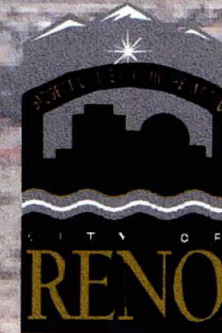


*Volume 3 of 4:
Proposed Conditions
Hydrologic Analysis (HEC-1)*

Drainage Master Plan for Stead, Nevada

Prepared for:



Prepared by:



Stantec

Stantec Consulting Inc.

950 Industrial Way
Sparks, Nevada 89431

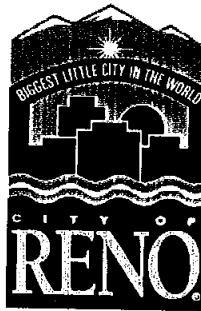
August 2000

Project No. 80100208



Drainage Master Plan Stead, Nevada

Prepared for:



Prepared by:



Stantec

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Appendices

APPENDIX 1 – Volume 2 (under a separate cover)

4. Existing Conditions Hydrologic Model Parameters (alphabetized by basin)
5. Existing Conditions 100-Year, 24-Hour Event HEC-1 Model
6. Existing Conditions 5-Year, 24-Hour Event HEC-1 Model

APPENDIX 2 – Volume 3

4. Proposed Conditions Hydrologic Model Parameters (alphabetized by basin)
5. Proposed Conditions 100-Year, 24-Hour Event HEC-1 Model
6. Proposed Conditions 5-Year, 24-Hour Event HEC-1 model

APPENDIX 3 – Volume 4 (under a separate cover)

9. Correspondence
10. Previous Studies
11. Existing Conditions Hydrologic and Hydraulic Backup Data (alphabetized by basin)
12. Proposed Conditions Hydrologic Backup Data (alphabetized by basin)
13. Proposed Conditions Hydraulic Backup Data
14. Quantities and Cost Estimates
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16. References

**Proposed Conditions HEC-1
Parameters**

1

**Proposed Conditions 100Year,
24Hour Event Model HEC-1
Model**

2

**Proposed Conditions 5Year,
24Hour Event HEC-1 Model**

3

1

**Proposed Conditions HEC-1
Parameters**

1

**Proposed Conditions 100Year,
24Hour Event Model HEC-1
Model**

2

**Proposed Conditions 5Year,
24Hour Event HEC-1 Model**

3

①

②

③

Summary of HEC-1 Parameters for Stead Master Drainage Plan

Basin	Area (mi ²)	CN	Lag (hr)
AW1	0.04	69	0.26
AW2	0.36	68	0.82
AW3	0.11	88	0.15
BER	0.59	74	0.66
ESB	0.39	89	0.23
FR1	13.01	75	2.22
FR2	6.84	74	1.64
GC1	0.25	80	0.36
GC2	0.18	82	0.44
GC3	0.12	87	0.23
GR1	0.58	74	0.32
GR2	0.10	78	0.37
GR3	0.11	82	0.35
GR4	0.39	75	0.35
GV1	3.13	77	1.24
GV2	0.58	74	0.53
GV3	0.34	84	0.52
HR1	0.09	81	0.23
HR2	0.03	86	0.12
HR3	0.10	85	0.20
LD1	0.33	84	0.49
LD2	0.21	75	0.38
LD3	0.50	76	0.80
LEA	0.14	91	0.52
LLK	3.34	89	0.32
LVL	0.29	88	0.64
LV1	0.85	75	0.46
LV2	7.02	70	1.63
LV3	2.50	75	0.96
LV4	5.22	74	1.41
LV5	2.56	70	1.53
MA1	0.41	79	0.72
MA2	0.06	86	0.17
MG1	0.18	86	0.25
ML1	1.06	84	1.16
ML2	0.48	81	0.58
ML3	0.17	82	0.49
MOY	1.17	86	1.24
NVD	0.15	85	0.34
NV1	0.06	89	0.15
PA1	0.41	68	0.40
PA2	0.25	71	0.28
PA3	0.10	78	0.25
PA4	0.02	89	0.10
PA5	0.005	90	0.06

Summary of HEC-1 Parameters for Stead Master Drainage Plan

Basin	Area (mi ²)	CN	Lag (hr)
PA6	0.01	91	0.08
PA7	0.02	81	0.23
PAT	1.02	71	0.98
PE1a	0.05	72	0.24
PE1b	0.11	72	0.30
PE2	0.35	73	0.62
PE3	0.09	78	0.30
PE4	1.85	79	0.93
PE5	2.53	68	1.51
PE6	0.10	73	0.19
PE7	0.99	74	0.49
PH1	0.11	82	0.35
PW1	0.42	71	0.59
PW2	0.23	71	0.48
PW3	1.02	71	0.92
PW4	1.55	68	0.87
PW5	0.90	67	1.19
PW6	1.21	67	1.11
PW7	1.25	70	1.31
RH1	0.69	84	0.35
RR1	4.23	79	1.64
RRI	0.02	86	0.14
RSD	0.02	88	0.17
SE1	0.08	90	0.25
SE2	0.09	92	0.17
SE3	0.05	90	0.22
SE4	0.01	86	0.18
SGP	0.26	87	0.44
SI1	0.04	88	0.14
SI2	0.01	80	0.12
SK1	1.60	76	0.87
SK2	2.40	81	1.35
SK3	7.81	80	1.58
SK4	6.25	77	1.34
SLE	0.13	88	0.29
SLK	1.32	93	0.30
SL1	0.02	88	0.10
SL2	0.04	90	0.23
SL3a	0.08	89	0.20
SL3b	0.05	90	0.21
SRS	0.03	91	0.21
SS1a	0.02	87	0.15
SS1b	0.01	90	0.06
SS2	0.10	90	0.25

Summary of HEC-1 Parameters for Stead Master Drainage Plan

Basin	Area (mi ²)	CN	Lag (hr)
SS3	0.36	89	0.39
ST1	0.02	88	0.32
ST2	0.40	89	0.51
ST3	0.53	87	0.82
SV3	0.28	85	0.59
SV4	0.11	83	0.22
SV5	0.03	91	0.04
SV6	0.32	84	0.47
SV7	0.07	79	0.29
TP1	0.05	90	0.18
TP2	0.10	88	0.20
UPR	0.14	92	0.42

Parameters for basins
SV3-SV7 from Sky Vista
Drainageway Master Plan
dated August 1994

Basin Areas

BASIN	ACRES	MILES sq
AW1	24.1	0.038
AW2	231.1	0.361
AW3	73.4	0.115
BER	378.5	0.591
ESB	247.0	0.386
FR1	8324.7	13.007
FR2	4375.7	6.837
GC1	160.1	0.250
GC2	116.4	0.182
GC3	79.7	0.125
GR1	372.4	0.582
GR2	61.9	0.097
GR3	72.2	0.113
GR4	247.4	0.387
GV1	2002.0	3.128
GV2	373.4	0.583
GV3	218.7	0.342
HR1	59.8	0.093
HR2	20.5	0.032
HR3	64.3	0.100
LD1	213.9	0.334
LD2	134.4	0.210
LD3	322.4	0.504
LEA	90.8	0.142
LLK	2137.9	3.340
LVL	186.8	0.292
LV1	542.9	0.848
LV2	4492.7	7.020
LV3	1598.9	2.498
LV4	3342.8	5.223
LV5	1641.0	2.564
MA1	265.5	0.415
MA2	38.3	0.060
MG1	112.5	0.176
ML1	676.1	1.056
ML2	308.3	0.482
ML3	109.8	0.172
MOY	749.2	1.171
NVD	97.2	0.152
NV1	38.9	0.061
PA1	264.1	0.413
PA2	161.8	0.253
PA3	64.1	0.100
PA4	14.9	0.023
PA5	3.1	0.005

Basin Areas

BASIN	ACRES	MILES sq
PA6	8.7	0.014
PA7	15.8	0.025
PAT	654.7	1.023
PE1a	33.4	0.052
PE1b	67.6	0.106
PE2	225.7	0.353
PE3	57.3	0.090
PE4	1186.6	1.854
PE5	1617.0	2.527
PE6	64.8	0.101
PE7	630.4	0.985
PH1	71.2	0.111
PW1	271.0	0.423
PW2	148.4	0.232
PW3	651.2	1.018
PW4	994.9	1.555
PW5	576.9	0.901
PW6	776.3	1.213
PW7	798.5	1.248
RH1	440.5	0.688
RR1	2705.0	4.227
RRI	10.9	0.017
RSD	15.8	0.025
SE1	54.0	0.084
SE2	55.4	0.087
SE3	32.4	0.051
SE4	6.4	0.010
SGP	165.5	0.259
SI1	27.4	0.043
SI2	8.2	0.013
SK1	1026.6	1.604
SK2	1534.1	2.397
SK3	4996.2	7.807
SK4	4000.6	6.251
SLE	85.3	0.133
SLK	845.9	1.322
SL1	15.5	0.024
SL2	26.7	0.042
SL3a	50.4	0.079
SL3b	34.0	0.053
SRS	21.3	0.033
SS1a	14.6	0.023
SS1b	4.5	0.007
SS2	63.1	0.099
SS3	229.4	0.358
ST1	13.9	0.022

Basin Areas

BASIN	ACRES	MILES sq
ST2	258.3	0.404
ST3	336.6	0.526
SV3	170.7	0.275
SV4	70.2	0.111
SV5	16.3	0.027
SV6	205.5	0.315
SV7	44.0	0.073
TP1	34.6	0.054
TP2	65.7	0.103
UPR	88	0.138
Total area =		96.47

10.0 GIS result

10.0 From 2 ft topo using Autocad

10.0 From Sky Vista Drainageway Master Plan

**Stead Master Plan Proposed Conditions
2-year precipitation cards (PH) for modified basins**

BASIN	5 min	15 min	1 hour	2 hour	3 hour	6 hour	12 hour	24 hour
<i>LD3</i>	0.15	0.27	0.45	0.62	0.75	1.01	1.26	1.50
<i>LVL</i>	0.15	0.27	0.46	0.62	0.75	1.01	1.27	1.52
<i>ML2</i>	0.16	0.28	0.47	0.65	0.78	1.05	1.32	1.58
<i>NVD</i>	0.15	0.28	0.47	0.64	0.77	1.04	1.30	1.56

**Stead Master Plan Proposed Conditions
100-year precipitation cards (PH) for modified basins**

BASIN	5 min	15 min	1 hour	2 hour	3 hour	6 hour	12 hour	24 hour
<i>LD3</i>	0.54	0.98	1.64	1.83	1.98	2.28	2.81	3.33
<i>LVL</i>	0.54	0.99	1.65	1.84	1.98	2.28	2.83	3.37
<i>ML2</i>	0.57	1.03	1.71	1.91	2.06	2.37	2.94	3.51
<i>NVD</i>	0.56	1.01	1.69	1.89	2.04	2.35	2.91	3.46

**Stead Master Plan Proposed Conditions
5-year precipitation cards (PH) for modified basins**

BASIN	5 min	15 min	1 hour	2 hour	3 hour	6 hour	12 hour	24 hour
<i>LD3</i>	0.20	0.37	0.62	0.82	0.98	1.31	1.62	1.92
<i>LVL</i>	0.20	0.37	0.62	0.83	0.98	1.31	1.63	1.95
<i>ML2</i>	0.21	0.39	0.64	0.86	1.02	1.37	1.69	2.02
<i>NVD</i>	0.21	0.38	0.64	0.85	1.01	1.35	1.67	2.00

Curve Numbers

BASIN	CN
AW1	69
AW2	68
AW3	88
BER	74
ESB	89
FR1	75
FR2	74
GC1	80
GC2	82
GC3	87
GR1	74
GR2	78
GR3	82
GR4	75
GV1	77
GV2	74
GV3	84
HR1	81
HR2	86
HR3	85
LD1	84
LD2	75
LD3	76
LEA	91
LLK	89
LVL	88
LV1	75
LV2	70
LV3	75
LV4	74
LV5	70
MA1	79
MA2	86
MG1	86
ML1	84
ML2	81
ML3	82
MOY	86
NVD	85
NV1	89
PA1	68
PA2	71
PA3	78
PA4	89
PA5	90

Curve Numbers

BASIN	CN
PA6	91
PA7	81
PAT	71
PE1a	72
PE1b	72
PE2	73
PE3	78
PE4	79
PE5	68
PE6	73
PE7	74
PH1	82
PW1	71
PW2	71
PW3	71
PW4	68
PW5	67
PW6	67
PW7	70
RH1	84
RR1	79
RRI	86
RSD	88
SE1	90
SE2	92
SE3	90
SE4	86
SGP	87
SI1	88
SI2	80
SK1	76
SK2	81
SK3	80
SK4	77
SLE	88
SLK	90
SL1	88
SL2	90
SL3a	89
SL3b	90
SRS	91
SS1a	87
SS1b	90
SS2	90
SS3	89
ST1	88

Curve Numbers

BASIN	CN
ST2	89
ST3	87
SV3	85
SV4	83
SV5	91
SV6	84
SV7	79
TP1	90
TP2	88
UPR	92

90 From Curve Number calculation sheet
90 From Sky Vista Drainageway Master Plan

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area				% Soil		Weighted	
			density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	group	CN	CN				
AW1	Public & semi public/fac	Sagebrush w/grass	5	40	56.0	68.3	74.7	2.8	2.8	3.4	3.7	A	0	0				
	General rural	Sagebrush w/grass	95	40	56.0	68.3	74.7	53.2	53.2	64.9	71.0	B	2	123				
AW2	Open space	Sagebrush w/grass	100	45	53.5	65.7	72.3	56.0	56.0	68.3	74.7	D	9	680				
	General rural	Sagebrush w/grass	43	45	53.5	65.7	72.3	30.5	30.5	37.4	41.2	A	0	0				
AW3	Public roads	Streets/roads	100	n/a	98.0	98.0	98.0	53.5	53.5	65.7	72.3	D	36	2590				
	Industrial	Industrial	87	n/a	81.0	88.0	91.0	70.5	76.6	79.2	80.9	B	5	379				
BER	Public roads	Streets/roads	100	n/a	57.0	72.0	81.0	78.2	84.3	88.3	90.9	D	8	681				
	Residential	1/3 acre residential	24	n/a	57.0	72.0	81.0	4.6	5.8	6.5	6.9	A	0	0				
ESB	Public roads	Streets/roads	100	n/a	81.0	88.0	91.0	57.3	65.4	76.2	81.6	D	19	1584				
	General commercial	Business/commercial	7	n/a	89.0	92.0	94.0	6.2	6.4	6.6	6.7	A	0	0				
FR1	Public roads	Streets/roads	1	n/a	76.0	85.0	89.0	0.8	0.9	0.9	0.9	A	7	420				
	General rural	Sagebrush w/grass	99	25	63.5	76.3	81.7	62.9	62.9	75.5	80.9	B	34	2166				
FR2	Public roads	Streets/roads	100	25	63.5	76.3	81.7	63.6	63.7	76.4	81.8	D	29	2373				
	General rural	Sagebrush w/grass	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	A	4	254				
FR3	Public roads	Streets/roads	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	B	25	1575				
	General rural	Sagebrush w/grass	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	C	50	3784				
FR4	Public roads	Streets/roads	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	D	22	1765				
	General rural	Sagebrush w/grass	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	D	22	1765				
FR5	Public roads	Streets/roads	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	D	22	1765				
	General rural	Sagebrush w/grass	100	25	63.5	76.3	81.7	63.5	63.5	76.3	81.7	D	22	1765				

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area				% Soil group		Weighted CN		CN
			density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	CN	group	CN					
GC1	Public roads	Streets/roads	3	87.0	92.0	94.0	95.0	2.6	2.8	2.8	2.9	2.9	0	A	0	0	0		
	Residential	1/3 acre residential	1	57.0	72.0	81.0	86.0	0.6	0.7	0.8	0.9	0.9	4	B	4	271			
	Industrial	Industrial	8	81.0	88.0	91.0	93.0	6.5	7.0	7.3	7.4	7.4	89	C	89	7134			
	Parks & recreation	Golf course	88	49.0	69.0	79.0	84.0	43.1	60.7	69.5	73.9	73.9	8	D	8	638			
			100					52.8	71.2	80.4	85.1	100		100	8043	80.4			
GC2	Public roads	Streets/roads	2	87.0	92.0	94.0	95.0	1.7	1.8	1.9	1.9	1.9	6	A	0	6			
	Residential	1/8 acre residential	3	77.0	85.0	90.0	92.0	2.3	2.6	2.7	2.8	2.8	4	B	4	316			
	Industrial	Industrial	19	81.0	88.0	91.0	93.0	15.4	16.7	17.3	17.7	17.7	84	C	84	6872			
	Parks & recreation	Golf course	76	49.0	69.0	79.0	84.0	37.2	52.4	60.0	63.8	63.8	12	D	12	1008			
			100					56.7	73.6	81.9	86.2	100		100	8202	82.0			
GC3	Public roads	Streets/roads	8	87.0	92.0	94.0	95.0	7.0	7.4	7.5	7.6	7.6	34	A	1	34			
	Residential	1/8 acre residential	17	77.0	85.0	90.0	92.0	13.1	14.5	15.3	15.6	15.6	274	B	3	274			
	Residential	1/4 acre residential	2	61.0	75.0	83.0	87.0	1.2	1.5	1.7	1.7	1.7	5983	C	69	5983			
	Industrial	Industrial	37	81.0	88.0	91.0	93.0	30.0	32.6	33.7	34.4	34.4	27	D	27	2420			
	Parks & recreation	Golf course	36	49.0	69.0	79.0	84.0	17.6	24.8	28.4	30.2	30.2	100		100	8712	87.1		
			100					68.9	80.7	86.6	89.6	100		100	8712	87.1			
GR1	Public roads	Streets/roads	2	87.0	92.0	94.0	95.0	1.7	1.8	1.9	1.9	1.9	55	A	1	55			
	General rural	Sagebrush w/grass	98	61.0	73.6	79.4	79.4	59.8	59.8	72.2	77.8	77.8	22	B	22	1374			
			100					61.5	61.6	74.0	79.7	100		100	7302	73.0			
GR2	Public roads	Streets/roads	3	87.0	92.0	94.0	95.0	2.6	2.8	2.8	2.9	2.9	0	A	0	0			
	General commercial	Business/commercial	16	89.0	92.0	94.0	95.0	14.2	14.7	15.0	15.2	15.2	1445	B	22	1445			
	General rural	Sagebrush w/grass	81	61.0	73.6	79.4	79.4	49.4	49.4	59.6	64.3	64.3	1875	C	24	1875			
				100					66.3	66.9	77.5	82.3	100		100	4463	77.8		
GR3	Public roads	Streets/roads	17	78.0	81.0	86.0	89.0	13.3	13.8	14.6	15.1	15.1	0	A	0	0			
	General commercial	Business/commercial	41	89.0	92.0	94.0	95.0	36.5	37.7	38.5	39.0	39.0	3169	B	41	3169			
	Open space	Sagebrush w/grass	3	61.0	73.6	79.4	79.4	1.8	1.8	2.2	2.4	2.4	2615	C	31	2615			
	General rural	Sagebrush w/grass	39	61.0	73.6	79.4	79.4	23.8	23.8	28.7	31.0	31.0	2430	D	28	2430			
			100					75.4	77.1	84.1	87.4	100		100	8214	82.1			
GR4	Public roads	Streets/roads	22	78.0	81.0	86.0	89.0	17.2	17.8	18.9	19.6	19.6	0	A	0	0			
	General commercial	Business/commercial	1	89.0	92.0	94.0	95.0	0.9	0.9	0.9	1.0	1.0	210	B	3	210			
	General rural	Sagebrush w/grass	77	58.5	71.0	77.0	77.0	45.0	45.0	54.6	59.3	59.3	80	C	80	5923			
			100					63.1	63.8	74.5	79.8	100		100	7507	75.1			

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area				% Soil group		Weighted CN		
			density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	CN*Area	A	B	C	D	CN	CN	
GV1	Public roads	Streets/roads		51.0	68.0	79.0	84.0	2.6	3.4	4.0	4.2								
	Residential	1/3 acre residential	n/a	57.0	72.0	81.0	86.0	1.7	2.2	2.4	2.6								
	Residential	1 acre residential	n/a	51.0	68.0	79.0	84.0	29.1	38.8	45.0	47.9								
	Residential	2 acre residential	n/a	46.0	65.0	77.0	82.0	1.4	2.0	2.3	2.5								
	General commercial	Business/commercial	n/a	89.0	92.0	94.0	95.0	1.8	1.8	1.9	1.9					A	2	119	
	Industrial	Industrial	n/a	81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9					B	16	1037	
	Parks & recreation	Park	Fair	49.0	69.0	79.0	84.0	0.5	0.7	0.8	0.8					C	44	3403	
	General rural	Sagebrush w/grass	35	58.5	71.0	77.0		16.4	16.4	19.9	21.6					D	38	3130	
				100				54.2	66.1	77.2	82.4					100	7689	76.9	
				6	51.0	68.0	79.0	84.0	3.1	4.1	4.7	5.0							
GV2	Public roads	Streets/roads	n/a	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9					A	2	102	
	Residential	1/2 acre residential	n/a	51.0	68.0	79.0	84.0	26.0	34.7	40.3	42.8					B	19	1191	
	Residential	1 acre residential	n/a	46.0	65.0	77.0	82.0	2.3	3.3	3.9	4.1					C	66	4997	
	Residential	2 acre residential	n/a	58.5	71.0	77.0		21.6	21.6	26.3	28.5					D	14	1122	
	General rural	Sagebrush w/grass	35					53.6	64.4	75.9	81.3					100	7411	74.1	
				16	51.0	68.0	79.0	84.0	8.2	10.9	12.6	13.4							
				19	57.0	72.0	81.0	86.0	10.8	13.7	15.4	16.3							
				1	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9							
				27	51.0	68.0	79.0	84.0	13.8	18.4	21.3	22.7					A	0	26
				3	46.0	65.0	77.0	82.0	1.4	2.0	2.3	2.5					B	9	655
GV3	General commercial	Business/commercial	n/a	89.0	92.0	94.0	95.0	28.5	29.4	30.1	30.4					C	78	6541	
	General rural	Sagebrush w/grass	35	58.5	71.0	77.0		1.2	1.2	1.4	1.5					D	13	1149	
				100				64.3	76.2	84.0	87.7					100	8371	83.7	
				16	57.0	72.0	81.0	86.0	9.1	11.5	13.0	13.8							
				6	77.0	85.0	90.0	92.0	4.6	5.1	5.4	5.5							
				5	61.0	75.0	83.0	87.0	3.1	3.8	4.2	4.4							
				33	57.0	72.0	81.0	86.0	18.8	23.8	26.7	28.4							
				9	54.0	70.0	80.0	85.0	4.9	6.3	7.2	7.7							
				7	51.0	68.0	79.0	84.0	3.6	4.8	5.5	5.9					A	0	0
				13	46.0	65.0	77.0	82.0	6.0	8.5	10.0	10.7					B	4	265
HR1	General commercial	Business/commercial	n/a	89.0	92.0	94.0	95.0	3.6	3.7	3.8	3.8					C	90	7256	
	Public & semi public/fac	Sagebrush w/grass	30	61.0	73.6	79.4		4.3	4.3	5.2	5.6					D	7	565	
				100				57.8	71.6	80.9	85.6					100	8086	80.9	
				21	78.0	81.0	86.0	89.0	16.4	17.0	18.1	18.7							
				1	77.0	85.0	90.0	92.0	0.8	0.9	0.9	0.9					A	0	0
				3	57.0	72.0	81.0	86.0	1.7	2.2	2.4	2.6					B	3	230
				73	89.0	92.0	94.0	95.0	65.0	67.2	68.6	69.4					C	92	8407
				2	61.0	73.6	79.4		1.2	1.2	1.5	1.6					D	6	512
				100					85.1	88.4	91.5	93.1					100	8637	86.4

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				% Cover density				Curve number				Product CN*Area				% Soil group		Weighted				
			11	42	45	100	n/a	n/a	Fair	100	A	B	C	D	CN ^A	CN ^B	CN ^C	CN ^D	CN ^A	CN ^B	CN ^C	CN ^D	CN	CN	
HR3	Public roads	Streets/roads	11				n/a						77.0	85.0	90.0	92.0	8.5	9.4	9.9	10.1	A	0	0	0	
	Residential	1/8 acre residential	42				n/a						77.0	85.0	90.0	92.0	32.3	35.7	37.8	38.6	B	4	4	271	
	Residential	1 acre residential					n/a						51.0	68.0	79.0	84.0	1.0	1.4	1.6	1.7	C	90	7	7618	
	Public & semi public/fac	Cemetery	45				Fair						49.0	69.0	79.0	84.0	22.1	31.1	35.6	37.8	D	7	7	591	
			100														63.9	77.5	84.8	88.2		100		8480	
LD1	Public roads	Streets/roads	8				n/a						77.0	85.0	90.0	92.0	6.2	6.8	7.2	7.4					
	Residential	1/8 acre residential	24				n/a						77.0	85.0	90.0	92.0	18.5	20.4	21.6	22.1	A	0	7	7	
	Residential	1 acre residential	22				n/a						51.0	68.0	79.0	84.0	11.2	15.0	17.4	18.5	B	2	181	181	
	General commercial	Business/commercial	19				n/a						89.0	92.0	94.0	95.0	16.9	17.5	17.9	18.1	C	82	6847	6847	
	Parks & recreation	Sagebrush w/grass	2				35						58.5	71.0	77.0	77.0	1.2	1.2	1.4	1.5	D	15	1319	1319	
	Open space	Sagebrush w/grass	25				35						58.5	71.0	77.0	77.0	14.6	14.6	17.7	19.3					
			100														68.6	75.4	83.2	86.8		100		8354	
LD2	Public roads	Streets/roads	5				n/a						57.0	72.0	81.0	86.0	2.9	3.6	4.1	4.3					
	Residential	1/3 acre residential	37				n/a						57.0	72.0	81.0	86.0	21.1	26.6	30.0	31.8	A	1	62	62	
	Residential	1 acre residential	14				n/a						51.0	68.0	79.0	84.0	7.1	9.5	11.1	11.8	B	19	1228	1228	
	Residential	2 acre residential	3				n/a						46.0	65.0	77.0	82.0	1.4	2.0	2.3	2.5	C	63	4826	4826	
	Public & semi public/fac	Sagebrush w/grass	1				35						58.5	71.0	77.0	77.0	0.6	0.6	0.7	0.8	D	17	1401	1401	
	General rural	Sagebrush w/grass	40				35						58.5	71.0	77.0	77.0	23.4	23.4	28.4	30.8					
			100														56.4	65.7	76.5	81.9		100		7518	
LD3	Public roads	Streets/roads	17				n/a						77.0	85.0	90.0	92.0	13.1	14.5	15.3	15.6					
	Residential	1/8 acre residential	16				n/a						77.0	85.0	90.0	92.0	12.3	13.6	14.4	14.7	A	3	175	175	
	Residential	1/4 acre residential	14				n/a						61.0	75.0	83.0	87.0	8.5	10.5	11.6	12.2	B	83	6190	6190	
	Residential	1/3 acre residential	16				n/a						57.0	72.0	81.0	86.0	9.1	11.5	13.0	13.8	C	8	628	628	
	Residential	1/2 acre residential	4				n/a						54.0	70.0	80.0	85.0	2.2	2.8	3.2	3.4	D	7	580	580	
	Residential	1 acre residential	1				n/a						51.0	68.0	79.0	84.0	0.5	0.7	0.8	0.8					
	Residential	2 acre residential	2				n/a						46.0	65.0	77.0	82.0	0.9	1.3	1.5	1.6					
	General commercial	Business/commercial	4				n/a						89.0	92.0	94.0	95.0	3.6	3.7	3.8	3.8	A	3	175	175	
	Public & semi public/fac	Sagebrush w/grass	4				35						58.5	71.0	77.0	77.0	2.3	2.3	2.8	3.1	B	83	6190	6190	
	Parks & recreation	Park	8				Fair						49.0	69.0	79.0	84.0	3.9	5.5	6.3	6.7	C	8	628	628	
Open space	Sagebrush w/grass	9				35						58.5	71.0	77.0	77.0	5.3	5.3	6.4	6.9	D	7	580	580		
General rural	Sagebrush w/grass	5				35						58.5	71.0	77.0	77.0	2.9	2.9	3.5	3.9						
			100														64.7	74.6	82.7	86.6		100		7573	
LEA	Public roads	Streets/roads	4				n/a						81.0	88.0	91.0	93.0	3.2	3.5	3.6	3.7	A	0	0	0	
	Industrial	Industrial	96				n/a						81.0	88.0	91.0	93.0	77.8	84.5	87.4	89.3	B	3	299	299	
				100													81.0	88.0	91.0	93.0	C	88	7963	7963	
																					D	9	846	846	
																						100		9108	9108

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area				% Soil group	Weighted CN	CN		
			density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	CN*A	CN*B	CN*C				CN*D	
LLK	Public roads	Streets/roads	3	87.0	92.0	94.0	95.0	2.6	2.8	2.8	2.9	2.8	2.8	2.9					
	Residential	1 acre residential	8	n/a	51.0	68.0	79.0	84.0	4.1	5.4	6.3	6.7							
	General commercial	Business/commercial	3	n/a	89.0	92.0	94.0	95.0	2.7	2.8	2.8	2.9							
	Industrial	Industrial	18	n/a	81.0	88.0	91.0	93.0	14.6	15.8	16.4	16.7							
	Public & semi public/fac	Sagebrush w/grass	5	35	58.5	71.0	77.0		2.9	2.9	3.5	3.9			A	0	8		
	Parks & recreation	Sagebrush w/grass	4	35	58.5	71.0	77.0		2.3	2.3	2.8	3.1			B	7	610		
	Open space	Sagebrush w/grass	19	35	58.5	71.0	77.0		11.1	11.1	13.5	14.6			C	13	1171		
	General rural	Impervious / water	40	n/a	98.0	98.0	98.0		39.2	39.2	39.2	39.2			D	79	7113		
				100					79.5	82.4	87.4	89.9				100	8902	89.0	
				11	n/a	77.0	85.0	90.0	92.0	8.5	9.4	9.9	10.1			A	3	228	
LVL	Public roads	Streets/roads	76	n/a	77.0	85.0	90.0	92.0	58.5	64.6	68.4	69.9			B	61	5206		
	Residential	1/8 acre residential	13	n/a	89.0	92.0	94.0	95.0	11.6	12.0	12.2	12.4			C	29	2607		
	General commercial	Business/commercial													D	8	711		
			100					78.6	85.9	90.5	92.4				100	8752	87.5		
LV1	Public roads	Streets/roads	1	n/a	87.0	92.0	94.0	95.0	0.9	0.9	0.9	1.0							
	Residential	1/3 acre residential	1	n/a	57.0	72.0	81.0	86.0	0.6	0.7	0.8	0.9							
	Residential	1/2 acre residential	1	n/a	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9			A	2	99		
	General commercial	Business/commercial	11	n/a	89.0	92.0	94.0	95.0	9.8	10.1	10.3	10.5			B	6	352		
	Parks & recreation	Sagebrush w/grass	16	35	58.5	71.0	77.0		9.4	9.4	11.4	12.3			C	63	4628		
	General rural	Sagebrush w/grass	70	35	58.5	71.0	77.0		41.0	41.0	49.7	53.9			D	30	2397		
				100					62.1	62.8	73.9	79.4				100	7475	74.8	
				4	n/a	57.0	72.0	81.0	86.0	2.3	2.9	3.2	3.4						
				15	n/a	57.0	72.0	81.0	86.0	8.6	10.8	12.2	12.9			A	17	982	
				18	n/a	51.0	68.0	79.0	84.0	9.2	12.2	14.2	15.1			B	22	1401	
LV2	Residential	2 acre residential	1	n/a	46.0	65.0	77.0	82.0	0.5	0.7	0.8	0.8			C	39	2908		
	General rural	Sagebrush w/grass	62	35	58.5	71.0	77.0		36.3	36.3	44.0	47.8			D	21	1705		
			100						56.7	62.8	74.4	80.0				100	6996	70.0	
				4	n/a	57.0	72.0	81.0	86.0	2.3	2.9	3.2	3.4						
				20	n/a	57.0	72.0	81.0	86.0	11.4	14.4	16.2	17.2			A	2	83	
				9	n/a	51.0	68.0	79.0	84.0	4.6	6.1	7.1	7.6			B	20	1268	
				17	n/a	46.0	65.0	77.0	82.0	7.8	11.1	13.1	13.9			C	38	2885	
				50	35	58.5	71.0	77.0		29.3	29.3	35.5	38.5			D	40	3242	
				100					55.3	63.7	75.1	80.7				100	7478	74.8	
	LV3	Public roads	Streets/roads	100	30	61.0	73.6	79.4		61.0	61.0	73.6	79.4			A	2	116	
Residential		1/3 acre residential													B	18	1080		
Residential		1 acre residential													C	40	2938		
Residential		2 acre residential													D	41	3215		
			100					61.0	61.0	73.6	79.4				100	7348	73.5		
LV4	General rural	Sagebrush w/grass																	

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				% Cover density				Curve number				Product CN*Area				% Soil group		Weighted CN	
			1	99	100		A	B	C	D	CN*A	CN*B	CN*C	CN*D	CN^2	CN^3	CN^4	CN^5	A	B	CN	CN
LV5	Industrial	Industrial	1	n/a		81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	A	3	147		
	General rural	Segebrush w/grass	99	35		58.5	71.0	77.0		57.9	57.9	70.3	76.3				B	15	876			
MA1	Public roads	Streets/roads	100			58.7	58.8	71.2	77.2	58.7	58.8	71.2	77.2				D	22	1721			
	Residential	1/8 acre residential	21	n/a		77.0	85.0	90.0	92.0	7.7	8.5	9.0	9.2				A	3	147			
	Residential	1/4 acre residential	9	n/a		61.0	75.0	83.0	87.0	5.5	6.8	7.5	7.8				B	15	876			
	Residential	1 acre residential	1	n/a		46.0	65.0	77.0	82.0	0.5	0.7	0.8	0.8				C	60	4291			
	Residential	2 acre residential	1	n/a		89.0	92.0	94.0	95.0	0.5	0.7	0.8	0.8				D	22	1721			
	General commercial	Business/commercial	5	n/a		4.5	4.6	4.7	4.8	4.5	4.6	4.7	4.8				A	2	120			
	Public & semi public/fac	Sagebrush w/grass	19	35		11.1	11.1	13.5	14.6	11.1	11.1	13.5	14.6				B	35	2521			
	Parks & recreation	Park	27	Fair		13.2	18.6	21.3	22.7	13.2	18.6	21.3	22.7				C	48	3900			
	Open space	Sagebrush w/grass	7	35		63.2	72.9	81.4	85.5	4.1	4.1	5.0	5.4				D	16	1333			
				100			77.0	85.0	90.0	92.0	4.6	5.1	5.4	5.5				A	0	0		
MA2	Public roads	Streets/roads	6	n/a		77.0	85.0	90.0	92.0	4.6	5.1	5.4	5.5				A	0	0			
	Residential	1/8 acre residential	91	n/a		77.0	85.0	90.0	92.0	70.1	77.4	81.9	83.7				B	69	5807			
	Parks & recreation	Park	3	Fair		49.0	69.0	79.0	84.0	1.5	2.1	2.4	2.5				C	27	2421			
MG1	Public roads	Streets/roads	100			76.2	84.5	89.7	91.8	76.2	84.5	89.7	91.8				D	4	395			
	Residential	1/8 acre residential	3	n/a		2.3	2.6	2.7	2.8	2.3	2.6	2.7	2.8				A	0	0			
	Residential	1/4 acre residential	33	n/a		77.0	85.0	90.0	92.0	25.4	28.1	29.7	30.4				B	69	5807			
	Residential	1/3 acre residential	1	n/a		61.0	75.0	83.0	87.0	0.6	0.8	0.8	0.9				C	27	2421			
	Residential	1/2 acre residential	8	n/a		57.0	72.0	81.0	86.0	4.6	5.8	6.5	6.9				D	16	1333			
	Residential	1 acre residential	1	n/a		54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9				A	0	0			
	Residential	1 acre residential	4	n/a		51.0	68.0	79.0	84.0	2.0	2.7	3.2	3.4				B	5	370			
	Industrial	Industrial	28	n/a		81.0	88.0	91.0	93.0	22.7	24.6	25.5	26.0				C	89	7684			
	Public & semi public/fac	Cemetery	22	Fair		10.8	15.2	17.4	18.5	10.8	15.2	17.4	18.5				D	7	591			
				100			68.9	80.4	86.5	89.6	68.9	80.4	86.5	89.6				A	0	0		
ML1	Public roads	Streets/roads	8	n/a		6.2	6.8	7.2	7.4	6.2	6.8	7.2	7.4				A	0	0			
	Residential	1/8 acre residential	24	n/a		18.5	20.4	21.6	22.1	18.5	20.4	21.6	22.1				B	14	1055			
	Residential	1/3 acre residential	5	n/a		2.9	3.6	4.1	4.3	2.9	3.6	4.1	4.3				C	40	3348			
	Residential	1 acre residential	26	n/a		13.3	17.7	20.5	21.8	13.3	17.7	20.5	21.8				D	46	4000			
	General commercial	Business/commercial	14	n/a		12.5	12.9	13.2	13.3	12.5	12.9	13.2	13.3				A	0	0			
	Parks & recreation	Sagebrush w/grass	20	30		12.2	12.2	14.7	15.9	12.2	12.2	14.7	15.9				B	14	1055			
	Open space	Sagebrush w/grass	3	30		1.8	1.8	2.2	2.4	1.8	1.8	2.2	2.4				C	40	3348			
			100			67.2	75.4	83.5	87.1	67.2	75.4	83.5	87.1				D	46	4000			
						77.0	85.0	90.0	92.0	77.0	85.0	90.0	92.0				A	0	0			

