3126.95
189550.000	25.00	0.00	0.00	540.40	3530.00	557.44	0.00	557.56	3.78	3.42	1779.69	1815.79
189550.000	25.00	0.00	0.00	540.40	6200.00	559.02	0.00	559.28	7.70	5.20	2066.63	2234.28
189550.000	25.00	0.00	0.00	540.40	7800.00	559.80	0.00	560.16	10.06	6.13	2212.13	2459.42
189550.000	25.00	0.00	0.00	540.40	12500.00	561.89	0.00	562.53	16.20	8.38	2610.24	3105.94
189575.000	25.00	0.00	0.00	540.50	3530.00	557.45	0.00	557.57	3.88	3.45	1763.24	1792.66
189575.000	25.00	0.00	0.00	540.50	6200.00	559.03	0.00	559.30	7.86	5.24	2051.25	2211.10
189575.000	25.00	0.00	0.00	540.50	7800.00	559.82	0.00	560.19	10.25	6.17	2197.60	2436.58
189575.000	25.00	0.00	0.00	540.50	12500.00	561.92	0.00	562.57	16.42	8.42	2597.69	3085.10
189600.000	25.00	0.00	0.00	540.60	3530.00	557.46	0.00	557.58	3.98	3.48	1746.85	1769.73
189600.000	25.00	0.00	0.00	540.60	6200.00	559.05	0.00	559.32	8.03	5.28	2035.96	2188.20
189600.000	25.00	0.00	0.00	540.60	7800.00	559.85	0.00	560.21	10.44	6.21	2183.16	2413.97
189600.000	25.00	0.00	0.00	540.60	12500.00	561.96	0.00	562.62	16.64	8.45	2585.27	3064.49
189800.000	200.00	0.00	0.00	541.50	3530.00	557.53	0.00	557.67	5.05	3.78	1601.29	1570.35
189800.000	200.00	0.00	0.00	541.50	6200.00	559.20	0.00	559.51	9.74	5.64	1899.06	1986.47
189800.000	200.00	0.00	0.00	541.50	7800.00	560.04	0.00	560.46	12.42	6.59	2052.90	2213.59
189800.000	200.00	0.00	0.00	541.50	12500.00	562.27	0.00	562.99	18.92	8.83	2464.37	2873.53
190000.000	200.00	0.00	0.00	542.40	3530.00	557.62	0.00	557.80	6.51	4.12	1459.31	1383.81
190000.000	200.00	0.00	0.00	542.40	6200.00	559.38	0.00	559.74	11.87	6.04	1767.92	1799.23
190000.000	200.00	0.00	0.00	542.40	7800.00	560.27	0.00	560.74	14.77	6.99	1928.54	2029.38
190000.000	200.00	0.00	0.00	542.40	12500.00	562.62	0.00	563.41	21.37	9.21	2365.28	2704.25
190500.000	500.00	0.00	0.00	545.00	3530.00	557.98	0.00	558.31	14.40	5.44	1081.58	930.24
190500.000	500.00	0.00	0.00	545.00	6200.00	560.01	0.00	560.58	21.47	7.41	1423.61	1338.20
190500.000	500.00	0.00	0.00	545.00	7800.00	561.05	0.00	561.75	24.59	8.34	1603.26	1572.99
190500.000	500.00	0.00	0.00	545.00	12500.00	563.72	0.00	564.76	30.56	10.41	2084.26	2261.14
191000.000	500.00	0.00	0.00	547.20	3530.00	558.70	0.00	559.09	16.31	5.20	829.09	873.97
191000.000	500.00	0.00	0.00	547.20	6200.00	561.03	0.00	561.69	21.66	6.91	1187.04	1332.04
191000.000	500.00	0.00	0.00	547.20	7800.00	562.19	0.00	562.99	23.78	7.69	1380.62	1599.47
191000.000	500.00	0.00	0.00	547.20	12500.00	565.10	0.00	566.25	27.51	9.44	1909.46	2383.06

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
191100.000	100.00	0.00	0.00	547.30	3330.00	558.87	0.00	559.26	15.93	5.16	837.91	884.87
191100.000	100.00	0.00	0.00	547.30	6200.00	561.26	0.00	561.90	20.80	6.82	1207.31	1359.89
191100.000	100.00	0.00	0.00	547.30	7800.00	562.45	0.00	561.22	22.65	7.57	1400.37	1619.08
191100.000	100.00	0.00	0.00	547.30	12500.00	565.42	0.00	566.50	26.08	9.28	1951.30	2447.86
191200.000	100.00	0.00	0.00	547.40	3330.00	559.03	0.00	559.41	15.50	5.11	847.97	896.71
191200.000	100.00	0.00	0.00	547.40	6200.00	561.49	0.00	562.11	19.96	6.72	1220.11	1367.76
191200.000	100.00	0.00	0.00	547.40	7800.00	562.70	0.00	563.44	21.73	7.47	1432.59	1673.23
191200.000	100.00	0.00	0.00	547.40	12500.00	565.71	0.00	566.76	24.85	9.13	1980.39	2507.51
192000.000	800.00	0.00	0.00	548.20	3200.00	560.19	0.00	560.47	11.07	4.42	901.12	961.69
192000.000	800.00	0.00	0.00	548.20	5700.00	562.99	0.00	563.44	13.50	5.74	1346.60	1551.61
192000.000	800.00	0.00	0.00	548.20	7200.00	564.35	0.00	564.88	14.47	6.35	1564.33	1692.93
192000.000	800.00	0.00	0.00	548.20	11800.00	567.66	0.00	568.42	16.90	7.87	2218.63	2870.35
193000.000	1000.00	0.00	0.00	549.20	3200.00	561.29	0.00	561.56	10.68	4.37	915.30	979.26
193000.000	1000.00	0.00	0.00	549.20	5700.00	564.31	0.00	564.72	12.25	5.56	1400.98	1628.27
193000.000	1000.00	0.00	0.00	549.20	7200.00	565.77	0.00	566.25	12.92	6.11	1659.06	2003.36
193000.000	1000.00	0.00	0.00	549.20	11800.00	569.32	0.00	570.00	14.59	7.49	2354.04	3084.52
197000.000	4000.00	0.00	0.00	553.90	3200.00	566.77	0.00	567.22	19.20	5.75	762.65	730.21
197000.000	4000.00	0.00	0.00	553.90	5700.00	570.16	0.00	570.71	18.42	6.77	1325.29	1328.18
197000.000	4000.00	0.00	0.00	553.90	7200.00	571.76	0.00	572.56	18.12	7.22	1648.55	1691.33
197000.000	4000.00	0.00	0.00	553.90	11800.00	575.67	0.00	576.57	17.45	8.23	2590.56	2824.83
199480.000	2480.00	0.00	0.00	556.40	3200.00	570.25	0.00	570.53	9.73	4.70	1024.57	1025.83
199480.000	2480.00	0.00	0.00	556.40	5700.00	573.70	0.00	574.06	10.20	5.64	1703.51	1785.14
199480.000	2480.00	0.00	0.00	556.40	7200.00	575.32	0.00	575.72	10.57	6.06	2078.76	2235.60
199480.000	2480.00	0.00	0.00	556.40	11800.00	579.27	0.00	579.75	10.78	7.06	3137.65	3594.72
199585.000	105.00	0.00	0.00	556.40	3200.00	570.49	0.00	570.66	8.30	3.32	963.85	1110.54
199585.000	105.00	0.00	0.00	556.40	5700.00	573.96	0.00	574.19	7.22	3.94	1614.08	2121.37
199585.000	105.00	0.00	0.00	556.40	7200.00	575.61	0.00	575.85	6.67	4.13	2157.23	2788.40
199585.000	105.00	0.00	0.00	556.40	11800.00	579.56	0.00	579.88	6.65	4.91	3232.31	4576.45
199615.000	30.00	574.60	573.50	556.50	3200.00	570.52	0.00	570.69	8.55	3.35	955.32	1094.25
199615.000	30.00	574.60	573.50	556.50	5700.00	574.31	0.00	574.56	7.53	4.05	1408.52	2077.46
199615.000	30.00	574.60	573.50	556.50	7200.00	576.15	0.00	576.37	5.90	3.97	2286.08	2963.78
199615.000	30.00	574.60	573.50	556.50	11800.00	580.00	0.00	580.31	6.16	4.79	3336.71	4756.00
199700.000	85.00	0.00	0.00	556.70	3200.00	570.55	0.00	570.81	9.01	4.66	1159.34	1065.90
199700.000	85.00	0.00	0.00	556.70	5700.00	574.36	0.00	574.65	8.61	5.41	1924.60	1942.47
199700.000	85.00	0.00	0.00	556.70	7200.00	576.16	0.00	576.48	8.57	5.78	2332.68	2458.99
199700.000	85.00	0.00	0.00	556.70	11800.00	580.01	0.00	580.43	9.49	6.90	3297.35	3830.57
199980.000	280.00	0.00	0.00	558.40	3200.00	570.77	0.00	571.18	15.83	5.70	900.07	804.33
199980.000	280.00	0.00	0.00	558.40	5700.00	574.56	0.00	574.99	13.52	6.32	1606.33	1561.86
199980.000	280.00	0.00	0.00	558.40	7200.00	576.56	0.00	576.81	12.67	6.65	1989.74	2022.77
199980.000	280.00	0.00	0.00	558.40	11800.00	580.23	0.00	580.78	13.06	7.73	2913.52	3265.47
201320.000	1340.00	0.00	0.00	559.70	3200.00	572.82	0.00	573.13	13.26	4.98	1054.21	878.66
201320.000	1340.00	0.00	0.00	559.70	5700.00	576.31	0.00	576.60	10.76	5.36	1986.24	1737.71
201320.000	1340.00	0.00	0.00	559.70	7200.00	578.03	0.00	578.31	9.86	5.51	2487.47	2292.80
201320.000	1340.00	0.00	0.00	559.70	11800.00	581.95	0.00	582.27	9.29	6.16	3731.01	3871.61



SUMMARY PRINTOUT TABLE 150

SECNO	D	CNSEL	DIFNSP	DIFWSX	DIFKWS	TOPWID	XLCH
82850.000	9150.00	365.02	0.00	0.00	-0.98	249.53	0.00
82850.000	12770.00	367.55	2.53	0.00	-3.45	271.93	0.00
82850.000	13700.00	368.15	0.60	0.00	-4.85	277.23	0.00
82850.000	17750.00	370.41	2.26	0.00	-8.59	297.22	0.00
85150.000	9150.00	368.47	0.00	3.45	0.00	244.79	2500.00
85150.000	12770.00	371.00	2.53	3.45	0.00	266.25	2300.00
85150.000	13700.00	371.59	0.59	3.44	0.00	271.24	2300.00
85150.000	17750.00	373.88	2.29	3.48	0.00	295.17	2300.00
87180.000	9000.00	371.80	0.00	3.33	0.00	245.49	2030.00
87180.000	12500.00	374.26	2.46	3.26	0.00	283.01	2030.00
87180.000	13600.00	374.86	0.59	3.27	0.00	292.07	2030.00
87180.000	17640.00	377.12	2.26	3.23	0.00	326.55	2030.00
89080.000	9000.00	377.20	0.00	5.39	0.00	424.83	1900.00
89080.000	12500.00	379.14	1.94	4.87	0.00	449.35	1900.00
89080.000	13600.00	379.69	0.55	4.83	0.00	453.08	1900.00
89080.000	17640.00	381.61	1.92	4.49	0.00	465.82	1900.00
91330.000	9000.00	384.65	0.00	7.45	0.00	200.45	2250.00
91330.000	12500.00	386.24	1.59	7.10	0.00	213.62	2250.00
91330.000	13600.00	386.66	0.42	6.97	0.00	217.13	2250.00
91330.000	17640.00	388.06	1.40	6.45	0.00	228.82	2250.00
92830.000	8600.00	389.13	0.00	4.48	0.00	231.50	1500.00
92830.000	12100.00	391.23	2.10	4.99	0.00	288.20	1500.00
92830.000	13500.00	391.85	0.62	5.19	0.00	297.32	1500.00
92830.000	17370.00	393.73	1.89	5.68	0.00	325.12	1500.00
97480.000	8550.00	399.12	0.00	9.99	0.00	227.78	4650.00
97480.000	12050.00	401.59	2.47	10.36	0.00	281.04	4650.00
97480.000	13450.00	402.45	0.86	10.60	0.00	302.58	4650.00
97480.000	17320.00	404.44	1.99	10.70	0.00	352.54	4650.00
99100.000	8550.00	401.38	0.00	2.26	0.00	262.81	1620.00
99100.000	12050.00	404.01	2.62	2.42	0.00	496.03	1620.00
99100.000	13450.00	404.90	0.89	2.45	0.00	512.53	1620.00
99100.000	17320.00	407.01	2.11	2.57	0.00	549.61	1620.00
99340.000	8550.00	401.82	0.00	0.43	0.00	180.94	240.00
99340.000	12050.00	404.44	2.62	0.45	0.00	202.00	240.00
99340.000	13450.00	405.31	0.87	0.41	0.00	202.00	240.00
99340.000	17320.00	407.34	2.03	0.33	0.00	202.00	240.00
99380.000	8550.00	401.85	0.00	0.03	0.00	198.52	40.00
99380.000	12050.00	404.48	2.63	0.04	0.00	202.00	40.00
99380.000	13450.00	405.35	0.87	0.04	0.00	202.00	40.00
99380.000	17320.00	407.40	2.04	0.05	0.00	202.00	40.00
99450.000	8550.00	401.66	0.00	-0.19	0.00	204.89	70.00
99450.000	12050.00	404.23	2.57	-0.25	0.00	243.44	70.00
99450.000	13450.00	405.08	0.85	-0.27	0.00	256.17	70.00
99450.000	17320.00	407.07	2.00	-0.32	0.00	286.12	70.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
99540.000	8550.00	401.99	0.00	0.33	0.00	263.83	90.00
99540.000	12050.00	404.43	2.60	0.40	0.00	302.72	90.00
99540.000	13450.00	407.50	0.00	0.42	0.00	318.29	90.00
99540.000	17320.00	407.57	2.07	0.50	0.00	356.54	90.00
99570.000	6550.00	402.41	0.00	0.42	0.00	290.40	30.00
99570.000	12050.00	405.00	2.59	0.37	0.00	318.40	30.00
99570.000	13450.00	405.88	0.88	0.37	0.00	327.84	30.00
99570.000	17320.00	407.94	2.06	0.37	0.00	351.71	30.00
99850.000	8550.00	402.54	0.00	0.13	0.00	300.84	280.00
99850.000	12050.00	405.13	2.60	0.13	0.00	363.50	280.00
99850.000	13450.00	406.01	0.88	0.14	0.00	384.41	280.00
99850.000	17320.00	408.09	2.08	0.15	0.00	434.27	280.00
100500.000	7800.00	402.81	0.00	0.27	0.00	256.21	650.00
100500.000	11500.00	405.37	2.56	0.24	0.00	307.41	650.00
100500.000	12900.00	406.24	0.87	0.23	0.00	324.85	650.00
100500.000	17200.00	408.29	2.05	0.26	0.00	365.84	650.00
103200.000	7800.00	405.16	0.00	2.35	0.00	219.83	2700.00
103200.000	11500.00	407.96	2.80	2.59	0.00	281.72	2700.00
103200.000	12900.00	408.88	0.93	2.64	0.00	302.15	2700.00
103200.000	17200.00	411.22	2.34	2.93	0.00	390.46	2700.00
106620.000	7800.00	408.60	0.00	3.40	0.00	299.00	3420.00
106620.000	11500.00	411.64	3.04	3.68	0.00	351.46	3420.00
106620.000	12900.00	412.62	0.98	3.74	0.00	372.96	3420.00
106620.000	17200.00	415.18	2.56	3.96	0.00	449.63	3420.00
110330.000	7400.00	411.94	0.00	3.34	0.00	354.33	3710.00
110330.000	11100.00	414.86	2.92	3.22	0.00	618.42	3710.00
110330.000	12500.00	415.79	0.93	3.16	0.00	679.05	3710.00
110330.000	17000.00	418.26	2.47	3.08	0.00	783.55	3710.00
114880.000	7400.00	417.87	0.00	5.93	0.00	174.52	4550.00
114880.000	11100.00	420.20	2.33	5.35	0.00	204.56	4550.00
114880.000	12500.00	420.91	0.71	5.12	0.00	209.53	4550.00
114880.000	17000.00	422.82	1.91	4.56	0.00	222.95	4550.00
116520.000	7400.00	424.62	0.00	6.75	0.00	381.53	1640.00
116520.000	11100.00	426.59	1.97	6.36	0.00	464.93	1640.00
116520.000	12500.00	427.26	0.67	6.35	0.00	493.38	1640.00
116520.000	17000.00	429.20	1.95	6.38	0.00	576.11	1640.00
118000.000	6700.00	428.37	0.00	3.75	0.00	145.06	1480.00
118000.000	10300.00	430.26	1.89	3.67	0.00	156.93	1480.00
118000.000	11900.00	430.84	0.58	3.59	0.00	160.62	1480.00
118000.000	16500.00	432.30	1.46	3.10	0.00	169.79	1480.00
119720.000	6700.00	438.19	0.00	9.82	0.00	153.33	1720.00
119720.000	10300.00	440.49	2.31	10.24	0.00	167.85	1720.00
119720.000	11900.00	441.45	0.96	10.61	0.00	173.84	1720.00
119720.000	16500.00	443.89	2.44	11.59	0.00	189.22	1720.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
128830.000	6540.00	461.50	0.00	23.31	0.00	170.42	9110.00
128830.000	10140.00	464.63	3.13	24.14	0.00	188.06	9110.00
128830.000	11740.00	465.80	1.17	24.35	0.00	194.65	9110.00
128830.000	16400.00	468.76	2.97	24.88	0.00	211.38	9110.00
130450.000	6540.00	464.42	0.00	2.92	0.00	297.11	1620.00
130450.000	10140.00	467.55	3.13	2.92	0.00	394.01	1620.00
130450.000	11740.00	468.74	1.19	2.94	0.00	430.61	1620.00
130450.000	16400.00	471.74	3.01	2.98	0.00	506.61	1620.00
132000.000	6380.00	467.69	0.00	3.27	0.00	184.18	1550.00
132000.000	9980.00	470.31	2.62	2.76	0.00	218.25	1550.00
132000.000	11580.00	471.31	1.01	2.58	0.00	228.80	1550.00
132000.000	16300.00	473.80	2.99	2.06	0.00	254.94	1550.00
133730.000	6380.00	472.66	0.00	4.97	0.00	156.95	1730.00
133730.000	9980.00	475.41	2.75	5.10	0.00	169.32	1730.00
133730.000	11580.00	476.41	1.00	5.09	0.00	173.82	1730.00
133730.000	16300.00	478.96	2.56	5.16	0.00	185.33	1730.00
134820.000	6380.00	475.61	0.00	2.95	0.00	206.07	1090.00
134820.000	9980.00	478.46	2.86	3.06	0.00	234.64	1090.00
134820.000	11580.00	479.55	1.00	3.14	0.00	245.46	1090.00
134820.000	16300.00	482.33	2.79	3.37	0.00	284.98	1090.00
137040.000	6200.00	481.11	0.00	5.50	0.00	245.53	2220.00
137040.000	9800.00	483.71	2.60	5.25	0.00	281.96	2220.00
137040.000	11400.00	484.72	1.01	5.17	0.00	296.07	2220.00
137040.000	16200.00	487.31	2.59	4.96	0.00	332.30	2220.00
137295.000	6200.00	482.29	0.00	1.18	0.00	176.00	255.00
137295.000	9800.00	484.81	2.52	1.10	0.00	176.00	255.00
137295.000	11400.00	485.77	0.96	1.05	0.00	176.00	255.00
137295.000	16200.00	488.22	2.45	0.91	0.00	176.00	255.00
137325.000	6200.00	482.34	0.00	0.05	0.00	176.00	30.00
137325.000	9800.00	484.88	2.54	0.07	0.00	176.00	30.00
137325.000	11400.00	485.84	0.97	0.07	0.00	176.00	30.00
137325.000	16200.00	489.07	3.23	0.85	0.00	176.00	30.00
137400.000	6200.00	482.55	0.00	-0.01	0.00	285.27	75.00
137400.000	9800.00	484.90	2.57	0.02	0.00	341.91	75.00
137400.000	11400.00	485.88	0.98	0.04	0.00	364.40	75.00
137400.000	16200.00	489.17	3.29	0.10	0.00	439.72	75.00
138460.000	5700.00	484.10	0.00	1.77	0.00	328.85	1060.00
138460.000	9200.00	486.72	2.62	1.82	0.00	417.94	1060.00
138460.000	10800.00	487.70	0.98	1.82	0.00	433.49	1060.00
138460.000	15700.00	490.68	2.98	1.51	0.00	463.63	1060.00
142600.000	5700.00	490.47	0.00	6.36	0.00	243.05	4140.00
142600.000	9200.00	493.33	2.86	6.61	0.00	278.48	4140.00
142600.000	10800.00	494.35	1.02	6.65	0.00	289.13	4140.00
142600.000	15700.00	496.94	2.59	6.26	0.00	316.05	4140.00