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area			% Soil group	Weighted CN	CN	
			1	2	3	4	A	B	C	D	CN*A	CN*B	CN*C				CN*D
ML2	Public roads	Streets/roads	1				81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9	A	1	45
	Residential	1/8 acre residential	18				77.0	85.0	90.0	92.0	13.9	15.3	16.2	16.6	B	79	6283
	Industrial	Industrial	52				81.0	88.0	91.0	93.0	42.1	45.8	47.3	48.4	C	10	815
	Parks & recreation	Sagebrush w/grass	29				61.0	73.6	79.4		17.7	17.7	21.4	23.0	D	11	978
			100							74.5	79.6	85.8	88.9		100	8120	81.2
ML3	Public roads	Streets/roads	1				77.0	85.0	90.0	92.0	0.8	0.9	0.9	0.9			
	Residential	1/8 acre residential	74				77.0	85.0	90.0	92.0	57.0	62.9	66.6	68.1	A	0	0
	Residential	1/3 acre residential	17				57.0	72.0	81.0	86.0	9.7	12.2	13.8	14.6	B	82	6678
	Residential	1 acre residential	3				51.0	68.0	79.0	84.0	1.5	2.0	2.4	2.5	C	16	1426
	Residential	2 acre residential	4				46.0	65.0	77.0	82.0	1.8	2.6	3.1	3.3	D	2	135
	Open space	Sagebrush w/grass	1				61.0	73.6	79.4		0.6	0.6	0.7	0.8			
			100							71.4	81.2	87.5	90.2		100	8239	82.4
MOY	Public roads	Streets/roads	3				81.0	88.0	91.0	93.0	2.4	2.6	2.7	2.8	A	0	15
	Industrial	Industrial	72				81.0	88.0	91.0	93.0	58.3	63.4	65.5	67.0	B	45	3643
	Public & semi public/fac	Sagebrush w/grass	25				63.5	76.3	81.7		15.9	15.9	19.1	20.4	C	10	873
				100							76.6	81.9	87.3	90.2	D	45	4085
										2.3	2.6	2.7	2.8				
NVD	Public roads	Streets/roads	3				77.0	85.0	90.0	92.0	60.1	66.3	70.2	71.8			
	Residential	1/8 acre residential	78				77.0	85.0	90.0	92.0	0.6	0.8	0.8	0.9	A	0	0
	Residential	1/4 acre residential	1				61.0	75.0	83.0	87.0	5.1	6.5	7.3	7.7	B	69	5728
	Residential	1/3 acre residential	9				57.0	72.0	81.0	86.0	1.0	1.4	1.6	1.7	C	25	2173
	Residential	1 acre residential	2				51.0	68.0	79.0	84.0	0.9	1.3	1.5	1.6	D	7	601
	Residential	2 acre residential	2				46.0	65.0	77.0	82.0	4.1	4.4	4.6	4.7			
			100							74.1	83.1	88.7	91.1		100	8503	85.0
NV1	Industrial	Industrial	86				81.0	88.0	91.0	93.0	69.7	75.7	78.3	80.0	A	0	0
	Public & semi public/fac	Sagebrush w/grass	14				61.0	73.6	79.4		8.5	8.5	10.3	11.1	B	5	404
				100							78.2	84.2	88.6	91.1	C	89	7900
														D	6	547	
															100	8851	88.5
PA1	Public roads	Streets/roads	1				76.0	85.0	89.0	91.0	0.8	0.9	0.9	0.9			
	Residential	1 acre residential	2				51.0	68.0	79.0	84.0	1.0	1.4	1.6	1.7	A	0	17
	Residential	2 acre residential	2				46.0	65.0	77.0	82.0	0.9	1.3	1.5	1.6	B	16	919
	Public & semi public/fac	Sagebrush w/grass	1				56.0	68.3	74.7		0.6	0.6	0.7	0.7	C	73	5016
	Open space	Sagebrush w/grass	34				56.0	68.3	74.7		19.0	19.0	23.2	25.4	D	11	804
	General rural	Sagebrush w/grass	60				56.0	68.3	74.7		33.6	33.6	41.0	44.8			
			100							55.9	56.7	68.9	75.2		100	6756	67.6

City of Reno - Stead Master Drainage Study Proposed Curve Numbers

Basin	Proposed land use	CN designation	% cover				Curve number				Product CN*Area				% Soil		Weighted	
			by area	% Cover density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	group	CN	CN	CN		
PA2	Public roads	Streets/roads	4	n/a	76.0	85.0	89.0	91.0	3.0	3.4	3.6	3.6	3.6					
	Residential	1/8 acre residential	2	n/a	77.0	85.0	90.0	92.0	1.5	1.7	1.8	1.8	1.8					0
	Residential	1/3 acre residential	8	n/a	57.0	72.0	81.0	86.0	4.6	5.8	6.5	6.9	6.9	A	0	3	177	0
	Public & semi public/fac	Sagebrush w/grass	4	40	56.0	68.3	74.7		2.2	2.2	2.7	3.0	3.0	B	3	177	0	0
	Open space	Sagebrush w/grass	25	40	56.0	68.3	74.7		14.0	14.0	17.1	18.7	18.7	C	83	5873	0	0
	General rural	Sagebrush w/grass	57	40	56.0	68.3	74.7		31.9	31.9	38.9	42.6	42.6	D	14	1057	0	0
				100					57.3	59.0	70.6	76.6	76.6		100	7107		71.1
PA3	Public roads	Streets/roads	11	n/a	76.0	85.0	89.0	91.0	8.4	9.4	9.8	10.0	10.0					
	Residential	1/8 acre residential	18	n/a	77.0	85.0	90.0	92.0	13.9	15.3	16.2	16.6	16.6					
	General commercial	Business/commercial	3	n/a	89.0	92.0	94.0	95.0	2.7	2.8	2.8	2.9	2.9					
	Industrial	Industrial	11	n/a	81.0	88.0	91.0	93.0	8.9	9.7	10.0	10.2	10.2	A	0	0	0	0
	Public & semi public/fac	Sagebrush w/grass	9	40	56.0	68.3	74.7		5.0	5.0	6.1	6.7	6.7	B	3	235	0	0
	Open space	Sagebrush w/grass	3	40	56.0	68.3	74.7		1.7	1.7	2.0	2.2	2.2	C	77	5987	0	0
	General rural	Sagebrush w/grass	45	40	56.0	68.3	74.7		25.2	25.2	30.7	33.6	33.6	D	20	1612	0	0
			100					65.7	69.0	77.8	82.2	82.2		100	7834		78.3	
PA4	Public roads	Streets/roads	4	n/a	76.0	85.0	89.0	91.0	3.0	3.4	3.6	3.6	3.6	A	0	0	0	0
	Residential	1/8 acre residential	2	n/a	77.0	85.0	90.0	92.0	1.5	1.7	1.8	1.8	1.8	B	5	415	0	0
	Industrial	Industrial	84	n/a	81.0	88.0	91.0	93.0	68.0	73.9	76.4	78.1	78.1	C	87	7729	0	0
	Public & semi public/fac	Sagebrush w/grass	10	40	56.0	68.3	74.7		5.6	5.6	6.8	7.5	7.5	D	8	719	0	0
				100					78.2	84.6	88.6	91.1	91.1		100	8863		88.6
PA5	Public roads	Streets/roads	47	n/a	78.0	81.0	86.0	89.0	36.7	38.1	40.4	41.8	41.8	A	0	0	0	0
	General commercial	Business/commercial	53	n/a	89.0	92.0	94.0	95.0	47.2	48.8	49.8	50.4	50.4	B	5	434	0	0
														C	87	7851	0	0
PA6	Public roads	Streets/roads	100						83.8	86.8	90.2	92.2	92.2	D	8	737	0	0
	General commercial	Business/commercial	42	n/a	78.0	81.0	86.0	89.0	32.8	34.0	36.1	37.4	37.4	A	0	0	0	0
			58	n/a	89.0	92.0	94.0	95.0	51.6	53.4	54.5	55.1	55.1	B	5	428	0	0
PA7	Public roads	Streets/roads	100						84.4	87.4	90.6	92.5	92.5	C	87	7904	0	0
	General commercial	Business/commercial	66	n/a	78.0	81.0	86.0	89.0	51.5	53.5	56.8	58.7	58.7	D	8	731	0	0
	Low density suburban	Sagebrush w/grass	34	35	58.5	71.0	77.0		19.9	19.9	24.1	26.2	26.2	A	0	0	0	0
														B	5	359	0	0
			100					71.4	73.4	80.9	84.9	84.9	C	87	7054	0	0	
													D	8	671	0	0	
														100	8084		80.8	

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				% Cover density				Curve number				Product CN*Area				% Soil group		Weighted CN	CN
			A	B	C	D	A	B	C	D	A	B	C	D	CN*A	CN*B	CN*C	CN*D	A	B		
PAT	Public roads	Streets/roads	3	61.0	75.0	83.0	87.0	n/a	n/a	1.8	2.3	2.5	2.6	2.4	3.0	3.3	3.5	A	3	181		
	Residential	1/4 acre residential	4	61.0	75.0	83.0	87.0	n/a	n/a	2.4	3.0	3.3	3.5	4.0	5.0	5.7	6.0	B	20	1220		
	Residential	1/3 acre residential	7	57.0	72.0	81.0	86.0	n/a	n/a	4.0	5.0	5.7	6.0	0.5	0.7	0.8	0.9	C	51	3703		
	Residential	1/2 acre residential	1	54.0	70.0	80.0	85.0	n/a	n/a	49.7	49.7	60.3	65.5	58.5	60.7	72.6	78.4	D	26	2024		
	General rural	Sagebrush w/grass	85	58.5	71.0	77.0	77.0	35	35	58.5	60.7	72.6	78.4	1.2	1.2	1.4	1.5	A	0	0	7128	71.3
PE1	Public & semi public/fac	Sagebrush w/grass	2	58.5	71.0	77.0	77.0	35	35	1.2	1.2	1.4	1.5	57.3	57.3	69.5	75.5	B	3	158		
	General rural	Sagebrush w/grass	98	58.5	71.0	77.0	77.0	35	35	57.3	57.3	69.5	75.5					C	69	4897		
PE2	Open space	Sagebrush w/grass	100							58.5	58.5	71.0	77.0	57.3	57.3	69.5	75.5	D	28	2180		
	General rural	Sagebrush w/grass	2	58.5	71.0	77.0	77.0	35	35	1.2	1.2	1.4	1.5					A	0	6		
			98	58.5	71.0	77.0	77.0	35	35	57.3	57.3	69.5	75.5					B	3	199		
			100							58.5	58.5	71.0	77.0					C	50	3563		
PE3	Residential	1 acre residential	30	51.0	68.0	79.0	84.0	n/a	n/a	15.3	20.4	23.7	25.2	1.2	1.2	1.5	1.6	A	0	0		73.3
	Public & semi public/fac	Sagebrush w/grass	2	61.0	73.6	79.4	79.4	30	30	1.2	1.2	1.5	1.6	8.5	8.5	10.3	11.1	B	5	316		
	Open space	Sagebrush w/grass	14	61.0	73.6	79.4	79.4	30	30	8.5	8.5	10.3	11.1	32.9	32.9	39.8	42.9	C	72	5425		
	General rural	Sagebrush w/grass	54	61.0	73.6	79.4	79.4	30	30	58.0	63.1	75.2	80.8					D	23	1849		
			100							58.0	63.1	75.2	80.8					A	100	7590		
PE4	Public roads	Streets/roads	4	77.0	85.0	90.0	92.0	n/a	n/a	3.1	3.4	3.6	3.7	5.4	6.0	6.3	6.4					
	Residential	1/8 acre residential	7	77.0	85.0	90.0	92.0	n/a	n/a	5.4	6.0	6.3	6.4	3.4	4.3	4.9	5.2					
	Residential	1/3 acre residential	6	57.0	72.0	81.0	86.0	n/a	n/a	3.4	4.3	4.9	5.2	4.3	5.6	6.4	6.8					
	Residential	1/2 acre residential	8	54.0	70.0	80.0	85.0	n/a	n/a	4.3	5.6	6.4	6.8	6.1	8.2	9.5	10.1					
	Residential	1 acre residential	12	51.0	68.0	79.0	84.0	n/a	n/a	6.1	8.2	9.5	10.1	15.4	16.7	17.3	17.7					
	Industrial	Industrial	19	81.0	88.0	91.0	93.0	n/a	n/a	1.1	1.1	1.4	1.5									
	Public & semi public/fac	Sagebrush w/grass	2	56.0	68.3	74.7	74.7	40	40	1.1	1.1	1.4	1.5	0.6	0.6	0.7	0.7	A	0	0		
	Parks & recreation	Sagebrush w/grass	1	56.0	68.3	74.7	74.7	40	40	0.6	0.6	0.7	0.7	11.8	11.8	14.3	15.7	B	3	220		
	Open space	Sagebrush w/grass	21	56.0	68.3	74.7	74.7	40	40	11.8	11.8	14.3	15.7	11.2	11.2	13.7	14.9	C	61	4742		
	General rural	Sagebrush w/grass	20	56.0	68.3	74.7	74.7	40	40	11.2	11.2	13.7	14.9	62.4	68.8	78.0	82.7	D	36	2977		
		100							62.4	68.8	78.0	82.7					A	100	7939			
PE5	Residential	1/3 acre residential	1	57.0	72.0	81.0	86.0	n/a	n/a	0.6	0.7	0.8	0.9	0.5	0.7	0.8	0.8					
	Residential	1 acre residential	1	51.0	68.0	79.0	84.0	n/a	n/a	0.5	0.7	0.8	0.8	44.4	44.4	54.5	60.0	B	12	646		
	Open space	Sagebrush w/grass	83	53.5	65.7	72.3	72.3	45	45	44.4	44.4	54.5	60.0	8.0	8.0	9.8	10.9	C	36	2387		
	General rural	Sagebrush w/grass	15	53.5	65.7	72.3	72.3	45	45	8.0	8.0	9.8	10.9	53.5	53.8	65.9	72.6	D	52	3761		
		100							53.5	53.8	65.9	72.6					A	100	6794			

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover				Curve number				Product CN*Area			% Soil		Weighted CN	CN
			by area	% Cover density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	group	CN			
PE6	Residential	1 acre residential	23	n/a	51.0	68.0	79.0	84.0	11.7	15.6	18.2	19.3	A	0	0	72.6	73.6
	Public & semi public/fac	Sagebrush w/grass	3	35	58.5	71.0	77.0	1.8	1.8	2.1	2.3	B	5	303			
	General rural	Sagebrush w/grass	74	35	58.5	71.0	77.0	43.3	43.3	52.5	57.0	C	88	6401			
PE7	Residential	1/8 acre residential	100	n/a	77.0	85.0	90.0	92.0	56.8	60.7	72.8	78.6	A	0	6	72.6	73.6
	Open space	Sagebrush w/grass	76	40	56.0	68.3	74.7	42.6	42.6	51.9	56.8	B	2	131			
	General rural	Sagebrush w/grass	21	40	56.0	68.3	74.7	11.8	11.8	14.3	15.7	C	19	1283			
PH1	Residential	1/8 acre residential	100	n/a	77.0	85.0	90.0	92.0	56.6	56.9	69.0	75.2	A	0	0	72.6	73.6
	Residential	1/4 acre residential	31	n/a	61.0	75.0	83.0	87.0	23.9	26.4	27.9	28.5	B	0	6		
	Residential	1/3 acre residential	11	n/a	57.0	72.0	81.0	86.0	6.7	8.3	9.1	9.6	C	0	0		
	Residential	1/2 acre residential	8	n/a	54.0	70.0	80.0	85.0	4.6	5.8	6.5	6.9	D	0	0		
	Residential	1 acre residential	4	n/a	51.0	68.0	79.0	84.0	2.2	2.8	3.2	3.4	A	0	0		
	Residential	2 acre residential	3	n/a	46.0	65.0	77.0	82.0	1.5	2.0	2.4	2.5	B	4	305		
	General rural	Sagebrush w/grass	8	n/a	58.5	71.0	77.0	20.5	20.5	24.8	27.0	27.0	C	50	4020		
PW1	Public roads	Streets/roads	35	35	78.0	81.0	86.0	89.0	63.0	70.9	80.1	84.4	D	46	3841	72.6	73.6
	Public & semi public/fac	Sagebrush w/grass	7	n/a	56.0	68.3	74.7	5.5	5.7	6.0	6.2	A	0	0			
	Open space	Sagebrush w/grass	2	40	56.0	68.3	74.7	1.1	1.1	1.4	1.5	B	2	116			
PW3	Public roads	Streets/roads	91	40	56.0	68.3	74.7	51.0	51.0	62.2	68.0	C	71	4945	72.6	73.6	
	Public & semi public/fac	Sagebrush w/grass	5	n/a	78.0	81.0	86.0	89.0	57.5	57.8	69.6	75.7	D	27			2036
	Open space	Sagebrush w/grass	1	35	58.5	71.0	77.0	0.6	0.6	0.7	0.8	A	0	12			
PW4	Public roads	Streets/roads	94	35	58.5	71.0	77.0	55.0	55.0	66.7	72.4	B	22	1288	72.6	73.6	
	Public & semi public/fac	Sagebrush w/grass	1	35	58.5	71.0	77.0	59.5	59.6	71.7	77.6	C	52	3744			
	Open space	Sagebrush w/grass	17	35	58.5	71.0	77.0	9.9	9.9	12.1	13.1	D	26	2018			
PW5	Public roads	Streets/roads	100	n/a	78.0	81.0	86.0	89.0	59.5	59.6	71.7	77.6	A	1	29	72.6	73.6
	Residential	1 acre residential	1	n/a	51.0	68.0	79.0	84.0	0.8	0.8	0.9	0.9	B	37	2191		
	Residential	2 acre residential	1	n/a	46.0	65.0	77.0	82.0	0.5	0.7	0.8	0.8	C	44	3107		
	Public & semi public/fac	Sagebrush w/grass	2	35	58.5	71.0	77.0	1.2	1.2	1.4	1.5	D	19	1445			
	Open space	Sagebrush w/grass	78	35	58.5	71.0	77.0	45.6	45.6	55.4	60.1	A	0	0			
	General rural	Sagebrush w/grass	17	35	58.5	71.0	77.0	9.9	9.9	12.1	13.1	B	38	2210			
	General rural	Sagebrush w/grass	2	n/a	46.0	65.0	77.0	82.0	0.9	1.3	1.5	1.6	C	49	3462		
PW5	Residential	2 acre residential	44	35	58.5	71.0	77.0	25.7	25.7	31.2	33.9	D	13	1034	72.6	73.6	
	Public & semi public/fac	Sagebrush w/grass	2	35	58.5	71.0	77.0	58.3	58.6	71.1	77.1	A	0	0			
	Open space	Sagebrush w/grass	52	35	58.5	71.0	77.0	30.4	30.4	36.9	40.1	B	29	2191			
PW5	General rural	Sagebrush w/grass	44	35	58.5	71.0	77.0	25.7	25.7	31.2	33.9	C	44	3107	72.6	73.6	
	General rural	Sagebrush w/grass	100	35	58.5	71.0	77.0	58.3	58.6	71.1	77.1	D	19	1445			
	General rural	Sagebrush w/grass	100	35	58.5	71.0	77.0	58.3	58.6	71.1	77.1	A	0	0			

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				% Cover density				Curve number				Product CN*Area				% Soil group		Weighted CN			
			A	B	C	D	A	B	C	D	A	B	C	D	CN*A	CN*B	CN*C	CN*D	A	B	CN	CN		
PW6	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	1.6	1.6	1.7	1.8	1.6	1.6	1.7	1.8						
	Residential	1 acre residential	51.0	68.0	79.0	84.0	n/a	n/a	n/a	n/a	1.0	1.4	1.6	1.7	1.0	1.4	1.6	1.7						
	Residential	2 acre residential	46.0	65.0	77.0	82.0	n/a	n/a	n/a	n/a	0.9	1.3	1.5	1.6	0.9	1.3	1.5	1.6						
	Public & semi public/fac	Sagebrush w/grass	58.5	71.0	77.0	82.0	35	35	35	35	32.2	32.2	39.0	42.4	32.2	32.2	39.0	42.4						
	Open space	Sagebrush w/grass	58.5	71.0	77.0	82.0	35	35	35	35	22.2	22.2	27.0	29.3	22.2	22.2	27.0	29.3						
	General rural	Sagebrush w/grass	58.5	71.0	77.0	82.0	35	35	35	35	58.5	59.3	71.6	77.5	58.5	59.3	71.6	77.5						67.4
PW7	Open space	Sagebrush w/grass	58.5	71.0	77.0	82.0	35	35	35	35	26.3	26.3	31.9	34.7	26.3	26.3	31.9	34.7						
	General rural	Sagebrush w/grass	58.5	71.0	77.0	82.0	35	35	35	35	32.2	32.2	39.0	42.4	32.2	32.2	39.0	42.4						
RH1	Public roads	Streets/roads	77.0	85.0	90.0	92.0	n/a	n/a	n/a	n/a	13.1	14.5	15.3	15.6	13.1	14.5	15.3	15.6						
	Residential	1/8 acre residential	77.0	85.0	90.0	92.0	n/a	n/a	n/a	n/a	13.9	15.3	16.2	16.6	13.9	15.3	16.2	16.6						
	Residential	1/4 acre residential	61.0	75.0	83.0	87.0	n/a	n/a	n/a	n/a	3.1	3.8	4.2	4.4	3.1	3.8	4.2	4.4						
	Residential	1/3 acre residential	57.0	72.0	81.0	86.0	n/a	n/a	n/a	n/a	1.1	1.4	1.6	1.7	1.1	1.4	1.6	1.7						
	Residential	1/2 acre residential	54.0	70.0	80.0	85.0	n/a	n/a	n/a	n/a	0.5	0.7	0.8	0.9	0.5	0.7	0.8	0.9						
	Residential	1 acre residential	51.0	68.0	79.0	84.0	n/a	n/a	n/a	n/a	1.0	1.4	1.6	1.7	1.0	1.4	1.6	1.7						
	Residential	2 acre residential	46.0	65.0	77.0	82.0	n/a	n/a	n/a	n/a	0.9	1.3	1.5	1.6	0.9	1.3	1.5	1.6						
	Industrial	Industrial	81.0	88.0	91.0	93.0	n/a	n/a	n/a	n/a	17.8	19.4	20.0	20.5	17.8	19.4	20.0	20.5						
	Special plan area	Sagebrush w/grass	61.0	73.6	79.4	84.0	30	30	30	30	0.6	0.6	0.7	0.8	0.6	0.6	0.7	0.8						
	Public & semi public/fac	Sagebrush w/grass	61.0	73.6	79.4	84.0	30	30	30	30	4.3	4.3	5.2	5.6	4.3	4.3	5.2	5.6						
	Parks & recreation	Park	49.0	69.0	79.0	84.0	Fair	Fair	Fair	Fair	0.5	0.7	0.8	0.8	0.5	0.7	0.8	0.8						
	Open space	Sagebrush w/grass	56.0	68.3	74.7	79.4	40	40	40	40	3.4	3.4	4.1	4.5	3.4	3.4	4.1	4.5						
General rural	Sagebrush w/grass	56.0	68.3	74.7	79.4	40	40	40	40	9.0	9.0	10.9	12.0	9.0	9.0	10.9	12.0							
RR1	General rural	Sagebrush w/grass	63.5	76.3	81.7	86.5	25	25	25	25	69.1	75.6	82.9	86.5	69.1	75.6	82.9	86.5						84.3
	General rural	Sagebrush w/grass	63.5	76.3	81.7	86.5	25	25	25	25	63.5	63.5	76.3	81.7	63.5	63.5	76.3	81.7						
RRI	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	63.5	63.5	76.3	81.7	63.5	63.5	76.3	81.7						
	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	78.0	81.0	86.0	89.0	78.0	81.0	86.0	89.0						
	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	63.5	63.5	76.3	81.7	63.5	63.5	76.3	81.7						
	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	78.0	81.0	86.0	89.0	78.0	81.0	86.0	89.0						
RRI	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	78.0	81.0	86.0	89.0	78.0	81.0	86.0	89.0						
	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	78.0	81.0	86.0	89.0	78.0	81.0	86.0	89.0						
	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	78.0	81.0	86.0	89.0	78.0	81.0	86.0	89.0						
	Public roads	Streets/roads	78.0	81.0	86.0	89.0	n/a	n/a	n/a	n/a	78.0	81.0	86.0	89.0	78.0	81.0	86.0	89.0						

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area				% Soil group		Weighted CN	
			density	A	B	C	D	A	B	C	D	CN*A	CN*B	CN*C	CN*D	group	CN	CN
RSD	Public roads	Streets/roads	7	77.0	85.0	90.0	92.0	5.4	6.0	6.3	6.4							
	Residential	1/8 acre residential	68	77.0	85.0	90.0	92.0	52.4	57.8	61.2	62.6							
	Residential	1/4 acre residential	1	61.0	75.0	83.0	87.0	0.6	0.8	0.8	0.9							
	Residential	2 acre residential	14	46.0	65.0	77.0	82.0	6.4	9.1	10.8	11.5				A	0	0	
	General commercial	Business/commercial	4	89.0	92.0	94.0	95.0	3.6	3.7	3.8	3.8				B	2	130	
SE1	Industrial	Industrial	1	81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9				C	92	8046	
	Public & semi public/fac	Sagebrush w/grass	5	61.0	73.6	79.4		3.1	3.1	3.7	4.0				D	6	576	
	Public roads	Streets/roads	100					72.2	81.2	87.5	90.0					100	8753	87.5
	Residential	1/8 acre residential	31	77.0	85.0	90.0	92.0	23.9	26.4	27.9	28.5							
	Residential	1/2 acre residential	34	77.0	85.0	90.0	92.0	26.2	28.9	30.6	31.3							
SE2	Residential	1 acre residential	1	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9				A	0	0	
	Residential	2 acre residential	4	51.0	68.0	79.0	84.0	2.0	2.7	3.2	3.4				B	4	358	
	Residential	Business/commercial	4	46.0	65.0	77.0	82.0	1.8	2.6	3.1	3.3				C	87	7837	
	General commercial	Business/commercial	26	89.0	92.0	94.0	95.0	23.1	23.9	24.4	24.7				D	9	800	
	Industrial	Industrial	100					77.6	85.2	90.0	92.0					100	8995	90.0
SE3	Public roads	Streets/roads	12	81.0	88.0	91.0	93.0	9.7	10.6	10.9	11.2				A	0	0	
	Residential	1/8 acre residential	2	77.0	85.0	90.0	92.0	1.5	1.7	1.8	1.8				B	3	231	
	General commercial	Business/commercial	23	89.0	92.0	94.0	95.0	20.5	21.2	21.6	21.9				C	91	8314	
	Industrial	Industrial	63	81.0	88.0	91.0	93.0	51.0	55.4	57.3	58.6				D	7	626	
	Industrial	Industrial	100					82.8	88.9	91.7	93.4					100	9172	91.7
SE4	Public roads	Streets/roads	12	77.0	85.0	90.0	92.0	9.2	10.2	10.8	11.0				A	0	0	
	Residential	1/8 acre residential	86	77.0	85.0	90.0	92.0	66.2	73.1	77.4	79.1				B	2	204	
	Residential	1/4 acre residential	1	61.0	75.0	83.0	87.0	0.6	0.8	0.8	0.9				C	91	8176	
	Industrial	Industrial	1	81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9				D	7	616	
	Industrial	Industrial	100					76.9	84.9	89.9	92.0					100	8996	90.0
SGP	Residential	1/8 acre residential	66	77.0	85.0	90.0	92.0	50.8	56.1	59.4	60.7				A	0	0	
	Residential	1/3 acre residential	6	57.0	72.0	81.0	86.0	3.4	4.3	4.9	5.2				B	5	370	
	Residential	2 acre residential	28	46.0	65.0	77.0	82.0	12.9	18.2	21.6	23.0				C	85	7295	
	Industrial	Industrial	100					67.1	76.6	85.8	88.8				D	10	915	
	Industrial	Industrial	6	81.0	88.0	91.0	93.0	4.9	5.3	5.5	5.6					100	8579	85.8
SI1	Public roads	Streets/roads	6	81.0	88.0	91.0	93.0	66.4	72.2	74.6	76.3				A	5	393	
	Industrial	Industrial	82	81.0	88.0	91.0	93.0	7.3	7.3	8.8	9.5				B	50	4263	
	Public & semi public/fac	Sagebrush w/grass	12	61.0	73.6	79.4		7.3	7.3	8.8	9.5				C	35	3112	
	Public roads	Streets/roads	100					78.6	84.8	88.9	91.4				D	10	886	
	General commercial	Business/commercial	51	78.0	81.0	86.0	89.0	39.8	41.3	43.9	45.4				A	0	0	
SGP	Industrial	Industrial	38	89.0	92.0	94.0	95.0	33.8	35.0	35.7	36.1				B	4	334	
	Industrial	Industrial	2	81.0	88.0	91.0	93.0	1.6	1.8	1.8	1.9				C	89	7834	
	Public & semi public/fac	Sagebrush w/grass	9	61.0	73.6	79.4		5.5	5.5	6.6	7.1				D	7	633	
	Public roads	Streets/roads	100					80.7	83.5	88.0	90.5					100	8802	88.0
	General commercial	Business/commercial	2	81.0	88.0	91.0	93.0	1.6	1.8	1.8	1.9							

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				% Cover density				Curve number				Product CN*Area				% Soil group		Weighted CN		
			1	2	3	100	n/a	n/a	n/a	n/a	A	B	C	D	CN*A	CN*B	CN*C	CN*D	A	B	CN	CN	
SI2	Public roads	Streets/roads	35				n/a	78.0	81.0	86.0	89.0	27.3	28.4	30.1	31.2								
	General commercial	Business/commercial	2				n/a	89.0	92.0	94.0	95.0	1.8	1.8	1.9	1.9					A	0	0	
	Industrial	Industrial	7				n/a	81.0	88.0	91.0	93.0	5.7	6.2	6.4	6.5					B	4	282	
	Public & semi public/fac	Sagebrush w/grass	19				30	61.0	73.6	79.4		11.6	11.6	14.0	15.1					C	89	7083	
	General rural	Sagebrush w/grass	37				30	61.0	73.6	79.4		22.6	22.6	27.2	29.4					D	7	588	
			100									68.9	70.5	79.6	84.0					100		7953	79.5
SK1	Public roads	Streets/roads	3				n/a	54.0	70.0	80.0	85.0	1.6	2.1	2.4	2.6								
	Residential	1/2 acre residential	3				n/a	54.0	70.0	80.0	85.0	1.6	2.1	2.4	2.6								
	Residential	1 acre residential	25				n/a	51.0	68.0	79.0	84.0	12.8	17.0	19.8	21.0					A	0	11	
	Residential	2 acre residential	5				n/a	46.0	65.0	77.0	82.0	2.3	3.3	3.9	4.1					B	12	747	
	Parks & recreation	Park	4				Fair	49.0	69.0	79.0	84.0	2.0	2.8	3.2	3.4					C	61	4650	
	General rural	Sagebrush w/grass	60				30	61.0	73.6	79.4		36.6	36.6	44.2	47.6					D	27	2168	
			100									56.9	63.8	75.7	81.2					100		7576	75.8
SK2	Public roads	Streets/roads	3				n/a	81.0	88.0	91.0	93.0	2.4	2.6	2.7	2.8								
	Residential	1 acre residential	28				n/a	51.0	68.0	79.0	84.0	14.3	19.0	22.1	23.5								
	Residential	2 acre residential	7				n/a	46.0	65.0	77.0	82.0	3.2	4.6	5.4	5.7					A	0	6	
	Industrial	Industrial	25				n/a	81.0	88.0	91.0	93.0	20.3	22.0	22.8	23.3					B	21	1469	
	Public & semi public/fac	Park	11				Fair	49.0	69.0	79.0	84.0	5.4	7.6	8.7	9.2					C	32	2554	
	General rural	Sagebrush w/grass	26				30	61.0	73.6	79.4		15.9	15.9	19.1	20.6					D	48	4071	
			100									61.4	71.7	80.8	85.2					100		8101	81.0
SK3	Public roads	Streets/roads	1				n/a	81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9								
	Residential	1 acre residential	15				n/a	51.0	68.0	79.0	84.0	7.7	10.2	11.9	12.6								
	Residential	2 acre residential	1				n/a	46.0	65.0	77.0	82.0	0.5	0.7	0.8	0.8								
	General commercial	Business/commercial	18				n/a	89.0	92.0	94.0	95.0	16.0	16.6	16.9	17.1								
	Industrial	Industrial	14				n/a	81.0	88.0	91.0	93.0	11.3	12.3	12.7	13.0					A	2	99	
	Public & semi public/fac	Sagebrush w/grass	18				35	58.5	71.0	77.0		10.5	10.5	12.8	13.9					B	22	1557	
Parks & recreation	Sagebrush w/grass	3				35	58.5	71.0	77.0		1.8	1.8	2.1	2.3					C	50	3937		
General rural	Sagebrush w/grass	30				35	58.5	71.0	77.0		17.6	17.6	21.3	23.1					D	27	2245		
			100									66.1	70.4	79.4	83.8					100		7838	78.4
SK4	Residential	1 acre residential	7				n/a	51.0	68.0	79.0	84.0	3.6	4.8	5.5	5.9								
	General commercial	Business/commercial	4				n/a	89.0	92.0	94.0	95.0	3.6	3.7	3.8	3.8								
	Industrial	Industrial	29				n/a	81.0	88.0	91.0	93.0	23.5	25.5	26.4	27.0					A	1	85	
	Public & semi public/fac	Sagebrush w/grass	3				35	58.5	71.0	77.0		1.8	1.8	2.1	2.3					B	25	1706	
	Parks & recreation	Sagebrush w/grass	6				35	58.5	71.0	77.0		3.5	3.5	4.3	4.6					C	47	3670	
	General rural	Sagebrush w/grass	51				35	58.5	71.0	77.0		29.8	29.8	36.2	39.3					D	27	2246	
			100									65.7	69.1	78.3	82.9					100		7707	77.1

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area			% Soil group		Weighted CN	CN	
			% cover by area	% Cover density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	A	B	D			
SLE	Public roads	Streets/roads	25	n/a	77.0	85.0	90.0	92.0	19.3	21.3	22.5	23.0						
	Residential	1/8 acre residential	58	n/a	77.0	85.0	90.0	92.0	44.7	49.3	52.2	53.4						
	Residential	1/4 acre residential	1	n/a	61.0	75.0	83.0	87.0	0.6	0.8	0.8	0.9						
	Residential	1/3 acre residential	12	n/a	57.0	72.0	81.0	86.0	6.8	8.6	9.7	10.3						
	Residential	1/2 acre residential	1	n/a	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9						
	Residential	1 acre residential	1	n/a	51.0	68.0	79.0	84.0	0.5	0.7	0.8	0.8						
SLK	Residential	2 acre residential	2	n/a	46.0	65.0	77.0	82.0	0.9	1.3	1.5	1.6						
	Public roads	Streets/roads	100		73.3	82.6	88.4	90.9	73.3	82.6	88.4	90.9						
	Residential	1/8 acre residential	2	n/a	77.0	85.0	90.0	92.0	1.5	1.7	1.8	1.8						
	Residential	1/8 acre residential	11	n/a	77.0	85.0	90.0	92.0	8.5	9.4	9.9	10.1						
	Residential	1 acre residential	1	n/a	51.0	68.0	79.0	84.0	0.5	0.7	0.8	0.8						
	Industrial	Industrial	5	n/a	81.0	88.0	91.0	93.0	4.1	4.4	4.6	4.7						
	Special plan area	Sagebrush w/grass	10	30	61.0	73.6	79.4		6.1	6.1	7.4	7.9						
	Open space	Sagebrush w/grass	23	30	61.0	73.6	79.4		14.0	14.0	16.9	18.3						
	General rural	Impervious / water	48	n/a	98.0	98.0	98.0	98.0	47.0	47.0	47.0	47.0						
				100		81.7	83.3	88.4	90.7	81.7	83.3	88.4	90.7					
SL1	Public roads	Streets/roads	19	n/a	77.0	85.0	90.0	92.0	14.6	16.2	17.1	17.5						
	Residential	1/8 acre residential	56	n/a	77.0	85.0	90.0	92.0	43.1	47.6	50.4	51.5						
	Residential	1/3 acre residential	25	n/a	57.0	72.0	81.0	86.0	14.3	18.0	20.3	21.5						
SL2	Public roads	Streets/roads	100		72.0	81.8	87.8	90.5	72.0	81.8	87.8	90.5						
	Residential	1/8 acre residential	22	n/a	77.0	85.0	90.0	92.0	16.9	18.7	19.8	20.2						
SL3a	Public roads	Streets/roads	78	n/a	77.0	85.0	90.0	92.0	60.1	66.3	70.2	71.8						
	Residential	1/8 acre residential																
	Public roads	Streets/roads	100		77.0	85.0	90.0	92.0	77.0	85.0	90.0	92.0						
	Residential	1/8 acre residential	12	n/a	77.0	85.0	90.0	92.0	9.2	10.2	10.8	11.0						
	Residential	1/4 acre residential	81	n/a	77.0	85.0	90.0	92.0	62.4	68.9	72.9	74.5						
SL3b	Parks & recreation	Golf course	1	n/a	61.0	75.0	83.0	87.0	0.6	0.8	0.8	0.9						
	Public roads	Streets/roads	6	Fair	49.0	69.0	79.0	84.0	2.9	4.1	4.7	5.0						
	Residential	1/8 acre residential	100		75.2	83.9	89.3	91.5	75.2	83.9	89.3	91.5						
	Residential	1/4 acre residential	24	n/a	77.0	85.0	90.0	92.0	18.5	20.4	21.6	22.1						
	Residential	1/3 acre residential	46	n/a	77.0	85.0	90.0	92.0	35.4	39.1	41.4	42.3						
	Industrial	Industrial	7	n/a	61.0	75.0	83.0	87.0	4.3	5.3	5.8	6.1						
Public & semi public/tac	Industrial	Industrial	1	n/a	57.0	72.0	81.0	86.0	0.6	0.7	0.8	0.9						
	Industrial	Industrial	21	n/a	81.0	88.0	91.0	93.0	17.0	18.5	19.1	19.5						
	Industrial	Industrial	1	n/a	81.0	88.0	91.0	93.0	0.8	0.9	0.9	0.9						
	Industrial	Industrial (school)	100		76.6	84.8	89.6	91.8	76.6	84.8	89.6	91.8						

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				Curve number				Product CN*Area				% Soil		Weighted	
			density	A	B	C	D	CN*A	CN*B	CN*C	CN*D	group	CN	CN	CN			
SRS	Public roads	Streets/roads	36	89.0	92.0	94.0	95.0	32.0	33.1	33.8	34.2	34.2	0	0	0	0	0	
	General commercial	Business/commercial	47	89.0	92.0	94.0	95.0	41.8	43.2	44.2	44.7	44.7	4	4	347	4	347	
	Public & semi public/fac	Sagebrush w/grass	14	61.0	73.6	79.4		8.5	8.5	10.3	11.1	11.1	89	89	8058	89	8058	
	General rural	Sagebrush w/grass	3	61.0	73.6	79.4		1.8	1.8	2.2	2.4	2.4	7	7	646	7	646	
			100					84.2	86.7	90.5	92.3	100	100	9051	100	9051		
SS1a	Public roads	Streets/roads	49	77.0	85.0	90.0	92.0	37.7	41.7	44.1	45.1	45.1	0	0	0	0	0	
	Residential	1/8 acre residential	24	77.0	85.0	90.0	92.0	18.5	20.4	21.6	22.1	22.1	A	0	0	0	0	
	Residential	1/4 acre residential	3	61.0	75.0	83.0	87.0	1.8	2.3	2.5	2.6	2.6	B	5	401	5	401	
	Residential	1/3 acre residential	2	57.0	72.0	81.0	86.0	1.1	1.4	1.6	1.7	1.7	C	87	7559	87	7559	
	Residential	1 acre residential	7	51.0	68.0	79.0	84.0	3.6	4.8	5.5	5.9	5.9	D	8	717	8	717	
	Residential	2 acre residential	15	46.0	65.0	77.0	82.0	6.9	9.8	11.6	12.3	12.3	100	100	8678	100	8678	
			100					69.7	80.3	86.9	89.7	100	100	8678	100	8678		
SS1b	Residential	1/8 acre residential	100	77.0	85.0	90.0	92.0	77.0	85.0	90.0	92.0	92.0	A	0	0	0	0	
													B	5	425	5	425	
													C	87	7830	87	7830	
													D	8	736	8	736	
													100	8991	100	8991		
			100					77.0	85.0	90.0	92.0	92.0	100	8991	100	8991		
SS2	Public roads	Streets/roads	38	77.0	85.0	90.0	92.0	29.3	32.3	34.2	35.0	35.0	0	0	0	0	0	
	Residential	1/8 acre residential	56	77.0	85.0	90.0	92.0	43.1	47.6	50.4	51.5	51.5	A	0	0	0	0	
	Residential	1/4 acre residential	1	61.0	75.0	83.0	87.0	0.6	0.8	0.8	0.9	0.9	B	5	440	5	440	
	Residential	1/2 acre residential	1	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9	0.9	C	87	7785	87	7785	
	Residential	1 acre residential	2	51.0	68.0	79.0	84.0	1.0	1.4	1.6	1.7	1.7	D	8	734	8	734	
	General commercial	Business/commercial	2	89.0	92.0	94.0	95.0	1.8	1.8	1.9	1.9	1.9	100	100	8959	100	8959	
			100					76.3	84.6	89.7	91.8	100	100	8959	100	8959		
SS3	Public roads	Streets/roads	20	77.0	85.0	90.0	92.0	15.4	17.0	18.0	18.4	18.4	0	0	0	0	0	
	Residential	1/8 acre residential	53	77.0	85.0	90.0	92.0	40.8	45.1	47.7	48.8	48.8	A	0	0	0	0	
	Residential	1/4 acre residential	16	61.0	75.0	83.0	87.0	9.8	12.0	13.3	13.9	13.9	B	5	387	5	387	
	Residential	1/3 acre residential	2	57.0	72.0	81.0	86.0	1.1	1.4	1.6	1.7	1.7	C	38	3341	38	3341	
	Residential	1/2 acre residential	1	54.0	70.0	80.0	85.0	0.5	0.7	0.8	0.9	0.9	D	57	5206	57	5206	
	Residential	1 acre residential	2	51.0	68.0	79.0	84.0	1.0	1.4	1.6	1.7	1.7	100	100	8934	100	8934	
			100					72.8	82.4	88.2	90.7	100	100	8934	100	8934		
ST1	Public roads	Streets/roads	15	89.0	92.0	94.0	95.0	13.4	13.8	14.1	14.3	14.3	A	0	0	0	0	
	General commercial	Business/commercial	44	89.0	92.0	94.0	95.0	39.2	40.5	41.4	41.8	41.8	B	2	123	2	123	
	Industrial	Industrial	10	81.0	88.0	91.0	93.0	8.1	8.8	9.1	9.3	9.3	C	92	8048	92	8048	
	Public & semi public/fac	Sagebrush w/grass	31	61.0	73.6	79.4		18.9	18.9	22.8	24.6	24.6	D	6	576	6	576	
				100					79.5	82.0	87.4	90.0	100	100	8746.7	100	8746.7	

**City of Reno - Stead Master Drainage Study
Proposed Curve Numbers**

Basin	Proposed land use	CN designation	% cover by area				% Cover density				Curve number				Product CN*Area				% Soil group		Weighted CN				
			9	23	12	4	4	43	5	100	A	B	C	D	CN*A	CN*B	CN*C	CN*D	CN^D	group	CN	CN	CN		
ST2	Public roads	Streets/roads	9																						
	Residential	1/8 acre residential	23	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	7.3	7.9	8.2	8.4									
	Residential	1/4 acre residential	12	n/a	n/a	n/a	n/a	n/a	77.0	85.0	90.0	92.0	17.7	19.6	20.7	21.2									
	Residential	2 acre residential	4	n/a	n/a	n/a	n/a	n/a	61.0	75.0	83.0	87.0	7.3	9.0	10.0	10.4									
	General commercial	Business/commercial	4	n/a	n/a	n/a	n/a	n/a	46.0	65.0	77.0	82.0	1.8	2.6	3.1	3.3					A	0	30		
	Industrial	Industrial	43	n/a	n/a	n/a	n/a	n/a	89.0	92.0	94.0	95.0	3.6	3.7	3.8	3.8					B	7	613		
ST3	Parks & recreation	Park	5	Fair					81.0	88.0	91.0	93.0	34.8	37.8	39.1	40.0					C	84	7474		
	Public roads	Streets/roads	100						49.0	69.0	79.0	84.0	2.5	3.5	4.0	4.2					D	8	739		
	Residential	1/8 acre residential	8	25					77.0	85.0	90.0	92.0	6.2	6.8	7.2	7.4						100	8857	88.6	
	Residential	1/4 acre residential	24	n/a	n/a	n/a	n/a	n/a	77.0	85.0	90.0	92.0	18.5	20.4	21.6	22.1									
	Residential	1/3 acre residential	8	n/a	n/a	n/a	n/a	n/a	61.0	75.0	83.0	87.0	4.9	6.0	6.6	7.0									
	Residential	1 acre residential	2	n/a	n/a	n/a	n/a	n/a	57.0	72.0	81.0	86.0	1.1	1.4	1.6	1.7									
TP1	Residential	1 acre residential	1	n/a	n/a	n/a	n/a	n/a	51.0	68.0	79.0	84.0	0.5	0.7	0.8	0.8					A	0	8		
	Residential	2 acre residential	2	n/a	n/a	n/a	n/a	n/a	46.0	65.0	77.0	82.0	0.9	1.3	1.5	1.6					B	52	4379		
	Industrial	Industrial	16	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	13.0	14.1	14.6	14.9					C	44	3891		
	Public & semi public/fac	Industrial	39	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	31.6	34.3	35.5	36.3					D	5	450		
	Public roads	Streets/roads	100						76.6	85.0	89.4	91.8	7.6	8.5	8.9	9.1						100	8726	87.3	
	Residential	1/8 acre residential	6	n/a	n/a	n/a	n/a	n/a	77.0	85.0	90.0	92.0	4.6	5.1	5.4	5.5					A	0	0		
TP2	Industrial	Industrial	88	n/a	n/a	n/a	n/a	n/a	77.0	85.0	90.0	92.0	67.8	74.8	79.2	81.0					B	4	365		
	Public & semi public/fac	Sagebrush w/grass	5	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	4.1	4.4	4.6	4.7					C	90	8054		
	Public roads	Streets/roads	1	30					61.0	73.6	79.4		0.6	0.6	0.7	0.8					D	6	561		
	Public roads	Streets/roads	100						77.0	84.9	89.9	91.9	7.7	8.9	8.9	9.1						100	8980	89.8	
	Residential	1/8 acre residential	5	n/a	n/a	n/a	n/a	n/a	77.0	85.0	90.0	92.0	3.9	4.3	4.5	4.6					A	4	339		
	Industrial	Industrial	46	n/a	n/a	n/a	n/a	n/a	77.0	85.0	90.0	92.0	35.4	39.1	41.4	42.3					B	15	1274		
UPR	Public & semi public/fac	Sagebrush w/grass	40	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	32.4	35.2	36.4	37.2					C	51	4488		
	Public roads	Streets/roads	9	35					58.5	71.0	77.0		5.3	5.3	6.4	6.9					D	30	2713		
	Industrial	Industrial	100						76.9	83.8	88.7	91.1	7.6	8.8	8.7	9.1						100	8813	88.1	
	Public roads	Streets/roads	12	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	9.7	10.6	10.9	11.2					A	0	24		
	Industrial	Industrial	88	n/a	n/a	n/a	n/a	n/a	81.0	88.0	91.0	93.0	71.3	77.4	80.1	81.8					B	1	106		
	Public roads	Streets/roads	100						81.0	88.0	91.0	93.0	81.0	88.0	91.0	93.0					C	30	2694		
Industrial	Industrial	69						81.0	88.0	91.0	93.0	81.0	88.0	91.0	93.0					D	69	6408			
Public roads	Streets/roads	100						81.0	88.0	91.0	93.0	81.0	88.0	91.0	93.0						100	9231	92.3		

Note: All % cover by area estimates based upon land use file 110489.xls

US BUREAU OF RECLAMATION METHOD

BASIN	K_n	L (ft)	L_c (ft)	EL_{hi}	EL_{lo}	S (ft/mi)	T_{LAG}
AW1	0.09	1855	845	5540	5314.6	642	0.26
AW2	0.09	9855	4715	6420	5285.8	608	0.82
AW3		2700		5323	5165.9	307	0.00
BER	0.085	8800	5000	5300	4930	222	0.90
ESB		4600		5300	5091	240	0.00
FR1	0.09	34620	16515	6512	5095	216	2.22
FR2	0.09	26580	11230	6925	5095	364	1.64
GC1		3460		5136	5022	174	0.00
GC2		6425		5162	4964.9	162	0.00
GC3		4100		5139	4968	220	0.00
GR1	0.09	3750	1100	5920	4978	1326	0.32
GR2	0.09	3340	1680	5640	4990	1028	0.37
GR3	0.09	3025	1435	5540	5010	925	0.35
GR4	0.09	8390	5335	5700	5032	420	0.86
GV1	0.09	11410	5750	5265	5060	95	1.24
GV2		9015		5390	5012	221	0.00
GV3		7420		5153	5012	100	0.00
HR1		3300		5250	5130	192	0.00
HR2		1490		5165	5100	230	0.00
HR3		2960		5216	5112	186	0.00
LD1		7520		5190	4970	154	0.00
LD2		5030		5360	4981	398	0.00
LD3		6475		4960	4915	37	0.00
LEA		5615		5040	4974.6	61	0.00
LLK		5510		5085	4915	163	0.00
LVL		5710		4997	4955	39	0.00
LV1		8990		5600	4940	388	0.00
LV2	0.09	22155	9455	5720	4916	192	1.63
LV3	0.09	8665	5100	5260	4915	210	0.96
LV4	0.09	19505	5985	5480	4967	139	1.41
LV5	0.09	18645	9210	5640	4990	184	1.53
MA1		7685		5047	4941.3	73	0.00
MA2		2065		5046	4988	148	0.00
MG1		4460		5270	5100	201	0.00
ML1	0.09	10010	5180	5130	4959	90	1.16
ML2		4960		4955	4915	43	0.00
ML3		4515		4990	4943	55	0.00
MOY	0.07	12210	6715	5042	4966	33	1.24
NVD		3175		5010	4940	116	0.00
NV1		2310		5270	5165	240	0.00
PA1	0.09	11900	4945	6360	5172	527	0.90
PA2	0.09	7790	3215	5960	5193	520	0.68
PA3	0.09	5795	2420	5640	5214	388	0.59
PA4		1410		5326	5228	367	0.00
PA5		490		5241	5212	312	0.00

US BUREAU OF RECLAMATION METHOD

BASIN	K_n	L (ft)	L_c (ft)	EL_{hi}	EL_{lo}	S (ft/mi)	T_{LAG}
PA6		1010		5244	5191.6	274	0.00
PA7		2675		5242	5146	189	0.00
PAT	0.085	12035	5680	5640	4917	317	0.98
PE1a	0.09	1870	805	5680	5290	1101	0.24
PE1b	0.09	2665	1090	5850	5295.7	1098	0.30
PE2	0.09	6815	3475	6380	5292.7	842	0.62
PE3	0.09	2655	1045	5800	5281.8	1031	0.30
PE4	0.09	12950	5025	6462	5085	561	0.93
PE5	0.09	22110	12080	7250	5229.6	482	1.51
PE6	0.09	2935	1025	5440	5222.3	392	0.36
PE7	0.09	13600	6605	6330	5217.4	432	1.08
PH1	0.09	2830	1230	5480	5192.1	537	0.35
PW1	0.09	7400	3000	6650	5312	955	0.59
PW2	0.09	5235	2300	6269	5220	1058	0.48
PW3	0.09	12670	6830	7480	5084	998	0.92
PW4	0.09	13010	6130	8135	5067	1245	0.87
PW5	0.09	16300	11625	8266	5094	1027	1.19
PW6	0.09	17660	8360	8250	5105	940	1.11
PW7	0.09	18985	11595	8170	5316.5	794	1.31
RH1	0.09	7625	2855	5580	5114	323	0.71
RR1	0.09	25725	9905	6423	5128	266	1.64
RRI		1610		5130	5086.9	141	0.00
RSD		2680		5194	5088	209	0.00
SE1		3380		5130	5059	111	0.00
SE2		2160		5115	5064	125	0.00
SE3		1940		5080	5028	142	0.00
SE4		1690		5030	4996	106	0.00
SGP		3620		4982	4928	79	0.00
SI1		1855		5170	5107	179	0.00
SI2		1055		5162	5104	290	0.00
SK1	0.09	10655	4110	5720	4970	372	0.87
SK2	0.09	18095	7060	5700	4960	216	1.35
SK3	0.09	22765	8945	5896	4980	212	1.58
SK4	0.09	21940	6045	6030	5017	244	1.34
SLE		3985		5198	5100	130	0.00
SLK		4100		5000	4960	52	0.00
SL1		1255		5236	5133	433	0.00
SL2		2625		5236	5112	249	0.00
SL3a		3320		5162	5003.5	252	0.00
SL3b		3885		5129	4978	205	0.00
SRS		3215		5223	5112.7	181	0.00
SS1a		2035		5224	5106	306	0.00
SS1b		700		5184	5122	468	0.00
SS2		3980		5168	5044	165	0.00
SS3		5075		5060	4978	85	0.00
ST1		4200		5164	5076	111	0.00

US BUREAU OF RECLAMATION METHOD

BASIN	K_n	L (ft)	L_c (ft)	EL_{hi}	EL_{lo}	S (ft/mi)	T_{LAG}
ST2		6120		5082	4973.8	93	0.00
ST3		8010		5048	4982	44	0.00
SV3							
SV4							
SV5							
SV6							
SV7							
TP1		2410		5218	5134	184	0.00
TP2		3100		5237	5126	189	0.00
UPR		2725		4984	4970	27	0.00
AAA	USBR lagtime						
AAA	See T_cLag						

Time of Concentration Lag Equation

BASIN	CN	R	L ₁ (ft)	H _i	Lo ₁	S ₁ (%)	T _i	L ₁ (ft)	H _i	Lo ₁	S ₁ (%)	V ₁ (f/s)	T ₁
AW3	88	0.777	500	5323	5288	7.0	6.84	675	5288	5234	8.0	5.75	1.96
BER	74	0.582	500	5300	5265	7.0	10.98	2190	5265	5025	11.0	6.729	5.42
ESB	89	0.782	500	5300	5240	12.0	5.63	1480	5240	5190	3.4	3.736	6.60
FR1													
FR2													
GC1	80	0.671	500	5108	5092	3.2	11.76	1310	5092	5058	2.6	3.275	6.67
GC2	82	0.692	500	5162	5132	6.0	9.08	4505	5132	5000	2.9	3.48	21.58
GC3	87	0.76	500	5139	5120	3.8	8.82	3600	5120	4968	4.2	4.177	14.36
GR1													
GR2													
GR3													
GR4	75	0.601	500	5700	5667	6.6	10.77	2935	5667	5300	12.5	7.188	6.81
GV1													
GV2	74	0.588	500	5390	5340	10.0	9.64	800	5340	5200	17.5	8.504	1.57
GV3	84	0.715	405	5153	5134	4.7	8.38	1665	5134	5102	1.9	2.818	9.85
HR1	81	0.678	500	5250	5230	4.0	10.75	2800	5230	5130	3.6	3.842	12.15
HR2	86	0.75	500	5165	5140	5.0	8.27	990	5140	5100	4.0	4.086	4.04
HR3	85	0.729	500	5216	5186	6.0	8.26	2460	5186	5112	3.0	3.526	11.63
LD1	84	0.712	500	5190	5160	6.0	8.64	4120	5160	5000	3.9	4.006	17.14
LD2	75	0.603	500	5360	5230	26.0	6.83	1190	5230	5011	18.4	8.721	2.27
LD3	76	0.609	500	4960	4955	1.0	19.75	5975	4955	4915	0.7	1.663	59.87
LEA	91	0.813	500	5040	5032	1.6	9.91	3915	5032	4981	1.3	2.32	28.12
LLK	89	0.785	500	5085	5060	5.0	7.46	5010	5060	4915	2.9	3.458	24.14
LVL	88	0.765	500	4997	4991	1.2	12.70	5210	4991	4955	0.7	1.69	51.39
LV1	75	0.597	500	5600	5512	17.6	7.85	2470	5512	5240	11.0	6.746	6.10
LV2													
LV3													
LV4													
LV5													

BASIN	L ₂ (ft)	Hi ₂	LO ₂	S ₂ (%)	V ₂ (f/s)	T ₂	L ₃ (ft)	Hi ₃	LO ₃	S ₃ (%)	V ₃ (f/s)	T ₃	T _c	T _{lag}
AW3	7	1530	5234	5166	4.5	4.289	5.95						0.00	0.00
BER	7	1610	5025	4964	3.789	3.957	6.78	4500	4964	4930	0.756	1.767	42.45	0.15
ESB	7	2620	5190	5091	3.779	3.952	11.05						65.63	0.66
FR1													23.29	0.23
FR2													0.00	0.00
GC1	7	2510	5058	5022	1.434	2.435	17.18						0.00	0.00
GC2	7	1270	4973	4965	0.638	1.623	13.04						35.61	0.36
GC3													43.70	0.44
GR1													23.18	0.23
GR2													0.00	0.00
GR3													0.00	0.00
GR4	7	4945	5300	5032	5.42	4.732	17.42						34.99	0.35
GV1													0.00	0.00
GV2	7	4575	5200	5060	3.06	3.556	21.44	3140	5060	5012	1.529	2.513	20.82	0.53
GV3	7	5350	5102	5012	1.682	2.637	33.82						52.04	0.52
HR1													22.90	0.23
HR2													12.31	0.12
HR3													19.89	0.20
LD1	7	2900	5000	4970	1.034	2.068	23.38						49.16	0.49
LD2	7	3340	5011	4981	0.898	1.927	28.89						38.00	0.38
LD3													79.63	0.80
LEA	7	1200	4981	4975	0.533	1.485	13.47						51.50	0.52
LLK													31.60	0.32
LVL													64.08	0.64
LV1	7	3640	5240	4960	7.692	5.638	10.76	2375	4960	4940	0.842	1.865	21.22	0.46
LV2													0.00	0.00
LV3													0.00	0.00
LV4													0.00	0.00
LV5													0.00	0.00

Time of Concentration Lag Equation

BASIN	CN	R	L _i (ft)	H _i	Lo _i	S _i (%)	T _i	L ₁ (ft)	H _{i1}	Lo ₁	S ₁ (%)	V ₁ (f/s)	T ₁
MA1	79	0.649	500	5047	5033	2.8	12.93	2615	5033	4974	2.3	3.053	14.27
MA2	86	0.748	500	5046	5028	3.6	9.29	1565	5028	4988	2.6	3.25	8.03
MG1	86	0.75	500	5270	5230	8.0	7.08	3960	5230	5100	3.3	3.683	17.92
ML1	84	0.719	500	5130	5110	4.0	9.71	1160	5110	5060	4.3	4.22	4.58
ML2	81	0.682	500	4955	4950	1.0	16.83	4460	4950	4915	0.8	1.801	41.28
ML3	82	0.698	500	4990	4978	2.4	12.13	2280	4978	4953	1.1	2.129	17.85
MOY													
NVD	85	0.732	500	5010	4958	10.4	6.84	2675	4958	4940	0.7	1.668	26.74
NV1	89	0.778	500	5270	5220	10.0	6.06	1810	5220	5165	3.0	3.544	8.51
PA1	68	0.502	500	6360	6280	16.0	9.64	11400	6280	5172	9.7	6.337	29.98
PA2	71	0.549	500	5960	5820	28.0	7.39	7270	5820	5193	8.6	5.97	20.30
PA3	78	0.644	500	5640	5585	11.0	8.33	4430	5585	5244	7.7	5.64	13.09
PA4	89	0.78	500	5326	5290	7.2	6.72	910	5290	5228	6.8	5.306	2.86
PA5	90	0.801	285	5241	5221	7.0	4.78	205	5221	5212	4.4	4.259	0.80
PA6	91	0.806	350	5244	5217	7.7	5.05	660	5217	5192	3.8	3.988	2.76
PA7	81	0.677	500	5242	5232	2.0	13.56	1470	5232	5192	2.7	3.353	7.31
PAT	71	0.551	500	5640	5530	22.0	7.97	10350	5530	4921	5.9	4.931	34.98
PE1a													
PE1b													
PE2													
PE3													
PE4													
PE5													
PE6	73	0.568	500	5440	5405	7.0	11.26	2435	5405	5222	7.5	5.568	7.29
PE7	74	0.582	500	6330	6220	22.0	7.52	4925	6220	5700	10.6	6.605	12.43
PH1	82	0.688	500	5480	5340	28.0	5.52	2330	5340	5192	6.3	5.122	7.58
PW1													
PW2													
PW3													
PW4													
PW5													
PW6													

BASIN	L ₂ (ft)	Hi ₂	Lo ₂	S ₂ (%)	V ₂ (f/s)	T ₂	L ₃ (ft)	Hi ₃	Lo ₃	S ₃ (%)	V ₃ (f/s)	T ₃	T _c	T _{lag}		
MA1	7	745	4974	4966	1.074	2.107	5.89	7	3825	4966	4941	0.646	1.634	39.03	72.12	0.72
MA2															17.31	0.17
MG1															25.00	0.25
ML1	7	3750	5060	5000	1.6	2.571	24.31	7	4600	5000	4959	0.891	1.919	39.95	78.55	0.79
ML2															58.11	0.58
ML3	7	1735	4953	4943	0.576	1.543	18.74								48.72	0.49
MOY															0.00	0.00
NVD															33.58	0.34
NV1															14.57	0.15
PA1															39.62	0.40
PA2															27.69	0.28
PA3	7	865	5244	5214	3.5	3.786	3.81								25.23	0.25
PA4															9.58	0.10
PA5															5.58	0.06
PA6															7.80	0.08
PA7	7	595	5170	5146	4.0	4.083	2.43								23.29	0.23
PAT	7	1160	4921	4917	0.3	1.194	16.20								59.14	0.59
PE1a															0.00	0.00
PE1b															0.00	0.00
PE2															0.00	0.00
PE3															0.00	0.00
PE4															0.00	0.00
PE5															0.00	0.00
PE6															18.55	0.19
PE7	7	3485	5700	5420	8.0	5.762	10.08	7	4685	5420	5217	4.3	4.227	18.47	48.50	0.49
PH1															13.10	0.13
PW1															0.00	0.00
PW2															0.00	0.00
PW3															0.00	0.00
PW4															0.00	0.00
PW5															0.00	0.00
PW6															0.00	0.00

Time of Concentration Lag Equation

BASIN	CN	R	L _i (ft)	H _{li}	Lo _i	S _i (%)	T _i	L ₁ (ft)	H _{i1}	Lo ₁	S ₁ (%)	V ₁ (f/s)	T ₁	
<i>PWT</i>														
RH1	84	0.723	500	5580	5440	28.0	5.06	7	1335	5440	5320	9.0	6.095	3.65
<i>RR1</i>														
RR1	86	0.747	300	5130	5113	5.7	6.22	7	1310	5113	5087	2.0	2.869	7.61
RSD	88	0.765	500	5194	5169	5.0	7.93	7	2180	5169	5088	3.7	3.918	9.27
SE1	90	0.798	500	5130	5116	2.8	8.65	7	2880	5116	5059	2.0	2.86	16.78
SE2	92	0.82	500	5115	5100	3.0	7.83	7	1655	5100	5064	2.2	2.998	9.20
SE3	90	0.798	125	5080	5076	3.2	4.14	7	2820	5076	5028	1.7	2.652	17.72
SE4	86	0.743	500	5030	5019	2.2	11.09	7	1190	5019	4996	1.9	2.826	7.02
SGP	87	0.752	500	4955	4940	3.0	9.75	7	3545	4940	4915	0.7	1.707	34.61
SI1	88	0.772	500	5170	5142	5.6	7.49	7	1355	5142	5107	2.6	3.267	6.91
SI2	80	0.659	500	5162	5129	6.6	9.51	7	555	5129	5104	4.5	4.314	2.14
<i>SK1</i>														
<i>SK2</i>														
<i>SK3</i>														
<i>SK4</i>														
SLE	88	0.776	500	5198	5168	6.0	7.23	7	370	5168	5150	4.9	4.484	1.38
SLK	90	0.801	150	5000	4993	4.7	3.97	7	3205	4993	4960	1.0	2.063	25.90
SL1	88	0.768	500	5236	5159	15.4	5.43	7	755	5146	5133	1.7	2.667	4.72
SL2	90	0.797	500	5236	5230	1.2	11.50	7	600	5230	5216	2.3	3.105	3.22
SL3a	89	0.787	500	5130	5120	2.0	10.01	7	2400	5120	5032	3.7	3.893	10.28
SL3b	90	0.799	90	5129	5128	1.1	4.96	7	2915	5128	5006	4.2	4.159	11.68
SRS	91	0.805	500	5223	5198	5.0	6.99	7	390	5198	5164	8.7	6.002	1.08
SS1a	87	0.756	500	5224	5207	3.4	9.25	7	395	5207	5194	3.3	3.688	1.79
SS1b	90	0.797	235	5184	5133	21.7	3.03	7	465	5133	5122	2.4	3.127	2.48
SS2	90	0.793	500	5168	5136	6.4	6.70	7	535	5136	5104	6.0	4.972	1.79
SS3	89	0.789	170	5060	5050	5.9	4.07	7	2765	5050	4998	1.9	2.788	16.53
ST1	88	0.765	500	5164	5155	1.8	11.11	7	2345	5155	5102	2.3	3.056	12.79
ST2	89	0.78	200	5056	5052	2.0	6.49	7	6125	5052	4974	1.3	2.297	44.44
ST3	87	0.762	500	5048	5043	1.0	13.59	7	7505	5043	4982	0.8	1.833	68.25
<i>SV3</i>														
<i>SV4</i>														

BASIN	L ₂ (ft)	Hi ₂	Lo ₂	S ₂ (%)	V ₂ (f/s)	T ₂	L ₃ (ft)	Hi ₃	Lo ₃	S ₃ (%)	V ₃ (f/s)	T ₃	T _c	T _{lag}
<i>PWT</i>														
<i>RH1</i>	7	3205	5320	5180	4.4	4.249	12.57	7	2585	5180	5114	2.6	3.248	13.26
<i>RR1</i>														
<i>RRI</i>														
<i>RSD</i>														
<i>SE1</i>														
<i>SE2</i>														
<i>SE3</i>														
<i>SE4</i>														
<i>SGP</i>														
<i>SI1</i>														
<i>SI2</i>														
<i>SK1</i>														
<i>SK2</i>														
<i>SK3</i>														
<i>SK4</i>														
<i>SLE</i>	7	625	5150	5134	2.6	3.253	3.20	7	2485	5134	5100	1.4	2.378	17.42
<i>SLK</i>														
<i>SL1</i>														
<i>SL2</i>	7	240	5202	5137	27.1	10.58	0.38	7	1285	5134	5112	1.7	2.66	8.05
<i>SL3a</i>														
<i>SL3b</i>	7	875	5000	4978	2.5	3.223	4.52							
<i>SRS</i>	7	2325	5164	5113	2.2	3.02	12.83							
<i>SS1a</i>	7	1000	5156	5106	5.0	4.546	3.67							
<i>SS1b</i>														
<i>SS2</i>	7	2945	5104	5044	2.0	2.902	16.92							
<i>SS3</i>	7	2140	4998	4978	0.9	1.965	18.15							
<i>ST1</i>	7	1350	5102	5076	1.9	2.821	7.98							
<i>ST2</i>														
<i>ST3</i>														
<i>SV3</i>														
<i>SV4</i>														

Time of Concentration Lag Equation

BASIN	CN	R	L ₁ (ft)	H _{i1}	Lo ₁	S _i (%)	T _i	L ₁ (ft)	H _{i1}	Lo ₁	S ₁ (%)	V ₁ (f/s)	T ₁	
SV5														
SV6														
SV7														
TP1	90	0.795	500	5218	5166	10.4	5.66	7	1910	5166	5134	1.7	2.631	12.10
TP2	88	0.773	500	5237	5220	3.4	8.79	7	2600	5220	5126	3.6	3.865	11.21
UPR	92	0.828	500	4984	4977	1.4	9.78	7	2225	4977	4970	0.3	1.14	32.52

AAA T_cLag time
 AAA See USBRLag
 0.20 From Sky vista Drainageway Master Plan

BASIN	L ₂ (ft)	Hi ₂	Lo ₂	S ₂ (%)	V ₂ (f/s)	T ₂	L ₃ (ft)	Hi ₃	Lo ₃	S ₃ (%)	V ₃ (f/s)	T ₃	T _c	T _{lag}
SV5														0.04
SV6														0.47
SV7														0.29
TP1													17.76	0.18
TP2													20.00	0.20
UPR													42.31	0.42

AAA T_cLag time

AAA See USBRLag

0.20 From Sky vista Drainageway Master Plan

Muskingum-Cunge routing parameters

Basin	Route	from	Elevation	to	Elevation	Length	Slope	n	Shape	WD	Z
AW1 AW3	AW1	AW1 split	5321	AW2 along rail	5318	515	0.58%	0.035	TRAP	12.0	3.0
	AWA	PA4 split	5235	18" CMP	5218	575	2.96%	0.025	TRAP	3.0	10.0
	AWB	18" CMP split	5221	CP AW3	5166	1055	5.26%	0.025	TRAP	3.0	10.0
	AWC	CP AW1 @ 24" outlet	5314	30" CMP inlet	5218	1180	8.12%	0.035	TRAP	3.0	5.0
	AWD	30" CMP inlet	5218	CP AW3	5166	705	7.39%	0.024	CIRC	2.5	n/a
	AWE	CP AW2 @ 36" outlet	5274	36" CMP inlet	5231	700	6.13%	0.035	TRAP	4.0	2.5
	AWF	36" inlet overflow	5239	CP AW3	5166	1410	5.18%	0.020	TRAP	10.0	50.0
ESB	AWG	36" CMP inlet	5231	SI1 basin	5156	1220	6.14%	0.024	CIRC	3.0	n/a
	SBA	CP PE1b @ 24" outlet	5291	RR 36" CMP	5172	1320	8.99%	0.035	TRAP	2.0	2.0
	SBB	RR 36" CMP	5170	CP ESB @ 36" inlet	5091	2400	3.29%	0.040	TRAP	4.0	3.0
	SBC	CP PE2 @ 24" outlet	5291	RR 24" CMP	5210	990	8.23%	0.035	TRAP	2.0	2.0
	SBD	RR 24" CMP	5208	CP ESB @ 36" inlet	5091	3000	3.90%	0.040	TRAP	4.0	3.0
	SBE	CP PE3 @ 24" outlet	5280	RR 36" CMP	5220	900	6.65%	0.035	TRAP	2.0	2.0
	SBF	RR 36" CMP	5218	CP ESB @ 36" inlet	5091	3400	3.74%	0.040	TRAP	5.0	3.0
GC1	SBG	CP PE1a @ 24" outlet	5304	RR 36" CMP	5172	1300	10.16%	0.035	TRAP	2.0	2.0
	SBH	RR 36" CMP	5170	CP ESB @ 36" inlet	5091	2400	3.29%	0.040	TRAP	5.0	3.0
	C1A	SLE 30" RCP outlet	5120	CP GC1	5022	3365	2.91%	0.035	TRAP	4.0	3.0
	C1B	CP SLE	5100	CP GC1	5022	4205	1.85%	0.035	TRAP	10.0	1.0
	C1C	CP RSD @ 24" outlet	5084	CP GC1	5022	3835	1.62%	0.035	TRAP	10.0	1.0
	C2A	CP SL1 @ 36" outlet	5138	GC2 @ top channel	5000	4860	2.84%	0.035	TRAP	4.0	3.0
	C2B	GC2 @ toe channel	4973	CP GC2	4964.9	1270	0.64%	0.035	TRAP	20.0	3.0
GC2	C2C	CP GC1	5022	Top BOR structure	5010	1400	0.86%	0.035	TRAP	12.0	2.0
	C2D	Bottom BOR structure	4976.6	CP GC2	4964.9	1740	0.67%	0.035	TRAP	20.0	3.0
	GC3	CP SL3b	4978	CP GC3	4968	605	1.65%	0.035	TRAP	5.0	3.0
	R3A	CP GR4	5032	CP GR3 @ RCB inlet	5010	1670	1.32%	0.040	TRAP	10.0	3.0
	R3B	PW4 42" outlet	5050	CP GR3 @ RCB inlet	5010	1975	2.03%	0.040	TRAP	6.0	2.0
	R3C	CP RRI overflow	5087	Red Rock & Moya	5004	2350	3.53%	0.016	TRAP	1.5	25.0
	R3D	CP SS2	5044	CP GR3	5010	1620	2.10%	0.022	TRAP	10.0	2.0