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
142830.000	5700.00	491.33	0.00	0.87	0.00	229.94	230.00
142830.000	9200.00	494.17	2.84	0.84	0.00	236.00	230.00
142830.000	10800.00	495.20	1.03	0.85	0.00	236.00	230.00
142830.000	15700.00	497.82	2.62	0.88	0.00	236.00	230.00
142870.000	5700.00	491.38	0.00	0.05	0.00	230.34	40.00
142870.000	9200.00	494.23	2.85	0.06	0.00	236.00	40.00
142870.000	10800.00	495.27	1.04	0.07	0.00	236.00	40.00
142870.000	15700.00	497.91	2.64	0.09	0.00	236.00	40.00
142970.000	5700.00	491.36	0.00	-0.02	0.00	259.15	100.00
142970.000	9200.00	494.16	2.81	-0.05	0.00	288.39	100.00
142970.000	10800.00	495.21	1.03	-0.06	0.00	299.10	100.00
142970.000	15700.00	497.84	2.64	-0.07	0.00	326.51	100.00
143100.000	5700.00	491.68	0.00	0.31	0.00	271.72	130.00
143100.000	9200.00	494.50	2.82	0.32	0.00	301.07	130.00
143100.000	10800.00	495.53	1.04	0.32	0.00	311.84	130.00
143100.000	15700.00	498.19	2.66	0.35	0.00	339.46	130.00
143700.000	5700.00	492.41	0.00	0.73	0.00	190.38	600.00
143700.000	9200.00	495.29	2.88	0.79	0.00	233.93	600.00
143700.000	10800.00	496.35	1.07	0.62	0.00	249.99	600.00
143700.000	15700.00	499.07	2.71	0.88	0.00	287.73	600.00
144500.000	5700.00	493.94	0.00	1.53	0.00	149.53	800.00
144500.000	9200.00	496.88	2.94	1.59	0.00	171.60	800.00
144500.000	10800.00	497.96	1.08	1.61	0.00	179.70	800.00
144500.000	15700.00	500.71	2.75	1.64	0.00	202.26	800.00
145110.000	5700.00	494.55	0.00	0.62	0.00	186.43	610.00
145110.000	9200.00	497.70	3.14	0.82	0.00	211.59	610.00
145110.000	10800.00	498.87	1.17	0.91	0.00	220.94	610.00
145110.000	15700.00	501.87	3.00	1.16	0.00	254.29	610.00
145650.000	5700.00	495.00	0.00	0.44	0.00	509.86	540.00
145650.000	9200.00	498.27	3.27	0.57	0.00	427.71	540.00
145650.000	10800.00	499.50	1.23	0.63	0.00	471.96	540.00
145650.000	15700.00	502.68	3.18	0.81	0.00	532.92	540.00
146800.000	5400.00	495.86	0.00	0.80	0.00	295.20	1150.00
146800.000	8800.00	499.09	3.23	0.62	0.00	424.10	1150.00
146800.000	10400.00	500.30	1.21	0.80	0.00	720.53	1150.00
146800.000	15400.00	503.41	3.11	0.73	0.00	947.27	1150.00
147630.000	5400.00	496.48	0.00	0.63	0.00	559.90	830.00
147630.000	8800.00	499.76	3.28	0.67	0.00	614.16	830.00
147630.000	10400.00	500.98	1.22	0.68	0.00	659.72	830.00
147630.000	15400.00	503.97	2.99	0.56	0.00	724.24	830.00
149350.000	5400.00	497.76	0.00	1.27	0.00	436.97	1720.00
149350.000	8800.00	500.95	3.20	1.20	0.00	542.92	1720.00
149350.000	10400.00	502.12	1.17	1.14	0.00	570.91	1720.00
149350.000	15400.00	505.02	2.90	1.05	0.00	640.54	1720.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
150700.000	5400.00	498.31	0.00	0.55	0.00	683.81	1350.00
150700.000	8800.00	501.47	3.17	0.52	0.00	819.16	1350.00
150700.000	10400.00	502.63	1.16	0.51	0.00	834.20	1350.00
150700.000	15400.00	505.54	2.91	0.52	0.00	872.02	1350.00
151850.000	5400.00	498.71	0.00	0.41	0.00	719.71	1150.00
151850.000	8800.00	501.81	3.09	0.33	0.00	866.14	1150.00
151850.000	10400.00	502.95	1.14	0.31	0.00	888.91	1150.00
151850.000	15400.00	505.84	2.89	0.30	0.00	946.76	1150.00
152930.000	5400.00	499.19	0.00	0.48	0.00	587.64	1080.00
152930.000	8800.00	502.20	3.01	0.39	0.00	907.32	1080.00
152930.000	10400.00	503.33	1.13	0.39	0.00	947.33	1080.00
152930.000	15400.00	506.22	2.88	0.38	0.00	1041.73	1080.00
157880.000	5320.00	504.13	0.00	4.94	0.00	444.51	4950.00
157880.000	8700.00	506.44	2.31	4.24	0.00	531.32	4950.00
157880.000	10300.00	507.20	0.75	3.86	0.00	554.35	4950.00
157880.000	15300.00	509.33	2.13	3.11	0.00	619.43	4950.00
158560.000	5320.00	504.67	0.00	0.54	0.00	239.70	680.00
158560.000	8700.00	507.07	2.40	0.62	0.00	289.19	680.00
158560.000	10300.00	507.87	0.81	0.67	0.00	305.41	680.00
158560.000	15300.00	510.08	2.21	0.75	0.00	350.48	680.00
158680.000	5320.00	505.22	0.00	0.56	0.00	239.56	120.00
158680.000	8700.00	507.78	2.55	0.71	0.00	245.06	120.00
158680.000	10300.00	508.65	0.88	0.78	0.00	246.95	120.00
158680.000	15300.00	510.99	2.34	0.91	0.00	252.00	120.00
158720.000	5320.00	505.26	0.00	0.03	0.00	239.63	40.00
158720.000	8700.00	507.82	2.56	0.04	0.00	245.16	40.00
158720.000	10300.00	508.70	0.88	0.05	0.00	247.06	40.00
158720.000	15300.00	511.07	2.36	0.07	0.00	252.15	40.00
158800.000	5320.00	505.19	0.00	-0.07	0.00	245.95	80.00
158800.000	8700.00	507.72	2.53	-0.10	0.00	296.60	80.00
158800.000	10300.00	508.60	0.87	-0.11	0.00	314.06	80.00
158800.000	15300.00	510.94	2.34	-0.13	0.00	360.96	80.00
158935.000	5320.00	505.71	0.00	0.52	0.00	239.53	135.00
158935.000	8700.00	508.38	2.68	0.66	0.00	257.13	135.00
158935.000	10300.00	509.33	0.94	0.73	0.00	260.00	135.00
158935.000	15300.00	511.82	2.49	0.88	0.00	260.00	135.00
158965.000	5320.00	505.72	0.00	0.01	0.00	260.00	30.00
158965.000	8700.00	508.40	2.68	0.02	0.00	260.00	30.00
158965.000	10300.00	509.35	0.94	0.02	0.00	260.00	30.00
158965.000	15300.00	511.85	2.50	0.03	0.00	260.00	30.00
159020.000	5320.00	505.68	0.00	-0.04	0.00	305.27	55.00
159020.000	8700.00	508.36	2.67	-0.05	0.00	320.47	55.00
159020.000	10300.00	509.30	0.94	-0.05	0.00	325.81	55.00
159020.000	15300.00	511.79	2.49	-0.06	0.00	339.97	55.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
159090.000	5320.00	505.73	0.00	0.04	0.00	305.48	70.00
159090.000	8700.00	508.41	2.68	0.05	0.00	320.72	70.00
159090.000	10130.00	509.36	0.95	0.06	0.00	326.15	70.00
159090.000	15300.00	511.86	2.51	0.07	0.00	340.39	70.00
161900.000	5180.00	507.87	0.00	2.14	0.00	195.08	2810.00
161900.000	8530.00	510.93	3.07	2.53	0.00	215.14	2810.00
161900.000	10130.00	512.08	1.15	2.72	0.00	221.44	2810.00
161900.000	15070.00	515.10	3.02	3.24	0.00	277.38	2810.00
162060.000	5180.00	508.16	0.00	0.29	0.00	106.55	160.00
162060.000	8530.00	511.21	3.05	0.28	0.00	109.00	160.00
162060.000	10130.00	512.34	1.13	0.26	0.00	109.00	160.00
162060.000	15070.00	515.28	2.94	0.19	0.00	109.00	160.00
162080.000	5180.00	508.16	0.00	0.00	0.00	109.00	20.00
162080.000	8530.00	511.21	3.05	0.00	0.00	109.00	20.00
162080.000	10130.00	512.34	1.13	0.00	0.00	109.00	20.00
162080.000	15070.00	515.28	2.94	0.00	0.00	109.00	20.00
162200.000	5180.00	508.10	0.00	-0.06	0.00	260.21	120.00
162200.000	8530.00	511.30	3.19	0.08	0.00	293.56	120.00
162200.000	10130.00	512.49	1.19	0.15	0.00	305.04	120.00
162200.000	15070.00	515.74	3.25	0.46	0.00	379.35	120.00
162500.000	5180.00	508.64	0.00	0.54	0.00	263.90	300.00
162500.000	8530.00	511.79	3.14	0.49	0.00	296.28	300.00
162500.000	10130.00	512.98	1.19	0.49	0.00	307.84	300.00
162500.000	15070.00	516.20	3.23	0.47	0.00	387.47	300.00
164270.000	5180.00	510.34	0.00	1.69	0.00	195.63	1770.00
164270.000	8530.00	513.47	3.14	1.68	0.00	343.10	1770.00
164270.000	10130.00	514.67	1.20	1.69	0.00	399.36	1770.00
164270.000	15070.00	517.64	3.17	1.63	0.00	548.38	1770.00
165400.000	5180.00	511.02	0.00	0.68	0.00	256.62	1130.00
165400.000	8530.00	514.28	3.26	0.81	0.00	354.03	1130.00
165400.000	10130.00	515.52	1.24	0.85	0.00	398.65	1130.00
165400.000	15070.00	518.74	3.22	0.90	0.00	514.52	1130.00
165580.000	5180.00	511.15	0.00	0.15	0.00	174.58	180.00
165580.000	8530.00	514.40	3.25	0.12	0.00	234.95	180.00
165580.000	10130.00	515.69	1.29	0.17	0.00	404.76	180.00
165580.000	15070.00	518.91	3.22	0.17	0.00	520.73	180.00
165620.000	5180.00	511.16	0.00	0.00	0.00	87.00	40.00
165620.000	8530.00	514.61	3.45	0.21	0.00	243.41	40.00
165620.000	10130.00	516.06	1.45	0.37	0.00	541.14	40.00
165620.000	15070.00	519.16	3.10	0.25	0.00	616.27	40.00
165730.000	5180.00	511.32	0.00	0.17	0.00	345.11	110.00
165730.000	8530.00	514.80	3.47	0.19	0.00	492.02	110.00
165730.000	10130.00	516.10	1.31	0.05	0.00	543.16	110.00
165730.000	15070.00	519.21	3.10	0.05	0.00	617.61	110.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
166000.000	5180.00	511.44	0.00	0.12	0.00	330.44	270.00
166000.000	8300.00	514.91	3.47	0.12	0.00	481.00	270.00
166000.000	10130.00	518.22	1.31	0.12	0.00	532.10	270.00
166000.000	15070.00	519.33	3.11	0.12	0.00	611.22	270.00
167210.000	5000.00	512.16	0.00	0.72	0.00	133.96	1210.00
167210.000	8300.00	515.54	3.38	0.63	0.00	163.90	1210.00
167210.000	9900.00	516.80	1.26	0.58	0.00	174.02	1210.00
167210.000	14800.00	519.78	2.98	0.46	0.00	198.20	1210.00
171000.000	5000.00	515.51	0.00	3.35	0.00	251.36	3790.00
171000.000	8300.00	519.21	3.69	3.67	0.00	279.06	3790.00
171000.000	9900.00	520.65	1.44	3.85	0.00	296.43	3790.00
171000.000	14800.00	524.24	3.59	4.46	0.00	359.18	3790.00
171205.000	5000.00	515.66	0.00	0.14	0.00	163.00	205.00
171205.000	8300.00	519.33	3.67	0.12	0.00	163.00	205.00
171205.000	9900.00	520.76	1.43	0.11	0.00	163.00	205.00
171205.000	14800.00	524.39	3.62	0.15	0.00	290.01	205.00
171235.000	5000.00	515.69	0.00	0.03	0.00	139.84	30.00
171235.000	8300.00	519.38	3.69	0.05	0.00	154.29	30.00
171235.000	9900.00	520.81	1.44	0.05	0.00	159.92	30.00
171235.000	14800.00	524.44	3.63	0.05	0.00	163.00	30.00
171300.000	5000.00	515.68	0.00	-0.01	0.00	160.11	65.00
171300.000	8300.00	519.35	3.67	-0.02	0.00	181.15	65.00
171300.000	9900.00	520.78	1.43	-0.03	0.00	189.35	65.00
171300.000	14800.00	524.39	3.60	-0.05	0.00	216.42	65.00
171550.000	5000.00	515.84	0.00	0.16	0.00	185.56	250.00
171550.000	8300.00	519.54	3.70	0.18	0.00	218.74	250.00
171550.000	9900.00	520.98	1.44	0.20	0.00	231.77	250.00
171550.000	14800.00	524.64	3.66	0.26	0.00	277.93	250.00
171600.000	5000.00	515.89	0.00	0.05	0.00	185.11	50.00
171600.000	8300.00	519.58	3.70	0.05	0.00	218.30	50.00
171600.000	9900.00	521.03	1.44	0.05	0.00	231.27	50.00
171600.000	14800.00	524.69	3.66	0.05	0.00	276.69	50.00
171650.000	5000.00	520.63	0.00	4.74	0.00	196.37	50.00
171650.000	8300.00	522.22	1.60	2.64	0.00	215.67	50.00
171650.000	9900.00	522.94	0.72	1.92	0.00	224.36	50.00
171650.000	14800.00	525.44	2.49	0.75	0.00	254.50	50.00
171825.000	5000.00	520.77	0.00	0.14	0.00	243.21	175.00
171825.000	8300.00	522.52	1.75	0.29	0.00	272.77	175.00
171825.000	9900.00	523.31	0.79	0.37	0.00	286.24	175.00
171825.000	14800.00	525.96	2.66	0.53	0.00	331.41	175.00
172000.000	5000.00	520.89	0.00	0.12	0.00	241.81	175.00
172000.000	8300.00	522.72	1.83	0.20	0.00	272.95	175.00
172000.000	9900.00	523.54	0.82	0.24	0.00	286.98	175.00
172000.000	14800.00	526.24	2.69	0.27	0.00	332.77	175.00

SECNO	D	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
172900.000	4200.00	521.99	0.00	0.69	0.00	269.61	900.00
172900.000	7200.00	521.91	2.22	1.09	0.00	326.46	900.00
172900.000	8800.00	524.77	0.97	1.23	0.00	366.41	900.00
172900.000	13500.00	527.64	2.87	1.41	0.00	403.48	900.00
173050.000	4200.00	521.68	0.00	0.04	0.00	211.63	150.00
173050.000	7200.00	523.92	2.24	0.11	0.00	264.96	150.00
173050.000	8800.00	524.69	0.97	0.12	0.00	274.62	150.00
173050.000	13500.00	527.74	2.65	0.10	0.00	320.35	150.00
173070.000	4200.00	521.70	0.00	0.02	0.00	211.83	20.00
173070.000	7200.00	523.95	2.25	0.03	0.00	265.48	20.00
173070.000	8800.00	524.92	0.98	0.03	0.00	274.96	20.00
173070.000	13500.00	527.76	2.65	0.03	0.00	320.73	20.00
173200.000	4200.00	521.83	0.00	0.14	0.00	277.46	130.00
173200.000	7200.00	524.21	2.38	0.27	0.00	326.54	130.00
173200.000	8800.00	525.25	1.04	0.33	0.00	347.98	130.00
173200.000	13500.00	528.22	2.97	0.44	0.00	406.71	130.00
173330.000	4200.00	521.95	0.00	0.11	0.00	120.36	120.00
173330.000	7200.00	524.34	2.39	0.13	0.00	147.00	120.00
173330.000	8800.00	525.37	1.03	0.12	0.00	147.00	120.00
173330.000	13500.00	528.27	2.90	0.05	0.00	147.00	120.00
173370.000	4200.00	521.98	0.00	0.03	0.00	120.23	40.00
173370.000	7200.00	524.40	2.42	0.06	0.00	147.00	40.00
173370.000	8800.00	525.44	1.04	0.07	0.00	147.00	40.00
173370.000	13500.00	528.37	2.93	0.11	0.00	147.00	40.00
173420.000	4200.00	522.03	0.00	0.05	0.00	267.30	50.00
173420.000	7200.00	524.56	2.53	0.16	0.00	318.99	50.00
173420.000	8800.00	525.66	1.10	0.22	0.00	337.91	50.00
173420.000	13500.00	528.81	3.15	0.44	0.00	398.88	50.00
173500.000	4200.00	522.08	0.00	0.06	0.00	266.92	80.00
173500.000	7200.00	524.63	2.55	0.07	0.00	318.52	80.00
173500.000	8800.00	525.74	1.11	0.08	0.00	337.54	80.00
173500.000	13500.00	528.89	3.15	0.08	0.00	398.47	80.00
173850.000	4200.00	522.33	0.00	0.25	0.00	263.31	350.00
173850.000	7200.00	524.95	2.62	0.32	0.00	313.80	350.00
173850.000	8800.00	526.09	1.14	0.35	0.00	333.28	350.00
173850.000	13500.00	529.25	3.16	0.36	0.00	393.68	350.00
173920.000	4200.00	522.36	0.00	0.02	0.00	171.49	70.00
173920.000	7200.00	524.96	2.60	0.00	0.00	191.49	70.00
173920.000	8800.00	526.08	1.12	-0.01	0.00	200.12	70.00
173920.000	13500.00	529.18	3.10	-0.07	0.00	224.02	70.00
173970.000	4200.00	522.38	0.00	0.03	0.00	98.62	50.00
173970.000	7200.00	524.93	2.55	-0.02	0.00	106.93	50.00
173970.000	8800.00	526.02	1.09	-0.06	0.00	109.79	50.00
173970.000	13500.00	529.01	2.99	-0.17	0.00	115.72	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
173990.000	4200.00	522.41	0.00	0.03	0.00	98.36	20.00
173990.000	7200.00	524.97	2.56	0.04	0.00	106.72	20.00
173990.000	8800.00	526.07	1.09	0.04	0.00	109.65	20.00
173990.000	13500.00	529.06	3.00	0.06	0.00	115.63	20.00
174050.000	4200.00	522.65	0.00	0.24	0.00	172.22	60.00
174050.000	7200.00	525.55	2.90	0.58	0.00	194.53	60.00
174050.000	8800.00	526.84	1.29	0.78	0.00	204.52	60.00
174050.000	13500.00	530.41	3.57	1.35	0.00	231.95	60.00
174340.000	4200.00	522.87	0.00	0.22	0.00	172.39	190.00
174340.000	7200.00	525.82	2.95	0.27	0.00	195.08	190.00
174340.000	8800.00	527.13	1.31	0.29	0.00	205.19	190.00
174340.000	13500.00	530.71	3.58	0.30	0.00	232.74	190.00
177530.000	4200.00	526.05	0.00	3.18	0.00	192.72	3190.00
177530.000	7200.00	529.46	3.41	5.64	0.00	253.33	3190.00
177530.000	8800.00	530.93	1.47	3.79	0.00	277.55	3190.00
177530.000	13500.00	534.58	3.65	3.87	0.00	403.44	3190.00
179320.000	4200.00	528.52	0.00	2.46	0.00	136.97	1790.00
179320.000	7200.00	531.86	3.34	2.40	0.00	185.87	1790.00
179320.000	8800.00	533.29	1.43	2.36	0.00	201.66	1790.00
179320.000	13500.00	536.74	3.45	2.16	0.00	233.96	1790.00
179420.000	4200.00	529.42	0.00	0.91	0.00	141.36	100.00
179420.000	7200.00	532.63	3.20	0.77	0.00	181.92	100.00
179420.000	8800.00	533.99	1.37	0.71	0.00	199.07	100.00
179420.000	13500.00	537.33	3.33	0.59	0.00	230.35	100.00
179600.000	4200.00	529.82	0.00	0.40	0.00	129.97	180.00
179600.000	7200.00	533.01	3.18	0.38	0.00	166.83	180.00
179600.000	8800.00	534.39	1.38	0.39	0.00	185.40	180.00
179600.000	13500.00	537.77	3.38	0.45	0.00	220.44	180.00
179640.000	4200.00	529.93	0.00	0.11	0.00	129.10	40.00
179640.000	7200.00	533.12	3.18	0.11	0.00	153.14	40.00
179640.000	8800.00	534.50	1.39	0.12	0.00	156.27	40.00
179640.000	13500.00	537.90	3.40	0.13	0.00	163.94	40.00
179700.000	4200.00	530.07	0.00	0.13	0.00	123.51	60.00
179700.000	7200.00	533.14	3.08	0.02	0.00	150.54	60.00
179700.000	8800.00	534.50	1.36	-0.01	0.00	174.77	60.00
179700.000	13500.00	537.86	3.36	-0.04	0.00	212.80	60.00
180000.000	4130.00	531.48	0.00	1.41	0.00	112.81	300.00
180000.000	7070.00	534.18	2.70	1.04	0.00	139.78	300.00
180000.000	8700.00	535.43	1.25	0.93	0.00	153.65	300.00
180000.000	13400.00	538.61	3.18	0.75	0.00	196.34	300.00
* 180300.000	4130.00	541.63	0.00	10.16	0.00	99.14	300.00
* 180300.000	7070.00	543.27	1.63	9.09	0.00	102.08	300.00
* 180300.000	8700.00	544.09	0.82	8.66	0.00	107.83	300.00
* 180300.000	13400.00	546.22	2.13	7.61	0.00	122.75	300.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
180350.000	4130.00	544.97	0.00	2.94	0.00	222.44	50.00
180350.000	7070.00	547.39	2.82	4.13	0.00	247.45	50.00
180350.000	8700.00	549.75	1.36	4.67	0.00	259.52	50.00
180350.000	13400.00	552.14	3.38	5.92	0.00	290.17	50.00
181000.000	4130.00	544.75	0.00	0.18	0.00	379.77	650.00
181000.000	7070.00	547.60	2.93	0.28	0.00	411.99	650.00
181000.000	8700.00	549.09	1.41	0.33	0.00	429.53	650.00
181000.000	13400.00	552.50	3.50	0.45	0.00	478.55	650.00
182200.000	3750.00	545.05	0.00	0.29	0.00	365.52	1280.00
182200.000	6500.00	548.04	3.00	0.37	0.00	398.58	1280.00
182200.000	8100.00	549.48	1.43	0.39	0.00	414.24	1280.00
182200.000	12800.00	553.01	3.54	0.43	0.00	462.17	1280.00
183080.000	3750.00	545.28	0.00	0.23	0.00	357.08	800.00
183080.000	6500.00	548.31	3.03	0.27	0.00	390.44	800.00
183080.000	8100.00	549.76	1.45	0.28	0.00	406.35	800.00
183080.000	12800.00	553.32	3.56	0.31	0.00	452.46	800.00
186440.000	3750.00	546.85	0.00	1.57	0.00	363.01	3360.00
186440.000	6500.00	549.92	3.07	1.61	0.00	413.07	3360.00
186440.000	8100.00	551.36	1.46	1.62	0.00	430.82	3360.00
186440.000	12800.00	554.96	3.58	1.64	0.00	471.98	3360.00
189090.000	3640.00	549.68	0.00	2.83	0.00	276.41	2650.00
189090.000	6350.00	552.43	2.75	2.51	0.00	371.17	2650.00
189090.000	7950.00	553.75	1.32	2.37	0.00	392.69	2650.00
189090.000	12650.00	557.08	3.33	2.12	0.00	447.04	2650.00
189200.000	3530.00	549.99	0.00	0.31	0.00	246.59	110.00
189200.000	6200.00	552.62	2.63	0.19	0.00	289.37	110.00
189200.000	7800.00	553.89	1.27	0.15	0.00	310.06	110.00
189200.000	12500.00	557.14	3.25	0.07	0.00	363.00	110.00
189300.000	3530.00	550.29	0.00	0.29	0.00	172.63	100.00
189300.000	6200.00	552.79	2.50	0.17	0.00	211.42	100.00
189300.000	7800.00	554.01	1.21	0.11	0.00	230.25	100.00
189300.000	12500.00	557.14	3.14	0.00	0.00	278.98	100.00
189430.000	3530.00	550.75	0.00	0.46	0.00	150.88	130.00
189430.000	6200.00	553.27	2.52	0.48	0.00	160.11	130.00
189430.000	7800.00	554.48	1.21	0.48	0.00	170.36	130.00
189430.000	12500.00	557.57	3.09	0.43	0.00	181.21	130.00
* 189450.000	3530.00	557.41	0.00	0.66	0.00	180.27	20.00
* 189450.000	6200.00	558.95	1.54	3.68	0.00	185.17	20.00
* 189450.000	7800.00	559.71	0.76	5.23	0.00	186.76	20.00
* 189450.000	12500.00	561.73	2.02	4.16	0.00	198.26	20.00
189470.000	3530.00	557.41	0.00	0.01	0.00	179.95	20.00
189470.000	6200.00	558.96	1.55	0.01	0.00	184.99	20.00
189470.000	7800.00	559.73	0.77	0.02	0.00	186.54	20.00
189470.000	12500.00	561.76	2.03	0.03	0.00	197.85	20.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
189480.000	3530.00	557.42	0.00	0.00	0.00	179.96	10.00
189480.000	6200.00	558.97	1.55	0.01	0.00	185.01	10.00
189480.000	7800.00	559.74	0.77	0.01	0.00	186.56	10.00
189480.000	12500.00	561.78	2.04	0.02	0.00	197.93	10.00
189490.000	3530.00	557.42	0.00	0.00	0.00	179.97	10.00
189490.000	6200.00	558.98	1.56	0.01	0.00	185.02	10.00
189490.000	7800.00	559.75	0.77	0.01	0.00	186.59	10.00
189490.000	12500.00	561.80	2.05	0.02	0.00	198.04	10.00
189500.000	3530.00	557.42	0.00	0.00	0.00	179.63	10.00
189500.000	6200.00	558.99	1.56	0.01	0.00	184.83	10.00
189500.000	7800.00	559.76	0.77	0.01	0.00	186.40	10.00
189500.000	12500.00	561.81	2.05	0.01	0.00	197.57	10.00
189525.000	3530.00	557.43	0.00	0.01	0.00	179.31	25.00
189525.000	6200.00	559.00	1.57	0.02	0.00	184.67	25.00
189525.000	7800.00	559.78	0.78	0.02	0.00	186.25	25.00
189525.000	12500.00	561.85	2.07	0.04	0.00	197.22	25.00
189550.000	3530.00	557.44	0.00	0.01	0.00	178.99	25.00
189550.000	6200.00	559.02	1.58	0.02	0.00	184.50	25.00
189550.000	7800.00	559.80	0.78	0.02	0.00	186.09	25.00
189550.000	12500.00	561.89	2.08	0.04	0.00	196.85	25.00
189575.000	3530.00	557.45	0.00	0.01	0.00	178.67	25.00
189575.000	6200.00	559.03	1.59	0.02	0.00	184.23	25.00
189575.000	7800.00	559.82	0.79	0.02	0.00	185.93	25.00
189575.000	12500.00	561.92	2.10	0.04	0.00	196.49	25.00
189600.000	3530.00	557.46	0.00	0.01	0.00	178.34	25.00
189600.000	6200.00	559.05	1.59	0.02	0.00	183.94	25.00
189600.000	7800.00	559.85	0.80	0.02	0.00	185.77	25.00
189600.000	12500.00	561.96	2.11	0.04	0.00	196.13	25.00
189800.000	3530.00	557.53	0.00	0.07	0.00	175.46	200.00
189800.000	6200.00	559.20	1.67	0.15	0.00	181.31	200.00
189800.000	7800.00	560.04	0.84	0.19	0.00	184.27	200.00
189800.000	12500.00	562.27	2.23	0.31	0.00	192.75	200.00
190000.000	3530.00	557.62	0.00	0.09	0.00	172.60	200.00
190000.000	6200.00	559.38	1.76	0.18	0.00	178.76	200.00
190000.000	7800.00	560.27	0.89	0.23	0.00	181.88	200.00
190000.000	12500.00	562.62	2.35	0.35	0.00	189.65	200.00
190500.000	3530.00	557.98	0.00	0.36	0.00	164.74	500.00
190500.000	6200.00	560.01	2.03	0.63	0.00	171.87	500.00
190500.000	7800.00	561.05	1.03	0.78	0.00	175.50	500.00
190500.000	12500.00	563.72	2.67	1.10	0.00	184.69	500.00
191000.000	3530.00	558.70	0.00	0.72	0.00	144.91	500.00
191000.000	6200.00	561.03	2.33	1.02	0.00	162.25	500.00
191000.000	7800.00	562.19	1.16	1.15	0.00	170.90	500.00
191000.000	12500.00	565.10	2.91	1.39	0.00	192.56	500.00



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
191100.000	3530.00	558.87	0.00	0.17	0.00	145.36	100.00
191100.000	6200.00	561.26	2.40	0.23	0.00	163.18	100.00
191100.000	7800.00	562.45	1.19	0.26	0.00	172.12	100.00
191100.000	12500.00	565.42	2.96	0.32	0.00	194.17	100.00
191200.000	3530.00	559.03	0.00	0.17	0.00	145.87	100.00
191200.000	6200.00	561.49	2.45	0.22	0.00	164.13	100.00
191200.000	7800.00	562.70	1.21	0.25	0.00	173.15	100.00
191200.000	12500.00	565.71	3.01	0.30	0.00	195.63	100.00
192000.000	3200.00	560.19	0.00	1.16	0.00	148.56	800.00
192000.000	5700.00	562.99	2.80	1.50	0.00	169.41	800.00
192000.000	7200.00	564.35	1.36	1.65	0.00	179.55	800.00
192000.000	11800.00	567.66	3.31	1.95	0.00	204.16	800.00
193000.000	3200.00	561.29	0.00	1.10	0.00	149.27	1000.00
193000.000	5700.00	564.31	3.03	1.32	0.00	171.79	1000.00
193000.000	7200.00	565.77	1.46	1.41	0.00	182.63	1000.00
193000.000	11800.00	569.32	3.55	1.66	0.00	209.04	1000.00
197000.000	3200.00	566.77	0.00	5.48	0.00	141.94	4000.00
197000.000	5700.00	570.16	3.39	5.85	0.00	190.07	4000.00
197000.000	7200.00	571.76	1.60	5.99	0.00	212.85	4000.00
197000.000	11800.00	575.67	3.91	6.36	0.00	267.57	4000.00
199480.000	3200.00	570.25	0.00	3.48	0.00	173.30	2480.00
199480.000	5700.00	573.70	3.45	3.54	0.00	219.92	2480.00
199480.000	7200.00	575.32	1.63	3.56	0.00	241.86	2480.00
199480.000	11800.00	579.27	3.94	3.59	0.00	295.10	2480.00
199585.000	3200.00	570.49	0.00	0.24	0.00	119.00	105.00
199585.000	5700.00	573.96	3.47	0.26	0.00	174.73	105.00
199585.000	7200.00	575.61	1.65	0.29	0.00	245.73	105.00
199585.000	11800.00	579.56	3.95	0.29	0.00	299.02	105.00
199615.000	3200.00	570.52	0.00	0.03	0.00	119.00	30.00
199615.000	5700.00	574.31	3.79	0.35	0.00	119.00	30.00
199615.000	7200.00	576.15	1.84	0.54	0.00	251.64	30.00
199615.000	11800.00	580.00	3.86	0.45	0.00	303.70	30.00
199700.000	3200.00	570.55	0.00	0.03	0.00	182.41	85.00
199700.000	5700.00	574.36	3.80	0.05	0.00	219.02	85.00
199700.000	7200.00	576.16	1.80	0.01	0.00	235.90	85.00
199700.000	11800.00	580.01	3.85	0.01	0.00	264.71	85.00
199980.000	3200.00	570.77	0.00	0.22	0.00	168.21	280.00
199980.000	5700.00	574.56	3.79	0.21	0.00	204.59	280.00
199980.000	7200.00	576.36	1.80	0.20	0.00	221.86	280.00
199980.000	11800.00	580.23	3.87	0.22	0.00	253.64	280.00
201320.000	3200.00	572.82	0.00	2.05	0.00	234.22	1340.00
201320.000	5700.00	576.31	3.49	1.75	0.00	284.54	1340.00
201320.000	7200.00	578.03	1.72	1.67	0.00	299.77	1340.00
201320.000	11800.00	581.95	3.92	1.72	0.00	334.56	1340.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
201950.000	3200.00	579.70	0.00	0.88	0.00	220.01	630.00
201950.000	5700.00	577.02	3.32	0.71	0.00	279.30	630.00
201950.000	7200.00	578.67	1.65	0.65	0.00	293.97	630.00
201950.000	11800.00	582.55	3.88	0.60	0.00	328.37	650.00

SUMMARY OF ERRORS

- CAUTION SECNO=\*\*\*\*\* PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=\*\*\*\*\* PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=\*\*\*\*\* PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=\*\*\*\*\* PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=\*\*\*\*\* PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=\*\*\*\*\* PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=\*\*\*\*\* PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=\*\*\*\*\* PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=\*\*\*\*\* PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=\*\*\*\*\* PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=\*\*\*\*\* PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=\*\*\*\*\* PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=\*\*\*\*\* PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO=\*\*\*\*\* PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO=\*\*\*\*\* PROFILE= 3 HYDRAULIC JUMP D.S.
- CAUTION SECNO=\*\*\*\*\* PROFILE= 4 HYDRAULIC JUMP D.S.

END RIVER  
FLOODWAY

\*\*\*\*\*  
HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
ERROR CORR - 01,02  
MODIFICATION - 50,51,52,53  
\*\*\*\*\*

C  
T1 ORANGE COUNTY FIA STUDY  
T2 END RIVER  
T3 100 YEAR NATURAL PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	368.150	0.000
J2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	5.000	41.000	42.000	5.000	43.000	0.000	38.000	1.000
	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
NC	0.100	0.100	0.050	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1140.000	0.000	0.000
QT	5.000	9150.000	12770.000	15700.000	17750.000	15700.000	0.000	0.000	0.000	0.000
OE-1 VALLEY										
X1	82850.000	17.000	1000.000	1075.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	379.100	857.000	359.500	951.000	359.200	957.000	356.500	1000.000	352.100	1002.000
GR	349.200	1012.000	349.500	1022.000	349.300	1032.000	350.200	1042.000	349.600	1052.000
GR	350.000	1062.000	350.900	1072.000	351.900	1073.000	357.100	1075.000	359.600	1083.000
GR	360.800	1157.000	380.300	1236.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	910.000	1090.000	0.000	0.000
OE-2 VALLEY										
X1	85150.000	14.000	1000.000	1079.000	2500.000	2300.000	2300.000	0.000	0.000	0.000
GR	383.100	729.000	372.100	829.000	364.200	881.000	362.700	929.000	361.800	1000.000
GR	352.800	1010.000	352.300	1020.000	352.000	1040.000	352.400	1050.000	352.200	1060.000
GR	352.700	1070.000	352.900	1075.000	358.600	1079.000	381.300	1122.000	0.000	0.000
QT	5.000	9000.000	12500.000	13600.000	17640.000	13600.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1175.000	0.000	0.000
OE-3 VALLEY										
X1	87180.000	17.000	1000.000	1083.000	2030.000	2030.000	2030.000	0.000	0.000	0.000
GR	390.600	908.000	363.100	1000.000	359.100	1001.000	358.600	1011.000	358.500	1021.000
GR	358.400	1031.000	358.600	1041.000	359.000	1051.000	359.700	1061.000	360.200	1071.000
GR	360.200	1079.000	364.700	1083.000	366.100	1108.000	371.100	1208.000	379.500	1308.000
GR	383.000	1408.000	385.200	1473.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	840.000	1175.000	0.000	0.000

OE-4 VALLEY

X1	89080.000	19.000	1000.000	1075.000	1900.000	1900.000	1900.000	0.000	0.000	0.000
GR	393.500	749.000	377.300	817.000	376.200	849.000	376.300	907.000	371.800	921.000
GR	371.900	949.000	368.800	1000.000	366.900	1002.000	366.500	1012.000	365.700	1022.000
GR	365.500	1032.000	365.600	1042.000	365.600	1052.000	366.000	1062.000	366.500	1066.000
GR	372.700	1075.000	377.400	1149.000	374.000	1246.000	392.700	1292.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.400	0.000	0.000	0.000	0.000

X1	91330.000	14.000	1000.000	1088.000	2250.000	2250.000	2250.000	0.000	0.000	0.000
GR	410.000	770.000	400.000	840.000	390.000	925.000	381.000	970.000	380.500	1000.000
GR	374.000	1005.000	372.500	1015.000	371.900	1044.000	372.500	1073.000	374.000	1083.000
GR	380.500	1088.000	381.000	1140.000	390.000	1170.000	410.000	1190.000	0.000	0.000
QT	5.000	8600.000	12100.000	13500.000	17370.000	13500.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	985.000	1115.000	0.000	0.000

OE-5 VALLEY

X1	92830.000	19.000	1000.000	1093.000	1500.000	1500.000	1500.000	0.000	0.000	0.000
GR	407.900	825.000	399.400	927.000	388.500	958.000	384.100	1000.000	379.000	1006.000
GR	376.800	1016.000	376.700	1026.000	376.100	1036.000	376.200	1046.000	377.100	1056.000
GR	377.400	1066.000	377.100	1076.000	377.700	1086.000	379.300	1088.000	386.200	1093.000
GR	387.500	1125.000	390.100	1225.000	396.500	1325.000	406.300	1354.000	0.000	0.000
QT	5.000	8550.000	12050.000	13450.000	17320.000	13450.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

OE-6 VALLEY

X1	97480.000	14.000	1000.000	1064.000	4650.000	4650.000	4650.000	0.000	0.000	0.000
GR	413.500	636.000	405.200	736.000	400.800	836.000	395.100	936.000	392.000	1000.000
GR	383.900	1006.000	382.500	1016.000	382.300	1026.000	381.900	1036.000	382.000	1046.000
GR	382.300	1056.000	384.000	1061.000	386.800	1064.000	408.300	1115.000	0.000	0.000

OE-7 VALLEY

X1	99100.000	20.000	1000.000	1065.000	1620.000	1620.000	1620.000	0.000	0.000	0.000
GR	430.000	520.000	420.000	640.000	415.400	690.000	404.100	760.000	401.500	790.000
GR	402.800	890.000	402.600	960.000	391.900	990.000	386.700	1000.000	384.900	1001.000
GR	383.400	1011.000	383.600	1051.000	385.000	1061.000	389.100	1065.000	394.800	1090.000
GR	398.300	1190.000	406.800	1290.000	415.800	1361.000	420.000	1400.000	430.000	1450.000

X1	99340.000	21.000	930.000	1132.000	240.000	240.000	240.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	410.000	410.000	0.000
GR	430.000	520.000	420.000	640.000	401.500	790.000	402.500	930.000	382.500	950.000
GR	396.100	960.000	393.700	980.000	388.300	990.000	384.700	1000.000	383.700	1010.000
GR	385.700	1040.000	384.900	1070.000	389.600	1080.000	392.600	1090.000	395.000	1100.000
GR	396.200	1132.000	398.300	1190.000	406.800	1290.000	415.800	1361.000	420.000	1400.000
GR	430.000	1450.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.500	2.700	0.000	65.000	8.000	3275.000	3.270	385.100	385.000
ET	0.000	0.000	0.000	0.000	0.000	8.400	0.000	0.000	0.000	0.000

OE-8 SR 1567 (PLEASANT GREEN RD)

X1	99380.000	16.000	930.000	1132.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	409.500	412.100	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	413.000	413.000	0.000
BT	14.000	675.000	425.800	0.000	775.000	419.100	0.000	875.000	412.800	0.000
BT	930.000	412.200	409.500	989.000	412.200	409.500	991.000	412.200	408.700	1044.000

SHEET 100 Moore Business Forms, Inc.