Muskingum-Cunge routing paramaters

Basin	Route	from	Elevation	to	Elevation	Length	Slope	n	Shape	WD	Z
GR4	R4A	PW1 48" RCP outlet	5294	CP GR4	5032	5330	4.92%	0.035	TRAP	7.0	2.0
	R4B	PW2 24" RCP outlet	5262	CP GR4	5032	4660	4.94%	0.034	TRAP	9.0	2.0
	R4C	PW2 42" RCP outlet	5170	CP GR4	5032	3020	4.57%	0.033	TRAP	12.0	1.5
	R4D	PW3 48" RCP outlet	5056	CP GR4	5032	760	3.16%	0.040	TRAP	10.0	2.0
	R4E	PW4 48" RCP outlet	5046	CP GR4	5032	560	2.50%	0.040	TRAP	10.0	2.0
GV1	GV1	CP RH1 @ 54" inlet	5114	CP GV1	5060	4925	1.10%	0.035	TRAP	6.0	3.0
GV2	GV2	CP GV1	5060	CP GV3	5012	4335	1.11%	0.035	TRAP	7.0	3.0
GV3	G3A	72" CMP inlet	5093	72" CMP outlet	5050	1630	2.64%	0.024	CIRC	6.0	n/a
	G3B	72" CMP outlet	5050	CP GV3	5012	1630	2.33%	0.035	TRAP	8.0	2.0
	G3C	CP HR3 @ 36" outlet	5097	CP GV3	5012	3690	2.30%	0.035	TRAP	3.0	3.0
	G3D	CP MG1 @ 6'x6' outlet	5095	CP GV3	5012	4620	1.80%	0.035	TRAP	6.0	2.0
	G3E	CP TP1 @ 10'x4' outlet	5124	Beckwourth Dr	5102	1400	1.57%	0.013	TRAP	10.0	3.0
	G3F	Beckwourth Dr	5102	CP GV3	5012	5350	1.68%	0.035	TRAP	10.0	3.0
HR1	HR1	CP PE5 33" outlet	5225	CP HR1 @ 54" inlet	5130	2780	3.43%	0.035	TRAP	4.0	3.0
HR2	H2A	CP HR1 @ 54" inlet	5130	54" CMP outlet	5114	800	2.00%	0.024	CIRC	4.5	n/a
	H2B	54" CMP outlet	5114	CP HR2 @ 6'x6' inlet	5100	375	3.73%	0.035	TRAP	6.0	3.0
LD2	LD2	CP GV3	5012	CP LD2 @ 10'x4' inlet	4981	3460	0.90%	0.035	TRAP	12.0	3.0
LD3	LD3	Channel bypass	4959	CP LLK	4915	7865	0.56%	0.035	TRAP	12.0	1.0
LLK	LLK	CP LV1	4940	CP LLK	4915	1400	1.79%	0.035	TRAP	3.0	2.0
LVL	VL1	CP LD1	4970	CP LVL	4955	3095	0.48%	0.035	TRAP	3.0	3.0
	VL2	CP LD2 @ 10'x4' outlet	4977	New diversion channel	4959	2200	0.82%	0.040	TRAP	40.0	2.0
	VL3	New diversion channel	4959	CP NVD	4926	5000	0.66%	0.040	TRAP	50.0	2.0
LV2	LV2	CP LV4	4967	CP LV2	4916	8360	0.61%	0.040	TRAP	10.0	50.0
LV3	LV3	CP LV5	4990	CP LV3	4915	5910	1.27%	0.040	TRAP	10.0	50.0
MA1	A1A	CP SE4 @ 36" inlet	4990.2	Lear Blvd SDMH C-1	4965.9	2665	0.91%	0.013	CIRC	3.0	n/a
	A1B	Lear Blvd SDMH C-1	4965.9	SD trunkline outlet	4963.4	1260	0.20%	0.024	CIRC	5.5	n/a
	A1C	SD trunkline outlet	4963.4	CP MA1 @ box inlet	4941.3	3875	0.57%	0.035	TRAP	6.0	2.0
	A1D	Kernite Ct SDMH C4	4970	Lear Blvd SDMH C-1	4965.9	620	0.66%	0.013	CIRC	4.0	n/a
MG1	MGA	CP PE6 @ 24" outlet	5217	Fill CMP outlet	5160	1600	3.59%	0.024	CIRC	2.0	n/a
	MGB	Fill CMP outlet	5160	CP MG1 @ 6'x6' inlet	5100	2260	2.65%	0.035	TRAP	4.0	3.0
ML1	ML1	CP PE4 @ 30" outlet	5076	CP ML1	4959	9070	1.29%	0.035	TRAP	10.0	3.0
ML2	ML2	CP NVD	4926	CP LLK	4915	4065	0.27%	0.060	TRAP	10.0	50.0

Muskingum-Cunge routing paramaters

Basin	Route	from	Elevation	to	Elevation	Length	Slope	n	Shape	WD	Z
ML3	ML3	CP ML1	4953	New diversion channel	4948	850	0.59%	0.015	TRAP	25.0	2.0
MOY	MO1	Stead & Lear split	4971.7	CP LEA	4971.1	770	0.08%	0.045	TRAP	40.0	3.0
	MO2	CP LEA	4971.1	Moya deten basin	4968	1630	0.19%	0.045	TRAP	15.0	3.0
	MO3	CP ST3 at road	4986	Top of channel	4972	960	1.46%	0.050	TRAP	10.0	50.0
	MO4	Channel	4968.5	Moya deten basin	4968	525	0.10%	0.045	TRAP	16.0	3.0
	MO5	CP LEA @ MH#5834	4969.6	CP ST2 @ MH#5344	4966.1	1125	0.31%	0.013	CIRC	3.0	n/a
NVD	VD1	CP LVL	4948	CP NVD	4926	3070	0.72%	0.040	TRAP	50.0	2.0
NVD	VD2	New diversion channel	4947	CP NVD	4926	2080	1.01%	0.040	TRAP	30.0	2.0
NV1	NV1	CP PE7 @ 24" outlet	5216	CP NV1 @ 36" inlet	5165	1760	2.90%	0.024	CIRC	3.0	n/a
PA4	PA4	CP PW7 @ 48" outlet	5298	CP PA4 @ 24" inlets	5228	1160	6.03%	0.035	TRAP	5.0	2.5
PA6	PA6	CP PA4 @ 24" outlets	5224	CP PA6 @ 36" inlet	5191.6	595	5.45%	0.035	TRAP	5.0	2.5
PA7	A7A	PA5 48" RCP outlet	5198	CP PA7	5146	1235	4.21%	0.013	CIRC	1.8	n/a
	A7B	PA6 36" RCP outlet	5174	CP PA7	5146	615	4.55%	0.035	TRAP	5.0	2.5
PAT	PAT	CP BER	4930	CP PAT	4917	2840	0.46%	0.035	TRAP	12.0	2.0
PE1	1WS	PE1 NW 24" CMP	5309	CP PE1 along rail	5305	460	0.87%	0.035	TRAP	10.0	3.0
	E1S	PE1 split	5302	CP PE2 along rail	5298	560	0.71%	0.035	TRAP	4.0	3.0
PE3	PE3	PE2 split	5298.5	CP PE3 @ 24" inlet	5281.8	1120	1.49%	0.035	TRAP	10.0	3.0
PE4	PE4	PE3 split	5288	CP PE4 @ 36" inlet	5085	4450	4.56%	0.035	TRAP	3.0	3.0
PE6	6SA	PE5 split	5251	PE6 along rail	5244.5	910	0.71%	0.035	TRAP	15.0	3.0
	6SB	PE6 along rail	5244.5	CP PE6 @ 24" inlet	5222.3	400	5.55%	0.035	TRAP	3.0	1.0
PE7	7SA	PE6 split	5240.5	PE7 along rail	5237.5	500	0.60%	0.035	TRAP	12.0	3.0
	7SB	PE7 along rail	5237.5	CP PE7 @ 24" inlet	5217.4	350	5.74%	0.035	TRAP	3.0	3.0
PH1	HSA	PE7 split	5231	PH1 along rail	5220	650	1.69%	0.035	TRAP	16.0	3.0
	HSB	PH1 along rail	5220	CP PH1 @ 24" inlet	5192.1	570	4.89%	0.035	TRAP	3.0	3.0
PW2	PW2	PW1 along hwy	n/a	PW2 along hwy	n/a	1150	6.00%	0.025	TRAP	1.0	4.5
PW3	PW3	PW2 along hwy	n/a	PW3 @ hwy DI	n/a	1750	6.00%	0.025	TRAP	1.0	4.5
PW4	PW4	PW5 RR&NV split	5094	CP PW4 @ 48" inlet	5067	1300	2.08%	0.040	TRAP	2.0	3.0
RH1	RHA	PH1 split	5208.5	24" CMP at rail	5200	760	1.12%	0.035	TRAP	11.0	3.0
	RHB	24" CMP at rail	5320	CP RH1 @ 54" inlet	5114	5790	3.56%	0.035	TRAP	3.0	3.0
RRI	RRI	CP PW6 @ 60" inlet	5112	CP RRI @ 24" inlet	5087	1350	1.86%	0.025	TRAP	1.0	4.5

Muskingum-Cunge routing paramaters

Basin	Route	from	Elevation	to	Elevation	Length	Slope	n	Shape	WD	Z
RSD	SDA	CP PA7 @ 48" inlet	5146	54" RCP along rail	5104	1210	3.47%	0.013	CIRC	4.5	n/a
	SDB	54" RCP along rail	5104	CP RSD	5088	785	2.04%	0.035	TRAP	6.0	3.0
	SDC	CP SRS	5113	CP RSD	5088	1260	1.96%	0.035	TRAP	6.0	3.0
	SDD	24" CMP outlet @ rail	5099.8	CP RSD	5088	680	1.74%	0.035	TRAP	6.0	3.0
SE1	SE1	CP ESB @ 36" outlet	5084	CP SE1	5059	1470	1.70%	0.035	TRAP	4.0	3.0
SE2	E2A	SDMH #5500	5102	24" RCP outlet	5078	1170	2.01%	0.013	CIRC	2.0	n/a
	E2B	24" RCP outlet	5078	CP SE2	5064	600	2.33%	0.035	TRAP	2.0	3.0
SGP	GP1	CP MA1 @ box outlet	4940.8	CP LLK	4915	3605	0.72%	0.030	TRAP	8.0	1.0
	GP2	CP MA2 @ 36" outlet	4982	Flowline, toe of slope	4930.5	1060	4.86%	0.035	TRAP	3.0	4.0
	GP3	Flowline, toe of slope	4930.5	Detention pond	4921	2555	0.37%	0.025	TRAP	5.0	3.0
SI1	I1A	30" & 36" CMP outlets	5156.4	36" CMP outlet, NB	5118	1385	2.77%	0.035	TRAP	12.0	1.5
	I1B	36" CMP inlet, SB	5134.4	CP SI1	5107	1285	2.13%	0.030	TRAP	3.0	2.0
SI2	SI2	36" CMP outlet, NB	5118	48" inlet w/bar screen	5104	695	2.01%	0.035	TRAP	12.0	1.5
SK2	K2A	CP SK3	4980	Osage wetland area	4964	6525	0.25%	0.040	TRAP	3.0	5.0
	K2B	CP MOY	4966	CP SLK	4960	4020	0.15%	0.035	TRAP	50.0	3.0
SK3	SK3	CP SK4	5017	CP SK3	4980	8600	0.43%	0.040	TRAP	5.0	50.0
SK4	K4A	CP FRD	5095	CP SK4	5017	10675	0.73%	0.045	TRAP	5.0	50.0
	K4B	CP RR1	5128	Property corner	5073	2960	1.86%	0.035	TRAP	3.0	3.0
	K4C	Property corner	5073	CP SK4	5017	3525	1.59%	0.040	TRAP	5.0	3.0
SLE	LEA	CP PA3 @ 30" outlet	5194	SLE 30" RCP inlet	5154	600	6.67%	0.035	TRAP	4.0	5.0
	LEB	SLE 30" RCP overflow	5156	CP SLE	5100	3275	1.71%	0.013	TRAP	1.5	50.0
	LEC	SLE 30" RCP inlet	5154	SLE 30" RCP outlet	5120	835	4.07%	0.013	CIRC	2.5	n/a
SLK	SLA	CP GR2	4990	CP SLK	4960	1690	1.78%	0.040	TRAP	3.0	3.0
	SLB	CP GR3	5010	CP SLK	4960	3260	1.53%	0.035	TRAP	12.0	3.0
SL1	SL1	SL1 @ 36" inlet	5146	CP SL1 @ 36" outlet	5133	755	1.72%	0.013	CIRC	3.0	n/a
SL3a	L3A	CP SL2 @ 36" outlet	n/a	SL3a deten basin	n/a	2400	0.50%	0.013	CIRC	3.0	n/a
SL3b	L3B	SL3a deten basin	5006	CP SL3b	4978	1170	2.39%	0.035	TRAP	5.0	4.0
SRS	RSA	CP PA6 @ 36" inlet	5195.4	CP SRS	5112.7	1745	4.74%	0.035	TRAP	3.0	1.0
	RSB	AW3 18" outlet	5218.4	CP SRS	5112.7	2305	4.59%	0.040	TRAP	3.0	1.0
	RSC	CP AW3	5169	CP SRS	5112.7	2475	2.27%	0.035	TRAP	7.0	2.5
SS1a	SS1	CP PA1 @ 48" outlet	5150	CP SS1 @ 48" inlet	5106	965	4.56%	0.035	TRAP	5.0	2.5
SS2	SS2	CP PW6 @ 60" outlet	5094	CP SS2	5044	1525	3.28%	0.035	TRAP	6.0	3.0

Muskingum-Cunge routing paramaters

Basin	Route	from	Elevation	to	Elevation	Length	Slope	n	Shape	WD	Z
SS3	SS3	CP SS1 @ 48" outlet	5096	48" inlet at Moya Bd	4978	3115	3.79%	0.035	TRAP	5.0	3.0
ST1	T1A	SDMH #5517	5104.2	24" CMP outlet at rail	5099.8	485	0.91%	0.024	CIRC	4.0	n/a
	T1B	SDMH #5517	5103	SDMH #5500	5098.4	230	2.00%	0.013	CIRC	3.0	n/a
	T1C	CP SI1 @ 24" inlet	5107	SDMH #5500	5099	390	2.05%	0.013	CIRC	2.0	n/a
	T1D	SDMH #5500	5098.4	CP ST1 @ 24" outlet	5072.8	1610	1.59%	0.013	CIRC	2.0	n/a
	T1E	CP SI1 @ gutter	5110	CP ST1 @ gutter	5074	1980	1.82%	0.016	TRAP	1.5	50.0
	T1F	CP SLE	5100	CP ST1 @ gutter	5074	520	5.00%	0.013	TRAP	1.5	50.0
ST2	T2A	CP ST1 @ 24" outlet	5072.8	Lip, 6'x6' inlet	5047.5	1295	1.95%	0.016	TRAP	1.0	1.0
	T2C	Gutter @ 6'x6'	5047.5	SW DI, Stead & Lear	4974.4	4480	1.63%	0.016	TRAP	1.5	50.0
SV4	T2D	CP ST2 @ MH#5344	4966.1	SD trunkline outlet	4963.4	1795	0.15%	0.024	CIRC	5.5	n/a
	T2E	JCP 30" SD diversion	4986.9	CP ST2 @ MH#5346	4969.5	2265	0.77%	0.013	CIRC	2.5	n/a
	V4A	DBA 42" pipe inlet	4968	42" pipe outlet	4958.8	787	1.17%	0.013	CIRC	3.5	n/a
	V4B	42" pipe outlet	4958.8	channel end	4952	1400	0.49%	0.035	TRAP	5.0	3.0
TP1	CP NV1 @ 36" outlet	5165	CP TP1 @ 10'x4' inlet	5134	2000	1.55%	0.035	TRAP	5.0	3.0	
TP2	CP PH1 @ 24" outlet	5188	CP TP2 @ 36" inlet	5126	2430	2.57%	0.035	TRAP	3.0	3.0	

2

**Proposed Conditions HEC-1
Parameters**

1

**Proposed Conditions 100Year,
24Hour Event Model HEC-1
Model**

2

**Proposed Conditions 5Year,
24Hour Event HEC-1 Model**

3

1

2

3

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*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* MAY 1991 *
* VERSION 4.0.1E *
* Lahey F77L-EM/32 version 5.01 *
* Dodson & Associates, Inc. *
* RUN DATE 03/21/00 TIME 15:02:28 *
*****

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*
* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET *
* DAVIS, CALIFORNIA 95616 *
* (916) 551-1748 *
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
 NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
 DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
 KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1

HEC-1 INPUT

PAGE 1

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

*DIAGRAM

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1 ID CITY OF RENO / STEAD DRAINAGE MASTER PLAN HEC-1 MODEL
2 ID PREPARED FOR CITY OF RENO, WASHOE COUNTY, NEVADA
3 ID
4 ID 100-YEAR, 24-HOUR EVENT PROPOSED CONDITIONS HYDROLOGIC MODEL
5 ID PREPARED BY STANTEC CONSULTING, SPARKS, NEVADA
6 ID JOB # :26000208
7 ID FILE NAME: PR_100.DAT
8 ID DATE: NOVEMBER 1999
9 ID *****
10 ID BALANCED STORM DISTRIBUTION (PH CARDS)
11 ID RAINFALL DEPTH FROM SSPFS, 1997
12 ID SCS CURVE NUMBER METHOD
13 ID MUSKINGUM CUNGE ROUTING
14 ID *****
15 IT 5 1200
16 IO 5