BT	0.000	1275.000	413.300	0.000	1375.000	416.500	0.000	1475.000	422.500	0.000
BT	1527.000	425.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	430.000	730.000	420.000	820.000	410.000	880.000	400.000	930.000	388.300	990.000
GR	384.700	1000.000	383.700	1010.000	385.700	1040.000	384.900	1070.000	389.600	1080.000
GR	392.600	1090.000	400.000	1110.000	402.200	1132.000	410.000	1210.000	420.000	1260.000
GR	430.000	1360.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	99450.000	14.000	1000.000	1065.000	70.000	70.000	70.000	0.000	0.000	0.000
GR	430.000	730.000	420.000	820.000	410.000	880.000	400.000	930.000	387.200	1000.000
GR	385.400	1001.000	383.900	1011.000	384.100	1051.000	385.500	1061.000	389.100	1065.000
GR	400.000	1110.000	410.000	1210.000	420.000	1260.000	430.000	1360.000	0.000	0.000

OE-9 VALLEY

X1	99540.000	21.000	1000.000	1116.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	430.000	840.000	417.900	888.000	404.800	951.000	396.400	962.000	391.300	988.000
GR	389.000	1000.000	386.500	1004.000	384.800	1014.000	384.100	1044.000	384.800	1064.000
GR	385.800	1074.000	386.800	1084.000	386.800	1094.000	384.200	1104.000	386.300	1114.000
GR	388.000	1116.000	395.300	1131.000	399.800	1188.000	408.800	1311.000	420.000	1400.000
GR	430.000	1490.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.000	1.500	3.200	0.000	1.000	0.100	1.000	0.000	384.300	384.200

OE-10 DAM

X1	99570.000	15.000	970.000	1135.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	390.000	394.100	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	13.000	863.000	422.100	0.000	913.000	412.900	0.000	962.000	396.100	0.000
BT	1000.000	396.100	0.000	1000.000	394.100	0.000	1035.000	394.100	0.000	1035.000
BT	396.200	0.000	1196.000	396.500	0.000	1235.000	402.400	0.000	1263.000	406.000
BT	0.000	1355.000	416.700	0.000	1400.000	420.000	0.000	1490.000	430.000	0.000
GR	430.000	840.000	422.100	863.000	412.900	913.000	394.000	970.000	390.000	1000.000
GR	384.500	1015.000	384.500	1055.000	390.000	1070.000	394.000	1135.000	396.500	1196.000
GR	402.400	1235.000	406.000	1263.000	416.700	1355.000	420.000	1400.000	430.000	1490.000

X1	99850.000	15.000	1000.000	1170.000	280.000	280.000	280.000	0.000	0.000	0.000
GR	430.000	600.000	420.000	720.000	410.000	820.000	400.000	950.000	394.000	1000.000
GR	390.000	1050.000	386.000	1060.000	384.700	1085.000	386.000	1110.000	390.000	1120.000
GR	394.000	1170.000	400.000	1190.000	410.000	1300.000	420.000	1600.000	430.000	1700.000
QT	5.000	7800.000	11500.000	12900.000	17200.000	12900.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

X1	100500.000	15.000	1000.000	1100.000	650.000	650.000	650.000	0.000	0.000	0.000
GR	430.000	580.000	420.000	670.000	410.000	770.000	400.000	940.000	394.000	1000.000
GR	392.000	1015.000	387.000	1050.000	385.000	1050.000	387.000	1070.000	392.000	1085.000
GR	394.000	1100.000	400.000	1140.000	410.000	1170.000	420.000	1210.000	430.000	1290.000

OE-11 VALLEY

X1	103200.000	21.000	1000.000	1084.000	2700.000	2700.000	2700.000	0.000	0.000	0.000
GR	430.000	150.000	424.000	500.000	421.000	593.000	412.000	693.000	410.300	793.000
GR	405.000	893.000	397.900	993.000	397.600	1000.000	393.300	1003.000	390.100	1013.000
GR	388.900	1023.000	388.100	1033.000	386.900	1043.000	386.100	1053.000	386.300	1063.000
GR	388.500	1073.000	392.500	1081.000	397.900	1084.000	399.900	1093.000	422.000	1164.000
GR	430.000	1250.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	940.000	1185.000	0.000	0.000

GR	470.000	1110.000	400.000	1160.000	490.000	1200.000	0.000	0.000	0.000	0.000
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SHELDON MODEL BUILDING CO. INC. 1000 10TH AVENUE, NEW YORK, N.Y. 10018

0E-12 VALLEY

X1	106620.000	17.000	1000.000	1053.000	3420.000	3420.000	3420.000	0.000	0.000	0.000
GR	421.700	595.000	418.000	695.000	415.000	795.000	414.300	825.000	410.300	895.000
GR	399.400	995.000	400.000	1000.000	392.800	1005.000	391.000	1010.000	390.800	1020.000
GR	390.300	1030.000	389.900	1040.000	390.000	1050.000	399.300	1053.000	401.600	1095.000
GR	405.300	1195.000	421.400	1266.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	7400.000	11100.000	12500.000	17000.000	12500.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

0E-13 VALLEY

X1	110330.000	24.000	1000.000	1098.000	3710.000	3710.000	3710.000	0.000	0.000	0.000
GR	421.500	317.000	418.500	367.000	415.700	417.000	413.600	467.000	412.800	517.000
GR	411.900	567.000	412.800	617.000	415.600	667.000	416.600	717.000	409.800	817.000
GR	408.200	917.000	405.900	1000.000	397.500	1011.000	395.300	1021.000	395.600	1031.000
GR	396.000	1041.000	395.600	1051.000	395.400	1061.000	395.600	1071.000	396.000	1081.000
GR	398.000	1092.000	402.700	1098.000	405.900	1117.000	425.100	1176.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	981.000	1191.000	0.000	0.000

0E-14 VALLEY

X1	114880.000	19.000	1000.000	1108.000	4550.000	4550.000	4550.000	0.000	0.000	0.000
GR	435.400	961.000	415.800	989.000	414.400	1000.000	411.100	1004.000	410.400	1014.000
GR	411.700	1024.000	411.400	1034.000	410.600	1044.000	411.000	1054.000	411.200	1064.000
GR	411.700	1074.000	411.500	1084.000	410.700	1094.000	411.500	1102.000	414.000	1108.000
GR	417.900	1161.000	418.000	1175.000	433.400	1261.000	434.600	1267.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	800.000	1240.000	0.000	0.000

X1	116520.000	10.000	1000.000	1100.000	1640.000	1640.000	1640.000	0.000	0.000	0.000
GR	450.000	240.000	440.000	440.000	430.000	680.000	418.000	1000.000	414.000	1005.000
GR	414.000	1090.000	418.000	1100.000	430.000	1290.000	440.000	1380.000	450.000	1430.000
QT	5.000	6700.000	10300.000	11900.000	16500.000	11900.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	966.000	1128.000	0.000	0.000

X1	118000.000	14.000	1000.000	1084.000	1480.000	1480.000	1480.000	0.000	-8.500	0.000
GR	455.900	908.000	435.400	981.000	433.000	1000.000	429.900	1004.000	429.200	1014.000
GR	428.300	1024.000	428.300	1034.000	428.900	1044.000	429.200	1054.000	429.500	1064.000
GR	429.700	1074.000	432.400	1084.000	432.200	1108.000	455.200	1171.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	959.000	1134.000	0.000	0.000

0E-15 VALLEY

X1	119720.000	0.000	0.000	0.000	1720.000	1720.000	1720.000	0.000	8.500	0.000
QT	5.000	6540.000	10140.000	11740.000	16400.000	11740.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	990.000	1135.000	0.000	0.000

0E-16 VALLEY

X1	128850.000	11.000	1000.000	1052.000	9110.000	9110.000	9110.000	0.000	0.000	0.000
GR	474.100	942.000	451.900	1000.000	448.500	1002.000	447.800	1012.000	445.300	1022.000
GR	446.100	1032.000	447.000	1042.000	447.700	1049.000	450.200	1052.000	460.400	1142.000
GR	471.300	1175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	885.000	1070.000	0.000	0.000

X1	130450.000	13.000	1000.000	1054.000	1620.000	1620.000	1620.000	0.000	0.000	0.000
GR	490.000	420.000	480.000	480.000	470.000	640.000	460.000	920.000	456.000	1000.000
GR	451.000	1010.000	449.900	1027.000	451.000	1044.000	456.000	1054.000	460.000	1080.000
GR	470.000	1110.000	480.000	1160.000	490.000	1200.000	0.000	0.000	0.000	0.000



OE-18 VALLEY

X1	138460.000	17.000	1000.000	1068.000	1060.000	1060.000	1060.000	0.000	0.000	0.000
GR	502.600	574.000	488.700	646.000	486.700	674.000	483.600	774.000	483.600	874.000
GR	480.600	974.000	477.600	1000.000	472.200	1004.000	470.300	1014.000	469.800	1024.000
GR	469.200	1034.000	468.500	1044.000	468.800	1054.000	470.100	1063.000	475.900	1058.000
GR	477.500	1074.000	496.200	1110.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1135.000	0.000	0.000

X1	142600.000	19.000	1000.000	1077.000	4140.000	4140.000	4140.000	0.000	1.000	0.000
GR	516.000	735.000	515.600	745.000	504.400	835.000	490.200	935.000	485.800	1000.000
GR	480.300	1003.000	478.800	1013.000	478.500	1023.000	477.700	1033.000	477.700	1043.000
GR	477.800	1053.000	478.100	1063.000	480.400	1070.000	484.800	1077.000	488.300	1135.000
GR	488.300	1185.000	503.200	1235.000	506.400	1260.000	520.000	1360.000	0.000	0.000
NC	0.000	0.000	0.000	0.200	0.400	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

X1	142830.000	20.000	920.000	1156.000	230.000	230.000	230.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	517.000	526.100	0.000
GR	516.000	735.000	515.600	745.000	504.400	835.000	492.100	920.000	490.200	935.000
GR	487.700	980.000	481.100	990.000	481.200	1000.000	480.300	1010.000	479.800	1020.000
GR	480.000	1030.000	479.600	1050.000	480.700	1070.000	481.500	1080.000	484.000	1090.000
GR	485.300	1092.000	488.300	1156.000	488.300	1185.000	503.200	1235.000	520.000	1360.000
SB	1.250	1.500	2.900	0.000	80.000	12.000	5916.000	1.800	479.000	479.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

OE-19 US 70 BYPASS

X1	142870.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	524.000	517.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	517.400	527.800	0.000
BT	8.000	520.000	519.400	0.000	620.000	518.200	0.000	720.000	517.400	0.000
BT	820.000	517.900	0.000	920.000	519.600	0.000	1156.000	527.800	0.000	1220.000
BT	530.900	0.000	1320.000	535.600	0.000	0.000	0.000	0.000	0.000	0.000

X1	142970.000	19.000	1000.000	1077.000	100.000	100.000	100.000	0.000	0.900	0.000
GR	516.000	735.000	515.600	745.000	504.400	835.000	490.200	935.000	485.800	1000.000
GR	480.300	1003.000	478.800	1013.000	478.500	1023.000	477.700	1033.000	477.700	1043.000
GR	477.800	1053.000	478.100	1063.000	480.400	1070.000	484.800	1077.000	488.300	1135.000
GR	488.300	1185.000	503.200	1235.000	506.400	1260.000	520.000	1360.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

OE-20 VALLEY

X1	143100.000	0.000	0.000	0.000	130.000	130.000	130.000	0.000	-0.900	0.000
QT	5.000	5700.000	9200.000	10800.000	15700.000	10800.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	955.000	1135.000	0.000	0.000

X1	143700.000	13.000	1000.000	1076.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	520.000	740.000	510.000	800.000	500.000	870.000	490.000	950.000	486.500	1000.000
GR	497.500	1005.000	478.000	1038.000	479.500	1071.000	485.200	1076.000	490.000	1120.000
GR	500.000	1170.000	510.000	1200.000	520.000	1220.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

X1	144500.000	12.000	1000.000	1074.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	520.000	670.000	510.000	820.000	500.000	900.000	490.000	960.000	487.500	1000.000
GR	480.000	1005.000	478.600	1037.000	480.000	1069.000	485.700	1074.000	490.000	1080.000
GR	500.000	1095.000	520.000	1140.000	0.000	0.000	0.000	0.000	0.000	0.000



X1	145110.000	113.000	1000.000	1072.000	610.000	610.000	610.000	0.000	0.000	0.000
GR	520.000	690.000	510.000	830.000	500.000	910.000	490.000	950.000	488.200	1000.000
GR	480.000	1005.000	478.700	1036.000	480.000	1067.000	486.200	1072.000	490.000	1100.000
GR	500.000	1140.000	510.000	1190.000	520.000	1210.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	835.000	1090.000	0.000	0.000

X1	145650.000	13.000	1000.000	1071.000	400.000	540.000	540.000	0.000	0.000	0.000
GR	520.000	300.000	510.000	450.000	500.000	600.000	490.000	950.000	488.800	1000.000
GR	480.500	1005.000	479.000	1035.000	480.500	1066.000	486.500	1071.000	490.000	1080.000
GR	500.000	1090.000	510.000	1100.000	520.000	1180.000	0.000	0.000	0.000	0.000
DT	5.000	5400.000	8800.000	10400.000	15400.000	10400.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	6.400	0.000	0.000	0.000	0.000

X1	146800.000	14.000	1000.000	1068.000	500.000	1150.000	1150.000	0.000	0.000	0.000
GR	520.000	450.000	510.000	540.000	500.000	680.000	490.000	980.000	490.200	1000.000
GR	481.000	1005.000	479.600	1034.000	481.000	1063.000	487.300	1068.000	490.000	1080.000
GR	499.000	1110.000	501.000	1550.000	510.000	1660.000	520.000	1750.000	0.000	0.000

OE-21 VALLEY

X1	147630.000	17.000	1000.000	1066.000	830.000	830.000	830.000	0.000	0.000	0.000
GR	509.300	816.000	500.300	916.000	495.700	980.000	487.900	1000.000	481.300	1006.000
GR	480.300	1016.000	480.200	1036.000	480.000	1046.000	480.100	1060.000	491.200	1066.000
GR	495.500	1116.000	494.500	1216.000	496.300	1316.000	497.700	1416.000	498.600	1516.000
GR	502.000	1591.000	511.300	1631.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	149350.000	13.000	1000.000	1066.000	1500.000	1700.000	1720.000	0.000	0.000	0.000
GR	520.000	330.000	510.000	370.000	500.000	580.000	490.000	940.000	491.700	1000.000
GR	482.000	1005.000	480.800	1033.000	482.000	1061.000	488.900	1066.000	490.000	1090.000
GR	500.000	1100.000	510.000	1130.000	520.000	1170.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

X1	150700.000	13.000	1000.000	1066.000	900.000	1050.000	1550.000	0.000	0.000	0.000
GR	520.000	640.000	510.000	730.000	500.000	800.000	491.000	960.000	492.100	1000.000
GR	483.000	1005.000	481.400	1033.000	483.000	1061.000	489.600	1066.000	490.000	1091.000
GR	500.000	1600.000	510.000	1660.000	520.000	1720.000	0.000	0.000	0.000	0.000

X1	151850.000	13.000	1000.000	1066.000	1100.000	800.000	1150.000	0.000	0.000	0.000
GR	520.000	300.000	510.000	390.000	500.000	460.000	492.000	940.000	492.500	1000.000
GR	483.500	1005.000	482.000	1033.000	483.500	1061.000	490.300	1066.000	492.000	1080.000
GR	500.000	1290.000	510.000	1420.000	520.000	1480.000	0.000	0.000	0.000	0.000

OE-22 VALLEY

X1	152950.000	21.000	1000.000	1057.000	1080.000	1080.000	1080.000	0.000	0.000	0.000
GR	511.100	271.000	506.900	371.000	502.500	471.000	499.400	571.000	499.300	671.000
GR	498.400	771.000	498.400	871.000	497.900	971.000	492.800	1000.000	484.800	1006.000
GR	482.500	1016.000	483.700	1026.000	484.700	1036.000	485.000	1046.000	485.600	1052.000
GR	490.900	1057.000	499.300	1071.000	501.100	1171.000	500.900	1271.000	500.500	1371.000
GR	510.500	1471.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DT	5.000	5320.000	8700.000	10300.000	15300.000	10300.000	0.000	0.000	0.000	0.000

OE-22A USGS GAGE (DISCONTINUED 1971)

X1	157880.000	21.000	1000.000	1061.000	1700.000	4950.000	4950.000	0.000	0.000	0.000
GR	530.000	330.000	520.000	390.000	510.000	470.000	505.600	591.000	503.000	691.000

BT	501,700	771,000	502,500	891,000	502,100	945,000	493,500	975,000	496,400	991,000
GR	493,700	1000,000	489,600	1001,000	487,400	1011,000	486,500	1021,000	487,700	1031,000
GR	489,400	1040,000	492,200	1051,000	494,000	1061,000	510,000	1110,000	520,000	1150,000
GR	530,000	1180,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

OE-23 VALLEY

X1	158560,000	16,000	1000,000	1043,000	680,000	680,000	680,000	0,000	0,000	0,000
GR	530,000	190,000	516,700	437,000	514,100	537,000	514,400	637,000	512,200	737,000
GR	506,700	837,000	501,300	937,000	494,800	1000,000	489,300	1005,000	488,500	1015,000
GR	488,900	1035,000	489,600	1039,000	497,700	1043,000	504,500	1114,000	518,900	1145,000
GR	530,000	1200,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,500	0,000	0,000	0,000	0,000	0,000

X1	158680,000	25,000	876,000	1150,000	120,000	120,000	120,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	520,100	539,000	0,000
GR	530,000	190,000	516,700	437,000	514,100	537,000	514,400	637,000	512,200	737,000
GR	506,700	837,000	504,700	876,000	501,200	926,000	500,500	936,000	496,900	966,000
GR	495,000	976,000	493,400	986,000	492,400	996,000	488,900	1006,000	488,500	1016,000
GR	488,600	1026,000	490,700	1036,000	494,400	1046,000	496,800	1056,000	499,300	1066,000
GR	500,600	1076,000	501,500	1086,000	504,500	1114,000	521,200	1150,000	530,000	1200,000
SB	1,250	1,500	2,900	0,000	43,000	12,000	8613,000	3,500	489,000	489,000

OE-24 NC 86

X1	158720,000	0,000	0,000	0,000	40,000	40,000	40,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	537,200	520,100	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	520,100	541,800	0,000
BT	9,000	190,000	530,000	0,000	342,000	521,600	0,000	442,000	520,700	0,000
BT	542,000	520,100	0,000	596,000	520,400	0,000	642,000	521,700	0,000	742,000
BT	525,800	0,000	842,000	529,800	0,000	876,000	531,000	0,000	0,000	0,000

X1	158800,000	13,000	1000,000	1043,000	80,000	80,000	80,000	0,000	0,100	0,000
GR	530,000	190,000	520,400	596,000	501,300	937,000	494,800	1000,000	489,300	1005,000
GR	488,500	1015,000	488,700	1025,000	488,900	1035,000	489,600	1039,000	497,700	1043,000
GR	504,500	1114,000	518,900	1145,000	530,000	1200,000	0,000	0,000	0,000	0,000

X1	158935,000	21,000	800,000	1060,000	135,000	135,000	135,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	519,100	520,000	0,000
GR	530,000	190,000	520,400	596,000	508,800	800,000	505,900	820,000	500,200	840,000
GR	500,500	850,000	497,600	870,000	496,000	910,000	495,100	920,000	493,800	950,000
GR	490,300	960,000	489,000	980,000	489,000	1000,000	490,400	1010,000	493,300	1020,000
GR	498,700	1030,000	499,600	1040,000	500,900	1060,000	504,500	1114,000	518,900	1145,000
GR	530,000	1200,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
SB	1,250	1,500	2,800	0,000	70,000	12,000	5162,000	4,500	489,600	489,500

OE-25 SR 1197

X1	158965,000	22,000	800,000	1060,000	30,000	30,000	30,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	517,700	522,300	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	520,400	522,400	0,000
BT	9,000	190,000	530,000	0,000	545,000	520,400	0,000	596,000	520,700	0,000
BT	696,000	521,500	0,000	800,000	522,300	0,000	1060,000	522,400	0,000	1096,000
BT	522,500	0,000	1147,000	523,200	0,000	1200,000	530,000	0,000	0,000	0,000
GR	530,000	190,000	520,900	534,000	516,400	634,000	513,600	734,000	513,100	744,000
GR	502,700	771,000	501,200	800,000	499,500	834,000	497,600	870,000	493,800	950,000
GR	490,300	960,000	489,500	970,000	489,000	980,000	489,000	1000,000	490,400	1010,000
GR	493,300	1020,000	498,800	1034,000	500,000	1051,000	505,000	1060,000	515,800	1080,000
GR	517,500	1105,000	530,000	1200,000	0,000	0,000	0,000	0,000	0,000	0,000

SERIALIZED BY: [illegible]

XI	159020.000	15.000	962.000	1009.000	55.000	55.000	55.000	0.000	0.000	0.000
GR	530.000	190.000	520.400	534.000	513.100	744.000	502.700	771.000	499.500	834.000
GR	497.700	934.000	493.500	962.000	489.500	965.000	489.100	975.000	489.600	985.000
GR	489.000	995.000	495.700	1009.000	500.000	1051.000	517.500	1105.000	530.000	1200.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

OE-26 VALLEY

XI	159090.000	0.000	0.000	0.000	70.000	70.000	70.000	0.000	0.000	0.000
QT	5.000	5180.000	8530.000	10130.000	15070.000	10130.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	970.000	1130.000	0.000	0.000

XI	161900.000	16.000	1000.000	1040.000	2810.000	2810.000	2810.000	0.000	0.000	0.000
GR	530.000	830.000	520.000	920.000	510.000	950.000	500.000	980.000	497.000	1000.000
GR	492.500	1008.000	491.900	1020.000	492.500	1032.000	497.000	1040.000	500.000	1080.000
GR	503.500	1090.000	505.000	1140.000	510.000	1160.000	514.000	1170.000	520.000	1400.000
GR	530.000	1440.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

XI	162060.000	19.000	950.000	1059.000	160.000	160.000	160.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	524.000	524.000	0.000
GR	540.000	750.000	530.000	830.000	520.000	920.000	510.000	950.000	502.500	960.600
GR	495.500	990.000	491.000	1000.000	490.500	1010.000	490.500	1020.000	491.000	1030.000
GR	498.800	1050.000	499.500	1059.000	503.500	1090.000	505.000	1140.000	510.000	1160.000
GR	514.000	1170.000	520.000	1400.000	530.000	1440.000	540.000	1530.000	0.000	0.000
SB	0.100	1.500	3.000	0.000	52.000	0.100	2436.000	1.250	491.200	491.000

OE-27 SOU RY

X1	162080.000	18.000	950.000	1059.000	20.000	20.000	20.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	519.700	530.700	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	532.000	532.000	0.000
BT	11.000	579.000	533.100	0.000	679.000	532.200	0.000	779.000	531.600	0.000
BT	879.000	530.800	0.000	950.000	530.700	519.700	1059.000	530.700	519.700	1079.000
BT	530.700	0.000	1179.000	531.300	0.000	1279.000	532.300	0.000	1379.000	533.400
BT	0.000	1462.000	534.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	540.000	300.000	530.000	480.000	520.000	620.000	513.700	788.000	505.300	836.000
GR	503.500	450.000	502.500	460.000	495.500	990.000	491.000	1000.000	490.500	1010.000
GR	490.500	1020.000	491.000	1030.000	498.800	1050.000	499.500	1059.000	510.000	1090.000
GR	520.000	1130.000	530.000	1250.000	540.000	1410.000	0.000	0.000	0.000	0.000

OE-28 VALLEY

X1	162200.000	19.000	1000.000	1033.000	120.000	120.000	120.000	0.000	0.000	0.000
GR	540.000	300.000	530.000	480.000	520.000	620.000	513.700	788.000	505.300	836.000
GR	504.900	847.000	503.500	947.000	503.800	968.000	496.800	1000.000	492.500	1003.000
GR	492.200	1013.000	493.400	1025.000	494.500	1030.000	497.600	1033.000	501.700	1047.000
GR	510.000	1090.000	520.000	1130.000	530.000	1250.000	540.000	1410.000	0.000	0.000

X1	162500.000	0.000	0.000	0.000	300.000	300.000	300.000	1.000	0.200	0.000
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X1	164270.000	13.000	1000.000	1060.000	900.000	1770.000	1770.000	0.000	0.000	0.000
GR	540.000	380.000	530.000	440.000	520.000	480.000	510.000	930.000	500.000	980.000
GR	500.000	1000.000	495.500	1010.000	493.400	1030.000	495.500	1050.000	500.000	1060.000
GR	520.000	1090.000	510.000	1110.000	540.000	1170.000	0.000	0.000	0.000	0.000

X1	165400.000	13.000	1000.000	1075.000	1130.000	1130.000	1130.000	0.000	0.000	0.000
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	540,000	570,000	530,000	670,000	520,000	770,000	510,000	960,000	503,000	1000,000
GR	496.000	1015.000	494.100	1040.000	496.000	1065.000	503.000	1075.000	510.000	1160.000
GR	520.000	1330.000	530.000	1370.000	540.000	1440.000	0.000	0.000	0.000	0.000
X1	165580.000	18.000	1000.000	1087.000	180.000	180.000	180.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	515.000	511.000	0.000
GR	540.000	560.000	530.000	670.000	520.000	770.000	510.000	960.000	503.500	1000.000
GR	497.800	1010.000	495.700	1020.000	495.700	1030.000	496.200	1040.000	494.500	1050.000
GR	495.700	1060.000	496.300	1070.000	500.100	1080.000	503.100	1087.000	510.000	1160.000
GR	520.000	1330.000	530.000	1370.000	540.000	1440.000	0.000	0.000	0.000	0.000
SR	1.050	1.500	2.900	0.000	65.000	1.000	1509.000	0.790	495.600	495.500

OE-29 SR 1148

X1	165620.000	21.000	1000.000	1087.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	514.600	512.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	516.000	513.000	0.000
BT	18.000	550.000	540.000	0.000	650.000	530.000	0.000	740.000	522.000	0.000
BT	790.000	519.600	0.000	840.000	517.300	0.000	890.000	516.100	0.000	940.000
BT	516.100	0.000	990.000	517.100	0.000	1000.000	517.500	514.600	1087.000	517.300
BT	514.600	1140.000	514.500	0.000	1190.000	512.700	0.000	1240.000	512.000	0.000
BT	1290.000	512.600	0.000	1340.000	517.200	0.000	1390.000	522.000	0.000	1500.000
BT	530.000	0.000	1620.000	540.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	540.000	570.000	530.200	616.000	516.400	716.000	512.200	816.000	509.500	916.000
GR	503.500	1000.000	497.800	1010.000	495.700	1020.000	495.700	1030.000	496.200	1040.000
GR	494.500	1050.000	495.700	1060.000	496.300	1070.000	500.100	1080.000	503.100	1087.000
GR	506.200	1116.000	512.800	1216.000	519.400	1316.000	526.700	1386.000	530.000	1470.000
GR	540.000	1570.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

OE-30 VALLEY

X1	165730.000	22.000	1000.000	1079.000	110.000	110.000	110.000	0.000	0.000	0.000
GR	540.000	570.000	530.200	616.000	516.400	716.000	512.200	816.000	509.500	916.000
GR	503.400	1000.000	500.400	1002.000	495.900	1012.000	494.900	1022.000	495.400	1032.000
GR	494.400	1042.000	494.300	1052.000	495.200	1062.000	498.200	1072.000	500.300	1078.000
GR	504.000	1079.000	504.200	1116.000	512.800	1216.000	519.400	1316.000	526.700	1386.000
GR	530.000	1470.000	540.000	1570.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	166000.000	0.000	0.000	0.000	270.000	270.000	270.000	1.000	0.400	0.000
BT	5.000	5000.000	8300.000	9900.000	14800.000	9900.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	0.000	0.000	0.000	8.400	0.000	0.000	0.000	0.000

OE-31 VALLEY

X1	167210.000	14.000	1000.000	1067.000	1210.000	1210.000	1210.000	0.000	0.000	0.000
GR	540.000	800.000	531.200	850.000	512.700	950.000	507.800	1000.000	500.900	1015.000
GR	496.500	1025.000	496.700	1035.000	497.000	1045.000	498.300	1055.000	499.600	1065.000
GR	503.800	1067.000	525.400	1125.000	530.000	1190.000	540.000	1230.000	0.000	0.000

X1	171000.000	13.000	1000.000	1070.000	3790.000	3790.000	3790.000	0.000	0.000	0.000
GR	540.000	590.000	530.000	750.000	520.000	880.000	510.000	920.000	506.000	1000.000
GR	502.000	1010.000	500.500	1035.000	502.000	1060.000	507.000	1070.000	510.000	1130.000
GR	520.000	1165.000	530.000	1210.000	540.000	1325.000	0.000	0.000	0.000	0.000

X1	171205.000	17.000	950.000	1113.000	205.000	205.000	205.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	524.000	527.000	0.000
GR	540.000	590.000	530.000	750.000	520.000	880.000	510.000	920.000	508.300	950.000
GR	506.600	980.000	504.500	1000.000	499.700	1010.000	500.800	1020.000	500.600	1050.000
GR	502.700	1060.000	507.400	1070.000	509.200	1113.000	510.000	1130.000	520.000	1165.000

SB 538,000 1210,000 540,000 1525,000 0,000 0,000 0,000 0,000 0,000 0,000  
 SB 1.250 1.500 2.700 0.000 49.000 12.000 2513.000 2.600 500.600 500.500

OE-32 SR 1134

X1	171235.000	18.000	950.000	1113.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	527.300	525.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	527.000	530.000	0.000
BT	13.000	720.000	540.000	0.000	797.000	537.300	0.000	886.000	525.800	0.000
BT	897.000	525.900	0.000	950.000	526.400	524.000	1009.000	527.600	525.300	1011.000
BT	527.600	524.300	1054.000	528.500	525.200	1056.000	528.500	526.200	1113.000	529.700
BT	527.400	1197.000	532.500	0.000	1283.000	537.300	0.000	1350.000	540.000	0.000
GR	540.000	740.000	530.000	830.000	525.500	884.000	525.200	893.000	523.200	909.000
GR	507.800	950.000	506.600	980.000	504.500	1000.000	499.700	1010.000	500.800	1020.000
GR	500.600	1050.000	502.700	1060.000	507.400	1070.000	514.200	1084.000	521.600	1113.000
GR	527.600	1126.000	530.000	1200.000	540.000	1280.000	0.000	0.000	0.000	0.000

OE-33 VALLEY

X1	171300.000	20.000	1000.000	1071.000	65.000	65.000	65.000	0.000	0.000	0.000
GR	540.000	740.000	530.000	830.000	525.500	884.000	525.200	893.000	523.200	909.000
GR	507.800	949.000	506.600	984.000	506.500	1000.000	501.800	1009.000	500.900	1019.000
GR	501.300	1029.000	501.500	1039.000	500.800	1049.000	500.800	1059.000	501.600	1064.000
GR	507.600	1071.000	514.200	1084.000	527.600	1126.000	530.000	1200.000	540.000	1280.000

OE-34 VALLEY

X1	171550.000	16.000	1000.000	1060.000	250.000	250.000	250.000	0.000	0.000	0.000
GR	540.000	680.000	530.000	720.000	524.600	837.000	524.100	846.000	523.600	856.000
GR	510.800	937.000	504.400	1000.000	504.000	1001.000	503.400	1011.000	503.600	1021.000
GR	503.300	1031.000	503.100	1041.000	503.300	1051.000	504.200	1060.000	528.800	1125.000
GR	540.000	1230.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	171600.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.100	0.000
SB	0.100	1.600	3.200	0.000	1.000	0.100	1.000	0.000	0.000	0.000

OE-35 DAM

X1	171650.000	12.000	1000.000	1070.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	514.000	515.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	11.000	740.000	540.000	0.000	820.000	530.000	0.000	890.000	525.100	0.000
BT	935.000	520.100	0.000	980.000	520.100	0.000	980.000	515.000	0.000	1085.000
BT	515.000	0.000	1085.000	520.100	0.000	1125.000	520.100	0.000	1165.000	530.100
BT	0.000	1240.000	540.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	540.000	740.000	530.000	820.000	525.500	890.000	520.100	935.000	512.500	1000.000
GR	506.000	1010.000	504.500	1035.000	506.000	1060.000	512.500	1070.000	520.100	1125.000
GR	530.800	1165.000	540.000	1240.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	171825.000	11.000	1000.000	1070.000	175.000	175.000	175.000	0.000	0.000	0.000
GR	540.000	750.000	530.000	850.000	520.000	900.000	513.000	1000.000	506.500	1010.000
GR	505.000	1035.000	506.500	1060.000	513.000	1070.000	520.000	1150.000	530.000	1250.000
GR	540.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	172000.000	0.000	0.000	0.000	175.000	175.000	175.000	0.000	0.200	0.000
QT	5.000	4200.000	7200.000	8800.000	13500.000	8800.000	0.000	0.000	0.000	0.000

X1	172900.000	17.000	1000.000	1074.000	900.000	900.000	900.000	0.000	-0.400	0.000
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SPEEDI-LOG™ Meter Equipment Form 100 4

GR	540.000	790.000	527.100	890.000	520.800	953.000	519.900	990.000	519.000	1000.000
GR	513.700	1007.000	508.000	1020.000	507.100	1030.000	506.800	1040.000	506.800	1050.000
GR	507.700	1060.000	513.500	1072.000	517.300	1074.000	518.200	1090.000	519.000	1190.000
GR	528.400	1290.000	538.100	1350.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	173050.000	20.000	1000.000	1074.000	150.000	150.000	150.000	0.000	-0.200	0.000
GR	540.000	790.000	530.200	865.000	529.800	950.000	524.200	950.100	519.000	1000.000
GR	513.700	1007.000	508.000	1020.000	507.100	1030.000	506.800	1040.000	506.800	1050.000
GR	507.700	1060.000	513.500	1072.000	517.300	1074.000	518.200	1090.000	518.400	1113.000
GR	520.100	1140.000	529.600	1141.000	518.800	1211.000	531.800	1311.000	538.100	1350.000

OE-36 (OLD BRIDGE SITE, SR 1144)

X1	173070.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
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OE-37 VALLEY

X1	173200.000	17.000	1000.000	1074.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	540.000	790.000	527.100	890.000	520.800	953.000	519.900	990.000	519.000	1000.000
GR	513.700	1007.000	508.000	1020.000	507.100	1030.000	506.800	1040.000	506.800	1050.000
GR	507.700	1060.000	513.500	1072.000	517.300	1074.000	518.200	1090.000	519.000	1190.000
GR	528.400	1290.000	538.100	1350.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	173350.000	26.000	960.000	1107.000	120.000	120.000	120.000	0.000	-0.100	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	535.000	536.000	0.000
GR	545.300	685.000	541.400	785.000	532.400	885.000	524.000	960.000	523.200	977.000
GR	522.900	985.000	520.300	990.000	517.700	1000.000	515.000	1001.000	508.800	1005.000
GR	507.000	1010.000	507.000	1050.000	509.200	1057.000	515.000	1062.000	517.000	1063.000
GR	517.800	1075.000	518.000	1107.000	517.300	1140.000	518.300	1190.000	520.300	1208.000
GR	520.200	1240.000	526.300	1290.000	530.800	1340.000	537.400	1390.000	541.900	1440.000
GR	556.000	1540.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.800	0.000	50.000	5.000	2306.000	1.540	507.000	506.900

OE-36A SR 1144 (NEW BRIDGE SITE)

X1	173370.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.100	0.000
X2	0.000	0.000	1.000	534.000	536.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	536.400	538.100	0.000
BT	0.000	685.000	545.300	0.000	785.000	541.400	0.000	840.000	536.400	0.000
BT	1265.000	539.300	0.000	1315.000	540.300	0.000	1365.000	542.000	0.000	1415.000
BT	543.700	0.000	1464.000	545.700	0.000	0.000	0.000	0.000	0.000	0.000

X1	173420.000	26.000	1000.000	1065.000	50.000	50.000	50.000	0.000	0.100	0.000
GR	545.300	685.000	541.400	785.000	532.400	885.000	524.000	960.000	523.200	977.000
GR	522.900	985.000	520.300	990.000	517.700	1000.000	515.000	1001.000	508.800	1005.000
GR	507.000	1010.000	507.000	1050.000	509.200	1057.000	515.000	1062.000	517.000	1063.000
GR	517.800	1075.000	518.000	1107.000	517.300	1140.000	518.300	1190.000	520.300	1208.000
GR	520.200	1240.000	526.300	1290.000	530.800	1340.000	537.400	1390.000	541.900	1440.000
GR	556.000	1540.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.500	0.000	0.000	0.000	0.000	0.000

X1	173500.000	0.000	0.000	0.000	80.000	80.000	80.000	0.000	0.100	0.000
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X1	173850.000	0.000	0.000	0.000	350.000	350.000	350.000	0.000	0.600	0.000
NC	0.000	0.000	0.000	0.400	0.600	0.000	0.000	0.000	0.000	0.000

SPECIALTY MANUFACTURING

X1	173920.000	15.000	1000.000	1058.000	70.000	70.000	70.000	0.000	-0.400	0.000
GR	550.000	730.000	537.200	914.000	519.200	979.000	517.900	1000.000	513.900	1002.000
GR	508.800	1011.000	508.300	1021.000	509.300	1031.000	509.200	1041.000	514.300	1056.000
GR	516.500	1058.000	520.000	1114.000	520.400	1128.000	538.500	1202.000	550.000	1270.000

X1	173970.000	17.000	1000.000	1058.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	550.000	970.000	537.800	970.100	526.700	980.000	519.900	990.000	517.700	1000.000
GR	513.600	1002.000	508.500	1011.000	508.000	1021.000	509.000	1031.000	508.900	1041.000
GR	514.000	1056.000	516.500	1058.000	517.200	1070.000	519.600	1080.000	525.200	1090.000
GR	535.600	1100.000	550.000	1100.100	0.000	0.000	0.000	0.000	0.000	0.000

OE-38 SOU RY

X1	173990.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.100	0.000
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X1	174050.000	15.000	1000.000	1058.000	60.000	60.000	60.000	0.000	-0.200	0.000
GR	550.000	730.000	537.200	914.000	519.200	979.000	517.900	1000.000	513.900	1002.000
GR	508.800	1011.000	508.300	1021.000	509.300	1031.000	509.200	1041.000	514.300	1056.000
GR	516.500	1058.000	520.000	1114.000	520.400	1128.000	538.500	1202.000	550.000	1270.000

OE-39 VALLEY

X1	174540.000	0.000	0.000	0.000	190.000	190.000	190.000	0.000	0.200	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

OE-40 VALLEY

X1	177530.000	16.000	1000.000	1070.000	3190.000	3190.000	3190.000	0.000	0.000	0.000
GR	544.700	683.000	534.200	783.000	531.300	883.000	522.000	983.000	521.400	1000.000
GR	514.000	1014.000	513.300	1024.000	511.200	1034.000	511.000	1044.000	511.400	1054.000
GR	514.200	1064.000	518.800	1070.000	521.300	1083.000	523.900	1117.000	530.000	1160.000
GR	540.000	1210.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000

OE-42 VALLEY

X1	179320.000	12.000	1000.000	1057.000	1790.000	1790.000	1790.000	0.000	0.000	0.000
GR	558.000	730.000	542.800	830.000	532.700	902.000	529.900	930.000	525.500	1000.000
GR	519.500	1005.000	519.200	1015.000	519.300	1035.000	519.500	1051.000	525.200	1057.000
GR	527.700	1087.000	546.100	1128.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	179420.000	13.000	990.000	1080.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1000.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	179600.000	13.000	940.000	1108.000	180.000	180.000	180.000	0.000	1.500	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1000.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.800	0.000	112.000	9.000	3475.000	1.160	522.000	521.800

OE-41 US 70

X1	179640.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.200	0.000
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X2	0.000	0.000	1.000	548.000	551.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	551.000	551.000	0.000
BT	7.000	730.000	559.800	0.000	785.000	551.900	0.000	892.000	551.000	0.000
BT	1192.000	551.000	0.000	1292.000	552.100	0.000	1392.000	553.800	0.000	1492.000
BT	556.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	179700.000	13.000	990.000	1080.000	60.000	60.000	60.000	0.000	2.400	0.000
GR	559.000	730.000	543.800	830.000	533.700	902.000	530.300	940.000	524.300	990.000
GR	521.200	1000.000	520.300	1010.000	520.300	1070.000	524.000	1080.000	528.700	1087.000
GR	538.000	1108.000	540.000	1114.000	550.000	1350.000	0.000	0.000	0.000	0.000
QT	5.000	4130.000	7070.000	8700.000	13400.000	8700.000	0.000	0.000	0.000	0.000

X1	180000.000	0.000	0.000	0.000	300.000	300.000	300.000	0.000	2.500	0.000
NC	0.000	0.000	0.000	0.600	0.800	0.000	0.000	0.000	0.000	0.000

OE-44 DAM

X1	180300.000	9.000	1010.000	1110.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	557.000	924.000	554.500	930.000	542.900	1010.000	537.900	1011.000	537.800	1109.000
GR	547.500	1110.000	548.000	1140.000	551.300	1224.000	555.000	1250.000	0.000	0.000

X1	180350.000	12.000	1000.000	1080.000	50.000	50.000	50.000	0.000	0.200	0.000
GR	557.000	924.000	533.600	990.000	532.500	1000.000	528.600	1017.000	528.500	1037.000
GR	528.200	1047.000	527.600	1057.000	528.100	1069.000	533.300	1080.000	534.800	1124.000
GR	551.300	1224.000	555.000	1250.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	181000.000	13.000	1050.000	1100.000	650.000	650.000	650.000	0.000	-1.600	0.000
GR	560.000	820.000	550.000	890.000	540.000	960.000	538.000	1000.000	536.000	1050.000
GR	530.000	1060.000	530.000	1090.000	536.000	1100.000	536.000	1150.000	538.000	1210.000
GR	540.000	1270.000	550.000	1310.000	560.000	1380.000	0.000	0.000	0.000	0.000
QT	5.000	3750.000	6500.000	8100.000	12800.000	8100.000	0.000	0.000	0.000	0.000

X1	182280.000	0.000	0.000	0.000	1280.000	1280.000	1280.000	0.000	1.000	0.000
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X1	183080.000	0.000	0.000	0.000	800.000	800.000	800.000	0.000	1.000	0.000
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X1	186440.000	12.000	1000.000	1039.000	3360.000	3360.000	3360.000	0.000	0.000	0.000
GR	570.000	725.000	560.000	830.000	550.000	875.000	540.000	980.000	540.000	1000.000
GR	535.000	1008.000	535.000	1026.000	540.000	1039.000	540.000	1230.000	550.000	1290.000
GR	560.000	1360.000	570.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	3640.000	6350.000	7950.000	12650.000	7800.000	0.000	0.000	0.000	0.000

OE-45 VALLEY

X1	189090.000	15.000	1000.000	1039.000	2650.000	2650.000	2650.000	0.000	0.000	0.000
GR	564.600	648.000	562.500	748.000	559.000	848.000	545.300	948.000	544.700	1000.000
GR	538.800	1008.000	538.300	1010.000	538.400	1020.000	538.600	1026.000	543.200	1059.000
GR	543.300	1048.000	548.200	1060.000	550.300	1248.000	561.400	1348.000	564.600	1358.000
QT	5.000	3530.000	6200.000	7800.000	12500.000	7800.000	0.000	0.000	0.000	0.000

X1	189200.000	13.000	1000.000	1039.000	110.000	110.000	110.000	0.000	0.600	0.000
GR	565.000	800.000	545.300	948.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	543.200	1039.000	543.300	1048.000	548.200	1060.000
GR	549.300	1163.000	561.500	1270.000	565.000	1280.000	0.000	0.000	0.000	0.000

PREPARED BY: M. S. ...