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* *****
* DEPTH AREA REDUCTION FACTORS
* *****
* AREA ( SQ. MI.) DARF
* 0 - 2 1.00

```

* 2.1 - 8 0.99
 * 8.1 - 16 0.98
 * 16.1 - 29 0.97
 * 29.1 - 43 0.96
 * 43.1 - 65 0.95

17

 JR PREC 1.00 0.99 0.98 0.97 0.96 0.95

 *

 * SILVER LAKE DRAINAGE BASIN *

 *

18

KK FR1 FRED'S MOUNTAIN BASIN 1

19

BA 13.01

20

PH 0.001 0.67 1.21 2.02 2.24 2.40 2.75 3.44 4.13

21

LS 75

22

UD 2.22

23

KK FR2 FRED'S MOUNTAIN BASIN 2

24

BA 6.84

25

PH 0.001 0.62 1.12 1.87 2.07 2.23 2.55 3.15 3.75

26

LS 74

27

UD 1.64

28

KK CP FRD COMBINE HYDROGRAPHS FROM BASINS FR1 & FR2

29

HC 2

HEC-1 INPUT

PAGE 2

LINE

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

30

KK RT K4A ROUTE CONC PT FRD TO CONC PT SK4

31

RD 10675 .007 .045 TRAP 5 50

32

KK RR1 RED ROCK BASIN 1

33

BA 4.23

34

PH 0.001 0.69 1.26 2.10 2.31 2.46 2.79 3.52 4.26

35

LS 79

36

UD 1.64

37

KK RT K4B ROUTE RR1 HYDROGRAPH TO NW AIRPORT PROPERTY CORNER

38

RD 2960 .019 .035 TRAP 3 3

39

KK RT K4C CONTINUE ROUTE TO CONC PT SK4

40

RD 3525 .016 .040 TRAP 5 3

41

KK SK4 SILVER KNOLLS BASIN 4

42

BA 6.25

43

PH 0.001 0.64 1.17 1.94 2.16 2.32 2.67 3.31 3.95

44

LS 77

45

UD 1.34

46

KK CP SK4 COMBINE CONC PT FRD WITH RR1 & SK4 HYDROGRAPHS

47

HC 3

* ***** *
 * PROPOSED REGIONAL RETENTION FACILITY *
 * Approximate 250 ac-ft basin with free spillway *

48 KK SARB RETENTION BASIN NORTH OF STEAD AIRPORT
 49 RS 1 STOR 0
 50 SA 0 62.5 62.5 62.5
 51 SE 5035.9 5036 5040 5041
 52 SQ 0 0 0 10000

* *****

53 KK RT SK3 ROUTE CONC PT SK4 TO CONC PT SK3
 54 RD 8600 .004 .040 TRAP 5 50

55 KK SK3 SILVER KNOLLS BASIN 3
 56 BA 7.81
 57 PH 0.001 0.63 1.15 1.91 2.12 2.28 2.61 3.29 3.97
 58 LS 80
 59 UD 1.58

60 KK CP SK3 COMBINE CONC PT SK4 WITH SK3 HYDROGRAPH
 61 HC 2

62 KK RT K2A ROUTE CONC PT SK3 TO OSAGE WETLAND AREA
 63 RD 6525 .0025 .040 TRAP 3 5
 HEC-1 INPUT

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

64 KK SK2 SILVER KNOLLS BASIN 2
 65 BA 2.40
 66 PH 0.001 0.64 1.16 1.94 2.14 2.29 2.61 3.33 4.04
 67 LS 81
 68 UD 1.35

69 KK CP SK2 COMBINE TWO HYDROGRAPHS @ THE OUTLET OF SK2
 70 HC 2

71 KK SK1 SILVER KNOLLS BASIN 1
 72 BA 1.60
 73 PH 0.001 0.62 1.13 1.89 2.12 2.29 2.66 3.42 4.17
 74 LS 76
 75 UD 0.87

76 KK CB SLK COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE
 77 HC 2
 *

78 KK PW6 PEAVINE WEST BASIN 6
 79 BA 1.21
 80 PH 0.001 0.61 1.11 1.85 2.08 2.26 2.62 3.42 4.22
 81 LS 67
 82 UD 1.11

83 KK DV PW6 DIVERT PIPE FLOW THRU 60" RCP & 24" RCP BENEATH HIGHWAY 395 TO SS2
 84 KM DIVERSION RATING FROM NIMBUS ENGINEERS H&H ANALYSIS FOR
 85 KM SILVER SHORES #8, DATED APRIL 1993
 86 DT 60PW6
 87 DI 0 100 200 214 300
 88 DQ 0 100 200 214 214

89 KK RT RRI ROUTE OVERFLOW AT 60" TO CONC PT RRI
 90 RD 1350 .019 .025 TRAP 1 4.5

91 KK PW5 PEAVINE WEST BASIN 5
 92 BA 0.90
 93 PH 0.001 0.60 1.10 1.83 2.09 2.29 2.71 3.51 4.31
 94 LS 67
 95 UD 1.19

96 KK DV PW5 DIVERT OVERFLOW AT INTERSECTION OF RED ROCK ROAD AND N. VIRGINIA
 97 KM DIVERT OVERFLOW TO BASIN PW4
 98 DT RR&NV
 99 DI 0 15 17 66 170
 100 DQ 0 0 1 32 104

101 KK RRI RED ROCK INTERCHANGE BASIN
 102 BA 0.02
 103 PH 0.001 0.63 1.14 1.90 2.12 2.29 2.64 3.40 4.15
 104 LS 86
 105 UD 0.14

HEC-1 INPUT

PAGE 4

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

106 KK CP RRI COMBINE HYDROGRAPHS FROM PW5 & PW6 WITH RRI
 107 HC 3

108 KK DV RRI DIVERT PIPE FLOW AT 24" RCP BENEATH SOUTHBOUND RED ROCK INT ONRAMP
 109 KM DIVERT PIPE FLOW TO BASIN SS2

110 DT 24RRI
 111 DI 0 30 100 200
 112 DQ 0 30 30 30

*
 * The total surface flow at the Red Rock Underpass will flow in both
 * sides of the roadway to the north, and some flows from the street will
 * overtop the street and combine with flows in the roadside channels.
 * The potential split flows at this location was not quantified. For the
 * purpose of this model, the total flow was routed in the street to Moya Blvd
 * where the street flows combine with the channel flows.
 *

113 KK RT R3C ROUTE FLOWS IN THE STREET TO RED ROCK & MOYA
 114 RD 2350 .035 .016 TRAP 1.5 25

115 KK SS2 SILVER SHORES BASIN 2
 116 BA 0.10
 117 PH 0.001 0.62 1.13 1.89 2.11 2.28 2.62 3.35 4.08
 118 LS 90
 119 UD 0.25

120 KK 60RCP RETRIEVE 60" RCP PIPE FLOW DIVERSION FROM BASIN PW6
 121 DR 60PW6

122 KK RT SS2 ROUTE FLOW TO CONC PT SS2
 123 RD 1525 .033 .035 TRAP 6 3

124 KK 24CMP RETRIEVE 24" CMP PIPE FLOW DIVERSION FROM BASIN RRI
 125 DR 24RRI

126 KK CP SS2 COMBINE CP RR1, 24" CMP AND 60" RCP WITH SS2 HYDROGRAPH
 127 HC 3

128 KK RT R3D ROUTE CONC PT SS2 IN EX CONCRETE CHANNEL ALONG RED ROCK TO MOYA BLVD
 129 RD 1620 .021 .022 TRAP 10 2

130 KK CB MOY COMBINE THE CHANNEL FLOWS & THE STREET FLOWS
 131 HC 2

*
 * US 395 CULVERT DIVERSION RATINGS FOR BASINS PW1 THRU PW4 WERE TAKEN FROM
 * NIMBUS ENGINEERS HYDROLOGIC AND HYDRAULIC ANALYSIS FOR SILVER SHORES #8,
 * DATED APRIL 1993
 *

HEC-1 INPUT

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

132 KK PW1 PEAVINE WEST BASIN 1
 133 BA 0.42
 134 PH 0.001 0.60 1.10 1.83 2.09 2.28 2.70 3.53 4.37
 135 LS 71
 136 UD 0.59

137 KK DV PW1 DIVERT PIPE FLOW AT 48" RCP BENEATH 395 TO BASIN GR4
 138 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
 139 DT 48PW1
 140 DI 0 63 139 195 261
 141 DQ 0 63 90 105 115

142 KK DV PW2 DIVERT PIPE FLOW AT 24" RCP BENEATH 395 TO BASIN GR4
 143 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
 144 DT 24PW2
 145 DI 0 62 91 126 169 220
 146 DQ 0 10 12 14 16 18

147 KK RT PW2 ROUTE OVERFLOW EAST DOWN 395 TO CONC PT PW2
 148 RD 1150 .060 .025 TRAP 1 4.5

149 KK PW2 PEAVINE WEST BASIN 2
 150 BA 0.23
 151 PH 0.001 0.61 1.11 1.85 2.10 2.29 2.70 3.51 4.33
 152 LS 71
 153 UD 0.48

154 KK CP PW2 COMBINE HYDROGRAPHS FROM BASINS PW1 & PW2
 155 HC 2

156 KK DV PW2 DIVERT PIPE FLOW AT 42" RCP BENEATH 395 TO BASIN GR4
 157 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
 158 DT 42PW2
 159 DI 0 116 133 173 252 379 561
 160 DQ 0 116 121 125 130 135 140

161 KK RT PW3 ROUTE OVERFLOW EAST DOWN 395 TO CONC PT PW3
 162 RD 1750 .060 .025 TRAP 1 4.5

163 KK PW3 PEAVINE WEST BASIN 3
 164 BA 1.02
 165 PH 0.001 0.60 1.10 1.83 2.09 2.28 2.68 3.52 4.35
 166 LS 71
 167 UD 0.92

168 KK CP PW3 COMBINE HYDROGRAPHS FROM CONC PT PW2 WITH BASIN PW3
 169 HC 2

170 KK DV PW3 DIVERT PIPE FLOW AT 48" RCP BENEATH 395 TO BASIN GR4
 171 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
 172 DT 48PW3
 173 DI 0 160 330 367 463
 174 DQ 0 160 200 206 220

HEC-1 INPUT

PAGE 6

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

175 KK PW4 PEAVINE WEST BASIN 4
 176 BA 1.55
 177 PH 0.001 0.61 1.11 1.85 2.09 2.27 2.66 3.48 4.31
 178 LS 68
 179 UD 0.87

180 KK RRINT RETRIEVE DIVERSION AT INTERSECTION OF RED ROCK AND N. VIRGINIA (PW5)
 181 DR RR&NV

182 KK DV PW4 DIVERT PIPE FLOW AT 42" RCP BENEATH 395 TO BASIN GR3
 183 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
 184 DT 42PW4
 185 DI 0 115 366 540
 186 DQ 0 115 130 140

187 KK CP PW4 COMBINE CONC PT PW3 & PW5 SPLIT WITH PW4 HYDROGRAPH
 188 HC 3

189 KK DET48 DETENTION STORAGE AT CONC PT PW4, INLET OF 48" RCP BENEATH 395
 190 KM DETENTION RATING MODIFIED FROM NIMBUS-SILVER SHORES #8
 191 RS 1 STOR 0
 192 SA 0 0.01 0.09 0.21 0.37 1.40 3.88 5.44 5.5 5.5
 193 SE 66.9 70 72 74 76 80 84 86 87 88
 194 SQ 0 50 108 150 182 234 277 295 305 305

195 KK RT R4E ROUTE FLOW AT 48" RCP OUTLET TO CONC PT GR4
 196 RD 560 .025 .040 TRAP 10 2

*
 * RETRIEVE PIPE DIVERSION FLOWS FROM BASINS PW1 - PW3
 *

197 KK 48RCP RETRIEVE 48" RCP DIVERSION FROM BASIN PW1
 198 DR 48PW1

199 KK RT R4A ROUTE FLOW AT 48" OUTLET TO CONC PT GR4
 200 RD 5330 .049 .035 TRAP 7 2

201 KK 24RCP RETRIEVE 24" RCP DIVERSION FROM BASIN PW2
 202 DR 24PW2

203 KK RT R4B ROUTE FLOW AT 24" OUTLET TO CONC PT GR4
 204 RD 4660 .049 .034 TRAP 9 2

205 KK 42RCP RETRIEVE 42" RCP DIVERSION FROM BASIN PW2
 206 DR 42PW2

207 KK RT R4C ROUTE FLOW AT 42" OUTLET TO CONC PT GR4
 208 RD 3020 .046 .033 TRAP 12 1.5
 HEC-1 INPUT

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

209 KK 48RCP RETRIEVE 48" RCP DIVERSION FROM BASIN PW3
 210 DR 48PW3

211 KK RT R4D ROUTE FLOW AT 48" OUTLET TO CONC PT GR4
 212 RD 760 .032 .040 TRAP 10 2

213 KK GR4 GRANITE HILLS BASIN 4
 214 BA 0.39
 215 PH 0.001 0.61 1.12 1.86 2.12 2.31 2.71 3.49 4.26
 216 LS 75
 217 UD 0.35

218 KK CP GR4 COMBINE ALL PIPE DIVERSIONS & CONC PT PW4 WITH GR4 HYDROGRAPH
 219 HC 6

220 KK RT R3A ROUTE CONC PT GR4 TO CONC PT GR3 AT RED ROCK ROAD AND MOYA BLVD
 221 RD 1670 .013 .040 TRAP 10 3

222 KK 42RCP RETRIEVE 42" RCP DIVERSION FROM BASIN PW4
 223 DR 42PW4

224 KK RT R3B ROUTE FLOW AT 42" OUTLET TO CONC PT GR3
 225 RD 1975 .020 .040 TRAP 6 2

226 KK GR3 GRANITE HILLS BASIN 3
 227 BA 0.11
 228 PH 0.001 0.62 1.13 1.89 2.12 2.30 2.66 3.43 4.20
 229 LS 82
 230 UD 0.35

231 KK CP GR3 COMBINE CONC PTS GR4, 42" PW4 RCP, AND GR3 HYDROGRAPH
 232 HC 3

233 KK CP CHN COMBINE CONC PT GR3 WITH SS2 CHANNEL FLOW.
 234 HC 2

235 KK RT SLB ROUTE CONC PT CHN IN CHANNEL TO SILVER LAKE
 236 RD 3260 .015 .035 TRAP 12 3

237 KK GR2 GRANITE HILLS BASIN 2
 238 BA 0.10
 239 PH 0.001 0.62 1.13 1.89 2.13 2.30 2.68 3.43 4.17
 240 LS 78
 241 UD 0.37

242 KK RT SLA ROUTE GR2 HYDROGRAPH IN NATURAL CHANNEL TO SILVER LAKE
 243 RD 1690 .018 .040 TRAP 3 3

244 KK GR1 GRANITE HILLS BASIN 1
 245 BA 0.58
 246 PH 0.001 0.62 1.13 1.88 2.12 2.31 2.70 3.45 4.20
 247 LS 74
 248 UD 0.32

LINE	ID	1	2	3	4	5	6	7	8	9	10
249	KK CB SLK	COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE									
250	HC	4									
	*										
251	KK PA1	PEAVINE ADDITIONAL BASIN 1									
252	BA	0.41									
253	PH	0.001	0.61	1.11	1.85	2.06	2.23	2.57	3.33	4.08	
254	LS	68									
255	UD	0.40									
256	KK RT SS1	ROUTE PA1 HYDROGRAPH TO CONC PT SS1									
257	RD	965	.046	.035		TRAP	5	2.5			
258	KK SS1A	SILVER SHORES BASIN 1A									
259	BA	0.02									
260	PH	0.001	0.62	1.12	1.87	2.08	2.25	2.59	3.31	4.02	
261	LS	87									
262	UD	0.15									
263	KK SS1B	SILVER SHORES BASIN 1B									
264	BA	0.01									
265	PH	0.001	0.62	1.12	1.87	2.09	2.25	2.59	3.30	4.02	
266	LS	90									
267	UD	0.06									
268	KK DT SS1	ROUTE RUNOFF FROM BASIN SS1B THRU DETENTION BASIN									
269	RS	1	STOR	0							
270	SA	0	0.025	0.036	0.049	0.064	0.081	0.098	0.098		
271	SE	17.5	18	19	20	21	22	23	23.5		
272	SQ	0	1	2.5	4	4.5	5.5	6	121		
273	KK CP SS1	COMBINE PA1 & SS1 HYDROGRAPHS AT CONC PT SS1									
274	HC	3									
275	KK RT SS3	ROUTE CONC PT SS1 NORTH TO MOYA BLVD									
276	RD	3115	.038	.035		TRAP	5	3			
277	KK SS3	SILVER SHORES BASIN 3									
278	BA	0.36									
279	PH	0.001	0.63	1.14	1.90	2.11	2.27	2.60	3.33	4.06	
280	LS	89									
281	UD	0.39									
282	KK CB SLK	COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE									
283	HC	3									
	*										
284	KK SL2	SILVER LAKE BASIN 2									
285	BA	0.04									
286	PH	0.001	0.62	1.12	1.86	2.08	2.24	2.58	3.29	4.00	
287	LS	90									
288	UD	0.23									

LINE	ID	1	2	3	4	5	6	7	8	9	10
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289	KK	RT L3A	ROUTE SL2 HYDROGRAPH TO CONC PT SL3A								
290	RD	2400	.005	.013		CIRC			3		
291	KK	SL3A	SILVER LAKE BASIN 3A								
292	BA	0.08									
293	PH		0.001	0.62	1.12	1.87	2.08	2.25	2.59	3.29	4.00
294	LS		89								
295	UD	0.20									
296	KK	C SL3A	COMBINE HYDROGRAPHS FROM BASINS SL2 & SL3A								
297	HC	2									
298	KK	DT L3A	ROUTE THRU SL3A DETENTION BASIN								
	*		DETENTION BASIN PARAMETERS BASED ON PYRAMID ENGINEERS GRADING PLAN								
	*		FOR SPECIAL USE PERMIT DATED FEB 98								
299	RS	1	STOR	0							
300	SA	0	0.13	0.19	0.26	0.33	0.41	0.52	0.58		
301	SE	3.9	4	6	8	10	12	14	16		
302	SL	4.9	3.14	0.65	0.5						
303	SS	13.3	137	2.6	1.5						
304	KK	RT L3B	ROUTE TO CP SL3B								
305	RD	1170	0.024	0.035		TRAP	5		4		
306	KK	SL3B	SILVER LAKE BASIN 3B								
307	BA	0.05									
308	PH		0.001	0.62	1.13	1.88	2.09	2.26	2.60	3.30	4.00
309	LS		90								
310	UD	0.21									
311	KK	CB SL3	COMBINE FLOWS FROM THE DETENTION OUTLET & SL3B								
312	HC	2									
313	KK	RT GC3	ROUTE CONC PT SL3 TO CONC PT GC3								
314	RD	605	.016	.035		TRAP	5		3		
315	KK	GC3	GOLF COURSE BASIN 3								
316	BA	0.12									
317	PH		0.001	0.62	1.12	1.87	2.08	2.24	2.58	3.26	3.95
318	LS		87								
319	UD	0.23									
320	KK	CB GC3	COMBINE CONC PT SL3 AND GC3 HYDROGRAPHS AT DROP INLET STRUCTURE								
321	HC	2									
322	KK	CB SLK	COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE								
323	HC	2									
	*										

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HEC-1 INPUT

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

324	KK	PA2	PEAVINE ADDITIONAL BASIN 2								
325	BA	0.25									
326	PH		0.001	0.61	1.11	1.85	2.06	2.22	2.55	3.29	4.02
327	LS		71								
328	UD	0.28									

	KK RT SL1	ROUTE PA2 HYDROGRAPH TO CONC PT SL1								
	RD 755	.017 .013		CIRC						3
331	KK SL1	SILVER LAKE BASIN 1								
332	BA 0.02									
333	PH	0.001 0.61 1.11 1.86 2.07 2.23 2.57 3.27 3.97								
334	LS	88								
335	UD 0.10									
336	KK CP SL1	COMBINE HYDROGRAPHS FROM BASINS PA2 & SL1								
337	HC 2									
338	KK RT C2A	ROUTE CONC PT SL1 NORTH THRU BASIN GC2								
339	RD 4860	.028 .035		TRAP	4					3
340	KK RT C2B	CONTINUE ROUTING IN LARGE CHANNEL TO CONC PT GC2								
341	RD 1270	.006 .035		TRAP	20					3
342	KK GC2	GOLF COURSE BASIN 2								
343	BA 0.18									
344	PH	0.001 0.61 1.12 1.86 2.07 2.23 2.56 3.25 3.93								
345	LS	82								
346	UD 0.44									
347	KK CB GC2	COMBINE CONC PT SL1 & BASIN GC2 HYDROGRAPHS - NOT THE TOTAL FLOW								
348	HC 2									
	*									
349	KK PA3	PEAVINE ADDITIONAL BASIN 3								
350	BA 0.10									
351	PH	0.001 0.61 1.11 1.85 2.05 2.21 2.54 3.26 3.97								
352	LS	78								
353	UD 0.25									
354	KK RT LEA	ROUTE PA3 HYDROGRAPH TO 30" RCP INLET BEHIND SILVER LAKE ESTATES								
355	RD 600	.067 .035		TRAP	4					5
356	KK DV SLE	DIVERT OVERFLOW AT 30" RCP TO BASIN SLE								
357	DT 30SLE									
358	DI 0	50 100 200								
359	DQ 0	0 50 150								
360	KK RT LEC	ROUTE TO THE PIPE OUTLET								
361	RD 835	0.040 0.013		CIRC		2.5				
				HEC-1 INPUT						
LINE	ID.....	1.....2.....3.....4.....5.....6.....7.....8.....9.....10								
362	KK RT C1A	ROUTE FLOW AT 30" OUTLET TO CONC PT GC1								
363	RD 3365	.029 .035		TRAP	4					3
364	KK GC1	GOLF COURSE BASIN 1								
365	BA 0.25									
366	PH	0.001 0.61 1.11 1.84 2.05 2.21 2.54 3.21 3.89								
367	LS	80								
368	UD 0.36									
369	KK CB GC1	COMBINE TWO HYDROGRAPHS @ CP GC1 - NOT THE TOTAL FLOW								

370	HC	2									
	*										
371	KK	PW7	PEAVINE WEST BASIN 7								
372	BA	1.25									
373	PH		0.001	0.60	1.09	1.82	2.06	2.24	2.61	3.38	4.15
374	LS		70								
375	UD	1.31									
376	KK	DV PW7	DIVERT OVERFLOW AT 48" RAILROAD CULVERT TO BASIN AW1								
377	DT	RRPW7									
378	DI	0	100	130	142	170	216	282			
379	DQ	0	0	0	7	30	71	131			
380	KK	RT PA4	ROUTE FLOW AT 48" OUTLET TO CONC PT PA4								
381	RD	1160	.060	.035		TRAP	5	2.5			
382	KK	PA4	PEAVINE ADDITIONAL BASIN 4								
383	BA	0.02									
384	PH		0.001	0.61	1.11	1.84	2.05	2.20	2.53	3.23	3.93
385	LS		89								
386	UD	0.10									
387	KK	CP PA4	COMBINE PW7 & PA4 HYDROGRAPHS								
388	HC	2									
389	KK	DV PA4	DIVERT OVERFLOW AT DUAL 24" CMP CULVERTS TO BASIN AW3								
390	DT	24PA4									
391	DI	0	56	127	139	154	172	193	217		
392	DQ	0	0	65	77	90	103	118	133		
393	KK	RT PA6	ROUTE FLOW AT DUAL 24" OUTLETS TO CONC PT PA6								
394	RD	595	.054	.035		TRAP	5	2.5			
395	KK	PA6	PEAVINE ADDITIONAL BASIN 6								
396	BA	0.01									
397	PH		0.001	0.61	1.11	1.85	2.05	2.21	2.53	3.22	3.91
398	LS		91								
399	UD	0.08									

HEC-1 INPUT

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

400	KK	CP PA6	COMBINE CONC PT PA4 WITH BASIN PA6 HYDROGRAPH								
401	HC	2									
402	KK	DV PA6	DIVERT OVERFLOW AT 36" RCP HIGHWAY CULVERT TO BASIN SRS								
403	DT	36PA6									
404	DI	0	52	67	116	151	270				
405	DQ	0	0	7	47	79	191				
406	KK	RT A7B	ROUTE FLOW AT 36" OUTLET TO CONC PT PA7								
407	RD	615	.045	.035		TRAP	5	2.5			
408	KK	PA5	PEAVINE ADDITIONAL BASIN 5								
409	BA	0.005									
410	PH		0.001	0.61	1.11	1.85	2.05	2.21	2.53	3.22	3.91
411	LS		90								
412	UD	0.06									

413 KK RT A7A ROUTE PA5 HYDROGRAPH TO CONC PT PA7
414 RD 1235 .042 .013 CIRC 1.8

415 KK PA7 PEAVINE ADDITIONAL BASIN 7
416 BA 0.02
417 PH 0.001 0.61 1.11 1.85 2.05 2.21 2.54 3.22 3.91
418 LS 81
419 UD 0.23

420 KK CP PA7 COMBINE CONC PT PA6 WITH BASIN PA5 & PA7 HYDROGRAPHS
421 HC 3

422 KK RT SDA ROUTE TO CP RSD THRU 54" PIPE TO THE PIPE OUTLET
423 RD 1210 .035 .013 CIRC 4.5

424 KK RT SDB CONTINUE ROUTING TO CP RSD IN THE CHANNEL
425 RD 785 .020 .035 TRAP 6 3

426 KK AW1 AUTO WRECKER BASIN 1
427 BA 0.04
428 PH 0.001 0.61 1.10 1.84 2.05 2.20 2.53 3.23 3.93
429 LS 69
430 UD 0.26

431 KK PW7SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PW7
432 DR RRPW7

433 KK CP AW1 COMBINE SPLIT FLOW FROM PW7 WITH BASIN AW1 HYDROGRAPH
434 HC 2

435 KK DV AW1 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN AW2
436 DT RRAW1
437 DI 0 25 39 73 128
438 DQ 0 0 7 39 93

HEC-1 INPUT

PAGE 13

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

439 KK RT AWC ROUTE FLOW AT 24" OUTLET TO 30" CMP INLET BEHIND AUTO WRECKER
440 RD 1180 .080 .035 TRAP 3 5

441 KK RT AWD ROUTE THRU 30" CMP TO CONC PT AW3
442 KM (Excess flow will travel overland to conc pt AW3)
443 RD 705 .074 .024 CIRC 2.5

444 KK AW2 AUTO WRECKER BASIN 2
445 BA 0.36
446 PH 0.001 0.60 1.09 1.82 2.04 2.20 2.53 3.24 3.95
447 LS 68
448 UD 0.82

449 KK AW1SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN AW1
450 DR RRAW1

451 KK RT AW1 ROUTE THE SPLIT ALONG RAILROAD SIDING TO BASIN AW2
452 RD 515 .006 .035 TRAP 12 3

453 KK CP AW2 COMBINE SPLIT FLOW FROM AW1 WITH BASIN AW2 HYDROGRAPH

454 HC 2

455 KK DET36 DETENTION STORAGE AT CONC PT AW2, INLET OF 36" CMP AT RAILROAD

456 RS 1 STOR 0

457 SA 0 0.5 1.1

458 SE 5285.8 5300.0 5314.0

459 SQ 0 125 160

460 KK RT AWE ROUTE FLOW AT 36" OUTLET TO 36" CMP INLET BEHIND AUTO WRECKER

461 RD 700 .061 .035 TRAP 4 2.5

462 KK DV A36 DIVERT PIPE FLOW AT 36" CULVERT TO BASIN SI1

463 KM (Rating for this diversion based upon limiting conditions at

464 KM downstream section of pipe)

465 DT 36AW3

466 DI 0 45 200

467 DQ 0 45 45

468 KK RT AWF ROUTE OVERFLOW AT 36" INLET TO CONC PT AW3

469 RD 1410 .052 .020 TRAP 10 50

470 KK 2-24 RETRIEVE SPLIT AT DUAL 24" CMP's AT PA4 OUTLET

471 DR 24PA4

472 KK RT AWA ROUTE OVERFLOW AT DUAL 24's EAST TO 18" CMP INLET

473 RD 575 .030 .025 TRAP 3 10

474 KK DV 18 DIVERT PIPE FLOW AT 18" CMP TO BASIN SRS

475 DT 18AW3

476 DI 0 11 14 30 61 107

477 DQ 0 11 11 11 13 17

HEC-1 INPUT

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

478 KK RT AWB ROUTE OVERFLOW AT 18" INLET EAST TO CONC PT AW3

479 RD 1055 .053 .025 TRAP 3 10

480 KK AW3 AUTO WRECKER BASIN 3

481 BA 0.11

482 PH 0.001 0.60 1.10 1.83 2.04 2.19 2.52 3.20 3.89

483 LS 88

484 UD 0.15

485 KK CP AW3 COMBINE FLOWS AT CONC PT AW3

486 HC 4

487 KK DV A30 DIVERT PIPE FLOW AT 30" CMP TO BASIN SI1

488 DT 30AW3

489 DI 0 27 35 59 106 178 275

490 DQ 0 27 28 29 30 31 32

491 KK RT RSC ROUTE CONC PT AW3 TO CONC PT SRS

492 RD 2475 .023 .035 TRAP 7 2.5

493 KK 36RCP RETRIEVE DIVERSION FROM BASIN PA6

494 DR 36PA6

* USE KINEMATIC WAVE ROUTING - HEC-1 MODEL WILL NOT RUN WITH MUSK-CUNGE HERE

495 KK RT RSA ROUTE DIVERSION FROM PA6 TO CONC PT SRS
496 RK 1745 .047 .035 TRAP 3 1

497 KK 18CMP RETRIEVE 18" CMP DIVERSION FROM BASIN AW3
498 DR 18AW3

499 KK RT RSB ROUTE FLOW AT 18" OUTLET TO CONC PT SRS
500 RD 2305 .046 .040 TRAP 3 1

501 KK SRS STEAD RAIL SPUR BASIN
502 BA 0.03
503 PH 0.001 0.61 1.10 1.84 2.04 2.20 2.53 3.21 3.89
504 LS 91
505 UD 0.21

506 KK CP SRS COMBINE FLOWS AT CONC PT SRS
507 HC 4

508 KK RT SDC ROUTE FROM CP SRS TO CP RSD IN THE CHANNEL
509 RD 1260 .020 .035 TRAP 6 3

510 KK 30CMP RETRIEVE FLOW AT 30" OUTLET AT CONC PT AW3
511 DR 30AW3

512 KK 36CMP RETRIEVE FLOW AT 36" INLET BEHIND AUTO WRECKER
513 DR 36AW3

HEC-1 INPUT

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

514 KK RT AWG ROUTE PIPE FLOW AT 36" INLET TO THE OUTLET
515 RD 1220 .061 .024 CIRC 3

516 KK CP CHL COMBINE OUTLET FLOWS OF 30" & 36" CMP's IN EX EARTH CHANNEL
517 HC 2

518 KK RT I1A ROUTE FLOW AT 30" & 36" OUTLETS TO CONC PT S11
519 RD 1385 .028 .035 TRAP 12 1.5

520 KK DV S11 DIVERT PIPE FLOW AT 36" CMP BENEATH STEAD INTERCHANGE ONRAMP
521 KM (Divert pipe flow to basin S12 based upon rating at SB offramp)
522 DT 36S11
523 DI 0 32 42 65 98 149
524 DQ 0 32 38 46 50 54

525 KK S11 STEAD INTERCHANGE BASIN 1
526 BA 0.04
527 PH 0.001 0.60 1.10 1.83 2.03 2.19 2.51 3.18 3.84
528 LS 88
529 UD 0.14

530 KK CP S11 COMBINE CHANNEL OVERFLOW WITH BASIN S11 HYDROGRAPH
531 HC 2

532 KK DV STD DIVERT STREET FLOWS @ THE INLET OF 24" CMP TO CP ST1
533 DT STDBL1
534 DI 0 21 50 100
535 DQ 0 0 29 79

536 KK 0-CFS DIVERT ALL PIPE FLOWS HERE
 537 DT 24SI1
 538 DI 0 21 50
 539 DQ 0 21 50
 * TOTAL FLOW HERE FROM SI1 = 0 CFS - COMBINE @ CP RSD

540 KK 36CMP RETRIEVE 36" CMP DIVERSION FROM BASIN SI1
 541 DR 36SI1

542 KK RT S12 ROUTE FLOW AT 36" OUTLET TO CONC PT S12
 543 RD 695 .020 .035 TRAP 12 1.5

544 KK S12 STEAD INTERCHANGE BASIN 2
 545 BA 0.01
 546 PH 0.001 0.60 1.10 1.83 2.04 2.19 2.52 3.18 3.84
 547 LS 80
 548 UD 0.12

549 KK CP S12 COMBINE CHANNEL FLOW WITH S12 HYDROGRAPH
 550 HC 2
 * Begin storm drain network @ 48" RCP w/barscreen inlet
 HEC-1 INPUT

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

551 KK RT T1A ROUTE CP S12 TO THE WEST SIDE OF THE RAILROAD TRACKS
 552 KM PROPOSED 48" RCP OR EQUIVALENT BENEATH RAILROAD
 553 RD 485 .009 .024 CIRC 4

554 KK RT SDD ROUTE FROM 24" CMP OUTLET TO CP RSD
 555 RD 680 .017 .035 TRAP 6 3

556 KK CB RSD COMBINE FOUR HYDROGRAPHS AT CP RSD - NOT THE TOTAL FLOW
 557 HC 4

558 KK RSD RAIL SPUR DITCH BASIN
 559 BA 0.02
 560 PH 0.001 0.60 1.10 1.83 2.04 2.19 2.52 3.19 3.86
 561 LS 88
 562 UD 0.17

563 KK PA3SP RETRIEVE DIVERSION AT 30" RCP INLET BEHIND SILVER LAKE ESTATES
 564 DR 30SLE
 * USE KINEMATIC WAVE ROUTING - HEC-1 MODEL WILL NOT RUN WITH MUSK-CUNGE HERE

565 KK RT LEB ROUTE THE OVERFLOW TO CP SLE
 566 RK 3275 .017 .013 TRAP 1.5 50

567 KK SLE SILVER LAKE ESTATES BASIN
 568 BA 0.13
 569 PH 0.001 0.61 1.11 1.84 2.05 2.21 2.54 3.22 3.91
 570 LS 88
 571 UD 0.29

572 KK CP SLE COMBINE DIVERSION FLOWS & SLE @ CP SLE
 573 HC 2

574 KK DV SLE DIVERT ROADWAY SPLIT FLOW TO BASIN GC1
 575 KM OVERFLOW AT N EDGE OF SILVER LAKE BLVD, WEST OF RAILROAD

576 DT STSLE
 577 DI 0 28 100 300
 578 DQ 0 0 72 272
 579 KK CP RSD COMBINE ALL FLOWS @ CP RSD
 580 HC 3
 581 KK RT C1C ROUTE CONC PT RSD TO CONC PT GC1
 582 RD 3835 .016 .035 TRAP 10 1
 583 KK RC SLE RETRIEVE DIVERSION FROM BASIN SLE
 584 DR STSLE
 585 KK RT C1B ROUTE SPLIT OVERFLOW FROM CP SLE TO CP GC1
 586 RD 4205 .019 .035 TRAP 10 1
 HEC-1 INPUT

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

587 KK CP GC1 COMBINE CONC PTS RSD, SLE SPLIT WITH GC1 HYDROGRAPH
 588 HC 3
 589 KK RT C2C ROUTE CONC PT GC1 TO TOP OF USBR STRUCTURE
 590 RD 1400 .009 .035 TRAP 12 2
 591 KK RT C2D CONTINUE ROUTING FROM BOTTOM OF USBR STRUCTURE TO END OF CHANNEL
 592 RD 1740 .007 .035 TRAP 20 3
 593 KK CP GC2 COMBINE CONC PTS GC1 & GC2 IN CHANNEL AT MOYA BLVD CULVERT INLETS
 594 HC 2
 595 KK UPR UNION PACIFIC REALTY BASIN
 596 BA 0.14
 597 PH 0.001 0.62 1.13 1.88 2.08 2.24 2.57 3.25 3.93
 598 LS 92
 599 UD 0.42
 600 KK CB SLK COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE
 601 HC 3
 *
 602 KK LEA LEAR DRAINAGE BASIN
 603 BA 0.14
 604 PH 0.001 0.61 1.11 1.86 2.07 2.22 2.55 3.22 3.89
 605 LS 91
 606 UD 0.52
 607 KK DV JCP DIVERT STORM DRAIN FLOWS EAST TO STEAD BLVD IN BASIN ST2
 608 KM 30" STORM DRAIN ALONG JCPENNEY NORTH ENTRANCE ROAD
 609 DT 30JCP
 610 DI 0 18 100 400
 611 DQ 0 18 18 18
 612 KK DV LEA DIVERT STORM DRAIN FLOWS TO LEMMON LAKE BASIN MA1
 613 KM 24" STORM DRAIN THRU RR DONNELLY PROPERTY
 614 DT 24LEA
 615 DI 0 15 100 400
 616 DQ 0 15 15 15

617 KK 24CMP RETRIEVE 24" CMP/RCP STORM DRAIN FLOW FROM CP S11
 618 DR 24S11
 * IGNORE ROUTING - TOO SHORT
 * RT T1C ROUTE APPROX. 390 FEET IN THE PIPE TO THE NORTH
 * 390 .020 .013 CIRC 2
 * NO FLOW DIVERSION TO 24" RCP BENEATH STEAD BLVD UNDER PROPOSED CONDITIONS
 * DV ST1 DIVERT STORM DRAIN FLOWS ACROSS STEAD BLVD IN 24" RCP
 * 24ST1

HEC-1 INPUT

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

619 KK RT T1D ROUTE STEAD BLVD STORM DRAIN FLOWS TO CP ST1 AT 24" RCP OUTLET
 620 RD 1610 .016 .013 CIRC 2

621 KK RC STD RETRIEVE STREET FLOWS FROM CP S11
 622 DR STDBL1
 * USE KINEMATIC WAVE ROUTING - MUSK-CUNGE DOESN'T WORK HERE

623 KK RT T1E ROUTE STREET FLOWS FROM CP S11 TO CP ST1
 624 RK 1980 .018 .016 TRAP 1.5 50

625 KK ST1 STEAD BLVD BASIN 1
 626 BA 0.02
 627 PH 0.001 0.60 1.10 1.83 2.04 2.19 2.52 3.18 3.84
 628 LS 88
 629 UD 0.32

630 KK CP ST1 COMBINE FLOWS @ CP ST1
 631 HC 3

632 KK RT T2A ROUTE FLOWS FROM CP ST1 TO 6'X 6' DROP INLET IN STEAD BLVD
 633 RD 1295 .020 .016 TRAP 1 1

634 KK RT T2C CONTINUE ROUTING TO CP ST2 IN STEAD BLVD
 635 RD 4480 .016 .016 TRAP 1.5 50

636 KK ST2 STEAD BLVD BASIN 2
 637 BA 0.40
 638 PH 0.001 0.61 1.10 1.84 2.04 2.20 2.53 3.19 3.84
 639 LS 89
 640 UD 0.51

641 KK DV HZL DIVERT STORM DRAIN FLOWS AT HAZELCREST SUBDIVISION TO LEMMON LAKE
 642 DT 18HZL
 643 DI 0 9 22 63 200
 644 DQ 0 9 15 16 16

645 KK RC JCP RECALL STORM DRAIN DIVERSION AT JCPENNEY SITE FROM BASIN LEA
 646 DR 30JCP

647 KK RT T2E ROUTE STORM DRAIN FLOW TO CONC PT ST2
 648 RD 2265 .008 .013 CIRC 2.5

649 KK CP ST2 COMBINE ALL FLOWS AT CP ST2 - INTERSECTION OF STEAD & LEAR
 650 HC 3

651 KK DV ST2 DIVERT STORM DRAIN FLOWS TO LEMMON LAKE BASIN MA1
 652 DT 54ST2

653 DI 0 65 100 500
 654 DQ 0 65 65 65

HEC-1 INPUT

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

655 KK DV BOX DIVERT FLOW AT CONCRETE BOX STRUCTURE IN STORM DRAIN TO LEMMON LAKE

656 DT RRBOX

657 DI 0 4 25 1000

658 DQ 0 4 25 25

* Proposed Donnelley perimeter basin / channel improvements

* Route flow unrestricted at approximate natural slope, channel size

659 KK RT MO1 ROUTE TO CONC PT LEA IN CHANNEL

660 RK 770 .001 .045 TRAP 40 3

661 KK CP LEA COMBINE CHANNEL FLOW WITH LEA HYDROGRAPH

662 HC 2

663 KK RT MO2 ROUTE IN CHANNEL TO MOYA DETENTION BASIN

664 RK 3765 .001 .045 TRAP 40 3

665 KK ST3 STEAD BLVD BASIN 3

666 BA 0.53

667 PH 0.001 0.61 1.11 1.85 2.05 2.20 2.52 3.17 3.82

668 LS 87

669 UD 0.82

670 KK RT MO3 ROUTE TO MOYA DETENTION BASIN

671 RD 960 .015 .050 TRAP 10 50

672 KK RT MO4 CONTINUE ROUTING TO MOYA DETENTION BASIN

673 RK 525 .001 .045 TRAP 16 3

674 KK MOY MOYA BLVD BASIN

675 BA 1.17

676 PH 0.001 0.62 1.13 1.89 2.09 2.24 2.55 3.22 3.89

677 LS 86

678 UD 1.24

679 KK CP MOY COMBINE ALL FLOWS AT CP MOY

680 HC 3

* The following Moya Detention Basin rating is for a 100-year storm only.

* SILVER LAKE 100-YEAR, 24-HOUR EVENT WSEL(NAVD) = 68.7'+/-

681 KK DETMO DETENTION STORAGE EAST OF MOYA BLVD

682 RS 1 ELEV 4968.7

683 SA 0 51.2 59.1 72.6 96.8 120.9 140.2

684 SE 4965 4966.0 4968.0 4970.0 4970.5 4971.0 4971.4

685 SQ 0 0 0 122 144 239 1013

*

686 KK RT K2B ROUTE MOYA DETENTION BASIN OUTFLOW TO SILVER LAKE

687 RD 4020 .002 .035 TRAP 50 3

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

688 KK SLK SILVER LAKE BASIN
 689 BA 1.32
 690 PH 0.001 0.64 1.16 1.93 2.14 2.30 2.64 3.35 4.06
 691 LS 93
 692 UD 0.30

693 KK CP SLK TOTAL FLOW AT SILVER LAKE PLAYA
 694 HC 3

*
 * SILVER LAKE PLAYA STAGE-STORAGE INFORMATION IS FROM NIMBUS ENGINEERS
 * FEMA FIS, HYDROLOGIC ANALYSIS OF SILVER LAKE AND LEMMON VALLEY PLAYAS,
 * DATED REVISED DECEMBER 1987.
 *

695 KK SLWSE SILVER LAKE 100-YEAR, 24-HOUR EVENT WSEL

* 1
 * INITIAL LAKE STORAGE = 5-year, 24-hour volume from the Nimbus Report
 696 RS 1 STOR 1278
 697 SA 0 1 5.7 21.2 113.9 220.5 314.4 377.5 441.9 525.0
 698 SA 596.0 940 1320
 699 SQ 0 0 0 0 0 0 0 0 0 0
 700 SQ 0 0 0
 701 SE 4950 4951 4952 4953 4954 4955 4956 4957 4958 4959
 702 SE 4960 4965 4970

* *****
 * * LEMMON LAKE DRAINAGE BASIN *
 * *****
 *

703 KK PE1A PEAVINE EAST BASIN 1A
 704 BA 0.05
 705 PH 0.001 0.60 1.09 1.82 2.03 2.18 2.51 3.18 3.86
 706 LS 72
 707 UD 0.24

708 KK SRT9C ROUTE THRU DETENTION
 709 KM STAGE-AREA-DISCHARGE PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN
 710 RS 1 STOR 0
 711 SA 0 0.34 0.574
 712 SE 84 90.1 94.4
 713 SQ 0 0 24

714 KK RT SBG ROUTE FLOW AT 24" OUTLET TO 36" CMP BENEATH RAILROAD
 715 RD 1300 .102 .035 TRAP 2 2

716 KK PE1B PEAVINE EAST BASIN 1B
 717 BA 0.11
 718 PH 0.001 0.60 1.09 1.82 2.03 2.18 2.51 3.18 3.86
 719 LS 72
 720 UD 0.30

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

721 KK SRT9B ROUTE THRU DETENTION BASIN
 722 KM STAGE-AREA-DISCHARGE PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN
 723 RS 1 STOR 0
 724 SA 0 0.2 0.41 0.411 0.411

	*	SE	87.2	90.5	93.9	- SE CARD FROM SKY VISTA MODIFIED						
725		SE	95.7	99.0	102.4	103	103.5					
726		SQ	0	20	35	45	61					
727		KK DV PE1	DIVERT FLOWS TO BASIN PE2 ALONG RR									
728		DT PE1-RR										
729		DI	0	30	38	45	61					
730		DQ	0	0	1	6	20					
731		KK RT SBA	ROUTE PE1B HYDROGRAPH TO 36" CMP BENEATH RAILROAD									
732		RD	1320	.090	.035	TRAP	2	2				
733		KK CB PE1	COMBINE FLOWS FROM PE1 AT THE INLET OF 36"									
734		HC	2									
735		KK RT SBB	ROUTE FROM 36" CMP OUTLET TO CONC PT ESB									
736		RD	2400	.033	.040	TRAP	4	3				
737		KK PE2	PEAVINE EAST BASIN 2									
738		BA	0.35									
739		PH		0.001	0.60	1.09	1.82	2.02	2.18	2.51	3.18	3.86
740		LS		73								
741		UD	0.62									
742		KK RC DIV	RETRIEVE RR DIVERSION FROM BASIN PE1B									
743		DR PE1-RR										
744		KK RT E1S	ROUTE TO CP PE2									
745		RD	560	.007	.035	TRAP	4	3				
746		KK CP PE2	COMBINE FLOWS FROM PE2 & DIVERSION FROM PE1B									
747		HC	2									
748		KK DV PE2	DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PE3									
749		DT RRPE2										
750		DI	0	30	39	70	88	111	139	175		
751		DQ	0	0	7	28	38	48	60	74		
752		KK RT SBC	ROUTE PE2 HYDROGRAPH TO 24" CMP BENEATH RAILROAD									
753		RD	990	.082	.035	TRAP	2	2				
754		KK RT SBD	ROUTE FROM 24" CMP OUTLET TO CONC PT ESB									
755		RD	3000	.039	.040	TRAP	4	3				
756		KK PE3	PEAVINE EAST BASIN 3									
757		BA	0.09									
758		PH		0.001	0.59	1.08	1.80	1.99	2.14	2.45	3.10	3.75
759		LS		78								
760		UD	0.30									

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

761	KK PE2SP	RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE2									
762	DR RRPE2										
763	KK RT PE3	ROUTE THE SPLIT ALONG RAILROAD SIDING TO CONC PT PE3									
764	RD 1120	.015	.035	TRAP	10	3					

765	KK CP PE3	COMBINE SPLIT FLOW FROM PE2 WITH BASIN PE3 HYDROGRAPH								
766	HC	2								
767	KK DV PE3	DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PE4								
768	DT RRPE3									
769	DI	0	25	42	73	128	230			
770	DQ	0	0	12	42	95	165			
771	KK RT SBE	ROUTE PE3 HYDROGRAPH TO 36" CMP BENEATH RAILROAD								
772	RD	900	.067	.035		TRAP	2	2		
773	KK RT SBF	ROUTE FROM 36" CMP OUTLET TO CONC PT ESB								
774	RD	3400	.037	.040		TRAP	5	3		
775	KK ESB	END STEAD BOULEVARD BASIN								
776	BA	0.39								
777	PH	0.001	0.60	1.09	1.81	2.01	2.17	2.49	3.13	3.78
778	LS	89								
779	UD	0.23								
780	KK CP ESB	COMBINE PE1, PE2 & PE3 HYDROGRAPHS WITH ESB								
781	HC	4								
	*									
782	KK ESB-DT	LOW STORAGE AREA SOUTH OF HIGHWAY 395								
783	RS	1	STOR	0						
784	SA	0	0.59	0.94	2.0	2.8	3.6			
785	SE	90	92	92.5	94	95	96			
786	SQ	0	24	38	128	299	849			
787	KK DV ESB	DIVERT FLOWS TO BASIN PE4 ALONG US 395								
788	DT WR-ESB									
789	DI	0	38	128	299	849				
790	DQ	0	0	45	190	717				
	*									
791	KK RT SE1	ROUTE HIGHWAY CULVERT OUTLET FLOW TO CP SE1								
792	RD	1470	.017	.035		TRAP	4	3		
793	KK SE1	STEAD EAST BASIN 1								
794	BA	0.08								
795	PH	0.001	0.60	1.09	1.81	2.01	2.17	2.49	3.13	3.77
796	LS	90								
797	UD	0.25								

HEC-1 INPUT

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

798	KK CP SE1	COMBINE FLOW FROM CP ESB WITH SE1 HYDROGRAPH								
799	HC	2								

*
*
* *****
* NOTE: BASIN PARAMETERS, DETENTION BASINS, AND CHANNEL ROUTING PARAMETERS
* USED FOR SV3 THRU SV7 WERE TAKEN FROM THE PROPOSED CONDITIONS HEC-1 MODEL
* PRESENTED IN THE SKY VISTA DRAINAGEWAY MASTER PLAN DATED 9/21/95,
* PREPARED BY JEFF CODEGA INC.
* TO BE CONSISTENT WITH THE OVERALL MODEL, PH CARDS FOR SKY VISTA BASINS
* SV3 THRU SV7 WERE MODIFIED ACCORDINGLY.
* *****

*

800 KK RT SV6 ROUTE THRU SKY VISTA BASIN 6 - FROM SKY VISTA DRAINAGE MASTER PLAN
801 RD 6500 .014 .040 TRAP 25 1

802 KK SV6 SKY VISTA BASIN 6 - FROM SKY VISTA DRAINAGE MASTER PLAN
803 BA 0.32
* NEW PH CARD

804 PH 0.001 0.59 1.06 1.77 1.98 2.14 2.47 3.09 3.71
805 LS 84
806 UD 0.47

807 KK SV7 SKY VISTA BASIN 7 - FROM SKY VISTA DRAINAGE MASTER PLAN
808 BA 0.073
* NEW PH CARD

809 PH 0.001 0.58 1.05 1.75 1.95 2.11 2.43 3.03 3.63
810 LS 79
811 UD 0.29

812 KK CP SV7 COMBINE ALL FLOWS AT CP SV7
813 HC 3

814 KK SRT679 ROUTE THRU DETENTION BASIN "A"
815 KM DETENTION BASIN PARAMETERS CALCULATED BASED UPON SKY VISTA PARKWAY
816 KM EXTENSION DETENTION/RETENTION BASIN DESIGN PLANS

817	RS	1	STOR	0					
818	SA	2.32	2.77	3.21	4.10	4.9	4.9	4.9	
819	SE	66	68	70	74	76	76.1	76.3	
820	SQ	0	0	21	94	192	288	678	

821 KK RT V4A ROUTE OUTFLOW FROM BASIN SRT679 TO CP SV4 THRU 42" RCP
822 KM ROUTING PARAMETERS ESTIMATED FROM THE CHANNEL/CULVERT DESIGN PLANS
823 RD 787 .012 .013 CIRC 3.5

824 KK RT V4B CONTINUE ROUTING TO CP SV4
825 KM ROUTING PARAMETERS ESTIMATED FROM THE CHANNEL/CULVERT DESIGN PLANS
826 RD 1400 .005 .035 TRAP 5 3

HEC-1 INPUT

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

827 KK SV4 SKY VISTA BASIN 4 - FROM SKY VISTA DRAINAGE MASTER PLAN
828 BA 0.111
* NEW PH CARD

829 PH 0.001 0.59 1.07 1.78 1.99 2.15 2.48 3.10 3.73
830 LS 83
831 UD 0.22

832 KK CP SV4 COMBINE OUTFLOW FROM DETENTON BASIN WITH SV4
833 HC 2

834 KK RT MIL ROUTE FLOWS TO CULVERT INLETS AT MILITARY ROAD
835 KM ROUTING PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN
836 RD 1000 .006 .040 TRAP 12 2

*
* RC ST1 RETRIEVE 24" STORM DRAIN DIVERSION FROM BASIN ST1
* 24ST1
* NO DIVERTED PIPE FLOW UNDER PROPOSED CONDITIONS

837	KK	SE2	STEAD EAST BASIN 2									
838	BA	0.09										
839	PH		0.001	0.60	1.09	1.82	2.03	2.18	2.51	3.16	3.82	
840	LS		92									
841	UD	0.17										
842	KK	RT SV3	ROUTE FLOWS FROM SE2 THRU BASIN SV3									
843	KM		ROUTING PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
844	RD	7100	.014	.035		TRAP	15	4				
845	KK	SE3	STEAD EAST BASIN 3									
846	BA	0.05										
847	PH		0.001	0.60	1.09	1.82	2.03	2.18	2.51	3.16	3.82	
848	LS		90									
849	UD	0.22										
850	KK	RT SV3	ROUTE FLOWS FROM SE3 THRU BASIN SV3									
851	RD	5200	.014	.035		TRAP	15	4				
852	KK	SV3	SKY VISTA BASIN 3 - FROM SKY VISTA DRAINAGE MASTER PLAN									
853	BA	0.275										
	*	NEW PH CARD										
854	PH		0.001	0.60	1.09	1.81	2.02	2.17	2.50	3.14	3.77	
855	LS		85									
856	UD	0.59										
857	KK	CB SV3	COMBINE FLOWS FROM CPSE2, SE3, & SV3									
858	HC	3										
859	KK	DV SV3	PER SKY VISTA DRAINAGE MASTER PLAN, DIVERT 125 CFS TO DETENTION "B"									
860	DT	DET B										
861	DI	0	50	125	200	500						
862	DQ	0	50	125	125	125						
			HEC-1 INPUT									
LINE	ID	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10										
863	KK	RC SV3	RECALL DIVERSION TO DETENTION BASIN B									
864	DR	DET B										
865	KK	SRT3,B	DETENTION BASIN "B" FROM SKY VISTA DRAINAGE MASTER PLAN									
866	KM		BASIN PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
867	RS	1	STOR	0								
868	SA	0	1.22	1.42	1.61	1.81						
869	SE	4954	4956	4958	4960	4962						
870	SQ	0	10	20	30	40	50	60	70	80	90	
871	SE	4958	4959.3	4960	4960.6	4961.2	4961.9	4962.7	4964	4964.1	4964.2	
872	KK	CP SV3	COMBINE CHANNEL FLOWS WITH DETENTION BASIN "B" OUTFLOWS									
873	HC	2										
874	KK	RT MIL	ROUTE FROM CP SV3 TO CULVERTS @ MILITARY ROAD									
875	KM		ROUTING PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
876	RD	1000	0.006	0.04		TRAP	12	2				
877	KK	SV5	SKY VISTA BASIN 5 - FROM SKY VISTA DRAINAGE MASTER PLAN									
878	BA	0.027										
	*	NEW PH CARD										
879	PH		0.001	0.60	1.09	1.82	2.02	2.18	2.51	3.15	3.80	

880 LS 91
 881 UD 0.04
 882 KK SE4 STEAD EAST BASIN 4
 883 BA 0.01
 884 PH 0.001 0.60 1.09 1.82 2.03 2.18 2.51 3.15 3.80
 885 LS 86
 886 UD 0.18
 887 KK CP SE4 COMBINE FLOWS FROM SV5 & SE4 AT RCP INLET
 888 KM BEGIN KERNITE STREET STORM DRAIN
 889 HC 2
 890 KK RT A1A ROUTE TO LEAR BLVD SDMH
 891 RD 2665 .009 .013 CIRC 3
 892 KK RC HZL RETRIEVE HAZELCREST STORM DRAIN DIVERSION FROM BASIN ST2
 893 DR 18HZL
 894 KK RT A1D ROUTE HAZELCREST DIVERSION TO LEAR BLVD SDMH
 895 RD 620 .007 .013 CIRC 4
 896 KK CB SD COMBINE STORM DRAIN FLOWS AT LEAR BLVD SDMH
 897 HC 2
 898 KK RT A1B ROUTE TO MAIN STORM DRAIN TRUNK OUTLET
 899 RD 1260 .002 .024 CIRC 5.5
 HEC-1 INPUT

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

900 KK RC LEA RETRIEVE 24" SD DIVERSION FROM BASIN LEA
 901 DR 24LEA
 902 KK RC BOX RETRIEVE CONCRETE BOX STRUCTURE DIVERSION IN DONNELLY DETEN BASIN
 903 DR RRBOX
 904 KK CB BOX COMBINE LEAR AND DONNELLEY DIVERSIONS IN BOX STRUCTURE
 905 HC 2
 906 KK RT M05 ROUTE TO SDMH IN STEAD BLVD.
 907 RD 1125 .003 .013 CIRC 3
 908 KK RC ST2 RETRIEVE 54" X 36" SD DIVERSION FROM ST2
 909 DR 54ST2
 910 KK CB SD1 COMBINE STORM DRAIN DIVERSIONS IN SDMH
 911 HC 2
 912 KK RT T2D ROUTE FROM SDMH TO MAIN STORM DRAIN TRUNK OUTLET
 913 RD 1795 .002 .024 CIRC 5.5
 914 KK CB SD2 COMBINE STORM DRAIN FLOWS AT THE OUTLET
 915 HC 2
 916 KK RT A1C ROUTE FROM THE SD OUTLET TO CP MA1 IN EX CHANNEL
 917 RD 3875 .006 .035 TRAP 6 2
 918 KK MA1 MAYORS PARK BASIN 1

919	BA	0.41									
920	PH		0.001	0.60	1.09	1.82	2.03	2.18	2.50	3.15	3.80
921	LS		79								
922	UD	0.72									
923	KK	ML3	MILITARY ROAD BASIN 3								
924	BA	0.17									
925	PH		0.001	0.58	1.05	1.75	1.95	2.11	2.43	3.02	3.62
926	LS		82								
927	UD	0.49									

928	KK	CP MA1	COMBINE FLOWS AT THE INLET OF BOX CULVERTS UNDER MILITARY ROAD								
929	HC	5									

930	KK	RT GP1	ROUTE FLOW FROM BOX CULVERTS TO LEMMON LAKE								
931	RD	3605	.007	.030		TRAP	8	1			

932	KK	MA2	MAYORS PARK BASIN 2								
933	BA	0.06									
934	PH		0.001	0.60	1.09	1.82	2.03	2.18	2.50	3.14	3.77
935	LS		86								
936	UD	0.17									

HEC-1 INPUT

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

937	KK	RT GP2	ROUTE FROM CP MA2 THRU SAGE POINT BUSINESS PARK								
938	RD	1060	.049	.035		TRAP	3	4			

939	KK	RT GP3	CONTINUE ROUTING TO LEMMON LAKE								
940	RD	2555	.004	.025		TRAP	5	3			

941	KK	SGP	SAGE POINT BUSINESS PARK BASIN								
942	BA	0.26									
943	PH		0.001	0.59	1.06	1.77	1.98	2.13	2.46	3.07	3.69
944	LS		87								
945	UD	0.44									

946	KK	CP SGP	COMBINE BASIN MA2 & SGP HYDROGRAPHS								
947	HC	2									

948	KK	CB LLK	COMBINE FLOWS AT LEMMON LAKE - NOT THE TOTAL FLOW @ LEMMON LAKE								
949	HC	2									
		*									

950	KK	PE5	PEAVINE EAST BASIN 5								
951	BA	2.53									
952	PH		0.001	0.57	1.04	1.74	1.91	2.04	2.30	2.98	3.66
953	LS		68								
954	UD	1.51									
		*									

955	KK	DET33	DETENTION STORAGE AT CONC PT PE5, INLET OF 33" CMP AT RAILROAD								
956	RS	1	STOR	0							
957	SA	0	1.46	3.22	3.3	3.3	3.3				
958	SE	29.6	40.0	51.5	52.0	52.5	53.0				
959	SQ	0	75	119	146	204	313				

960	KK	DV PE5	DIVERT OVERFLOW AT 33" RAILROAD CULVERT TO BASIN PE6								
-----	----	--------	--	--	--	--	--	--	--	--	--

961	DT	RRPE5								
962	DI	0	100	119	146	204	313	555	986	
963	DQ	0	0	5	31	87	175	292	440	
	*									

964	KK	RT HR1	ROUTE PE5 HYDROGRAPH TO CONC PT HR1							
965	RD	2780	.034	.035		TRAP	4		3	

966	KK	HR1	HEINDEL ROAD BASIN 1							
967	BA	0.09								
968	PH		0.001	0.54	0.98	1.63	1.80	1.93	2.20	2.75 3.31
969	LS		81							
970	UD	0.23								

971	KK	CP HR1	COMBINE PE5 AND HR1 HYDROGRAPHS							
972	HC	2								

HEC-1 INPUT

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

973	KK	RT H2A	ROUTE CONC PT HR1 THRU 54" CMP							
974	RD	800	.020	.024		CIRC	4.5			

975	KK	RT H2B	ROUTE OUTLET OF 54" CMP TO CONC PT HR2							
976	RD	375	.037	.035		TRAP	6		3	

977	KK	HR2	HEINDEL ROAD BASIN 2							
978	BA	0.03								
979	PH		0.001	0.54	0.98	1.63	1.81	1.94	2.21	2.75 3.29
980	LS		86							
981	UD	0.12								

982	KK	CP HR2	COMBINE CONC PT HR1 WITH HR2 HYDROGRAPH							
983	HC	2								

984	KK	RT G3A	ROUTE CONC PT HR2 BENEATH LEMMON DRIVE IN 72" CMP							
985	RD	1630	.026	.024		CIRC	6			

986	KK	RT G3B	CONTINUE ROUTING TO CONC PT GV3							
987	RD	1630	.023	.035		TRAP	8		2	

988	KK	HR3	HEINDEL ROAD BASIN 3							
989	BA	0.10								
990	PH		0.001	0.53	0.96	1.60	1.78	1.91	2.18	2.71 3.24
991	LS		85							
992	UD	0.20								

993	KK	RT G3C	ROUTE CONC PT HR3 TO CONC PT GV3							
994	RD	3690	.023	.035		TRAP	3		3	

995	KK	PE6	PEAVINE EAST BASIN 6							
996	BA	0.10								
997	PH		0.001	0.53	0.97	1.62	1.78	1.91	2.17	2.73 3.29
998	LS		73							
999	UD	0.19								

1000	KK	PE5SP	RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE5							
1001	DR	RRPE5								

1002 KK RT 6SA ROUTE PE5 SPLIT ALONG RAILROAD SIDING THRU PE6
 1003 RD 910 .007 .035 TRAP 15 3
 * ROUTING TOO SHORT - IGNORE
 * RT 6SB CONTINUE ROUTING TO CONC PT PE6
 * 400 .055 .035 TRAP 3 1

1004 KK CP PE6 COMBINE SPLIT FLOW FROM PE5 WITH BASIN PE6 HYDROGRAPH
 1005 HC 2
 *

HEC-1 INPUT

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

1006 KK DET24 DETENTION STORAGE AT CONC PT PE6, INLET OF 24" CMP AT RAILROAD
 1007 RS 1 STOR 0
 1008 SA 0 1.56 1.56 1.56 1.56 1.56
 1009 SE 5222.3 5239.4 5240.5 5241.5 5242.0 5242.5
 1010 SQ 0 49 51 84 119 305

1011 KK DV PE6 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PE7
 1012 DT RRPE6
 1013 DI 0 49 51 63 84 119 305
 1014 DQ 0 0 1 12 33 64 102

1015 KK RT MGA ROUTE PE6 HYDROGRAPH TO NORTH VIRGINIA ST
 1016 RD 1600 .036 .024 CIRC 2

1017 KK RT MGB CONTINUE ROUTING TO CONC PT MG1
 1018 RD 2260 .026 .035 TRAP 4 3

1019 KK MG1 MEMORIAL GARDENS BASIN 1
 1020 BA 0.18
 1021 PH 0.001 0.52 0.95 1.58 1.75 1.88 2.15 2.67 3.20
 1022 LS 86
 1023 UD 0.25

1024 KK CP MG1 COMBINE PE6 HYDROGRAPH WITH BASIN MG1
 1025 HC 2

1026 KK RT G3D ROUTE CONC PT MG1 TO CONC PT GV3
 1027 RD 4620 .018 .035 TRAP 6 2

1028 KK PE7 PEAVINE EAST BASIN 7
 1029 BA 0.99
 1030 PH 0.001 0.52 0.95 1.59 1.75 1.87 2.13 2.70 3.26
 1031 LS 74
 1032 UD 0.49

1033 KK PE6SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE6
 1034 DR RRPE6

* 0 CFS SPLITS FROM CP PE6 TO BASIN PE7 DURING A 100-YEAR STORM
 * ROUTING NOT NEEDED
 * RT 7SA ROUTE PE6 SPLIT ALONG RAILROAD THRU PE7
 * 500 .006 .035 TRAP 12 3
 * RT 7SB CONTINUE ROUTING TO CONC PT PE7
 * 350 .057 .035 TRAP 3 3

1035 KK CP PE7 COMBINE SPLIT FLOW FROM PE6 WITH BASIN PE7 HYDROGRAPH
 1036 HC 2

*

1037	KK	DET24	DETENTION STORAGE AT CONC PT PE7, INLET OF 24" CMP AT RAILROAD						
1038	RS	1	STOR	0					
1039	SA	0	1.48	1.48	1.48	1.5	1.5	1.5	
1040	SE	17.4	30.8	31.0	31.5	32	32.5	33.5	
1041	SQ	0	41	46	74	129	214	663	

HEC-1 INPUT

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

1042	KK	DV PE7	DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PH1						
1043	DT	RRPE7							
1044	DI	0	41	46	74	129	214	365	663
1045	DQ	0	0	4	31	86	170	284	426

*

1046	KK	RT NV1	ROUTE PE7 HYDROGRAPH TO CONC PT NV1						
1047	RD	1760	.029	.024		CIRC	3		

1048	KK	NV1	NORTH VIRGINIA BASIN 1								
1049	BA	0.06									
1050	PH		0.001	0.51	0.94	1.56	1.73	1.85	2.12	2.65	3.17
1051	LS		89								
1052	UD	0.15									

1053	KK	CP NV1	COMBINE PE7 & NV1 HYDROGRAPHS						
1054	HC	2							

1055	KK	RT TP1	ROUTE CONC PT NV1 TO CONC PT TP1						
1056	RD	2000	.016	.035		TRAP	5	3	

1057	KK	TP1	TRAILER PARK 1								
1058	BA	0.05									
1059	PH		0.001	0.51	0.93	1.55	1.72	1.84	2.11	2.62	3.13
1060	LS		90								
1061	UD	0.18									

1062	KK	CP TP1	COMBINE CONC PT NV1 WITH TP1 HYDROGRAPH						
1063	HC	2							

1064	KK	RT G3E	ROUTE CONC PT TP1 BEHIND NORTH HILLS SHOPPING CENTER IN CHANNEL						
1065	RD	1400	.016	.013		TRAP	10	3	

1066	KK	RT G3F	CONTINUE ROUTING TO CONC PT GV3						
1067	RD	5350	.017	.035		TRAP	10	3	

1068	KK	GV3	GOLDEN VALLEY BASIN 3								
1069	BA	0.34									
1070	PH		0.001	0.52	0.94	1.57	1.74	1.87	2.15	2.66	3.17
1071	LS		84								
1072	UD	0.52									

1073	KK	CP GV3	COMBINE CONC PTS HR2, HR3, MG1 & TP1 WITH GV3 HYDROGRAPH						
1074	HC	5							

1075	KK	PH1	PEAVINE HEIGHTS BASIN 1								
1076	BA	0.11									
1077	PH		0.001	0.50	0.92	1.53	1.69	1.82	2.08	2.61	3.13

1078 LS 82
1079 UD 0.35

HEC-1 INPUT

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

1080 KK PE7SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE7
1081 DR RRPE7

1082 KK RT HSA ROUTE PE7 SPLIT ALONG RAILROAD THRU PH1
1083 RD 650 .017 .035 TRAP 16 3

1084 KK RT HSB CONTINUE ROUTING TO CONC PT PH1
1085 RD 570 .049 .035 TRAP 3 3

1086 KK CP PH1 COMBINE SPLIT FLOW FROM PE7 WITH BASIN PH1 HYDROGRAPH
1087 HC 2
*

1088 KK DET24 DETENTION STORAGE AT CONC PT PH1, INLET OF 24" CMP AT RAILROAD
1089 RS 1 STOR 0
1090 SA 0 0.82 4.3 4.3 4.3 4.3
1091 SE 5192.1 5200.0 5208.5 5209.5 5210 5211
1092 SQ 0 30 43 83 131 379

1093 KK DV PH1 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN RH1
1094 DT RRP1
1095 DI 0 38 43 55 83 131 214 379
1096 DQ 0 0 1 12 40 87 154 240

1097 KK RT TP2 ROUTE PH1 HYDROGRAPH TO CONC PT TP2
1098 RD 2430 .026 .035 TRAP 3 3

1099 KK TP2 TRAILER PARK BASIN 2
1100 BA 0.10
1101 PH 0.001 0.50 0.91 1.52 1.69 1.82 2.08 2.58 3.09
1102 LS 88
1103 UD 0.20

1104 KK CP TP2 COMBINE PH1 HYDROGRAPH WITH CONC PT TP2
1105 HC 2

1106 KK RH1 RALEIGH HEIGHTS BASIN 1
1107 BA 0.69
1108 PH 0.001 0.48 0.88 1.47 1.63 1.76 2.02 2.51 3.00
1109 LS 84
1110 UD 0.35

1111 KK PH1SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PH1
1112 DR RRP1

1113 KK RT RHA ROUTE PH1 SPLIT ALONG RAILROAD SIDING TO 24" CMP AT RAILROAD
1114 RD 760 .011 .035 TRAP 11 3

1115 KK RT RHB CONTINUE ROUTING TO CONC PT RH1
1116 RD 5790 .036 .035 TRAP 3 3

HEC-1 INPUT

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

1117	KK	CB RH1	COMBINE SPLIT FLOWS FROM PH1 WITH RH1									
1118	HC	2										
1119	KK	CP RH1	COMBINE BASIN RH1 HYDROGRAPH WITH CP TP2									
1120	HC	2										
1121	KK	RT GV1	ROUTE CONC PT RH1 TO CONC PT GV1									
1122	RD	4925	.011	.035		TRAP	6	3				
	*											
1123	KK	GV1	GOLDEN VALLEY BASIN 1									
1124	BA	3.13										
1125	PH		0.001	0.47	0.85	1.42	1.59	1.72	1.98	2.42	2.86	
1126	LS		77									
1127	UD	1.24										
1128	KK	CP GV1	COMBINE CONC PT RH1 WITH GV1 HYDROGRAPH									
1129	HC	2										
1130	KK	RT GV2	ROUTE CONC PT GV1 TO CONC PT GV3									
1131	RD	4335	.011	.035		TRAP	7	3				
1132	KK	GV2	GOLDEN VALLEY BASIN 2									
1133	BA	0.58										
1134	PH		0.001	0.51	0.92	1.53	1.71	1.85	2.13	2.62	3.11	
1135	LS		74									
1136	UD	0.53										
1137	KK	CP GV3	COMBINE CONC PTS GV3 & GV1 WITH GV2 HYDROGRAPH									
1138	HC	3										
1139	KK	RT LD2	ROUTE CONC PT GV3 TO CONC PT LD2									
1140	RD	3460	.009	.035		TRAP	12	3				
1141	KK	LD2	LEMMON DRIVE BASIN 2									
1142	BA	0.21										
1143	PH		0.001	0.53	0.96	1.60	1.78	1.92	2.21	2.74	3.26	
1144	LS		75									
1145	UD	0.38										
1146	KK	CP LD2	COMBINE CONC PT GV3 WITH BASIN LD2 HYDROGRAPH									
1147	HC	2										

* Parameters for Lemmon Drive and Military Road channels, Channel "A", Channel "B" and Channel "C" per Southwest Lemmon Valley Flood Channels Conditional Letter of Map Revision filed by Schaaf & Wheeler for CFA Engineers, June 1998

1148	KK	RT VL2	ROUTE CONC PT LD2 DOWN LEMMON DRIVE TO NEW DIVERSION CHANNEL									
1149	KM		IMPROVED SECTION OF LEMMON DRIVE CHANNEL									
1150	RD	2200	.008	.040		TRAP	40	2				

HEC-1 INPUT

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

1151	KK	DV HYD	NEW FLOW DIVERSION IN LEMMON DRIVE CHANNEL AT HYDRAULIC STREET									
1152	DT	LDHYD										

1153	DI	0	121	235	391	590	827	1098	1401	1736	2102
1154	DQ	0	0	0	18	57	115	190	283	394	523
1155	KK RT VL3		ROUTE DIVERTED FLOW IN NEW CHANNEL "A" TO CONC PT NVD								
1156	RD	5000	.007	.040		TRAP	50	2			
1157	KK	LD1	LEMMON DRIVE BASIN 1								
1158	BA	0.33									
1159	PH		0.001	0.54	0.99	1.64	1.82	1.96	2.25	2.80	3.35
1160	LS		84								
1161	UD	0.49									
1162	KK RT VL1		ROUTE LD1 HYDROGRAPH THRU BASIN LVL TO CONC PT LVL								
1163	RD	3095	.005	.035		TRAP	3	3			
1164	KK	LVL	LEMMON VALLEY LAND CO BASIN								
1165	BA	0.29									
1166	PH		0.001	0.54	0.99	1.65	1.84	1.98	2.28	2.83	3.37
1167	LS		88								
1168	UD	0.64									
1169	KK CB LVL		COMBINE BASINS LD1 AND LVL HYDROGRAPHS AT CONC PT LVL								
1170	HC	2									
1171	KK RT VD1		ROUTE CONC PT LVL IN NEW CHANNEL "A" TO CONC PT NVD								
1172	RD	3070	.007	.040		TRAP	50	2			
			*								
1173	KK	PE4	PEAVINE EAST BASIN 4								
1174	BA	1.85									
1175	PH		0.001	0.57	1.04	1.74	1.92	2.05	2.33	2.96	3.60
1176	LS		79								
1177	UD	0.93									
1178	KK PE3SP		RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE3								
1179	DR	RRPE3									
1180	KK RT PE4		ROUTE THE SPLIT FROM PE3 TO CONC PT PE4								
1181	RD	4450	.046	.035		TRAP	3	3			
1182	KK ESB SP		RETRIEVE SPLIT FLOW ALONG US395 FROM CP ESB								
1183	DR	WR-ESB									
1184	KK CP PE4		COMBINE SPLIT FLOWS FROM PE3 & ESB WITH BASIN PE4 HYDROGRAPH								
1185	HC	3									
1186	KK RT ML1		ROUTE CONC PT PE4 TO CONC PT ML1								
1187	RD	9070	.013	.035		TRAP	10	3			
						HEC-1 INPUT					
LINE	ID	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10									
1188	KK	ML1	MILITARY ROAD BASIN 1								
1189	BA	1.06									
1190	PH		0.001	0.57	1.03	1.72	1.91	2.05	2.35	2.95	3.55
1191	LS		84								
1192	UD	1.16									
1193	KK CP ML1		COMBINE CONC PT PE4 WITH BASIN ML1 HYDROGRAPH								

1194	HC	2								
1195	KK	RT ML3	ROUTE CONC PT ML1 IN IMPROVED ROADSIDE CHANNEL TO NEW 8x4 RCB's							
1196	KM		IMPROVED SECTION OF MILITARY ROAD CHANNEL							
1197	RD	850	.006	.015	TRAP	25	2			
1198	KK	RT VD2	CONTINUE ROUTING IN NEW CHANNEL "C" TO CONC PT NVD							
1199	RD	2080	.010	.040	TRAP	30	2			
1200	KK	NVD	NORTH VALLEYS DEVELOPMENT CO BASIN							
1201	BA	0.15								
1202	PH		0.001	0.56	1.01	1.69	1.89	2.04	2.35	2.91 3.46
1203	LS		85							
1204	UD	0.34								
1205	KK	CB A&C	COMBINE CHANNELS "A" AND "C" FLOWS WITH BASIN NVD HYDROGRAPH							
1206	HC	4								
1207	KK	RT ML2	ROUTE CONC PT NVD FLOWS TO LEMMON LAKE							
1208	KM		ROUTE INCLUDES NEW CHANNEL "B" SECTION							
1209	RD	4065	.003	.060	TRAP	10	50			
1210	KK	ML2	MILITARY ROAD BASIN 2							
1211	BA	0.48								
1212	PH		0.001	0.57	1.03	1.71	1.91	2.06	2.37	2.94 3.51
1213	LS		81							
1214	UD	0.58								
1215	KK	CB LLK	COMBINE FLOWS AT LEMMON LAKE - NOT THE TOTAL FLOW @ LEMMON LAKE							
1216	HC	3								
		*								
1217	KK	RC HYD	RETRIEVE BYPASS FLOW IN LEMMON DRIVE CHANNEL AT HYDRAULIC STREET							
1218	DR	LDHYD								
1219	KK	RT LD3	ROUTE BYPASSED FLOW IN EXISTING LEMMON DRIVE CHANNEL TO LEMMON LAKE							
1220	RD	7865	.006	.035	TRAP	12	1			
1221	KK	BER	BERNOULLI STREET BASIN							
1222	BA	0.59								
1223	PH		0.001	0.53	0.96	1.60	1.79	1.93	2.23	2.74 3.24
1224	LS		74							
1225	UD	0.66								

HEC-1 INPUT

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

1226	KK	RT PAT	ROUTE BER HYDROGRAPH TO CONC PT PAT							
1227	RD	2840	.005	.035	TRAP	12	2			
1228	KK	PAT	PATRICIAN DRIVE BASIN							
1229	BA	1.02								
1230	PH		0.001	0.50	0.91	1.52	1.71	1.84	2.13	2.60 3.06
1231	LS		71							
1232	UD	0.98								
1233	KK	CP PAT	COMBINE BER WITH BASIN PAT HYDROGRAPH							
1234	HC	2								

1235	KK CP LEM	COMBINE FLOWS FROM BER, PAT & LEMMON DRIVE CHANNEL									
1236	HC	2									
1237	KK LD3	LEMMON DRIVE BASIN 3									
1238	BA	0.50									
1239	PH		0.001	0.54	0.98	1.64	1.83	1.98	2.28	2.81	3.33
1240	LS		76								
1241	UD	0.80									
1242	KK CB LLK	COMBINE FLOWS AT LEMMON LAKE - NOT THE TOTAL FLOW @ LEMMON LAKE									
1243	HC	3									
	*										
1244	KK LV5	LEMMON VALLEY BASIN 5									
1245	BA	2.56									
1246	PH		0.001	0.46	0.84	1.40	1.56	1.69	1.94	2.36	2.78
1247	LS		70								
1248	UD	1.53									
1249	KK RT LV3	ROUTE LV5 HYDROGRAPH TO CONC PT LV3									
1250	RD	5910	.013	.040		TRAP	10	50			
1251	KK LV3	LEMMON VALLEY BASIN 3									
1252	BA	2.50									
1253	PH		0.001	0.51	0.92	1.53	1.72	1.86	2.15	2.61	3.06
1254	LS		75								
1255	UD	0.96									
1256	KK CP LV3	COMBINE LV5 & LV3 HYDROGRAPHS AT CONC PT LV3									
1257	HC	2									
1258	KK LV4	LEMMON VALLEY BASIN 4									
1259	BA	5.22									
1260	PH		0.001	0.46	0.83	1.38	1.54	1.66	1.92	2.33	2.73
1261	LS		74								
1262	UD	1.41									
						HEC-1 INPUT					
1											
LINE	ID.....	1.....2.....3.....4.....5.....6.....7.....8.....9.....10									
1263	KK RT LV2	ROUTE LV4 HYDROGRAPH TO CONC PT LV2									
1264	RD	8360	.006	.040		TRAP	10	50			
1265	KK LV2	LEMMON VALLEY BASIN 2									
1266	BA	7.02									
1267	PH		0.001	0.54	0.98	1.64	1.84	1.99	2.31	2.81	3.31
1268	LS		70								
1269	UD	1.63									
1270	KK CP LV2	COMBINE LV4 & LV2 HYDROGRAPHS AT CONC PT LV2									
1271	HC	2									
1272	KK LV1	LEMMON VALLEY BASIN 1									
1273	BA	0.85									
1274	PH		0.001	0.59	1.08	1.79	1.99	2.15	2.46	3.05	3.64
1275	LS		75								
1276	UD	0.46									
1277	KK RT LLK	ROUTE LV1 HYDROGRAPH TO LEMMON LAKE									

1278	RD	1400	.018	.035		TRAP	3	2				
1279	KK	LLK	LEMMON LAKE BASIN									
1280	BA	3.34										
1281	PH		0.001	0.57	1.04	1.74	1.94	2.09	2.40	2.95	3.51	
1282	LS		89									
1283	UD	0.32										
1284	KK	CP LLK	TOTAL FLOW @ LEMMON LAKE									
1285	HC	5										
	*											
	*		LEMMON LAKE PLAYA STAGE-STORAGE INFORMATION IS FROM NIMBUS ENGINEERS									
	*		FEMA FIS, HYDROLOGIC ANALYSIS OF SILVER LAKE AND LEMMON VALLEY PLAYAS,									
	*		DATED REVISED DECEMBER 1987.									
	*											
1286	KK	LLWSE	LEMMON LAKE 100-YEAR, 24-HOUR EVENT WSEL									
	*	1										
	*		INITIAL LAKE STORAGE = 5-year, 24-hour from the Nimbus Report									
1287	RS	1	STOR	2108								
1288	SA	0	1	3.2	21.6	194.2	486.7	686.4	794.8	872.8	940.3	
1289	SA	1000.5	1075.1	1215	1365	1480	1644	3650				
1290	SQ	0	0	0	0	0	0	0	0	0	0	
1291	SQ	0	0	0	0	0	0	0				
1292	SE	4905	4906	4907	4908	4909	4910	4911	4912	4913	4914	
1293	SE	4915	4916	4917	4918	4919	4920	4940				
	*											
1294	ZZ											

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT LINE (V) ROUTING (---⊕) DIVERSION OR PUMP FLOW

NO. (.) CONNECTOR (=_---) RETURN OF DIVERTED OR PUMPED FLOW