X1	189300.000	15.000	1000.000	1039.000	100.000	100.000	100.000	0.000	1.100	0.000
GR	565.000	800.000	545.300	948.000	544.700	1000.000	538.800	1008.000	538.300	1010.000
GR	538.400	1020.000	538.600	1026.000	543.200	1039.000	543.300	1048.000	548.200	1060.000
GR	548.400	1085.000	561.500	1190.000	565.000	1200.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.600	0.800	0.000	0.000	0.000	0.000	0.000

X1	189430.000	15.000	1000.000	1039.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	574.300	840.000	559.600	901.000	551.500	905.000	546.900	948.000	546.300	1000.000
GR	540.400	1008.000	539.900	1010.000	540.000	1020.000	540.200	1026.000	544.800	1039.000
GR	544.900	1048.000	551.200	1064.000	558.500	1086.000	572.200	1107.000	576.100	1124.000
SB	0.000	1.600	3.000	0.000	0.100	0.090	1.000	0.000	540.000	539.900

OE-45A DAM

X1	189450.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.100	0.000
X2	0.000	0.000	1.000	551.700	551.800	0.000	0.000	0.000	0.000	0.000
BT	11.000	840.000	574.300	0.000	901.000	559.600	0.000	903.000	555.000	0.000
BT	910.000	554.700	0.000	940.000	551.800	0.000	995.000	553.700	0.000	1040.000
BT	555.000	0.000	1065.000	556.900	0.000	1086.000	558.500	0.000	1107.000	572.200
BT	0.000	1124.000	576.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	189470.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.100	0.000
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X1	189480.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
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X1	189490.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
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X1	189500.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	189525.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
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X1	189550.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
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X1	189575.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
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X1	189600.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.100	0.000
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X1	189500.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.900	0.000
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X1	190000.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.900	0.000
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X1	190500.000	0.000	0.000	0.000	500.000	500.000	500.000	0.000	2.600	0.000
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OE-46 VALLEY

X1	191000.000	15.000	1000.000	1065.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	573.700	874.000	557.300	947.000	555.600	974.000	554.900	1000.000	552.200	1002.000
GR	548.000	1012.000	547.900	1022.000	547.400	1032.000	547.200	1042.000	548.900	1052.000
GR	551.800	1063.000	556.200	1065.000	556.800	1080.000	568.500	1115.000	574.300	1130.000

STEFIELD'S Secure Business Forms, Inc. N

X1 191100.000 0.000 0.000 0.000 100.000 100.000 100.000 0.000 0.100 0.000

X1 191200.000 0.000 0.000 0.000 100.000 100.000 100.000 0.000 0.100 0.000  
QT 5.000 3200.000 5700.000 7200.000 11800.000 7200.000 0.000 0.000 0.000 0.000

X1 192000.000 0.000 0.000 0.000 800.000 800.000 800.000 0.000 0.800 0.000

X1 193000.000 0.000 0.000 0.000 1000.000 1000.000 1000.000 0.000 1.000 0.000

OE-47 VALLEY

X1 197000.000 11.000 1000.000 1046.000 4000.000 4000.000 4000.000 0.000 0.000 0.000  
GR 583.000 852.000 563.100 952.000 562.300 1000.000 555.600 1007.000 554.600 1017.000  
GR 553.900 1027.000 554.800 1037.000 563.900 1046.000 564.200 1052.000 575.100 1152.000  
GR 588.200 1252.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

X1 199480.000 13.000 1000.000 1044.000 2480.000 2480.000 2480.000 0.000 0.000 0.000  
GR 590.000 750.000 580.000 865.000 570.000 930.000 565.700 956.000 564.600 1000.000  
GR 556.800 1008.000 556.400 1018.000 556.400 1039.000 561.300 1044.000 566.800 1061.000  
GR 570.000 1100.000 580.000 1170.000 590.000 1450.000 0.000 0.000 0.000 0.000  
NC 0.000 0.000 0.000 0.300 0.500 0.000 0.000 0.000 0.000 0.000

X1 199585.000 15.000 960.000 1079.000 105.000 105.000 105.000 0.000 0.000 0.000  
X3 10.000 0.000 0.000 0.000 0.000 0.000 0.000 575.700 574.400 0.000  
GR 590.000 750.000 580.000 865.000 570.000 930.000 565.500 960.000 564.600 1000.000  
GR 556.800 1008.000 556.400 1018.000 556.400 1039.000 561.300 1044.000 566.800 1061.000  
GR 566.800 1078.000 568.300 1079.000 570.000 1100.000 580.000 1170.000 590.000 1450.000  
SB 1.250 1.600 2.800 0.000 29.000 5.600 1155.000 2.620 556.500 556.400

OE-48 SR 1336

X1 199615.000 0.000 0.000 0.000 50.000 50.000 50.000 0.000 0.100 0.000  
X2 0.000 0.000 1.000 575.500 574.600 0.000 0.000 0.000 0.000 0.000  
X3 10.000 0.000 0.000 0.000 0.000 0.000 0.000 574.500 575.200 0.000  
BT 8.000 756.000 584.700 0.000 841.000 580.100 0.000 845.000 579.000 0.000  
BT 904.000 576.100 0.000 960.000 574.600 0.000 1079.000 575.200 0.000 1095.000  
BT 575.300 0.000 1120.000 583.400 0.000 0.000 0.000 0.000 0.000 0.000

X1 199700.000 12.000 1000.000 1039.000 85.000 85.000 85.000 0.000 -1.700 0.000  
GR 586.500 756.000 581.900 841.000 577.700 856.000 567.700 915.000 567.200 956.000  
GR 566.600 1000.000 558.800 1008.000 558.400 1018.000 558.400 1039.000 563.300 1044.000  
GR 568.800 1056.000 585.200 1120.000 0.000 0.000 0.000 0.000 0.000 0.000  
NC 0.000 0.000 0.000 0.100 0.500 0.000 0.000 0.000 0.000 0.000

OE-49 VALLEY

X1 199980.000 0.000 0.000 0.000 280.000 280.000 280.000 0.000 1.700 0.000

OE-50 VALLEY

X1 201320.000 12.000 1000.000 1044.000 1340.000 1340.000 1340.000 0.000 0.000 0.000  
GR 590.200 932.000 569.200 982.000 568.900 1000.000 561.200 1004.000 561.000 1014.000  
GR 559.700 1024.000 560.200 1034.000 561.800 1039.000 566.700 1044.000 570.400 1132.000  
GR 573.600 1232.000 589.000 1332.000 0.000 0.000 0.000 0.000 0.000 0.000

FILED 1003 AMM BURTONS FARM, IN

XI 201950.000 0.000 0.000 0.000 630.000 630.000 630.000 0.000 1.300 0.000  
 EJ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

\*PROF 1

CCHV= 0.100 CEHV= 0.300

\*SECNO 82850.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSIA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	JDC	ICONT	CORAR	TOPWID	ENDST	

OE-1 VALLEY

82850.00	18.95	368.15	0.00	368.15	368.85	0.70	0.00	0.00	356.50	
13700.	1651.	10305.	1744.	675.	1349.	776.	0.	0.	357.10	
0.00	2.44	7.64	2.25	0.100	0.050	0.100	0.000	349.20	909.52	
0.001587	0.	0.	0.	0	0	0	0.00	277.26	1186.78	

FLOW DISTRIBUTION FOR SECNO= 82850.00 CWSEL= 368.15

STA=	910.	951.	957.	1000.	1075.	1083.	1157.	1187.
PER Q=	2.0	1.0	9.0	75.2	1.5	10.1	1.1	
AREA=	179.4	52.8	442.9	1349.2	78.4	588.3	109.4	
VEL=	1.5	2.5	2.8	7.6	2.6	2.4	1.4	

\*SECNO 85150.000

OE-2 VALLEY

85150.00	19.59	371.59	0.00	0.00	372.26	0.67	3.40	0.00	361.80	
13700.	2737.	10680.	284.	1234.	1458.	160.	149.	14.	358.60	
0.10	2.22	7.33	1.77	0.100	0.050	0.100	0.050	352.00	832.33	
0.001383	2300.	2300.	2300.	2	0	0	0.00	271.28	1103.61	

FLOW DISTRIBUTION FOR SECNO= 85150.00 CWSEL= 371.59

STA=	832.	881.	929.	1000.	1079.	1104.
PER Q=	1.7	6.4	11.9	78.0	2.1	
AREA=	179.9	390.9	663.4	1457.9	159.9	
VEL=	1.3	2.2	2.5	7.3	1.8	

\*SECNO 87180.000

OE-3 VALLEY

87180.00	16.61	374.91	0.00	0.00	375.77	0.86	3.45	0.06	363.10	
13600.	509.	10786.	2304.	233.	1302.	955.	274.	26.	364.70	
0.18	2.18	8.28	2.41	0.100	0.050	0.100	0.050	358.30	960.50	
0.002144	2030.	2030.	2030.	2	0	0	0.00	292.82	1253.32	

FLOW DISTRIBUTION FOR SECNO= 87180.00 CWSEL= 374.91

STA=	961.	1000.	1083.	1108.	1208.	1253.
PER Q=	3.7	79.3	5.4	10.9	0.7	
AREA=	233.2	1302.3	237.7	630.7	86.3	
VEL=	2.2	8.3	3.1	2.3	1.1	

\*SECNO 89080.000

SPEED/LOC Moore Business Forms, Inc. N  
 2000

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01,02  
 MODIFICATION - 50,51,52,53  
 \*\*\*\*\*

T1 ORANGE COUNTY FIA STUDY  
 T2 ENO RIVER  
 T3 100 YEAR FLOODWAY PROFILE JUNE 78 HLJ

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	-10.	6.	0.	0.	0.000000	0.00	0.0	0.	369.150	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

\*PROF 2

CCHV= 0.100 CEHV= 0.300

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	ULOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRDB	XLN	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 960.0 1140.0 TYPE= 1 TARGET= 180.000

UE-1 VALLEY

82850.00	19.95	369.15	0.00	368.15	369.93	0.78	0.00	0.00	356.50
13700.	1156.	11108.	1456.	456.	1424.	604.	0.	0.	357.10
0.00	2.54	7.80	2.38	0.100	0.050	0.100	0.000	349.20	960.00
0.001539	0.	0.	0.	0	0	0	0.00	180.00	1140.00

FLOW DISTRIBUTION FOR SECNO= 82850.00 CWSEL= 369.15

STA=	960.	1000.	1075.	1085.	1140.
PER Q=	8.4	81.1	1.7	8.7	
AREA=	455.8	1424.2	86.4	518.0	
VEL=	2.5	7.8	2.8	2.5	

\*SECNO 85150.000

3470 ENCROACHMENT STATIONS= 910.0 1090.0 TYPE= 1 TARGET= 180.000

UE-2 VALLEY

85150.00	20.50	372.50	0.00	371.59	373.21	0.71	5.27	0.01	361.80
13700.	2189.	11298.	213.	908.	1529.	121.	133.	10.	358.60
0.10	2.41	7.39	1.76	0.100	0.050	0.100	0.050	352.00	910.00
0.001319	2300.	2300.	2300.	2	0	0	0.00	180.00	1090.00

FLOW DISTRIBUTION FOR SECNO= 85150.00 CWSEL= 372.50

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01,02  
 MODIFICATION - 50,51,52,53  
 \*\*\*\*\*

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

EAR NATURAL PROFILE

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	Q
82850.000	368.15	368.85	0.00	349.20	15.87	13700.00
82850.000	369.15	369.93	0.00	349.20	15.39	13700.00
85150.000	371.59	372.26	0.00	352.00	13.83	13700.00
85150.000	372.50	373.21	0.00	352.00	13.19	13700.00
87180.000	374.91	375.77	0.00	358.30	21.44	13600.00
87180.000	375.61	376.45	0.00	358.30	19.17	13600.00
89080.000	379.70	380.53	0.00	365.50	29.61	13600.00
89080.000	380.06	380.97	0.00	365.50	30.02	13600.00
91330.000	386.75	388.08	0.00	371.90	36.74	13600.00
91330.000	387.49	389.12	0.00	371.90	41.99	13600.00
92830.000	391.86	393.00	0.00	376.10	29.21	13500.00
92830.000	392.91	394.13	0.00	376.10	26.80	13500.00
97480.000	402.45	403.34	0.00	381.90	17.40	13450.00
97480.000	403.16	404.16	0.00	381.90	17.63	13450.00
99100.000	404.93	405.47	0.00	383.40	10.04	13450.00
99100.000	405.70	406.30	0.00	383.40	9.89	13450.00
99340.000	405.36	405.70	0.00	383.70	7.76	13450.00
99340.000	406.21	406.52	0.00	383.70	6.93	13450.00
99380.000	405.40	405.73	409.50	383.70	7.25	13450.00
99380.000	406.20	406.52	409.50	383.70	6.06	13450.00
99450.000	405.24	405.89	0.00	383.90	11.50	13450.00
99450.000	405.98	406.71	0.00	383.90	11.48	13450.00
99540.000	405.68	405.99	0.00	384.10	4.83	13450.00
99540.000	406.46	406.81	0.00	384.10	4.85	13450.00
99570.000	406.05	406.30	390.00	384.50	4.95	13450.00
99570.000	406.83	407.12	0.00	384.50	5.45	13450.00

SECRETION MODEL SYSTEMS, INC.

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	Q
99850.000	406.18	406.45	0.00	384.70	5.05	13450.00
99850.000	406.97	407.28	0.00	384.70	5.60	13450.00
100500.000	406.47	406.95	0.00	385.00	9.61	12900.00
100500.000	407.28	407.80	0.00	385.00	9.29	12900.00
103200.000	409.02	409.57	0.00	386.10	9.65	12900.00
103200.000	409.93	410.51	0.00	386.10	10.76	12900.00
106620.000	412.68	413.13	0.00	389.90	11.20	12900.00
106620.000	413.66	414.12	0.00	389.90	10.26	12900.00
110330.000	415.82	416.12	0.00	395.30	5.95	12500.00
110330.000	416.63	416.95	0.00	395.30	5.81	12500.00
114880.000	421.21	422.70	0.00	410.40	58.39	12500.00
114880.000	421.75	423.06	0.00	410.40	47.72	12500.00
116520.000	427.28	427.87	0.00	414.00	19.14	12500.00
116520.000	427.23	427.80	0.00	414.00	18.92	12500.00
118000.000	431.21	433.16	0.00	419.80	73.10	11900.00
118000.000	431.13	433.11	0.00	419.80	75.02	11900.00
119720.000	441.33	442.69	0.00	428.30	42.97	11900.00
119720.000	441.35	442.71	0.00	428.30	42.62	11900.00
128830.000	465.87	466.70	0.00	445.30	17.65	11740.00
128830.000	466.19	467.10	0.00	445.30	18.22	11740.00
130450.000	468.80	469.31	0.00	449.90	14.42	11740.00
130450.000	469.27	470.00	0.00	449.90	17.43	11740.00
132000.000	471.47	472.51	0.00	454.30	28.60	11580.00
132000.000	472.28	473.25	0.00	454.30	24.54	11580.00
133730.000	476.44	477.62	0.00	459.30	29.97	11580.00
133730.000	476.70	477.82	0.00	459.30	27.97	11580.00
134820.000	479.59	480.34	0.00	462.30	20.41	11580.00
134820.000	479.69	480.52	0.00	462.30	21.58	11580.00
137040.000	484.75	485.66	0.00	468.80	28.07	11400.00
137040.000	485.14	486.24	0.00	468.80	30.43	11400.00
137295.000	485.79	486.28	0.00	469.30	13.96	11400.00
137295.000	486.49	486.92	0.00	469.30	12.69	11400.00
137325.000	485.87	486.35	488.70	469.40	13.98	11400.00
137325.000	486.57	487.00	488.70	469.40	11.51	11400.00
137400.000	485.90	486.56	0.00	469.10	19.97	11400.00
137400.000	486.47	487.32	0.00	469.10	22.10	11400.00
138460.000	487.71	488.28	0.00	468.50	13.12	10800.00
138460.000	488.47	489.25	0.00	468.50	15.00	10800.00

SPEED/LOG® Moore Business Forms, Inc. N

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	Q
142600.000	494.35	495.09	0.00	478.70	20.85	10800.00
142600.000	495.48	496.31	0.00	478.70	19.45	10800.00
142830.000	495.19	495.49	0.00	479.60	9.64	10800.00
142830.000	496.44	496.68	0.00	479.60	7.06	10800.00
142870.000	495.26	495.56	524.00	479.60	9.43	10800.00
142870.000	495.96	496.68	524.00	479.60	7.62	10800.00
142970.000	495.21	495.79	0.00	478.60	15.65	10800.00
142970.000	496.30	496.93	0.00	478.60	14.26	10800.00
143100.000	495.53	495.98	0.00	477.70	11.13	10800.00
143100.000	496.63	497.10	0.00	477.70	10.15	10800.00
143700.000	496.35	497.10	0.00	478.00	30.09	10800.00
143700.000	497.41	498.03	0.00	478.00	23.44	10800.00
144500.000	497.96	498.65	0.00	478.60	13.33	10800.00
144500.000	498.84	499.58	0.00	478.60	15.52	10800.00
145110.000	498.87	499.38	0.00	478.70	10.32	10800.00
145110.000	499.79	500.34	0.00	478.70	9.88	10800.00
145650.000	499.50	499.86	0.00	479.00	8.07	10800.00
145650.000	500.44	500.79	0.00	479.00	7.11	10800.00
146800.000	500.30	500.65	0.00	479.60	8.04	10400.00
146800.000	501.15	501.52	0.00	479.60	7.51	10400.00
147630.000	500.98	501.30	0.00	480.00	7.55	10400.00
147630.000	501.79	502.13	0.00	480.00	7.17	10400.00
149350.000	502.12	502.29	0.00	480.80	4.61	10400.00
149350.000	502.90	503.08	0.00	480.80	4.43	10400.00
150700.000	502.63	502.72	0.00	481.40	2.95	10400.00
150700.000	503.40	503.50	0.00	481.40	2.91	10400.00
151850.000	502.95	503.04	0.00	482.00	3.28	10400.00
151850.000	503.71	503.82	0.00	482.00	3.23	10400.00
152930.000	503.33	503.69	0.00	482.50	10.00	10400.00
152930.000	504.07	504.47	0.00	482.50	9.89	10400.00
157880.000	507.20	507.57	0.00	486.50	9.61	10300.00
157880.000	508.13	508.49	0.00	486.50	10.76	10300.00
158560.000	507.87	508.60	0.00	488.50	20.66	10300.00
158560.000	508.79	509.59	0.00	488.50	19.75	10300.00
158680.000	508.65	508.90	0.00	488.50	7.89	10300.00
158680.000	509.69	509.89	0.00	488.50	5.98	10300.00
158720.000	508.70	508.95	537.20	488.50	7.77	10300.00
158720.000	509.40	509.89	537.20	488.50	6.33	10300.00

STEDTLER Moore Business Forms, Inc.

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	Q
158800.000	508.60	509.23	0.00	488.60	17.57	10300.00
158800.000	509.52	510.21	0.00	488.60	16.80	10300.00
158935.000	509.33	509.48	0.00	489.00	3.78	10300.00
158935.000	510.33	510.46	0.00	489.00	3.09	10300.00
158965.000	509.35	509.48	517.70	489.00	3.00	10300.00
158965.000	510.05	510.46	517.70	489.00	2.54	10300.00
159020.000	509.30	509.50	0.00	489.00	8.05	10300.00
159020.000	510.28	510.57	0.00	489.00	7.54	10300.00
159090.000	509.36	509.63	0.00	489.00	7.93	10300.00
159090.000	510.33	510.63	0.00	489.00	7.44	10300.00
161900.000	512.08	512.66	0.00	491.90	14.44	10130.00
161900.000	512.89	513.50	0.00	491.90	13.83	10130.00
162060.000	512.34	512.85	0.00	490.50	9.83	10130.00
162060.000	513.24	513.70	0.00	490.50	9.71	10130.00
162080.000	512.34	512.85	519.70	490.50	9.25	10130.00
162080.000	513.04	513.70	519.70	490.50	8.11	10130.00
162200.000	512.49	513.00	0.00	492.20	15.62	10130.00
162200.000	513.31	513.86	0.00	492.20	15.09	10130.00
162500.000	512.98	513.45	0.00	492.40	14.41	10130.00
162500.000	513.78	514.30	0.00	492.40	13.98	10130.00
164270.000	514.67	515.03	0.00	493.40	7.87	10130.00
164270.000	515.43	515.83	0.00	493.40	7.59	10130.00
165400.000	515.52	515.88	0.00	494.10	7.13	10130.00
165400.000	516.26	516.66	0.00	494.10	7.04	10130.00
165580.000	515.69	516.00	0.00	494.50	6.04	10130.00
165580.000	516.43	516.78	0.00	494.50	5.97	10130.00
165620.000	516.06	516.27	514.60	494.50	4.43	10130.00
165620.000	516.80	517.03	0.00	494.50	4.41	10130.00
165730.000	516.10	516.32	0.00	494.30	4.52	10130.00
165730.000	516.84	517.08	0.00	494.30	4.50	10130.00
166000.000	516.22	516.45	0.00	494.70	4.87	10130.00
166000.000	516.96	517.22	0.00	494.70	4.85	10130.00
167210.000	516.80	517.57	0.00	496.50	15.49	9900.00
167210.000	517.47	518.38	0.00	496.50	15.99	9900.00
171000.000	520.65	520.89	0.00	500.50	5.46	9900.00
171000.000	521.43	521.69	0.00	500.50	5.31	9900.00
171205.000	520.76	520.99	0.00	499.70	4.39	9900.00
171205.000	521.58	521.79	0.00	499.70	4.38	9900.00

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SECNO	CWSEL	EG	ELLC	ELMIN	10K*8	Q
171235.000	520.81	521.10	527.30	499.70	6.55	9900.00
171235.000	521.61	521.87	527.30	499.70	5.60	9900.00
171300.000	520.78	521.18	0.00	500.80	7.77	9900.00
171300.000	521.55	521.97	0.00	500.80	9.11	9900.00
171550.000	520.98	521.41	0.00	503.10	9.77	9900.00
171550.000	521.73	522.23	0.00	503.10	10.11	9900.00
171600.000	521.03	521.46	0.00	503.20	9.90	9900.00
171600.000	521.77	522.29	0.00	503.20	10.24	9900.00
171650.000	522.94	523.61	514.00	504.50	14.69	9900.00
171650.000	523.69	524.47	0.00	504.50	14.97	9900.00
171825.000	523.31	523.87	0.00	505.00	13.19	9900.00
171825.000	524.08	524.73	0.00	505.00	13.29	9900.00
172000.000	523.54	524.10	0.00	505.20	13.03	9900.00
172000.000	524.32	524.96	0.00	505.20	13.11	9900.00
172900.000	524.77	525.19	0.00	506.40	11.03	8800.00
172900.000	525.58	526.06	0.00	506.40	11.01	8800.00
173050.000	524.89	525.44	0.00	506.60	13.38	8800.00
173050.000	525.70	526.32	0.00	506.60	14.84	8800.00
173070.000	524.92	525.47	0.00	506.60	13.29	8800.00
173070.000	525.73	526.35	0.00	506.60	14.75	8800.00
173200.000	525.25	525.66	0.00	506.80	10.78	8800.00
173200.000	526.09	526.56	0.00	506.80	10.66	8800.00
173330.000	525.37	525.86	0.00	506.90	16.93	8800.00
173330.000	526.31	526.72	0.00	506.90	13.94	8800.00
173370.000	525.44	525.94	534.00	507.00	17.07	8800.00
173370.000	526.24	526.72	534.00	507.00	13.41	8800.00
173420.000	525.66	526.04	0.00	507.10	10.00	8800.00
173420.000	526.38	526.79	0.00	507.10	11.43	8800.00
173500.000	525.74	526.12	0.00	507.20	10.06	8800.00
173500.000	526.47	526.88	0.00	507.20	11.49	8800.00
173850.000	526.09	526.49	0.00	507.80	10.80	8800.00
173850.000	526.86	527.30	0.00	507.80	12.16	8800.00
173920.000	526.08	526.74	0.00	507.90	17.16	8800.00
173920.000	526.83	527.60	0.00	507.90	17.32	8800.00
173970.000	526.02	527.08	0.00	508.00	24.24	8800.00
173970.000	526.76	527.98	0.00	508.00	29.17	8800.00
173990.000	526.07	527.13	0.00	508.10	24.57	8800.00
173990.000	526.82	528.05	0.00	508.10	29.53	8800.00

STEFLOD Meter Systems, Inc.

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	U
174050.000	526.84	527.44	0.00	508.10	14.78	8800.00
174050.000	527.75	528.40	0.00	508.10	14.14	8800.00
174340.000	527.13	527.72	0.00	508.30	14.45	8800.00
174340.000	528.03	528.67	0.00	508.30	13.89	8800.00
177530.000	530.93	531.34	0.00	511.00	9.08	8800.00
177530.000	531.75	532.23	0.00	511.00	9.09	8800.00
179320.000	533.29	534.34	0.00	519.20	33.50	8800.00
179320.000	534.04	535.24	0.00	519.20	32.99	8800.00
179420.000	533.99	534.61	0.00	520.30	16.34	8800.00
179420.000	534.83	535.54	0.00	520.30	18.50	8800.00
179600.000	534.39	534.97	0.00	521.80	22.97	8800.00
179600.000	535.45	535.92	0.00	521.80	16.84	8800.00
179640.000	534.50	535.10	548.00	522.00	23.90	8800.00
179640.000	535.20	535.92	548.00	522.00	18.92	8800.00
179700.000	534.50	535.43	0.00	522.70	29.31	8800.00
179700.000	535.31	536.33	0.00	522.70	34.49	8800.00
180000.000	535.43	536.75	0.00	525.20	49.85	8700.00
180000.000	536.40	537.68	0.00	525.20	49.14	8700.00
* 180300.000	544.09	547.17	0.00	537.80	223.94	8700.00
* 180300.000	544.07	547.17	0.00	537.80	230.00	8700.00
180350.000	548.75	548.95	0.00	527.80	3.74	8700.00
180350.000	548.71	548.96	0.00	527.80	4.35	8700.00
181000.000	549.09	549.18	0.00	528.40	2.88	8700.00
181000.000	549.10	549.22	0.00	528.40	3.33	8700.00
182280.000	549.48	549.58	0.00	530.00	3.36	8100.00
182280.000	549.55	549.67	0.00	530.00	3.79	8100.00
183080.000	549.76	549.87	0.00	531.00	4.04	8100.00
183080.000	549.87	550.01	0.00	531.00	4.63	8100.00
186440.000	551.38	551.49	0.00	535.00	5.81	8100.00
186440.000	551.70	551.84	0.00	535.00	6.50	8100.00
189090.000	553.75	554.22	0.00	538.30	20.81	7950.00
189090.000	554.23	554.78	0.00	538.30	21.07	7800.00
189200.000	553.89	554.53	0.00	538.90	26.92	7800.00
189200.000	554.33	555.13	0.00	538.90	29.37	7800.00
189300.000	554.01	554.93	0.00	539.40	36.83	7800.00
189300.000	554.41	555.58	0.00	539.40	40.60	7800.00
189430.000	554.48	555.49	0.00	539.90	39.20	7800.00
189430.000	554.94	556.14	0.00	539.90	41.19	7800.00

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SECNO	CWSEL	EG	ELLC	ELMIN	10K*8	Q
* 189450.000	559.71	560.05	551.70	540.00	9.35	7800.00
* 189450.000	560.17	560.55	0.00	540.00	9.77	7800.00
189470.000	559.73	560.07	0.00	540.10	9.54	7800.00
189470.000	560.19	560.58	0.00	540.10	9.96	7800.00
189480.000	559.74	560.08	0.00	540.10	9.52	7800.00
189480.000	560.20	560.59	0.00	540.10	9.94	7800.00
189490.000	559.75	560.09	0.00	540.10	9.49	7800.00
189490.000	560.21	560.60	0.00	540.10	9.92	7800.00
189500.000	559.76	560.11	0.00	540.20	9.69	7800.00
189500.000	560.22	560.61	0.00	540.20	10.12	7800.00
189525.000	559.78	560.13	0.00	540.30	9.87	7800.00
189525.000	560.24	560.64	0.00	540.30	10.31	7800.00
189550.000	559.80	560.16	0.00	540.40	10.06	7800.00
189550.000	560.26	560.67	0.00	540.40	10.50	7800.00
189575.000	559.82	560.19	0.00	540.50	10.25	7800.00
189575.000	560.29	560.70	0.00	540.50	10.70	7800.00
189600.000	559.85	560.21	0.00	540.60	10.44	7800.00
189600.000	560.31	560.73	0.00	540.60	10.90	7800.00
189800.000	560.04	560.46	0.00	541.50	12.42	7800.00
189800.000	560.50	560.98	0.00	541.50	12.96	7800.00
190000.000	560.27	560.74	0.00	542.40	14.77	7300.00
190000.000	560.74	561.29	0.00	542.40	15.52	7800.00
190500.000	561.05	561.75	0.00	545.00	24.59	7800.00
190500.000	561.52	562.36	0.00	545.00	26.17	7800.00
191000.000	562.19	562.99	0.00	547.20	23.78	7800.00
191000.000	562.80	563.73	0.00	547.20	27.28	7800.00
191100.000	562.45	563.22	0.00	547.30	22.65	7800.00
191100.000	563.11	563.99	0.00	547.30	25.80	7800.00
191200.000	562.70	563.44	0.00	547.40	21.73	7800.00
191200.000	563.40	564.25	0.00	547.40	24.57	7800.00
192000.000	564.35	564.88	0.00	548.20	14.47	7200.00
192000.000	565.27	565.84	0.00	548.20	15.66	7200.00
193000.000	565.77	566.25	0.00	549.20	12.92	7200.00
193000.000	566.69	567.23	0.00	549.20	12.27	7200.00
197000.000	571.76	572.36	0.00	553.90	18.12	7200.00
197000.000	572.49	573.19	0.00	553.90	18.18	7200.00
199480.000	575.32	575.72	0.00	556.40	10.37	7200.00
199480.000	576.09	576.53	0.00	556.40	10.21	7200.00

SPENTON Moore & Co. Inc.

SECNO	CWSEL	EG	ELLC	ELMIN	10K*8	U
199585.000	575.61	575.85	0.00	556.40	6.67	7200.00
199585.000	576.39	576.67	0.00	556.40	7.14	7200.00
199615.000	576.15	576.37	573.50	556.50	5.90	7200.00
199615.000	576.92	577.18	0.00	556.50	6.32	7200.00
199700.000	576.16	576.48	0.00	556.70	8.57	7200.00
199700.000	576.93	577.29	0.00	556.70	8.52	7200.00
199980.000	576.36	576.81	0.00	558.40	12.67	7200.00
199980.000	577.12	577.62	0.00	558.40	12.50	7200.00
201320.000	578.03	578.31	0.00	559.70	9.86	7200.00
201320.000	578.79	579.11	0.00	559.70	9.69	7200.00
201950.000	578.67	579.02	0.00	561.00	12.08	7200.00
201950.000	579.42	579.81	0.00	561.00	11.96	7200.00

STERILIZED AND DISINFECTED  
 BY THE U.S. DEPARTMENT OF AGRICULTURE  
 AND THE U.S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

EAR NATURAL PROFILE

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
82850.000	368.15	909.52	1000.00	1075.00	1186.78	277.26
82850.000	369.15	960.00	1000.00	1075.00	1140.00	180.00
85150.000	371.59	832.33	1000.00	1079.00	1103.61	271.28
85150.000	372.50	910.00	1000.00	1079.00	1090.00	180.00
87180.000	374.91	960.50	1000.00	1083.00	1253.32	292.82
87180.000	375.61	960.00	1000.00	1083.00	1175.00	215.00
89080.000	379.70	806.93	1000.00	1075.00	1260.02	453.09
89080.000	380.06	840.00	1000.00	1075.00	1175.00	335.00
91330.000	386.75	941.28	1000.00	1088.00	1159.15	217.87
91330.000	387.49	1000.00	1000.00	1088.00	1107.06	107.06
92830.000	391.86	948.44	1000.00	1093.00	1245.99	297.55
92830.000	392.91	985.00	1000.00	1093.00	1115.00	130.00
97480.000	402.45	798.38	1000.00	1064.00	1101.14	302.75
97480.000	403.16	907.82	1000.00	1064.00	1068.46	160.65
99100.000	404.93	754.86	1000.00	1065.00	1267.99	513.13
99100.000	405.70	947.53	1000.00	1065.00	1177.62	230.09
99340.000	405.36	930.00	930.00	1132.00	1132.00	202.00
99340.000	406.21	930.00	930.00	1132.00	1132.00	202.00
99380.000	405.40	930.00	930.00	1132.00	1132.00	202.00
99380.000	406.20	930.00	930.00	1132.00	1132.00	202.00
99450.000	405.24	903.82	1000.00	1065.00	1162.36	258.53
99450.000	405.96	948.25	1000.00	1065.00	1096.25	148.01
99540.000	405.68	946.76	1000.00	1116.00	1268.40	321.64
99540.000	406.46	981.51	1000.00	1116.00	1163.12	181.61
99570.000	406.05	933.66	970.00	1135.00	1263.43	329.76
99570.000	406.83	970.00	970.00	1135.00	1172.97	202.97
99850.000	406.18	869.58	1000.00	1170.00	1258.05	388.47
99850.000	406.97	983.36	1000.00	1170.00	1170.00	186.63
100500.000	406.47	829.99	1000.00	1100.00	1159.41	329.43
100500.000	407.28	938.84	1000.00	1100.00	1119.33	180.48
103200.000	409.02	817.20	1000.00	1084.00	1122.29	305.10
103200.000	409.93	930.06	1000.00	1084.00	1084.00	153.94
106620.000	412.68	853.31	1000.00	1053.00	1227.56	374.25
106620.000	413.66	940.00	1000.00	1053.00	1185.00	245.00
110330.000	415.82	414.85	1000.00	1098.00	1147.48	682.19
110330.000	416.63	635.93	1000.00	1098.00	1098.27	462.34

SILENT LOG - Acoustic Research Corp., Inc.

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
114880.000	421.21	981.28	1000.00	1108.00	1192.90	211.62
114880.000	421.75	981.00	1000.00	1108.00	1191.00	210.00
116520.000	427.28	752.48	1000.00	1100.00	1246.96	494.48
116520.000	427.23	800.00	1000.00	1100.00	1240.00	440.00
118000.000	431.21	965.64	1000.00	1084.00	1128.58	162.93
118000.000	431.13	966.00	1000.00	1084.00	1128.00	162.00
119720.000	441.33	959.91	1000.00	1084.00	1132.99	173.08
119720.000	441.35	959.82	1000.00	1084.00	1133.06	173.24
128830.000	465.87	963.49	1000.00	1052.00	1158.58	195.09
128830.000	466.19	990.00	1000.00	1052.00	1135.00	145.00
130450.000	468.80	673.86	1000.00	1054.00	1106.57	432.51
130450.000	469.27	885.00	1000.00	1054.00	1070.00	185.00
132000.000	471.47	915.42	1000.00	1058.00	1145.89	230.47
132000.000	472.28	965.00	1000.00	1058.00	1147.00	182.00
133730.000	476.44	910.70	1000.00	1060.00	1084.65	173.94
133730.000	476.70	910.00	1000.00	1060.00	1084.00	174.00
134820.000	479.59	922.44	1000.00	1066.00	1168.37	245.93
134820.000	479.69	970.00	1000.00	1066.00	1145.00	175.00
137040.000	484.75	910.99	1000.00	1068.00	1207.53	296.54
137040.000	485.14	962.68	1000.00	1068.00	1157.69	175.01
137295.000	485.79	970.00	970.00	1146.00	1146.00	176.00
137295.000	486.49	970.00	970.00	1146.00	1146.00	176.00
137325.000	485.87	970.00	970.00	1146.00	1146.00	176.00
137325.000	486.57	970.00	970.00	1146.00	1146.00	176.00
137400.000	485.90	854.12	1000.00	1068.00	1219.02	364.89
137400.000	486.47	950.00	1000.00	1068.00	1135.00	185.00
138460.000	487.71	659.92	1000.00	1068.00	1093.65	433.73
138460.000	488.47	940.00	1000.00	1068.00	1080.00	140.00
142600.000	494.35	912.65	1000.00	1077.00	1201.93	289.08
142600.000	495.48	980.00	1000.00	1077.00	1135.00	155.00
142850.000	495.19	920.00	920.00	1156.00	1156.00	236.00
142850.000	496.44	920.00	920.00	1156.00	1156.00	236.00
142870.000	495.26	920.00	920.00	1156.00	1156.00	236.00
142870.000	495.96	920.00	920.00	1156.00	1156.00	236.00
142970.000	495.21	906.09	1000.00	1077.00	1205.15	299.06
142970.000	496.30	970.66	1000.00	1077.00	1154.99	184.33
143100.000	495.53	897.46	1000.00	1077.00	1209.26	311.81
143100.000	496.63	959.55	1000.00	1077.00	1164.58	205.02

SPEE DIFLOD Moore Business Forms, Inc. 11

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
143700.000	496.35	899.27	1000.00	1076.00	1151.71	249.95
143700.000	497.41	935.00	1000.00	1076.00	1135.00	199.81
144500.000	497.96	912.29	1000.00	1074.00	1091.94	179.69
144500.000	498.84	967.09	1000.00	1074.00	1074.00	106.91
145110.000	498.87	914.54	1000.00	1072.00	1135.46	220.93
145110.000	499.79	951.86	1000.00	1072.00	1098.53	146.67
145650.000	499.50	617.57	1000.00	1071.00	1089.50	471.92
145650.000	500.44	835.00	1000.00	1071.00	1090.00	255.00
146800.000	500.30	675.79	1000.00	1068.00	1396.13	720.34
146800.000	501.15	852.11	1000.00	1068.00	1081.83	229.71
147630.000	500.98	908.56	1000.00	1066.00	1568.27	659.70
147630.000	501.79	997.02	1000.00	1066.00	1384.17	387.15
149550.000	502.12	535.46	1000.00	1066.00	1106.36	570.90
149550.000	502.90	716.30	1000.00	1066.00	1079.40	363.10
150700.000	502.65	781.59	1000.00	1066.00	1615.78	834.20
150700.000	503.40	904.07	1000.00	1066.00	1412.80	508.74
151850.000	502.95	439.38	1000.00	1066.00	1328.29	888.91
151850.000	503.71	632.19	1000.00	1066.00	1174.77	542.58
152930.000	503.33	452.03	1000.00	1057.00	1399.35	947.32
152930.000	504.07	649.83	1000.00	1057.00	1137.80	487.97
157880.000	507.20	547.06	1000.00	1061.00	1101.42	522.35
157880.000	508.13	727.95	1000.00	1061.00	1061.00	333.05
158560.000	507.87	815.83	1000.00	1043.00	1121.24	305.41
158560.000	508.79	915.14	1000.00	1043.00	1077.70	162.57
158680.000	508.65	876.00	876.00	1150.00	1122.95	246.95
158680.000	509.69	876.00	876.00	1150.00	1125.19	249.19
158720.000	508.70	876.00	876.00	1150.00	1123.06	247.06
158720.000	509.40	876.00	876.00	1150.00	1124.57	248.57
158800.000	508.60	808.54	1000.00	1043.00	1122.60	314.06
158800.000	509.52	914.00	1000.00	1043.00	1083.23	169.23
158935.000	509.33	800.00	800.00	1060.00	1060.00	260.00
158935.000	510.33	800.00	800.00	1060.00	1060.00	260.00
158965.000	509.35	800.00	800.00	1060.00	1060.00	260.00
158965.000	510.05	800.00	800.00	1060.00	1060.00	260.00
159020.000	509.30	753.87	962.00	1009.00	1079.69	325.81
159020.000	510.28	794.24	962.00	1009.00	1045.69	251.44
159090.000	509.36	753.72	962.00	1009.00	1079.87	326.15
159090.000	510.33	793.89	962.00	1009.00	1045.87	251.98

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
161900.000	512.08	943.76	1000.00	1040.00	1165.20	221.44
161900.000	512.89	970.00	1000.00	1040.00	1130.00	160.00
162060.000	512.34	950.00	950.00	1059.00	1059.00	109.00
162060.000	513.24	950.00	950.00	1059.00	1059.00	109.00
162080.000	512.34	950.00	950.00	1059.00	1059.00	109.00
162080.000	513.04	950.00	950.00	1059.00	1059.00	109.00
162200.000	512.49	794.92	1000.00	1033.00	1099.96	305.04
162200.000	513.31	843.51	1000.00	1033.00	1055.50	211.99
162500.000	512.98	793.27	1000.00	1033.00	1101.11	307.84
162500.000	513.78	842.02	1000.00	1033.00	1056.97	214.95
164270.000	514.67	719.98	1000.00	1060.00	1119.33	399.36
164270.000	515.43	916.65	1000.00	1060.00	1095.79	179.14
165400.000	515.52	855.16	1000.00	1075.00	1253.81	398.65
165400.000	516.26	966.04	1000.00	1075.00	1150.25	184.22
165580.000	515.69	851.93	1000.00	1087.00	1256.69	404.76
165580.000	516.43	966.37	1000.00	1087.00	1150.47	184.10
165620.000	516.06	724.19	1000.00	1087.00	1265.33	541.14
165620.000	516.80	878.35	1000.00	1087.00	1152.54	274.18
165730.000	516.10	722.95	1000.00	1079.00	1266.13	543.18
165730.000	516.84	874.68	1000.00	1079.00	1154.72	280.04
166000.000	516.22	729.72	1000.00	1079.00	1261.82	532.10
166000.000	516.96	881.74	1000.00	1079.00	1151.37	269.63
167210.000	516.80	927.87	1000.00	1067.00	1101.89	174.02
167210.000	517.47	976.80	1000.00	1067.00	1068.80	91.99
171000.000	520.65	871.51	1000.00	1070.00	1167.94	296.43
171000.000	521.43	918.80	1000.00	1070.00	1128.67	209.87
171205.000	520.76	950.00	950.00	1113.00	1113.00	163.00
171205.000	521.58	950.00	950.00	1113.00	1113.00	163.00
171235.000	520.81	950.00	950.00	1113.00	1109.92	159.92
171235.000	521.61	950.00	950.00	1113.00	1113.00	163.00
171300.000	520.78	915.28	1000.00	1071.00	1104.63	189.35
171300.000	521.55	945.67	1000.00	1071.00	1071.00	125.33
171550.000	520.98	872.57	1000.00	1060.00	1104.34	231.77
171550.000	521.73	932.56	1000.00	1060.00	1069.55	136.99
171600.000	521.03	872.93	1000.00	1060.00	1104.19	231.27
171600.000	521.77	932.90	1000.00	1060.00	1069.39	136.49
171650.000	522.94	911.28	1000.00	1070.00	1135.64	224.36
171650.000	523.69	973.14	1000.00	1070.00	1087.78	114.64



SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
171825.000	523.31	883.46	1000.00	1070.00	1169.70	286.24
171825.000	524.08	947.16	1000.00	1070.00	1093.75	146.59
172000.000	523.54	883.24	1000.00	1070.00	1170.22	286.98
172000.000	524.32	946.43	1000.00	1070.00	1094.39	147.97
172900.000	524.77	909.27	1000.00	1074.00	1255.68	346.41
172900.000	525.58	997.40	1000.00	1074.00	1175.52	178.12
173050.000	524.89	950.08	1000.00	1074.00	1259.40	279.62
173050.000	525.70	1000.00	1000.00	1074.00	1119.47	119.47
173070.000	524.92	950.08	1000.00	1074.00	1259.58	279.96
173070.000	525.75	1000.00	1000.00	1074.00	1119.52	119.52
173200.000	525.25	908.50	1000.00	1074.00	1256.49	347.98
173200.000	526.09	995.96	1000.00	1074.00	1176.28	180.32
173330.000	525.57	960.00	960.00	1107.00	1107.00	147.00
173330.000	526.51	960.00	960.00	1107.00	1107.00	147.00
173570.000	525.44	960.00	960.00	1107.00	1107.00	147.00
173570.000	526.24	960.00	960.00	1107.00	1107.00	147.00
173420.000	525.66	946.05	1000.00	1063.00	1283.96	337.91
173420.000	526.38	1000.00	1000.00	1063.00	1188.24	188.24
173500.000	525.74	946.24	1000.00	1063.00	1283.78	337.54
173500.000	526.47	1000.00	1000.00	1063.00	1187.89	187.89
173850.000	526.09	948.46	1000.00	1063.00	1281.74	333.28
173850.000	526.86	1000.00	1000.00	1063.00	1184.41	184.41
173920.000	526.08	952.72	1000.00	1058.00	1152.84	200.12
173920.000	526.63	989.19	1000.00	1058.00	1113.07	123.89
173970.000	526.02	981.00	1000.00	1058.00	1090.79	109.79
173970.000	526.76	1000.00	1000.00	1058.00	1066.61	66.61
173990.000	526.07	981.08	1000.00	1058.00	1090.75	109.65
173990.000	526.82	1000.00	1000.00	1058.00	1066.17	66.17
174050.000	526.84	950.66	1000.00	1058.00	1155.18	204.52
174050.000	527.75	986.45	1000.00	1058.00	1116.09	129.65
174340.000	527.13	950.55	1000.00	1058.00	1155.53	205.19
174340.000	528.03	986.19	1000.00	1058.00	1116.38	130.19
177530.000	530.93	887.06	1000.00	1070.00	1164.61	277.55
177530.000	531.75	970.21	1000.00	1070.00	1108.97	138.76
179320.000	533.29	897.80	1000.00	1057.00	1099.45	201.66
179320.000	534.04	956.54	1000.00	1057.00	1071.13	114.79
179420.000	533.99	899.89	990.00	1080.00	1098.96	199.07
179420.000	534.83	979.63	990.00	1080.00	1080.00	100.37

PHOTOLOGICAL SYSTEMS, INC.