```

18      FR1
      .
      .
23      .      FR2
      .      .
      .      .
28      CP FRD.....
      V
      V
30      RT K4A
      .
      .
32      .      RR1
      .      V
      .      V
37      .      RT K4B
      .      V
      .      V
39      .      RT K4C
      .      .
      .      .
41      .      .      SK4
      .      .      .
      .      .      .
46      CP SK4.....
  
```


	V			
	V			
48	SARB			
	V			
	V			
53	RT SK3			
	.			
	.			
55	.	SK3		
	.	.		
	.	.		
60	CP SK3.....			
	V			
	V			
62	RT K2A			
	.			
	.			
64	.	SK2		
	.	.		
	.	.		
69	CP SK2.....			
	.			
	.			
71	.	SK1		
	.	.		
	.	.		
76	CB SLK.....			
	.			
	.			
	.	PW6		
	.	.		
	.	.		
86	.	-----c	60PW6	
83	.	DV PW6		
	.	V		
	.	V		
89	.	RT RRI		
	.	.		
	.	.		
91	.	.	PW5	
	.	.	.	
	.	.	.	
98	.	.	-----c	RR&NV
96	.	.	DV PW5	
	.	.	.	
	.	.	.	
101	.	.	.	RRI

106	.	CP RRI.....		
	.	.		
	.	.		
110	.	-----c	24RRI	
108	.	DV RRI		
	.	V		
	.	V		
113	.	RT R3C		
	.	.		
	.	.		
115	.	.	SS2	

121

122

125

124

126

128

130

132

139

137

142

147

149

154

158

156

161

163

168

170

175

----- 60PW6
 =
 60RCP
 V
 V
 RT SS2

----- 24RR1
 =
 24CMP

CP SS2.....
 V
 V
 RT R3D

CB MOY.....

PW1
 -----c 48PW1
 DV PW1

-----c 24PW2
 DV PW2
 V
 V
 RT PW2

PW2

CP PW2.....

-----c 42PW2
 DV PW2
 V
 V
 RT PW3

PW3

CP PW3.....

-----c 48PW3
 DV PW3

PW4

181

RR&NV
RRINT

184

182

42PW4
DV PW4

187

CP PW4

V

V

189

DET48

V

V

195

RT R4E

198

197

48PW1
48RCP

V

V

199

RT R4A

202

201

24PW2
24RCP

V

V

203

RT R4B

206

205

42PW2
42RCP

V

V

207

RT R4C

210

209

48PW3
48RCP

V

V

211

RT R4D

213

GR4

218

CP GR4

V

V

220

RT R3A

223

222

42PW4
42RCP

V

V

224	.	.	.	RT R3B	.

	.	.	.	.	GR3

231	.	.	CP GR3	.....	.

233	.	CP CHN	.....	.	.
	.	V	.	.	.
	.	V	.	.	.
235	.	RT SLB	.	.	.

237	.	.	GR2	.	.
	.	.	V	.	.
	.	.	V	.	.
242	.	.	RT SLA	.	.

244	.	.	.	GR1	.

249	CB SLK	.....	.	.	.

251	.	PA1	.	.	.
	.	V	.	.	.
	.	V	.	.	.
256	.	RT SS1	.	.	.

258	.	.	SS1A	.	.

263	.	.	.	SS1B	.
	.	.	.	V	.
	.	.	.	V	.
268	.	.	.	DT SS1	.

273	.	CP SS1	.....	.	.
	.	V	.	.	.
	.	V	.	.	.
275	.	RT SS3	.	.	.

277	.	.	SS3	.	.

282	CB SLK	.....	.	.	.

	.	SL2	.	.	.
	.	V	.	.	.
	.	V	.	.	.
289	.	RT L3A	.	.	.

291	.	.	SL3A
	.	.	.
	.	.	.
297	.	C SL3A.....	
	.	V	
	.	V	
298	.	DT L3A	
	.	V	
	.	V	
304	.	RT L3B	
	.	.	
	.	.	
306	.	.	SL3B
	.	.	.
	.	.	.
311	.	CB SL3.....	
	.	V	
	.	V	
313	.	RT GC3	
	.	.	
	.	.	
315	.	.	GC3
	.	.	.
	.	.	.
320	.	CB GC3.....	
	.	.	
	.	.	
322	.	CB SLK.....	
	.	.	
	.	.	
324	.	PA2	
	.	V	
	.	V	
329	.	RT SL1	
	.	.	
	.	.	
331	.	.	SL1
	.	.	.
	.	.	.
336	.	CP SL1.....	
	.	V	
	.	V	
338	.	RT C2A	
	.	V	
	.	V	
340	.	RT C2B	
	.	.	
	.	.	
342	.	.	GC2
	.	.	.
	.	.	.
347	.	CB GC2.....	
	.	.	
	.	.	
	.	.	PA3
	.	.	V
	.	.	V
354	.	.	RT LEA
	.	.	.
	.	.	.

357
356
3
362
364
369
371
377
376
380
382
390
389
393
395
400
403
402
406
408
415

-----> 30SLE
DV SLE
V
V
RT LEC
V
V
RT C1A
GC1
CB GC1.....
PW7
-----c RRPW7
DV PW7
V
V
RT PA4
PA4
CP PA4.....
-----c 24PA4
DV PA4
V
V
RT PA6
PA6
CP PA6.....
-----c 36PA6
DV PA6
V
V
RT A7B
PA5
V
V
RT A7A
PA7

420
424
426
432
431
433
436
435
439
441
444
450
449
451
453
455
460
465
462
468
471
470

CP PA7.....
V
V
RT SDA
V
V
RT SDB

AW1

----- RRPW7
=
PW7SP

CP AW1.....

----- RRAW1
DV AW1
V
V
RT AWC
V
V
RT AWD

AW2

----- RRAW1
=
AW1SP
V
V
RT AW1

CP AW2.....

V
V
DET36
V
V
RT AWE

----- 36AW3
DV A36
V
V
RT AWF

----- 24PA4
=
2-24
V
V

472	.	.	.	.	.	RT AWA	.

477	.	.	.	.	.	-----c 18AW3	.
	.	.	.	.	.	DV 18	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
478	.	.	.	.	.	RT AWB	.

480	.	.	.	.	.	.	AW3

485	.	.	.	.	.	CP AW3.....	.

488	.	.	.	.	.	-----c 30AW3	.
487	.	.	.	.	.	DV A30	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
491	.	.	.	.	.	RT RSC	.

494	.	.	.	.	.	----- 36PA6	.
493	.	.	.	.	.	= 36RCP	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
495	.	.	.	.	.	RT RSA	.

498	.	.	.	.	.	----- 18AW3	.
497	.	.	.	.	.	= 18CMP	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
499	.	.	.	.	.	RT RSB	.

501	.	.	.	.	.	.	SRS

506	.	.	.	.	.	CP SRS.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
508	.	.	.	.	.	RT SDC	.

511	.	.	.	.	.	----- 30AW3	.
510	.	.	.	.	.	= 30CMP	.

513	.	.	.	.	.	----- 36AW3	.
512	.	.	.	.	.	= 36CMP	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
	.	.	.	.	.	RT AWG	.

516	.	.	.	.	.	CP CHL.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.

518	.	.	.	.	.	RT 11A	.

521	.	.	.	.	.	-----c 36S11	.
	.	.	.	.	.	DV S11	.

525	.	.	.	.	.	S11	.

530	.	.	.	.	.	CP S11.....	.

533	.	.	.	.	.	-----c STDBL1	.
532	.	.	.	.	.	DV STD	.

537	.	.	.	.	.	-----c 24S11	.
536	.	.	.	.	.	0-CFS	.

541	.	.	.	.	.	----- 36S11	.
540	.	.	.	.	.	36CMP	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
542	.	.	.	.	.	RT S12	.

544	.	.	.	.	.	.	S12

549	.	.	.	.	.	CP S12.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
551	.	.	.	.	.	RT T1A	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
554	.	.	.	.	.	RT SDD	.

556	.	.	.	.	.	CB RSD.....	.

558	.	.	.	.	.	RSD	.

564	.	.	.	.	.	----- 30SLE	.
563	.	.	.	.	.	PA3SP	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
565	.	.	.	.	.	RT LEB	.

567	.	.	.	.	.	SLE	.

572	.	.	.	.	.	CP SLE.....	.

576	.	.	.	.	.	-----c STSLE	.

574	.	.	.	.	.	DV SLE

	F	.	.	CP RSD	.....
		.	.	V		
		.	.	V		
581	.	.	.	RT C1C		
		
584	.	.	.	.	-----	STSLE
583	.	.	.	RC SLE		
	.	.	.	V		
	.	.	.	V		
585	.	.	.	RT C1B		
		
		
587	.	.	.	CP GC1	.....
	.	.	.	V		
	.	.	.	V		
589	.	.	.	RT C2C		
	.	.	.	V		
	.	.	.	V		
591	.	.	.	RT C2D		
		
		
593	.	.	.	CP GC2	.....
		
		
	.	.	.	UPR		
		
600	.	.	.	CB SLK	.....
		
602	.	.	.	LEA		
		
609	.	.	.	-----c	30JCP	
607	.	.	.	DV JCP		
		
		
614	.	.	.	-----c	24LEA	
612	.	.	.	DV LEA		
		
		
618	.	.	.	-----	24SI1	
617	.	.	.	24CMP		
	.	.	.	V		
	.	.	.	V		
619	.	.	.	RT T1D		
		
		
622	.	.	.	.	-----	STDBL1
621	.	.	.	RC STD		
	.	.	.	V		
	.	.	.	V		
623	.	.	.	RT T1E		
		
		
625	.	.	.	.		ST1

```

630 . . . . . CP ST1.....
    . . . . . V
    . . . . . V
632 . . . . . RT T2A
    . . . . . V
    . . . . . V
634 . . . . . RT T2C
    . . . . .
    . . . . .
636 . . . . . ST2
    . . . . .
    . . . . .
642 . . . . . -----c 18HZL
641 . . . . . DV HZL
    . . . . .
    . . . . .
646 . . . . . -----c 30JCP
645 . . . . . RC JCP
    . . . . . V
    . . . . . V
647 . . . . . RT T2E
    . . . . .
    . . . . .
649 . . . . . CP ST2.....
    . . . . .
    . . . . .
    . . . . . -----c 54ST2
    . . . . . DV ST2
    . . . . .
    . . . . .
656 . . . . . -----c RRBOX
655 . . . . . DV BOX
    . . . . . V
    . . . . . V
659 . . . . . RT MO1
    . . . . .
    . . . . .
661 . . . . . CP LEA.....
    . . . . . V
    . . . . . V
663 . . . . . RT MO2
    . . . . .
    . . . . .
665 . . . . . ST3
    . . . . . V
    . . . . . V
670 . . . . . RT MO3
    . . . . . V
    . . . . . V
672 . . . . . RT MO4
    . . . . .
    . . . . .
    . . . . . MOY
    . . . . .
    . . . . .
679 . . . . . CP MOY.....
    . . . . . V
    . . . . . V

```

681	.	DETMO		
	.	V		
	.	V		
687	.	RT K2B		
	.	.		
	.	.		
688	.	.	SLK	
	.	.	.	
	.	.	.	
693	CP SLK.....			
	V			
	V			
695	SLWSE			
	.			
	.			
703	.	PE1A		
	.	V		
	.	V		
708	.	SRT9C		
	.	V		
	.	V		
714	.	RT SBG		
	.	.		
	.	.		
716	.	.	PE1B	
	.	.	V	
	.	.	V	
721	.	.	SRT9B	
	.	.	.	
	.	.	.	
728	.	.	-----c PE1-RR	
727	.	.	DV PE1	
	.	.	V	
	.	.	V	
731	.	.	RT SBA	
	.	.	.	
	.	.	.	
733	.	CB PE1.....		
	.	V		
	.	V		
735	.	RT SBB		
	.	.		
	.	.		
737	.	.	PE2	
	.	.	.	
	.	.	.	
743	.	.	.	----- PE1-RR
742	.	.	RC DIV	
	.	.	V	
	.	.	V	
744	.	.	RT E1S	
	.	.	.	
	.	.	.	
746	.	.	CP PE2.....	
	.	.	.	
	.	.	.	
749	.	.	-----c RRPE2	
748	.	.	DV PE2	
	.	.	V	
	.	.	V	

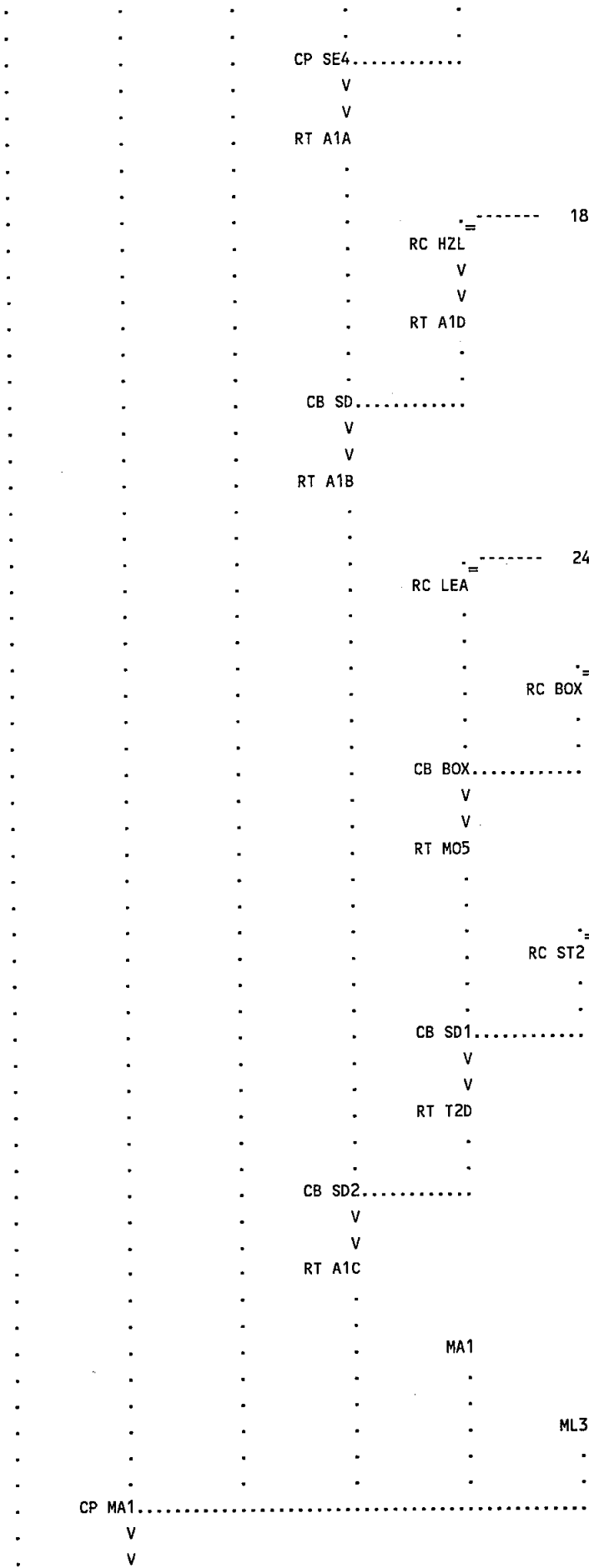
752	.	.	RT SBC		
	.	.	V		
	.	.	V		
	.	.	RT SBD		
	.	.	.		
756	.	.	PE3		
	.	.	.		
	.	.	.		
762	.	.	.	----- RRPE2	
761	.	.	PE2SP		
	.	.	V		
	.	.	V		
763	.	.	RT PE3		
	.	.	.		
	.	.	.		
765	.	.	CP PE3.....		
	.	.	.		
	.	.	.		
768	.	.	.	-----c RRPE3	
767	.	.	DV PE3		
	.	.	V		
	.	.	V		
771	.	.	RT SBE		
	.	.	V		
	.	.	V		
773	.	.	RT SBF		
	.	.	.		
	.	.	.		
	.	.	.	ESB	
	
	
780	.	.	CP ESB.....		
	.	.	V		
	.	.	V		
782	.	.	ESB-DT		
	.	.	.		
	.	.	.		
788	.	.	.	-----c WR-ESB	
787	.	.	DV ESB		
	.	.	V		
	.	.	V		
791	.	.	RT SE1		
	.	.	.		
	.	.	.		
793	.	.	SE1		
	.	.	.		
	.	.	.		
798	.	.	CP SE1.....		
	.	.	V		
	.	.	V		
800	.	.	RT SV6		
	.	.	.		
	.	.	.		
	.	.	SV6		
	.	.	.		
	.	.	.		
807	.	.	.	SV7	
	
	

812	.	CP SV7.....		
	.	V		
	.	V		
	.	SRT679		
	.	V		
	.	V		
821	.	RT V4A		
	.	V		
	.	V		
824	.	RT V4B		
	.	.		
	.	.		
827	.	.	SV4	
	.	.	.	
	.	.	.	
832	.	CP SV4.....		
	.	V		
	.	V		
834	.	RT MIL		
	.	.		
	.	.		
837	.	.	SE2	
	.	.	V	
	.	.	V	
842	.	.	RT SV3	
	.	.	.	
	.	.	.	
845	.	.	SE3	
	.	.	V	
	.	.	V	
850	.	.	RT SV3	
	.	.	.	
	.	.	.	
852	.	.	.	SV3

857	.	.	CB SV3.....	
	.	.	.	
	.	.	.	
860	.	.	-----c DET B	
859	.	.	DV SV3	
	.	.	.	
	.	.	.	
864	.	.	.	----- DET B
863	.	.	RC SV3	
	.	.	V	
	.	.	V	
865	.	.	SRT3,8	
	.	.	.	
	.	.	.	
872	.	.	CP SV3.....	
	.	.	V	
	.	.	V	
874	.	.	RT MIL	
	.	.	.	
	.	.	.	
877	.	.	.	SV5

882	.	.	.	SE4

887
890
893
892
894
896
898
901
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903
902
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912
914
916
918
928



CP SE4.....

V
V

RT A1A

RC HZL ----- 18HZL

V
V

RT A1D

CB SD.....

V
V

RT A1B

RC LEA ----- 24LEA

RC BOX ----- RRBOX

CB BOX.....

V
V

RT MO5

RC ST2 ----- 54ST2

CB SD1.....

V
V

RT T2D

CB SD2.....

V
V

RT A1C

MA1

ML3

CP MA1.....

V
V

930	.	RT GP1	.	.
	.		.	.
	.		.	.
	.	MA2	.	.
	.	V	.	.
	.	V	.	.
937	.	RT GP2	.	.
	.	V	.	.
	.	V	.	.
939	.	RT GP3	.	.

941	.	.	SGP	.

946	.	CP SGP.....	.	.

948	.	CB LLK.....	.	.

950	.	PE5	.	.
	.	V	.	.
	.	V	.	.
955	.	DET33	.	.

961	.	-----c	RRPE5	.
	.	DV PE5	.	.
	.	V	.	.
	.	V	.	.
964	.	RT HR1	.	.

966	.	.	HR1	.

971	.	CP HR1.....	.	.
	.	V	.	.
	.	V	.	.
973	.	RT H2A	.	.
	.	V	.	.
	.	V	.	.
975	.	RT H2B	.	.

977	.	.	HR2	.

982	.	CP HR2.....	.	.
	.	V	.	.
	.	V	.	.
984	.	RT G3A	.	.
	.	V	.	.
	.	V	.	.
986	.	RT G3B	.	.

988	.	.	HR3	.
	.	.	V	.

				V		
993	.	.	.	RT G3C		
	.	.	.			
9.	.	.	.	PE6		
	.	.	.			
1001	.	.	.			RRPE5
1000	.	.	.	PE5SP		
	.	.	.	V		
	.	.	.	V		
1002	.	.	.	RT 6SA		
	.	.	.			
1004	.	.	.	CP PE6		
	.	.	.	V		
	.	.	.	V		
1006	.	.	.	DET24		
	.	.	.			
1012	.	.	.			RRPE6
1011	.	.	.	DV PE6		
	.	.	.	V		
	.	.	.	V		
1015	.	.	.	RT MGA		
	.	.	.	V		
	.	.	.	V		
1017	.	.	.	RT MGB		
	.	.	.			
1019	.	.	.			MG1
	.	.	.			
1024	.	.	.	CP MG1		
	.	.	.	V		
	.	.	.	V		
1026	.	.	.	RT G3D		
	.	.	.			
1028	.	.	.			PE7
	.	.	.			
1034	.	.	.			RRPE6
1033	.	.	.			PE6SP
	.	.	.			
1035	.	.	.	CP PE7		
	.	.	.	V		
	.	.	.	V		
1037	.	.	.	DET24		
	.	.	.			
1043	.	.	.			RRPE7
1042	.	.	.	DV PE7		
	.	.	.	V		
	.	.	.	V		
1046	.	.	.	RT NV1		
	.	.	.			
1048	.	.	.			NV1

1053	.	.	.	.	.	.	CP NV1.....	.
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1055	.	.	.	.	.	.	RT TP1	.

1057	.	.	.	.	.	.	.	TP1

1062	.	.	.	.	.	.	CP TP1.....	.
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1064	.	.	.	.	.	.	RT G3E	.
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1066	.	.	.	.	.	.	RT G3F	.

1068	.	.	.	.	.	.	.	GV3

1073	.	.	.	.	.	.	CP GV3.....	.

1075	.	.	.	.	.	.	PH1	.

1080	.	.	.	.	.	.	PE7SP	RRPE7
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1082	.	.	.	.	.	.	RT HSA	.
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1084	.	.	.	.	.	.	RT HSB	.

1086	.	.	.	.	.	.	CP PH1.....	.
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1088	.	.	.	.	.	.	DET24	.

1094	.	.	.	.	.	.	.	RRPH1
1093	.	.	.	.	.	.	DV PH1	.
	.	.	.	.	.	.	V	.
	.	.	.	.	.	.	V	.
1097	.	.	.	.	.	.	RT TP2	.

1099	.	.	.	.	.	.	TP2	.

1104	.	.	.	.	.	.	CP TP2.....	.

1106	.	.	.	.	.	.	RH1	.

1112	.	.	.	.	.	-----	RRPH1
1111	.	.	.	.	.	PH1SP	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1113	.	.	.	.	.	RT RHA	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1115	.	.	.	.	.	RT RHB	
	
	
1117	.	.	.	.	.	CB RH1.....	
	
	
1119	.	.	.	.	.	CP RH1.....	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1121	.	.	.	.	.	RT GV1	
	
	
1123	.	.	.	.	.	GV1	
	
	
1128	.	.	.	.	.	CP GV1.....	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1130	.	.	.	.	.	RT GV2	
	
	
1137	.	.	.	.	.	CP GV3.....	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1139	.	.	.	.	.	RT LD2	
	
	
1141	.	.	.	.	.	LD2	
	
	
1146	.	.	.	.	.	CP LD2.....	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1148	.	.	.	.	.	RT VL2	
	
	
1152	.	.	.	.	.	-----c	LDHYD
1151	.	.	.	.	.	DV HYD	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
1155	.	.	.	.	.	RT VL3	
	
	
1162	.	.	.	.	.	LD1	
	.	.	.	.	.	V	
	.	.	.	.	.	V	
	.	.	.	.	.	RT VL1	
	
	

1164	.	.	.	.	.	LVL	.

1171	.	.	.	.	.	CB LVL.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
1173	.	.	.	.	.	RT VD1	.

	.	.	.	.	.	PE4	.

1179	.	.	.	.	.	.	RRPE3
1178	.	.	.	.	.	PE3SP	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
1180	.	.	.	.	.	RT PE4	.

1183	.	.	.	.	.	.	WR-ESB
1182	.	.	.	.	.	ESB SP	.

1184	.	.	.	.	.	CP PE4.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
1186	.	.	.	.	.	RT ML1	.

	.	.	.	.	.	ML1	.

1193	.	.	.	.	.	CP ML1.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
1195	.	.	.	.	.	RT ML3	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
1198	.	.	.	.	.	RT VD2	.

1200	.	.	.	.	.	.	NVD

1205	.	.	.	.	.	CB A&C.....	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.
1207	.	.	.	.	.	RT ML2	.

1210	.	.	.	.	.	ML2	.

1215	.	.	.	.	.	CB LLK.....	.

1218	.	.	.	.	.	.	LDHYD
1217	.	.	.	.	.	RC HYD	.
	.	.	.	.	.	V	.
	.	.	.	.	.	V	.

1219	.	.	RT LD3	.	.	.

1221	.	.	.	BER	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1226	.	.	RT PAT	.	.	.

1228	.	.	.	.	PAT	.

1233	.	.	CP PAT.....	.	.	.

1235	.	.	CP LEM.....	.	.	.

1237	.	.	.	LD3	.	.

1242	.	CB LLK.....	.	.	.	.

1244	.	.	LV5	.	.	.
	.	.	V	.	.	.
	.	.	V	.	.	.
1249	.	.	RT LV3	.	.	.

1251	.	.	.	LV3	.	.

1256	.	.	CP LV3.....	.	.	.

1258	.	.	.	LV4	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1263	.	.	RT LV2	.	.	.

1265	.	.	.	.	LV2	.

1270	.	.	CP LV2.....	.	.	.

1272	.	.	.	.	LV1	.
	.	.	.	.	V	.
	.	.	.	.	V	.
1277	.	.	.	RT LLK	.	.

1	.	.	.	.	.	LLK

1284	.	CP LLK.....	.	.	.	.
	.	V	.	.	.	.
	.	V	.	.	.	.

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```

*****
1*** *****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
*     MAY 1991                       *
*     VERSION 4.0.1E                 *
*     Lahey F77L-EM/32 version 5.01  *
*     Dodson & Associates, Inc.      *
* RUN DATE 03/21/00 TIME 15:02:28   *
*****

```

```

*****
*
* U.S. ARMY CORPS OF ENGINEERS      *
* HYDROLOGIC ENGINEERING CENTER     *
* 609 SECOND STREET                 *
* DAVIS, CALIFORNIA 95616          *
* (916) 551-1748                   *
*
*****

```

CITY OF RENO / STEAD DRAINAGE MASTER PLAN HEC-1 MODEL
 PREPARED FOR CITY OF RENO, WASHOE COUNTY, NEVADA

100-YEAR, 24-HOUR EVENT PROPOSED CONDITIONS HYDROLOGIC MODEL
 PREPARED BY STANTEC CONSULTING, SPARKS, NEVADA
 JOB # :26000208
 FILE NAME: PR_100.DAT
 DATE: NOVEMBER 1999

```

*****
BALANCED STORM DISTRIBUTION (PH CARDS)
RAINFALL DEPTH FROM SSPFS, 1997
SCS CURVE NUMBER METHOD
MUSKINGUM CUNGE ROUTING
*****

```

16 IO OUTPUT CONTROL VARIABLES

```

IPRNT      5 PRINT CONTROL
IPLOT      0 PLOT CONTROL
QSCAL      0. HYDROGRAPH PLOT SCALE

```

IT HYDROGRAPH TIME DATA

```

NMIN      5 MINUTES IN COMPUTATION INTERVAL
IDATE     1 0 STARTING DATE
ITIME     0000 STARTING TIME
NQ        1200 NUMBER OF HYDROGRAPH ORDINATES
NDDATE    5 0 ENDING DATE
NDTIME    0355 ENDING TIME
ICENT     19 CENTURY MARK

```

```

COMPUTATION INTERVAL 0.08 HOURS
TOTAL TIME BASE      99.92 HOURS

```

ENGLISH UNITS

```

DRAINAGE AREA      SQUARE MILES
PRECIPITATION DEPTH INCHES
LENGTH, ELEVATION FEET
FLOW               CUBIC FEET PER SECOND
STORAGE VOLUME    ACRE-FEET
SURFACE AREA      ACRES
TEMPERATURE       DEGREES FAHRENHEIT

```

JP MULTI-PLAN OPTION

```

NPLAN      1 NUMBER OF PLANS

```

MULTI-RATIO OPTION

RATIOS OF PRECIPITATION

1.00 0.99 0.98 0.97 0.96 0.95

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
 FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
 TIME TO PEAK IN HOURS

OPERATION	STATION	AREA	PLAN	RATIOS APPLIED TO PRECIPITATION						
				RATIO 1 1.00	RATIO 2 0.99	RATIO 3 0.98	RATIO 4 0.97	RATIO 5 0.96	RATIO 6 0.95	
HYDROGRAPH AT										
+ FR1	13.01	1	FLOW	3011.	2954.	2897.	2840.	2784.	2728.	
			TIME	14.42	14.42	14.42	14.42	14.50	14.50	
HYDROGRAPH AT										
+ FR2	6.84	1	FLOW	1625.	1591.	1558.	1525.	1492.	1460.	
			TIME	13.83	13.83	13.83	13.83	13.83	13.83	
2 COMBINED AT										
+ CP FRD	19.85	1	FLOW	4477.	4390.	4303.	4216.	4130.	4044.	
			TIME	14.17	14.17	14.17	14.17	14.17	14.17	
ROUTED TO										
+ RT K4A	19.85	1	FLOW	4471.	4384.	4298.	4211.	4125.	4039.	
			TIME	14.67	14.67	14.67	14.67	14.67	14.67	
HYDROGRAPH AT										
+ RR1	4.23	1	FLOW	1585.	1558.	1532.	1505.	1479.	1453.	
			TIME	13.75	13.75	13.75	13.75	13.75	13.75	
ROUTED TO										
+ RT K4B	4.23	1	FLOW	1584.	1557.	1531.	1504.	1478.	1452.	
			TIME	13.83	13.83	13.83	13.83	13.83	13.83	
ROUTED TO										
+ RT K4C	4.23	1	FLOW	1580.	1555.	1530.	1502.	1475.	1449.	
			TIME	13.92	13.92	13.92	13.92	13.92	13.92	
HYDROGRAPH AT										
+ SK4	6.25	1	FLOW	2231.	2191.	2150.	2110.	2069.	2029.	
			TIME	13.50	13.50	13.50	13.50	13.50	13.50	
3 COMBINED AT										
+ CP SK4	30.33	1	FLOW	7189.	7049.	6910.	6770.	6632.	6495.	
			TIME	14.17	14.17	14.17	14.17	14.25	14.25	
ROUTED TO										
+ SARB	30.33	1	FLOW	7172.	7033.	6894.	6755.	6617.	6481.	
			TIME	14.25	14.25	14.25	14.25	14.33	14.33	
				** PEAK STAGES IN FEET **						
			1 STAGE	5040.72	5040.70	5040.69	5040.68	5040.66	5040.65	
			TIME	14.25	14.25	14.25	14.25	14.25	14.25	

ROUTED TO

+	RT SK3	30.33	1	FLOW TIME	7148. 14.67	7009. 14.67	6871. 14.67	6731. 14.67	6594. 14.67	6457. 14.67	
	HYDROGRAPH AT										
+	SK3	7.81	1	FLOW TIME	2758. 13.75	2712. 13.75	2666. 13.75	2620. 13.75	2574. 13.75	2528. 13.75	
	2 COMBINED AT										
+	CP SK3	38.14	1	FLOW TIME	9104. 14.50	8929. 14.50	8755. 14.50	8575. 14.50	8402. 14.50	8227. 14.50	
	ROUTED TO										
+	RT K2A	38.14	1	FLOW TIME	9034. 14.67	8853. 14.67	8671. 14.67	8492. 14.75	8319. 14.75	8142. 14.75	
	HYDROGRAPH AT										
+	SK2	2.40	1	FLOW TIME	1026. 13.50	1009. 13.50	993. 13.50	976. 13.50	960. 13.50	943. 13.50	
	2 COMBINED AT										
+	CP SK2	40.54	1	FLOW TIME	9510. 14.67	9322. 14.67	9133. 14.67	8932. 14.67	8738. 14.67	8555. 14.75	
	HYDROGRAPH AT										
+	SK1	1.60	1	FLOW TIME	788. 13.00	773. 13.00	759. 13.00	745. 13.00	731. 13.00	717. 13.00	
	2 COMBINED AT										
+	CB SLK	42.14	1	FLOW TIME	9672. 14.67	9481. 14.67	9289. 14.67	9086. 14.67	8889. 14.67	8695. 14.75	
	HYDROGRAPH AT										
+	PW6	1.21	1	FLOW TIME	305. 13.25	298. 13.25	291. 13.25	284. 13.25	277. 13.25	269. 13.25	
	DIVERSION TO										
+	60PW6	1.21	1	FLOW TIME	214. 12.83	214. 12.83	214. 12.83	214. 12.83	214. 12.92	214. 12.92	
	HYDROGRAPH AT										
+	DV PW6	1.21	1	FLOW TIME	91. 13.25	84. 13.25	77. 13.25	70. 13.25	63. 13.25	55. 13.25	
	ROUTED TO										
+	RT RRI	1.21	1	FLOW TIME	91. 13.33	84. 13.33	76. 13.33	69. 13.33	62. 13.33	55. 13.33	
	HYDROGRAPH AT										
+	PW5	0.90	1	FLOW TIME	221. 13.33	216. 13.33	211. 13.33	206. 13.33	201. 13.33	196. 13.33	
	DIVERSION TO										
+	RR&NV	0.90	1	FLOW TIME	140. 13.33	136. 13.33	132. 13.33	129. 13.33	125. 13.33	122. 13.33	
	HYDROGRAPH AT										
+	DV PW5	0.90	1	FLOW TIME	82. 13.33	80. 13.33	79. 13.33	77. 13.33	75. 13.33	74. 13.33	
	HYDROGRAPH AT										

+	RRI	0.02	1	FLOW TIME	42. 12.17	41. 12.17	40. 12.17	40. 12.17	39. 12.17	39. 12.17
3 COMBINED AT										
+	CP RRI	2.13	1	FLOW TIME	175. 13.33	166. 13.33	157. 13.33	148. 13.33	140. 13.33	131. 13.33
DIVERSION TO										
+	24RRI	2.13	1	FLOW TIME	30. 12.08	30. 12.08	30. 12.08	30. 12.08	30. 12.08	30. 12.08
HYDROGRAPH AT										
+	DV RRI	2.13	1	FLOW TIME	145. 13.33	136. 13.33	127. 13.33	118. 13.33	110. 13.33	101. 13.33
ROUTED TO										
+	RT R3C	2.13	1	FLOW TIME	144. 13.33	135. 13.33	126. 13.33	117. 13.42	109. 13.42	100. 13.42
HYDROGRAPH AT										
+	SS2	0.10	1	FLOW TIME	174. 12.33	172. 12.33	170. 12.33	168. 12.33	166. 12.33	163. 12.33
HYDROGRAPH AT										
+	60RCP	0.00	1	FLOW TIME	214. 12.83	214. 12.83	214. 12.83	214. 12.83	214. 12.92	214. 12.92
ROUTED TO										
+	RT SS2	0.00	1	FLOW TIME	215. 12.92	215. 12.92	215. 12.92	216. 12.92	215. 13.00	215. 13.00
HYDROGRAPH AT										
+	24CMP	0.00	1	FLOW TIME	30. 12.08	30. 12.08	30. 12.08	30. 12.08	30. 12.08	30. 12.08
3 COMBINED AT										
+	CP SS2	0.10	1	FLOW TIME	279. 12.83	276. 12.83	274. 12.92	274. 12.92	271. 12.92	268. 12.92
ROUTED TO										
+	RT R3D	0.10	1	FLOW TIME	277. 12.92	275. 12.92	274. 12.92	273. 12.92	269. 12.92	267. 13.00
2 COMBINED AT										
+	CB MOY	2.23	1	FLOW TIME	401. 13.33	392. 13.33	383. 13.33	373. 13.33	364. 13.33	356. 13.33
HYDROGRAPH AT										
+	PW1	0.42	1	FLOW TIME	219. 12.67	214. 12.67	210. 12.67	205. 12.67	201. 12.67	197. 12.67
DIVERSION TO										
+	48PW1	0.42	1	FLOW TIME	109. 12.67	108. 12.67	107. 12.67	107. 12.67	106. 12.67	105. 12.67
HYDROGRAPH AT										
+	DV PW1	0.42	1	FLOW TIME	110. 12.67	106. 12.67	103. 12.67	99. 12.67	95. 12.67	91. 12.67

DIVERSION TO

+	24PW2	0.42	1	FLOW TIME	13. 12.67	13. 12.67	13. 12.67	12. 12.67	12. 12.67	12. 12.67
	HYDROGRAPH AT									
+	DV PW2	0.42	1	FLOW TIME	97. 12.67	93. 12.67	90. 12.67	86. 12.67	83. 12.67	79. 12.67
	ROUTED TO									
+	RT PW2	0.42	1	FLOW TIME	96. 12.75	92. 12.75	89. 12.75	85. 12.75	82. 12.75	78. 12.75
	HYDROGRAPH AT									
+	PW2	0.23	1	FLOW TIME	137. 12.58	135. 12.58	132. 12.58	129. 12.58	126. 12.58	123. 12.58
	2 COMBINED AT									
+	CP PW2	0.65	1	FLOW TIME	227. 12.67	221. 12.67	215. 12.67	209. 12.67	203. 12.67	197. 12.67
	DIVERSION TO									
+	42PW2	0.65	1	FLOW TIME	128. 12.67	128. 12.67	128. 12.67	127. 12.67	127. 12.67	127. 12.67
	HYDROGRAPH AT									
+	DV PW2	0.65	1	FLOW TIME	99. 12.67	93. 12.67	87. 12.67	82. 12.67	76. 12.67	70. 12.67
	ROUTED TO									
+	RT PW3	0.65	1	FLOW TIME	98. 12.67	92. 12.67	86. 12.67	80. 12.67	75. 12.67	69. 12.67
	HYDROGRAPH AT									
+	PW3	1.02	1	FLOW TIME	385. 13.08	377. 13.08	370. 13.08	362. 13.08	354. 13.08	346. 13.08
	2 COMBINED AT									
+	CP PW3	1.67	1	FLOW TIME	434. 12.83	422. 12.83	409. 12.83	397. 12.83	384. 12.83	372. 12.83
	DIVERSION TO									
+	48PW3	1.67	1	FLOW TIME	216. 12.83	214. 12.83	212. 12.83	210. 12.83	209. 12.83	207. 12.83
	HYDROGRAPH AT									
+	DV PW3	1.67	1	FLOW TIME	218. 12.83	208. 12.83	197. 12.83	186. 12.83	176. 12.83	166. 12.83
	HYDROGRAPH AT									
+	PW4	1.55	1	FLOW TIME	518. 13.00	506. 13.00	495. 13.00	483. 13.00	472. 13.00	460. 13.00
	HYDROGRAPH AT									
+	RRINT	0.00	1	FLOW TIME	140. 13.33	136. 13.33	132. 13.33	129. 13.33	125. 13.33	122. 13.33
	DIVERSION TO									
+	42PW4	0.00	1	FLOW TIME	116. 13.33	116. 13.33	116. 13.33	116. 13.33	116. 13.33	115. 13.33
	HYDROGRAPH AT									

+	DV PW4	0.00	1	FLOW TIME	23. 13.33	20. 13.33	16. 13.33	13. 13.33	10. 13.33	6. 13.33
+	3 COMBINED AT CP PW4	3.22	1	FLOW TIME	725. 12.92	703. 12.92	681. 12.92	659. 12.92	638. 12.92	616. 12.92
+	ROUTED TO DET48	3.22	1	FLOW TIME	305. 13.42	305. 13.58	305. 13.75	302. 13.75	299. 13.75	296. 13.75
				** PEAK STAGES IN FEET **						
			1	STAGE TIME	87.66 13.83	87.32 13.75	86.98 13.75	86.67 13.75	86.37 13.75	86.07 13.75
+	ROUTED TO RT R4E	3.22	1	FLOW TIME	305. 13.50	305. 13.67	305. 13.75	302. 13.75	299. 13.75	296. 13.75
+	HYDROGRAPH AT 48RCP	0.00	1	FLOW TIME	109. 12.67	108. 12.67	107. 12.67	107. 12.67	106. 12.67	105. 12.67
+	ROUTED TO RT R4A	0.00	1	FLOW TIME	109. 12.83	108. 12.83	108. 12.83	107. 12.83	106. 12.83	105. 12.83
+	HYDROGRAPH AT 24RCP	0.00	1	FLOW TIME	13. 12.67	13. 12.67	13. 12.67	12. 12.67	12. 12.67	12. 12.67
+	ROUTED TO RT R4B	0.00	1	FLOW TIME	13. 12.83	13. 12.92	13. 12.83	12. 12.83	12. 12.92	13. 12.83
+	HYDROGRAPH AT 42RCP	0.00	1	FLOW TIME	128. 12.67	128. 12.67	128. 12.67	127. 12.67	127. 12.67	127. 12.67
+	ROUTED TO RT R4C	0.00	1	FLOW TIME	129. 12.67	130. 12.67	130. 12.67	128. 12.67	127. 12.67	126. 12.75
+	HYDROGRAPH AT 48RCP	0.00	1	FLOW TIME	216. 12.83	214. 12.83	212. 12.83	210. 12.83	209. 12.83	207. 12.83
+	ROUTED TO RT R4D	0.00	1	FLOW TIME	215. 12.83	214. 12.83	212. 12.83	210. 12.92	208. 12.92	207. 12.92
+	HYDROGRAPH AT GR4	0.39	1	FLOW TIME	338. 12.42	332. 12.42	326. 12.42	319. 12.42	313. 12.42	307. 12.42
+	6 COMBINED AT CP GR4	3.61	1	FLOW TIME	922. 12.67	915. 12.67	905. 12.67	892. 12.67	880. 12.67	871. 12.67

ROUTED TO

+	RT R3A	3.61	1	FLOW TIME	919. 12.67	909. 12.67	896. 12.67	885. 12.67	874. 12.67	866. 12.75
HYDROGRAPH AT										
+	42RCP	0.00	1	FLOW TIME	116. 13.33	116. 13.33	116. 13.33	116. 13.33	116. 13.33	115. 13.33
ROUTED TO										
+	RT R3B	0.00	1	FLOW TIME	116. 13.42	116. 13.33	116. 13.42	116. 13.42	116. 13.50	115. 13.33
HYDROGRAPH AT										
+	GR3	0.11	1	FLOW TIME	127. 12.42	125. 12.42	123. 12.42	121. 12.42	119. 12.42	117. 12.42
3 COMBINED AT										
+	CP GR3	3.72	1	FLOW TIME	1053. 12.67	1039. 12.67	1023. 12.67	1009. 12.67	996. 12.67	983. 12.75
2 COMBINED AT										
+	CP CHN	5.95	1	FLOW TIME	1340. 13.00	1324. 13.08	1306. 13.08	1285. 13.08	1264. 12.92	1248. 12.92
ROUTED TO										
+	RT SLB	5.95	1	FLOW TIME	1339. 13.08	1320. 13.08	1300. 13.08	1281. 12.92	1263. 12.92	1246. 12.92
HYDROGRAPH AT										
+	GR2	0.10	1	FLOW TIME	95. 12.42	93. 12.42	91. 12.42	90. 12.42	88. 12.42	86. 12.42
ROUTED TO										
+	RT SLA	0.10	1	FLOW TIME	94. 12.50	92. 12.50	90. 12.50	88. 12.50	88. 12.50	86. 12.50
HYDROGRAPH AT										
+	GR1	0.58	1	FLOW TIME	501. 12.42	492. 12.42	482. 12.42	473. 12.42	464. 12.42	454. 12.42
4 COMBINED AT										
+	CB SLK	48.77	1	FLOW TIME	10448. 14.67	10244. 14.67	10040. 14.67	9825. 14.67	9616. 14.67	9400. 14.67
HYDROGRAPH AT										
+	PA1	0.41	1	FLOW TIME	216. 12.50	211. 12.50	206. 12.50	201. 12.50	196. 12.50	191. 12.50
ROUTED TO										
+	RT SS1	0.41	1	FLOW TIME	213. 12.50	208. 12.50	203. 12.50	198. 12.50	193. 12.50	188. 12.50
HYDROGRAPH AT										
+	SS1A	0.02	1	FLOW TIME	40. 12.17	39. 12.17	39. 12.17	38. 12.17	38. 12.17	37. 12.17
HYDROGRAPH AT										
+	SS1B	0.01	1	FLOW TIME	30. 12.08	30. 12.08	30. 12.08	29. 12.08	29. 12.08	28. 12.08
ROUTED TO										

+	DT SS1	0.01	1	FLOW	25.	23.	22.	20.	19.	17.
				TIME	12.17	12.17	12.17	12.17	12.17	12.17

** PEAK STAGES IN FEET **

1	STAGE	23.08	23.08	23.07	23.06	23.06	23.06	23.05
	TIME	12.17	12.17	12.17	12.17	12.17	12.17	12.17

3 COMBINED AT

+	CP SS1	0.44	1	FLOW	233.	228.	223.	218.	213.	208.
				TIME	12.50	12.50	12.50	12.50	12.50	12.50

ROUTED TO

+	RT SS3	0.44	1	FLOW	229.	224.	220.	215.	210.	205.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58

HYDROGRAPH AT

+	SS3	0.36	1	FLOW	482.	475.	469.	463.	457.	451.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

3 COMBINED AT

+	CB SLK	49.57	1	FLOW	10492.	10288.	10083.	9867.	9658.	9441.
				TIME	14.67	14.67	14.67	14.67	14.67	14.67

HYDROGRAPH AT

+	SL2	0.04	1	FLOW	72.	71.	70.	69.	68.	67.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

ROUTED TO

+	RT L3A	0.04	1	FLOW	70.	69.	68.	68.	66.	66.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

HYDROGRAPH AT

+	SL3A	0.08	1	FLOW	152.	150.	148.	146.	144.	142.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

2 COMBINED AT

+	C SL3A	0.12	1	FLOW	212.	209.	206.	204.	201.	198.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

ROUTED TO

+	DT L3A	0.12	1	FLOW	267.	262.	249.	238.	222.	213.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

** PEAK STAGES IN FEET **

1	STAGE	14.02	14.01	13.98	13.95	13.91	13.89
	TIME	12.33	12.33	12.33	12.33	12.33	12.33

ROUTED TO

+	RT L3B	0.12	1	FLOW	199.	200.	193.	190.	188.	183.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

HYDROGRAPH AT

+	SL3B	0.05	1	FLOW	96.	95.	93.	92.	91.	90.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

2 COMBINED AT

+	CB SL3	0.17	1	FLOW	266.	267.	259.	255.	252.	246.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

ROUTED TO

+	DV SLE	0.10	1	FLOW TIME	50. 12.17	50. 12.17	50. 12.17	50. 12.17	50. 12.17	50. 12.17
+	ROUTED TO RT LEC	0.10	1	FLOW TIME	50. 12.33	50. 12.33	50. 12.33	50. 12.33	50. 12.33	50. 12.33
+	ROUTED TO RT C1A	0.10	1	FLOW TIME	53. 12.33	53. 12.33	53. 12.33	53. 12.33	53. 12.33	53. 12.33
+	HYDROGRAPH AT GC1	0.25	1	FLOW TIME	243. 12.42	239. 12.42	235. 12.42	231. 12.42	227. 12.42	223. 12.42
+	2 COMBINED AT CB GC1	0.35	1	FLOW TIME	292. 12.42	288. 12.42	284. 12.42	281. 12.42	277. 12.42	273. 12.42
+	HYDROGRAPH AT PW7	1.25	1	FLOW TIME	320. 13.50	313. 13.50	306. 13.50	299. 13.50	292. 13.50	286. 13.50
+	DIVERSION TO RRPW7	1.25	1	FLOW TIME	166. 13.50	159. 13.50	153. 13.50	147. 13.50	141. 13.50	134. 13.50
+	HYDROGRAPH AT DV PW7	1.25	1	FLOW TIME	154. 13.50	154. 13.50	153. 13.50	153. 13.50	152. 13.50	151. 13.50
+	ROUTED TO RT PA4	1.25	1	FLOW TIME	154. 13.50	154. 13.50	153. 13.50	153. 13.50	152. 13.50	151. 13.50
+	HYDROGRAPH AT PA4	0.02	1	FLOW TIME	49. 12.17	48. 12.17	48. 12.17	47. 12.17	46. 12.17	46. 12.17
+	2 COMBINED AT CP PA4	1.27	1	FLOW TIME	156. 13.50	155. 13.50	155. 13.50	154. 13.50	153. 13.50	153. 13.50
+	DIVERSION TO 24PA4	1.27	1	FLOW TIME	92. 13.50	91. 13.50	91. 13.50	90. 13.50	90. 13.50	89. 13.50
+	HYDROGRAPH AT DV PA4	1.27	1	FLOW TIME	65. 13.50	64. 13.50	64. 13.50	64. 13.50	64. 13.50	64. 13.50
+	ROUTED TO RT PA6	1.27	1	FLOW TIME	65. 13.50	64. 13.50	64. 13.50	64. 13.50	64. 13.50	64. 13.50
+	HYDROGRAPH AT PA6	0.01	1	FLOW TIME	26. 12.08	25. 12.08	25. 12.08	25. 12.08	24. 12.08	24. 12.08