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SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
179600.000	534.39	911.06	940.00	1108.00	1096.46	185.40
179600.000	535.45	940.00	940.00	1108.00	1098.87	158.87
179640.000	534.50	940.00	940.00	1108.00	1096.27	156.27
179640.000	535.20	940.00	940.00	1108.00	1097.85	157.85
179700.000	534.50	919.90	990.00	1080.00	1094.67	174.77
179700.000	535.31	990.00	990.00	1080.00	1080.00	90.00
180000.000	535.43	937.48	990.00	1080.00	1091.12	153.65
180000.000	536.40	990.00	990.00	1080.00	1080.00	90.00
* 180300.000	544.09	1001.82	1010.00	1110.00	1109.65	107.83
* 180300.000	544.07	1010.00	1010.00	1110.00	1109.65	99.65
180350.000	548.75	947.83	1000.00	1080.00	1207.34	259.52
180350.000	548.71	986.52	1000.00	1080.00	1145.63	159.11
181000.000	549.09	885.24	1050.00	1100.00	1314.76	429.53
181000.000	549.10	959.09	1050.00	1100.00	1267.05	307.95
182280.000	549.48	893.67	1050.00	1100.00	1507.90	414.24
182280.000	549.55	959.29	1050.00	1100.00	1262.27	502.96
183080.000	549.76	898.69	1050.00	1100.00	1305.04	406.35
183080.000	549.87	962.96	1050.00	1100.00	1259.19	296.23
186440.000	551.58	868.81	1000.00	1039.00	1299.63	430.82
186440.000	551.70	946.86	1000.00	1039.00	1236.61	289.75
189090.000	553.75	886.35	1000.00	1039.00	1279.04	392.69
189090.000	554.23	943.35	1000.00	1039.00	1191.24	247.89
189200.000	553.89	887.96	1000.00	1039.00	1198.02	310.06
189200.000	554.33	946.45	1000.00	1039.00	1128.86	182.41
189300.000	554.01	890.86	1000.00	1039.00	1121.11	230.25
189300.000	554.41	944.16	1000.00	1039.00	1063.77	119.60
189430.000	554.48	903.53	1000.00	1039.00	1073.84	170.36
189430.000	554.94	933.77	1000.00	1039.00	1050.19	116.42
* 189450.000	559.71	900.95	1000.00	1039.00	1087.71	186.76
* 189450.000	560.17	913.52	1000.00	1039.00	1062.04	148.52
189470.000	559.73	901.03	1000.00	1039.00	1087.58	186.54
189470.000	560.19	913.73	1000.00	1039.00	1061.82	148.09
189480.000	559.74	901.03	1000.00	1039.00	1087.59	186.56
189480.000	560.20	913.72	1000.00	1039.00	1061.83	148.11
189490.000	559.75	901.02	1000.00	1039.00	1087.61	186.59
189490.000	560.21	913.70	1000.00	1039.00	1061.85	148.16
189500.000	559.76	901.07	1000.00	1039.00	1087.47	186.40
189500.000	560.22	913.87	1000.00	1039.00	1061.65	147.78

REPORTING AND RECORDS DIVISION  
 AIR FORCE SYSTEMS CENTER  
 WRIGHT-PATTERSON AIR FORCE BASE  
 DAYTON, OHIO 45433-6151

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TUPWID
189525.000	559.78	901.11	1000.00	1039.00	1087.35	186.25
189525.000	560.24	914.02	1000.00	1039.00	1061.47	147.45
189550.000	559.80	901.15	1000.00	1039.00	1087.23	186.09
189550.000	560.26	914.21	1000.00	1039.00	1061.26	147.05
189575.000	559.82	901.18	1000.00	1039.00	1087.11	185.93
189575.000	560.29	914.40	1000.00	1039.00	1061.04	146.64
189600.000	559.85	901.22	1000.00	1039.00	1087.00	185.77
189600.000	560.31	914.60	1000.00	1039.00	1060.82	146.22
189800.000	560.04	901.57	1000.00	1039.00	1085.84	184.27
189800.000	560.50	916.38	1000.00	1039.00	1058.79	142.41
190000.000	560.27	901.91	1000.00	1039.00	1083.79	181.88
190000.000	560.74	918.49	1000.00	1039.00	1056.46	137.97
190500.000	561.05	902.80	1000.00	1039.00	1078.30	175.50
190500.000	561.52	925.72	1000.00	1039.00	1050.28	124.56
191000.000	562.19	925.25	1000.00	1065.00	1096.13	170.90
191000.000	562.80	973.37	1000.00	1065.00	1065.00	91.63
191100.000	562.45	924.50	1000.00	1065.00	1096.62	172.12
191100.000	563.11	971.11	1000.00	1065.00	1065.00	93.89
191200.000	562.70	923.88	1000.00	1065.00	1097.03	173.15
191200.000	563.40	969.80	1000.00	1065.00	1065.00	95.20
192000.000	564.35	920.05	1000.00	1065.00	1099.61	179.55
192000.000	565.27	959.04	1000.00	1065.00	1065.00	105.96
193000.000	565.77	918.21	1000.00	1065.00	1100.84	182.63
193000.000	566.69	955.94	1000.00	1065.00	1066.68	110.74
197000.000	571.76	908.49	1000.00	1046.00	1121.34	212.85
197000.000	572.49	951.50	1000.00	1046.00	1059.97	108.47
199480.000	575.32	895.40	1000.00	1044.00	1137.26	241.86
199480.000	576.09	943.00	1000.00	1044.00	1086.15	143.15
199585.000	575.61	893.54	960.00	1079.00	1139.27	245.73
199585.000	576.39	951.09	960.00	1079.00	1079.00	127.91
199615.000	576.15	890.69	960.00	1079.00	1142.33	251.64
199615.000	576.92	945.66	960.00	1079.00	1079.00	133.34
199700.000	576.16	855.44	1000.00	1039.00	1091.34	235.90
199700.000	576.93	904.73	1000.00	1039.00	1055.98	151.25
199980.000	576.36	863.64	1000.00	1039.00	1085.50	221.86
199980.000	577.12	912.19	1000.00	1039.00	1052.32	140.13
201320.000	578.03	960.98	1000.00	1044.00	1260.75	299.77
201320.000	578.79	991.24	1000.00	1044.00	1199.47	208.23

SECNO CWSL SSTA STCHL STCHR ENDST TOPWID

1950.000 578.67 962.54 1000.00 1044.00 1256.51 293.97  
201950.000 579.42 993.81 1000.00 1044.00 1191.59 197.78

SUMMARY OF ERRORS

CAUTION SECNO\*\*\*\*\* PROFILE=1 CRITICAL DEPTH ASSUMED  
CAUTION SECNO\*\*\*\*\* PROFILE=1 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO\*\*\*\*\* PROFILE=1 20 TRIALS ATTEMPTED TO BALANCE WSEL  
CAUTION SECNO\*\*\*\*\* PROFILE=2 CRITICAL DEPTH ASSUMED  
CAUTION SECNO\*\*\*\*\* PROFILE=2 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO\*\*\*\*\* PROFILE=2 20 TRIALS ATTEMPTED TO BALANCE WSEL  
CAUTION SECNO\*\*\*\*\* PROFILE=1 HYDRAULIC JUMP D.S.  
CAUTION SECNO\*\*\*\*\* PROFILE=2 HYDRAULIC JUMP D.S.

FLOODWAY DATA, EAR NATURAL PROFILE  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
82850.000	180.	2484.	5.5	369.1	368.1	1.0
85150.000	180.	2559.	5.4	372.5	371.6	0.9
87180.000	215.	2403.	5.7	375.6	374.9	0.7
89080.000	335.	2537.	5.4	380.1	379.7	0.4
91330.000	107.	1405.	9.7	387.4	386.7	0.7
92830.000	130.	1680.	8.0	392.9	391.9	1.0
97480.000	161.	2173.	6.2	403.2	402.5	0.7
99100.000	230.	3033.	4.4	405.7	404.9	0.8
<del>99340.000</del>	<del>202.</del>	<del>3016.</del>	<del>4.5</del>	<del>406.3</del>	<del>405.4</del>	<del>0.9</del>
<del>99380.000</del>	<del>202.</del>	<del>3062.</del>	<del>4.4</del>	<del>406.2</del>	<del>405.4</del>	<del>0.8</del>
99450.000	148.	2535.	5.3	405.9	405.2	0.7
99540.000	182.	3284.	4.1	406.5	405.7	0.8
<del>99570.000</del>	<del>203.</del>	<del>3347.</del>	<del>4.0</del>	<del>406.8</del>	<del>406.0</del>	<del>0.8</del>
<del>99650.000</del>	<del>187.</del>	<del>3155.</del>	<del>4.3</del>	<del>407.0</del>	<del>406.2</del>	<del>0.8</del>
100500.000	180.	2667.	4.0	407.3	406.5	0.8
103200.000	154.	2467.	5.2	409.9	409.0	0.9
106620.000	245.	3364.	3.8	413.7	412.7	1.0
110330.000	462.	3930.	3.2	416.6	415.8	0.8
114880.000	210.	1627.	7.7	421.7	421.2	0.5
116520.000	440.	5062.	4.1	427.3	427.3	0.0
118000.000	162.	1249.	9.5	431.2	431.2	0.0
119720.000	173.	1536.	7.7	441.3	441.3	0.0
128830.000	145.	2055.	5.7	466.2	465.9	0.3
130450.000	185.	2350.	5.0	469.3	468.8	0.5
132000.000	182.	1962.	5.9	472.3	471.5	0.8
133730.000	174.	1786.	6.5	476.7	476.4	0.3
134820.000	175.	2061.	5.6	479.7	479.6	0.1
137040.000	175.	1763.	6.5	485.2	484.8	0.4
<del>137245.000</del>	<del>176.</del>	<del>2164.</del>	<del>5.3</del>	<del>486.5</del>	<del>485.8</del>	<del>0.7</del>
<del>137325.000</del>	<del>176.</del>	<del>2183.</del>	<del>5.3</del>	<del>488.6</del>	<del>485.9</del>	<del>0.7</del>
137400.000	183.	2031.	5.6	488.5	485.9	0.6
138460.000	140.	1864.	5.8	488.5	487.7	0.8
<del>142600.000</del>	<del>155.</del>	<del>1814.</del>	<del>6.0</del>	<del>495.4</del>	<del>494.5</del>	<del>1.1</del>
142830.000	236.	2767.	3.9	496.5	495.2	1.3
<del>142870.000</del>	<del>236.</del>	<del>2653.</del>	<del>4.1</del>	<del>496.0</del>	<del>495.5</del>	<del>0.7</del>
<del>142970.000</del>	<del>184.</del>	<del>2175.</del>	<del>5.0</del>	<del>496.3</del>	<del>495.2</del>	<del>1.1</del>
143100.000	205.	2575.	4.2	496.6	495.5	1.1
<del>143700.000</del>	<del>206.</del>	<del>2113.</del>	<del>5.1</del>	<del>497.4</del>	<del>496.3</del>	<del>1.1</del>
144500.000	107.	1746.	6.2	498.9	498.0	0.9
145110.000	147.	2258.	4.8	499.8	498.9	0.9
145650.000	255.	3154.	3.4	500.4	499.5	0.9
146800.000	230.	2917.	3.6	501.2	500.3	0.9
147630.000	387.	3484.	3.0	501.8	501.0	0.8
149350.000	363.	4468.	2.3	502.9	502.1	0.8
150700.000	509.	6067.	1.7	503.4	502.6	0.8
151850.000	543.	5955.	1.7	503.7	502.9	0.8
152930.000	488.	3529.	2.9	504.0	503.3	0.7
157880.000	333.	3088.	3.3	508.1	507.2	0.9
158560.000	163.	1978.	5.2	508.8	507.9	0.9
<del>158680.000</del>	<del>249.</del>	<del>2857.</del>	<del>3.6</del>	<del>509.7</del>	<del>508.7</del>	<del>1.0</del>

FLOODWAY DATA, EAR NATURAL PROFILE  
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
158720.000	249.	2785.	3.7	509.4	508.7	0.7
158800.000	169.	2132.	4.8	509.5	508.6	0.9
158935.000	260.	3568.	2.4	510.3	509.3	1.0
158965.000	260.	3742.	2.8	510.0	509.3	0.7
159020.000	251.	3369.	3.1	510.3	509.3	1.0
159090.000	252.	3387.	3.0	510.4	509.4	1.0
161900.000	160.	2225.	4.6	512.9	512.1	0.8
162060.000	189.	1868.	5.4	513.2	512.3	0.9
162080.000	189.	1879.	5.4	513.0	512.3	0.7
162200.000	212.	2501.	4.1	513.3	512.5	0.8
162500.000	215.	2587.	3.9	513.8	513.0	0.8
164270.000	179.	2638.	3.8	515.5	514.7	0.8
165400.000	184.	2593.	3.9	516.2	515.5	0.7
165580.000	184.	2680.	3.8	516.4	515.7	0.7
165620.000	274.	3527.	2.7	516.8	516.1	0.7
165730.000	280.	3585.	2.8	516.8	516.1	0.7
166000.000	270.	3437.	2.9	516.9	516.2	0.7
167210.000	92.	1437.	6.9	517.5	516.8	0.7
171000.000	210.	3200.	3.1	521.4	520.6	0.8
171205.000	163.	2715.	3.6	521.6	520.8	0.8
171235.000	163.	2414.	4.1	521.6	520.8	0.8
171300.000	125.	2183.	4.5	521.6	520.8	0.8
171550.000	137.	2182.	4.5	521.7	521.0	0.7
171600.000	136.	2169.	4.6	521.7	521.0	0.7
171650.000	115.	1646.	6.0	523.6	522.9	0.7
171825.000	147.	1921.	5.2	524.1	523.3	0.8
172000.000	148.	1938.	5.1	524.3	523.5	0.8
172900.000	178.	2009.	4.4	525.6	524.8	0.8
173050.000	119.	1570.	5.6	525.7	524.9	0.8
173070.000	120.	1573.	5.6	525.7	524.9	0.8
173200.000	180.	2044.	4.3	526.0	525.2	0.8
173330.000	147.	1700.	5.2	526.3	525.4	0.9
173370.000	147.	1676.	5.3	526.2	525.4	0.8
173420.000	188.	2208.	4.0	526.4	525.7	0.7
173500.000	188.	2202.	4.0	526.4	525.7	0.7
173850.000	184.	2138.	4.1	526.9	526.1	0.8
173920.000	124.	1566.	5.6	526.9	526.1	0.8
173970.000	67.	1049.	6.4	526.7	526.0	0.7
173990.000	66.	1041.	6.5	526.9	526.1	0.8
174050.000	130.	1705.	5.2	527.7	526.8	0.9
174340.000	130.	1719.	5.1	528.0	527.1	0.9
177530.000	139.	1951.	4.5	531.7	530.9	0.8
179320.000	115.	1235.	7.1	534.1	533.3	0.8
179420.000	100.	1363.	6.5	534.8	534.0	0.8
179600.000	159.	1599.	5.5	535.5	534.4	1.1
179640.000	158.	1527.	5.8	535.2	534.5	0.7
179700.000	90.	1087.	8.1	535.3	534.5	0.8
180000.000	90.	981.	9.1	536.4	535.4	1.0
180300.000	100.	615.	14.1	544.1	544.1	0.0
180350.000	159.	2654.	3.3	548.8	548.8	0.0

FLOODWAY DATA, EAR NATURAL PROFILE  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
181000.000	500.	4500.	2.0	549.5	549.1	0.0
182200.000	505.	5965.	2.0	549.6	549.5	0.1
183000.000	296.	3695.	2.2	549.9	549.8	0.1
186440.000	290.	3477.	2.3	551.7	551.4	0.3
189090.000	248.	1975.	4.0	554.2	553.7	0.5
189200.000	182.	1551.	5.0	554.3	553.9	0.4
<del>189300.000</del>	<del>120.</del>	<del>1185.</del>	<del>6.6</del>	<del>554.4</del>	<del>554.0</del>	<del>0.4</del>
<del>189430.000</del>	<del>116.</del>	<del>1172.</del>	<del>6.7</del>	<del>555.0</del>	<del>554.5</del>	<del>0.5</del>
<del>189450.000</del>	<del>149.</del>	<del>2125.</del>	<del>3.7</del>	<del>560.2</del>	<del>559.7</del>	<del>0.5</del>
189470.000	148.	2109.	3.7	560.2	559.7	0.5
189480.000	148.	2111.	3.7	560.2	559.7	0.5
189490.000	148.	2113.	3.7	560.3	559.8	0.5
189500.000	148.	2096.	3.7	560.3	559.8	0.5
189525.000	147.	2081.	3.7	560.3	559.8	0.5
189550.000	147.	2066.	3.8	560.3	559.8	0.5
189575.000	147.	2051.	3.8	560.3	559.8	0.5
189600.000	146.	2036.	3.8	560.3	559.8	0.5
189800.000	142.	1899.	4.1	560.5	560.0	0.5
190000.000	138.	1764.	4.4	560.8	560.3	0.5
<del>190500.000</del>	<del>125.</del>	<del>1407.</del>	<del>5.5</del>	<del>561.5</del>	<del>561.0</del>	<del>0.5</del>
191000.000	92.	1103.	7.1	562.8	562.2	0.6
191100.000	94.	1139.	6.8	563.2	562.5	0.7
191200.000	95.	1166.	6.7	563.4	562.7	0.7
192000.000	106.	1355.	5.3	565.3	564.4	0.9
193000.000	111.	1439.	5.0	566.7	565.8	0.9
197000.000	108.	1339.	5.4	572.5	571.8	0.7
199480.000	143.	1832.	3.9	576.1	575.3	0.8
<del>199505.000</del>	<del>120.</del>	<del>1737.</del>	<del>4.1</del>	<del>576.4</del>	<del>575.6</del>	<del>0.8</del>
<del>199515.000</del>	<del>133.</del>	<del>1865.</del>	<del>3.9</del>	<del>576.9</del>	<del>576.1</del>	<del>0.8</del>
<del>199700.000</del>	<del>151.</del>	<del>2074.</del>	<del>3.3</del>	<del>577.0</del>	<del>576.2</del>	<del>0.8</del>
199980.000	140.	1748.	4.1	577.2	576.4	0.8
201320.000	208.	2247.	3.2	578.8	578.0	0.8
201950.000	198.	2037.	3.5	579.4	578.7	0.7