HOLD

2 COMBINED AT

+	CP PA6	1.28	1	FLOW TIME	82. 12.17	82. 12.17	81. 12.17	80. 12.17	80. 12.17	79. 12.17	
	DIVERSION TO										
+	36PA6	1.28	1	FLOW TIME	19. 12.17	19. 12.17	18. 12.17	18. 12.17	17. 12.17	17. 12.17	
	HYDROGRAPH AT										
+	DV PA6	1.28	1	FLOW TIME	63. 12.17	63. 12.17	63. 12.17	62. 12.17	62. 12.17	62. 12.17	
	ROUTED TO										
+	RT A7B	1.28	1	FLOW TIME	63. 12.17	62. 12.17	62. 12.17	62. 12.17	62. 12.17	62. 12.17	
	HYDROGRAPH AT										
+	PA5	0.00	1	FLOW TIME	15. 12.08	15. 12.08	15. 12.08	14. 12.08	14. 12.08	14. 12.08	
	ROUTED TO										
+	RT A7A	0.00	1	FLOW TIME	13. 12.08	13. 12.08	13. 12.08	12. 12.08	12. 12.08	12. 12.08	
	HYDROGRAPH AT										
+	PA7	0.02	1	FLOW TIME	26. 12.25	25. 12.25	25. 12.25	24. 12.25	24. 12.25	24. 12.25	
	3 COMBINED AT										
+	CP PA7	1.30	1	FLOW TIME	95. 12.25	94. 12.25	94. 12.25	93. 12.25	92. 12.25	92. 12.25	
	ROUTED TO										
+	RT SDA	1.30	1	FLOW TIME	95. 12.25	94. 12.25	94. 12.25	93. 12.25	92. 12.25	92. 12.25	
	ROUTED TO										
+	RT SDB	1.30	1	FLOW TIME	94. 12.25	94. 12.25	93. 12.25	92. 12.25	92. 12.25	91. 12.25	
	HYDROGRAPH AT										
+	AW1	0.04	1	FLOW TIME	27. 12.33	26. 12.33	26. 12.33	25. 12.33	25. 12.33	24. 12.33	
	HYDROGRAPH AT										
+	PW7SP	0.00	1	FLOW TIME	166. 13.50	159. 13.50	153. 13.50	147. 13.50	141. 13.50	134. 13.50	
	2 COMBINED AT										
+	CP AW1	0.04	1	FLOW TIME	168. 13.50	162. 13.50	155. 13.50	149. 13.50	143. 13.50	136. 13.50	
	DIVERSION TO										
+	RRAW1	0.04	1	FLOW TIME	132. 13.50	126. 13.50	120. 13.50	114. 13.50	107. 13.50	101. 13.50	
	HYDROGRAPH AT										
+	DV AW1	0.04	1	FLOW TIME	36. 13.50	36. 13.50	35. 13.50	35. 13.50	35. 13.50	35. 13.50	
	ROUTED TO										

+	DV 18	0.00	1	FLOW TIME	76. 13.50	75. 13.50	75. 13.50	75. 13.50	74. 13.50	74. 13.50
ROUTED TO										
+	RT AWB	0.00	1	FLOW TIME	76. 13.50	75. 13.50	75. 13.50	75. 13.50	74. 13.50	73. 13.50
HYDROGRAPH AT										
+	AW3	0.11	1	FLOW TIME	220. 12.17	217. 12.17	214. 12.17	211. 12.17	208. 12.17	205. 12.17
4 COMBINED AT										
+	CP AW3	0.51	1	FLOW TIME	230. 12.17	227. 12.17	224. 12.17	220. 12.17	217. 12.17	214. 12.17
DIVERSION TO										
+	30AW3	0.51	1	FLOW TIME	32. 12.17	32. 12.17	31. 12.17	31. 12.17	31. 12.17	31. 12.17
HYDROGRAPH AT										
+	DV A30	0.51	1	FLOW TIME	199. 12.17	195. 12.17	192. 12.17	189. 12.17	186. 12.17	182. 12.17
ROUTED TO										
+	RT RSC	0.51	1	FLOW TIME	197. 12.25	196. 12.25	193. 12.25	187. 12.25	188. 12.25	183. 12.25
HYDROGRAPH AT										
+	36RCP	0.00	1	FLOW TIME	19. 12.17	19. 12.17	18. 12.17	18. 12.17	17. 12.17	17. 12.17
ROUTED TO										
+	RT RSA	0.00	1	FLOW TIME	17. 12.17	16. 12.17	15. 12.17	14. 12.25	14. 12.25	13. 12.25
HYDROGRAPH AT										
+	18CMP	0.00	1	FLOW TIME	16. 13.50	16. 13.50	16. 13.50	16. 13.50	15. 13.50	15. 13.50
ROUTED TO										
+	RT RSB	0.00	1	FLOW TIME	16. 13.58	16. 13.58	16. 13.58	16. 13.58	15. 13.58	15. 13.58
HYDROGRAPH AT										
+	SRS	0.03	1	FLOW TIME	57. 12.25	57. 12.25	56. 12.25	55. 12.25	55. 12.25	54. 12.25
4 COMBINED AT										
+	CP SRS	0.54	1	FLOW TIME	272. 12.25	268. 12.25	264. 12.25	257. 12.25	256. 12.25	250. 12.25
ROUTED TO										
+	RT SDC	0.54	1	FLOW TIME	266. 12.33	263. 12.33	255. 12.33	249. 12.33	249. 12.33	245. 12.33
HYDROGRAPH AT										
+	30CMP	0.00	1	FLOW TIME	32. 12.17	32. 12.17	31. 12.17	31. 12.17	31. 12.17	31. 12.17
HYDROGRAPH AT										

+	36CMP	0.00	1	FLOW TIME	45. 12.67	45. 12.67	45. 12.67	45. 12.67	45. 12.67	45. 12.75
	RO' TO									
+	RT AWG	0.00	1	FLOW TIME	45. 12.92	45. 12.92	45. 12.92	45. 12.92	45. 12.92	45. 12.92
	2 COMBINED AT									
+	CP CHL	0.00	1	FLOW TIME	76. 13.75	76. 13.75	76. 13.75	76. 13.75	76. 13.67	76. 13.67
	ROUTED TO									
+	RT I1A	0.00	1	FLOW TIME	76. 13.83	76. 13.83	76. 13.75	76. 13.75	76. 13.75	76. 13.75
	DIVERSION TO									
+	36S11	0.00	1	FLOW TIME	47. 13.83	47. 13.67	47. 13.67	47. 13.75	47. 13.67	47. 13.67
	HYDROGRAPH AT									
+	DV S11	0.00	1	FLOW TIME	29. 13.83	29. 13.83	29. 13.75	29. 13.75	29. 13.75	29. 13.75
	HYDROGRAPH AT									
+	S11	0.04	1	FLOW TIME	83. 12.17	82. 12.17	81. 12.17	80. 12.17	78. 12.17	77. 12.17
	2 COMBINED AT									
+	CP S11	0.04	1	FLOW TIME	83. 12.17	82. 12.17	81. 12.17	80. 12.17	78. 12.17	77. 12.17
	DIVERSION TO									
+	STDBL1	0.04	1	FLOW TIME	62. 12.17	61. 12.17	60. 12.17	59. 12.17	57. 12.17	56. 12.17
	HYDROGRAPH AT									
+	DV STD	0.04	1	FLOW TIME	21. 12.00	21. 12.00	21. 12.00	21. 12.00	21. 12.00	21. 12.00
	DIVERSION TO									
+	24S11	0.04	1	FLOW TIME	21. 12.00	21. 12.00	21. 12.00	21. 12.00	21. 12.00	21. 12.00
	HYDROGRAPH AT									
+	0-CFS	0.04	1	FLOW TIME	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
	HYDROGRAPH AT									
+	36CMP	0.00	1	FLOW TIME	47. 13.83	47. 13.67	47. 13.67	47. 13.75	47. 13.67	47. 13.67
	ROUTED TO									
+	RT S12	0.00	1	FLOW TIME	47. 13.75	47. 13.83	47. 13.67	47. 13.75	47. 13.75	47. 13.58
	HYDROGRAPH AT									
+	S12	0.01	1	FLOW TIME	17. 12.17	16. 12.17	16. 12.17	16. 12.17	15. 12.17	15. 12.17

2 COMBINED AT

+	CP S12	0.01	1	FLOW TIME	49. 12.75	49. 12.75	48. 12.75	48. 12.75	48. 12.83	48. 12.83
ROUTED TO										
+	RT T1A	0.01	1	FLOW TIME	49. 12.75	48. 12.83	48. 12.83	48. 12.83	48. 12.83	48. 12.83
ROUTED TO										
+	RT SDD	0.01	1	FLOW TIME	49. 12.83	48. 12.83	48. 12.83	48. 12.92	48. 12.92	48. 12.92
4 COMBINED AT										
+	CB RSD	1.89	1	FLOW TIME	404. 12.33	400. 12.33	391. 12.33	384. 12.33	383. 12.33	378. 12.33
HYDROGRAPH AT										
+	RSD	0.02	1	FLOW TIME	38. 12.25	37. 12.25	37. 12.25	36. 12.25	36. 12.25	35. 12.25
HYDROGRAPH AT										
+	PA3SP	0.00	1	FLOW TIME	60. 12.33	58. 12.33	56. 12.33	55. 12.33	53. 12.33	51. 12.33
ROUTED TO										
+	RT LEB	0.00	1	FLOW TIME	58. 12.42	56. 12.42	55. 12.42	53. 12.42	52. 12.42	50. 12.42
HYDROGRAPH AT										
+	SLE	0.13	1	FLOW TIME	193. 12.33	190. 12.33	188. 12.33	185. 12.33	183. 12.33	180. 12.33
2 COMBINED AT										
+	CP SLE	0.13	1	FLOW TIME	241. 12.42	237. 12.42	233. 12.42	229. 12.42	225. 12.42	221. 12.42
DIVERSION TO										
+	STSLE	0.13	1	FLOW TIME	213. 12.42	209. 12.42	205. 12.42	201. 12.42	197. 12.42	193. 12.42
HYDROGRAPH AT										
+	DV SLE	0.13	1	FLOW TIME	28. 11.92	28. 11.92	28. 11.92	28. 11.92	28. 11.92	28. 11.92
3 COMBINED AT										
+	CP RSD	2.05	1	FLOW TIME	462. 12.33	457. 12.33	448. 12.33	441. 12.33	440. 12.33	434. 12.33
ROUTED TO										
+	RT C1C	2.05	1	FLOW TIME	465. 12.42	460. 12.42	451. 12.42	445. 12.42	444. 12.42	438. 12.42
HYDROGRAPH AT										
+	RC SLE	0.00	1	FLOW TIME	213. 12.42	209. 12.42	205. 12.42	201. 12.42	197. 12.42	193. 12.42
ROUTED TO										
+	RT C1B	0.00	1	FLOW TIME	212. 12.50	208. 12.50	204. 12.50	200. 12.50	196. 12.50	192. 12.50

3 COMBINED AT

+	CP GC1	2.39	1	FLOW TIME	951. 12.42	937. 12.42	920. 12.42	906. 12.42	897. 12.42	882. 12.42
ROUTED TO										
+	RT C2C	2.39	1	FLOW TIME	921. 12.50	907. 12.50	893. 12.50	879. 12.50	869. 12.50	854. 12.50
ROUTED TO										
+	RT C2D	2.39	1	FLOW TIME	920. 12.50	902. 12.50	883. 12.50	870. 12.50	867. 12.50	842. 12.50
2 COMBINED AT										
+	CP GC2	2.85	1	FLOW TIME	1294. 12.50	1270. 12.50	1244. 12.50	1222. 12.50	1210. 12.50	1178. 12.50
HYDROGRAPH AT										
+	UPR	0.14	1	FLOW TIME	192. 12.50	189. 12.50	187. 12.50	185. 12.50	183. 12.50	180. 12.50
3 COMBINED AT										
+	CB SLK	52.85	1	FLOW TIME	10876. 14.58	10665. 14.67	10456. 14.67	10235. 14.67	10020. 14.67	9794. 14.67
HYDROGRAPH AT										
+	LEA	0.14	1	FLOW TIME	161. 12.58	159. 12.58	157. 12.58	155. 12.58	153. 12.58	151. 12.58
DIVERSION TO										
+	30JCP	0.14	1	FLOW TIME	18. 11.92	18. 11.92	18. 11.92	18. 11.92	18. 11.92	18. 11.92
HYDROGRAPH AT										
+	DV JCP	0.14	1	FLOW TIME	143. 12.58	141. 12.58	139. 12.58	137. 12.58	135. 12.58	133. 12.58
DIVERSION TO										
+	24LEA	0.14	1	FLOW TIME	15. 12.08	15. 12.08	15. 12.08	15. 12.08	15. 12.08	15. 12.08
HYDROGRAPH AT										
+	DV LEA	0.14	1	FLOW TIME	128. 12.58	126. 12.58	124. 12.58	122. 12.58	120. 12.58	118. 12.58
HYDROGRAPH AT										
+	24CMP	0.00	1	FLOW TIME	21. 12.00	21. 12.00	21. 12.00	21. 12.00	21. 12.00	21. 12.00
ROUTED TO										
+	RT T1D	0.00	1	FLOW TIME	21. 12.08	21. 12.08	21. 12.08	21. 12.08	21. 12.08	21. 12.08
HYDROGRAPH AT										
+	RC STD	0.00	1	FLOW TIME	62. 12.17	61. 12.17	60. 12.17	59. 12.17	57. 12.17	56. 12.17
ROUTED TO										
+	RT T1E	0.00	1	FLOW TIME	60. 12.25	59. 12.25	58. 12.25	57. 12.25	55. 12.25	54. 12.25
HYDROGRAPH AT										

+		ST1	0.02	1	FLOW TIME	27. 12.42	27. 12.42	27. 12.42	26. 12.42	26. 12.42	25. 12.42	
	3 COMBINED AT											
+		CP ST1	0.02	1	FLOW TIME	105. 12.25	103. 12.25	102. 12.25	100. 12.25	99. 12.25	97. 12.25	
	ROUTED TO											
+		RT T2A	0.02	1	FLOW TIME	99. 12.33	98. 12.33	97. 12.33	95. 12.33	94. 12.33	93. 12.33	
	ROUTED TO											
+		RT T2C	0.02	1	FLOW TIME	109. 12.50	107. 12.50	106. 12.50	104. 12.50	103. 12.50	101. 12.50	
	HYDROGRAPH AT											
+		ST2	0.40	1	FLOW TIME	433. 12.58	428. 12.58	422. 12.58	416. 12.58	411. 12.58	405. 12.58	
	DIVERSION TO											
+		18HZL	0.40	1	FLOW TIME	16. 12.00	16. 12.00	16. 12.00	16. 12.00	16. 12.00	16. 12.00	
	HYDROGRAPH AT											
+		DV HZL	0.40	1	FLOW TIME	417. 12.58	412. 12.58	406. 12.58	400. 12.58	395. 12.58	389. 12.58	
	HYDROGRAPH AT											
+		RC JCP	0.00	1	FLOW TIME	18. 11.92	18. 11.92	18. 11.92	18. 11.92	18. 11.92	18. 11.92	
	ROUTED TO											
+		RT T2E	0.00	1	FLOW TIME	18. 12.00	18. 12.00	18. 12.08	18. 12.08	18. 12.08	18. 12.08	
	3 COMBINED AT											
+		CP ST2	0.42	1	FLOW TIME	535. 12.50	528. 12.50	521. 12.50	514. 12.50	506. 12.50	499. 12.50	
	DIVERSION TO											
+		54ST2	0.42	1	FLOW TIME	65. 12.00	65. 12.00	65. 12.00	65. 12.00	65. 12.00	65. 12.00	
	HYDROGRAPH AT											
+		DV ST2	0.42	1	FLOW TIME	470. 12.50	463. 12.50	456. 12.50	449. 12.50	441. 12.50	434. 12.50	
	DIVERSION TO											
+		RRBOX	0.42	1	FLOW TIME	25. 12.08	25. 12.08	25. 12.08	25. 12.08	25. 12.08	25. 12.08	
	HYDROGRAPH AT											
+		DV BOX	0.42	1	FLOW TIME	445. 12.50	438. 12.50	431. 12.50	424. 12.50	416. 12.50	409. 12.50	
	ROUTED TO											
+		RT M01	0.42	1	FLOW TIME	440. 12.58	433. 12.58	426. 12.58	419. 12.58	412. 12.58	406. 12.58	

2 COMBINED AT

+ CP LEA 0.56 1 FLOW 568. 559. 550. 541. 533. 524.
 TIME 12.58 12.58 12.58 12.58 12.58 12.58

ROUTED TO
 + RT MO2 0.56 1 FLOW 550. 541. 532. 525. 524. 516.
 TIME 12.75 12.75 12.83 12.83 12.83 12.83

HYDROGRAPH AT
 + ST3 0.53 1 FLOW 388. 383. 378. 372. 367. 361.
 TIME 12.92 12.92 12.92 12.92 12.92 12.92

ROUTED TO
 + RT MO3 0.53 1 FLOW 386. 381. 374. 371. 364. 359.
 TIME 13.00 12.92 13.00 13.00 13.00 13.00

ROUTED TO
 + RT MO4 0.53 1 FLOW 385. 381. 374. 371. 364. 358.
 TIME 13.00 13.00 13.00 13.00 13.00 13.00

HYDROGRAPH AT
 + MOY 1.17 1 FLOW 619. 611. 602. 593. 584. 575.
 TIME 13.33 13.33 13.33 13.33 13.33 13.33

3 COMBINED AT
 + CP MOY 2.26 1 FLOW 1403. 1384. 1362. 1343. 1337. 1317.
 TIME 12.92 12.92 12.92 12.92 12.92 12.92

ROUTED TO
 + DETMO 2.26 1 FLOW 152. 147. 144. 142. 141. 139.
 TIME 15.75 15.75 15.83 15.75 15.75 15.75

** PEAK STAGES IN FEET **
 1 STAGE 4970.54 4970.52 4970.49 4970.46 4970.43 4970.39
 TIME 15.75 15.67 15.75 15.75 15.75 15.67

ROUTED TO
 + RT K2B 2.26 1 FLOW 152. 147. 144. 142. 141. 139.
 TIME 16.08 16.08 16.17 16.17 16.17 16.17

HYDROGRAPH AT
 + SLK 1.32 1 FLOW 2328. 2301. 2274. 2247. 2221. 2194.
 TIME 12.33 12.33 12.33 12.33 12.33 12.33

3 COMBINED AT
 + CP SLK 56.43 1 FLOW 11109. 10893. 10682. 10459. 10242. 10013.
 TIME 14.58 14.67 14.67 14.67 14.67 14.67

ROUTED TO
 + SLWSE 56.43 1 FLOW 0. 0. 0. 0. 0. 0.
 TIME 0.08 0.08 0.08 0.08 0.08 0.08

** PEAK STAGES IN FEET **
 1 STAGE 4965.43 4965.35 4965.26 4965.18 4965.09 4965.01
 TIME 99.92 97.75 92.50 91.58 90.25 90.75

HYDROGRAPH AT
 + PE1A 0.05 1 FLOW 40. 40. 39. 38. 37. 36.
 TIME 12.33 12.33 12.33 12.33 12.33 12.33

ROUTED TO

+	SRT9C	0.05	1	FLOW	10.	10.	9.	9.	9.	8.
				TIME	12.83	12.83	12.83	12.83	12.83	12.83

** PEAK STAGES IN FEET **

1	STAGE	91.90	91.84	91.78	91.72	91.66	91.61
	TIME	12.83	12.83	12.83	12.83	12.83	12.83

ROUTED TO

+	RT SBG	0.05	1	FLOW	10.	10.	9.	9.	9.	8.
				TIME	12.92	12.92	12.92	12.92	12.92	12.92

HYDROGRAPH AT

+	PE1B	0.11	1	FLOW	78.	77.	75.	73.	72.	70.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

ROUTED TO

+	SRT9B	0.11	1	FLOW	49.	47.	45.	44.	42.	41.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67

** PEAK STAGES IN FEET **

1	STAGE	103.13	103.07	103.00	102.92	102.84	102.75
	TIME	12.67	12.67	12.67	12.67	12.67	12.67

DIVERSION TO

+	PE1-RR	0.11	1	FLOW	10.	8.	6.	5.	4.	3.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67

HYDROGRAPH AT

+	DV PE1	0.11	1	FLOW	40.	39.	39.	39.	38.	38.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67

ROUTED TO

+	RT SBA	0.11	1	FLOW	39.	39.	39.	38.	38.	38.
				TIME	12.67	12.67	12.67	12.75	12.75	12.75

2 COMBINED AT

+	CB PE1	0.16	1	FLOW	49.	48.	48.	47.	46.	46.
				TIME	12.75	12.75	12.75	12.75	12.75	12.75

ROUTED TO

+	RT SBB	0.16	1	FLOW	49.	48.	48.	47.	46.	46.
				TIME	12.83	12.83	12.83	12.83	12.83	12.83

HYDROGRAPH AT

+	PE2	0.35	1	FLOW	169.	165.	162.	159.	155.	152.
				TIME	12.75	12.75	12.75	12.75	12.75	12.75

HYDROGRAPH AT

+	RC DIV	0.00	1	FLOW	10.	8.	6.	5.	4.	3.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67

ROUTED TO

+	RT E1S	0.00	1	FLOW	9.	7.	6.	5.	4.	3.
				TIME	12.75	12.75	12.75	12.75	12.75	12.75

2 COMBINED AT

+	CP PE2	0.35	1	FLOW	178.	173.	168.	163.	159.	155.
				TIME	12.75	12.75	12.75	12.75	12.75	12.75

DIVERSION TO

+	RRPE2	0.35	1	FLOW TIME	75. 12.75	73. 12.75	71. 12.75	70. 12.75	68. 12.75	66. 12.75
HYDROGRAPH AT										
+	DV PE2	0.35	1	FLOW TIME	103. 12.75	100. 12.75	97. 12.75	94. 12.75	91. 12.75	89. 12.75
ROUTED TO										
+	RT SBC	0.35	1	FLOW TIME	102. 12.75	99. 12.75	96. 12.75	94. 12.75	91. 12.75	88. 12.75
ROUTED TO										
+	RT SBD	0.35	1	FLOW TIME	103. 12.83	99. 12.83	96. 12.83	94. 12.83	91. 12.83	88. 12.83
HYDROGRAPH AT										
+	PE3	0.09	1	FLOW TIME	84. 12.33	82. 12.33	80. 12.33	79. 12.33	77. 12.33	76. 12.33
HYDROGRAPH AT										
+	PE2SP	0.00	1	FLOW TIME	75. 12.75	73. 12.75	71. 12.75	70. 12.75	68. 12.75	66. 12.75
ROUTED TO										
+	RT PE3	0.00	1	FLOW TIME	75. 12.75	73. 12.75	71. 12.75	69. 12.75	67. 12.75	66. 12.83
2 COMBINED AT										
+	CP PE3	0.09	1	FLOW TIME	127. 12.50	124. 12.50	122. 12.50	119. 12.50	117. 12.50	114. 12.50
DIVERSION TO										
+	RRPE3	0.09	1	FLOW TIME	94. 12.50	91. 12.50	89. 12.50	87. 12.50	84. 12.50	82. 12.50
HYDROGRAPH AT										
+	DV PE3	0.09	1	FLOW TIME	33. 12.50	33. 12.50	33. 12.50	33. 12.50	33. 12.50	33. 12.50
ROUTED TO										
+	RT SBE	0.09	1	FLOW TIME	33. 12.50	33. 12.50	33. 12.50	33. 12.50	33. 12.50	32. 12.50
ROUTED TO										
+	RT SBF	0.09	1	FLOW TIME	33. 12.58	33. 12.58	33. 12.58	33. 12.58	33. 12.58	33. 12.58
HYDROGRAPH AT										
+	ESB	0.39	1	FLOW TIME	649. 12.25	640. 12.25	632. 12.25	623. 12.25	615. 12.25	606. 12.25
4 COMBINED AT										
+	CP ESB	0.99	1	FLOW TIME	715. 12.33	706. 12.33	697. 12.33	688. 12.33	679. 12.33	670. 12.33
ROUTED TO										
+	ESB-DT	0.99	1	FLOW TIME	665. 12.42	656. 12.42	647. 12.42	639. 12.42	630. 12.42	621. 12.42

** PEAK STAGES IN FEET **

1	STAGE	95.67	95.65	95.63	95.62	95.60	95.59
	TIME	12.42	12.42	12.42	12.42	12.42	12.42

DI...ION TO

+	WR-ESB	0.99	1	FLOW	540.	532.	524.	515.	507.	498.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

HYDROGRAPH AT

+	DV ESB	0.99	1	FLOW	124.	124.	124.	123.	123.	122.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

ROUTED TO

+	RT SE1	0.99	1	FLOW	124.	123.	123.	123.	123.	122.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

HYDROGRAPH AT

+	SE1	0.08	1	FLOW	131.	130.	128.	126.	125.	123.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

2 COMBINED AT

+	CP SE1	1.07	1	FLOW	251.	249.	247.	245.	243.	240.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

ROUTED TO

+	RT SV6	1.07	1	FLOW	252.	249.	248.	246.	244.	242.
				TIME	12.50	12.50	12.58	12.58	12.58	12.58

HYDROGRAPH AT

+	SV6	0.32	1	FLOW	288.	284.	280.	275.	271.	267.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58

HYDROGRAPH AT

+	SV7	0.07	1	FLOW	69.	68.	67.	65.	64.	63.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

3 COMBINED AT

+	CP SV7	1.46	1	FLOW	599.	591.	582.	574.	566.	558.
				TIME	12.50	12.50	12.50	12.50	12.50	12.50

ROUTED TO

+	SRT679	1.46	1	FLOW	249.	226.	204.	189.	185.	182.
				TIME	13.17	13.25	13.33	13.33	13.42	13.42

** PEAK STAGES IN FEET **

1	STAGE	76.06	76.04	76.01	75.95	75.87	75.79
	TIME	13.17	13.25	13.33	13.33	13.42	13.42

ROUTED TO

+	RT V4A	1.46	1	FLOW	244.	225.	203.	189.	185.	182.
				TIME	13.17	13.25	13.33	13.42	13.42	13.42

ROUTED TO

+	RT V4B	1.46	1	FLOW	235.	218.	199.	189.	185.	181.
				TIME	13.25	13.33	13.42	13.42	13.50	13.50

HYDROGRAPH AT

+	SV4	0.11	1	FLOW	149.	147.	145.	142.	140.	138.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

2 COMBINED AT

+	SV5	0.03	1	FLOW TIME	93. 12.08	92. 12.08	90. 12.08	89. 12.08	88. 12.08	87. 12.08
HYDROGRAPH AT										
+	SE4	0.01	1	FLOW TIME	17. 12.25	17. 12.25	17. 12.25	16. 12.25	16. 12.25	16. 12.25
2 COMBINED AT										
+	CP SE4	0.04	1	FLOW TIME	102. 12.08	101. 12.08	100. 12.08	98. 12.08	97. 12.08	96. 12.08
ROUTED TO										
+	RT A1A	0.04	1	FLOW TIME	90. 12.17	88. 12.17	89. 12.17	86. 12.17	88. 12.17	85. 12.17
HYDROGRAPH AT										
+	RC HZL	0.00	1	FLOW TIME	16. 12.00	16. 12.00	16. 12.00	16. 12.00	16. 12.00	16. 12.00
ROUTED TO										
+	RT A1D	0.00	1	FLOW TIME	16. 12.08	16. 12.08	16. 12.08	16. 12.08	16. 12.08	16. 12.08
2 COMBINED AT										
+	CB SD	0.04	1	FLOW TIME	106. 12.17	104. 12.17	105. 12.17	102. 12.17	104. 12.17	101. 12.17
ROUTED TO										
+	RT A1B	0.04	1	FLOW TIME	87. 12.25	85. 12.25	83. 12.25	81. 12.25	84. 12.25	81. 12.25
HYDROGRAPH AT										
+	RC LEA	0.00	1	FLOW TIME	15. 12.08	15. 12.08	15. 12.08	15. 12.08	15. 12.08	15. 12.08
HYDROGRAPH AT										
+	RC BOX	0.00	1	FLOW TIME	25. 12.08	25. 12.08	25. 12.08	25. 12.08	25. 12.08	25. 12.08
2 COMBINED AT										
+	CB BOX	0.00	1	FLOW TIME	40. 12.08	40. 12.08	40. 12.08	40. 12.08	40. 12.08	40. 12.08
ROUTED TO										
+	RT M05	0.00	1	FLOW TIME	40. 12.33	40. 12.33	40. 12.33	40. 12.33	40. 12.33	40. 12.33
HYDROGRAPH AT										
+	RC ST2	0.00	1	FLOW TIME	65. 12.00	65. 12.00	65. 12.00	65. 12.00	65. 12.00	65. 12.00
2 COMBINED AT										
+	CB SD1	0.00	1	FLOW TIME	105. 12.33	105. 12.33	105. 12.33	105. 12.33	105. 12.33	105. 12.33
ROUTED TO										
+	RT T2D	0.00	1	FLOW TIME	105. 13.08	105. 13.08	105. 13.08	105. 13.00	105. 13.00	105. 13.00

2 COMBINED AT

+	CB SD2	0.04	1	FLOW TIME	187. 12.25	185. 12.25	183. 12.25	180. 12.25	183. 12.25	180. 12.25
ROUTED TO										
+	RT A1C	0.04	1	FLOW TIME	187. 12.42	186. 12.42	183. 12.42	181. 12.42	184. 12.42	180. 12.42
HYDROGRAPH AT										
+	MA1	0.41	1	FLOW TIME	236. 12.83	232. 12.83	228. 12.83	224. 12.83	220. 12.83	216. 12.83
HYDROGRAPH AT										
+	ML3	0.17	1	FLOW TIME	135. 12.58	133. 12.58	131. 12.58	128. 12.58	126. 12.58	124. 12.58
5 COMBINED AT										
+	CP MA1	2.61	1	FLOW TIME	1038. 12.58	1021. 12.58	1002. 12.58	985. 12.58	970. 12.58	957. 12.58
ROUTED TO										
+	RT GP1	2.61	1	FLOW TIME	1030. 12.67	1012. 12.67	987. 12.67	985. 12.67	969. 12.67	956. 12.67
HYDROGRAPH AT										
+	MA2	0.06	1	FLOW TIME	104. 12.25	102. 12.25	101. 12.25	100. 12.25	98. 12.25	97. 12.25
ROUTED TO										
+	RT GP2	0.06	1	FLOW TIME	102. 12.25	101. 12.25	99. 12.25	98. 12.25	96. 12.25	95. 12.25
ROUTED TO										
+	RT GP3	0.06	1	FLOW TIME	99. 12.42	97. 12.42	96. 12.42	95. 12.42	93. 12.42	92. 12.42
HYDROGRAPH AT										
+	SGP	0.26	1	FLOW TIME	274. 12.50	271. 12.50	267. 12.50	263. 12.50	259. 12.50	255. 12.50
2 COMBINED AT										
+	CP SGP	0.32	1	FLOW TIME	361. 12.42	356. 12.42	351. 12.42	346. 12.42	341. 12.42	336. 12.42
2 COMBINED AT										
+	CB LLK	2.93	1	FLOW TIME	1320. 12.67	1298. 12.67	1269. 12.67	1263. 12.67	1243. 12.67	1226. 12.67
HYDROGRAPH AT										
+	PE5	2.53	1	FLOW TIME	396. 13.75	386. 13.75	376. 13.75	366. 13.75	357. 13.75	347. 13.75
ROUTED TO										
+	DET33	2.53	1	FLOW TIME	259. 14.67	242. 14.75	223. 14.83	203. 14.92	189. 15.00	174. 15.08

** PEAK STAGES IN FEET **

1	STAGE	52.75	52.67	52.59	52.49	52.37	52.24
	TIME	14.67	14.75	14.83	14.92	15.00	15.08

DIVERSION TO

+	RRPE5	2.53	1	FLOW TIME	132. 14.67	117. 14.75	102. 14.83	86. 14.92	72. 15.00	58. 15.08
HYDROGRAPH AT										
+	DV PE5	2.53	1	FLOW TIME	128. 14.67	124. 14.75	121. 14.83	117. 14.92	116. 15.00	116. 15.08
ROUTED TO										
+	RT HR1	2.53	1	FLOW TIME	128. 14.67	125. 14.75	121. 14.83	117. 14.92	116. 15.00	116. 15.17
HYDROGRAPH AT										
+	HR1	0.09	1	FLOW TIME	90. 12.33	89. 12.33	87. 12.33	86. 12.33	84. 12.33	83. 12.33
2 COMBINED AT										
+	CP HR1	2.62	1	FLOW TIME	132. 14.67	129. 14.75	124. 14.83	121. 15.42	120. 15.42	120. 15.42
ROUTED TO										
+	RT H2A	2.62	1	FLOW TIME	131. 14.67	128. 14.75	124. 14.92	121. 15.42	120. 15.42	120. 15.42
ROUTED TO										
+	RT H2B	2.62	1	FLOW TIME	131. 14.75	128. 14.75	124. 14.92	121. 15.42	120. 15.42	120. 15.42
HYDROGRAPH AT										
+	HR2	0.03	1	FLOW TIME	52. 12.17	51. 12.17	50. 12.17	50. 12.17	49. 12.17	48. 12.17
2 COMBINED AT										
+	CP HR2	2.65	1	FLOW TIME	132. 14.75	129. 14.75	125. 14.92	122. 15.42	122. 15.42	122. 15.42
ROUTED TO										
+	RT G3A	2.65	1	FLOW TIME	132. 14.75	129. 14.83	125. 14.92	122. 15.42	122. 15.42	122. 15.50
ROUTED TO										
+	RT G3B	2.65	1	FLOW TIME	132. 14.83	129. 14.92	125. 15.00	122. 15.50	122. 15.50	121. 15.50
HYDROGRAPH AT										
+	HR3	0.10	1	FLOW TIME	129. 12.25	127. 12.25	125. 12.25	123. 12.25	121. 12.25	119. 12.25
ROUTED TO										
+	RT G3C	0.10	1	FLOW TIME	127. 12.33	125. 12.33	123. 12.33	121. 12.33	119. 12.33	117. 12.42
HYDROGRAPH AT										
+	PE6	0.10	1	FLOW TIME	71. 12.25	70. 12.25	68. 12.25	66. 12.25	65. 12.25	63. 12.25
HYDROGRAPH AT										
+	PE5SP	0.00	1	FLOW TIME	132. 14.67	117. 14.75	102. 14.83	86. 14.92	72. 15.00	58. 15.08
ROUTED TO										

+	RT 6SA	0.00	1	FLOW TIME	130. 14.67	117. 14.75	102. 14.83	86. 14.92	72. 15.00	58. 15.08
2 COMBINED AT										
+	CP PE6	0.10	1	FLOW TIME	133. 14.67	120. 14.75	105. 14.83	88. 14.92	75. 15.00	63. 12.25
ROUTED TO										
+	DET24	0.10	1	FLOW TIME	49. 15.83	45. 15.83	40. 15.83	35. 15.92	30. 16.00	24. 16.08
** PEAK STAGES IN FEET **										
	1	STAGE			5239.45	5237.89	5236.20	5234.44	5232.60	5230.81
		TIME			15.83	15.83	15.83	15.92	16.00	16.08
DIVERSION TO										
+	RRPE6	0.10	1	FLOW TIME	0. 15.83	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
HYDROGRAPH AT										
+	DV PE6	0.10	1	FLOW TIME	49. 15.83	45. 15.83	40. 15.83	35. 15.92	30. 16.00	24. 16.08
ROUTED TO										
+	RT MGA	0.10	1	FLOW TIME	49. 15.83	45. 15.83	40. 15.92	35. 15.92	30. 16.00	24. 16.08
ROUTED TO										
+	RT MGB	0.10	1	FLOW TIME	49. 15.83	45. 15.92	40. 16.00	35. 16.00	30. 16.08	24. 16.25
HYDROGRAPH AT										
+	MG1	0.18	1	FLOW TIME	210. 12.33	207. 12.33	204. 12.33	200. 12.33	197. 12.33	194. 12.33
2 COMBINED AT										
+	CP MG1	0.28	1	FLOW TIME	212. 12.33	208. 12.33	204. 12.33	201. 12.33	198. 12.33	195. 12.33
ROUTED TO										
+	RT G3D	0.28	1	FLOW TIME	216. 12.42	213. 12.42	209. 12.42	206. 12.42	202. 12.42	199. 12.42
HYDROGRAPH AT										
+	PE7	0.99	1	FLOW TIME	427. 12.58	418. 12.58	408. 12.58	399. 12.58	390. 12.58	380. 12.58
HYDROGRAPH AT										
+	PE6SP	0.00	1	FLOW TIME	0. 15.83	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
2 COMBINED AT										
+	CP PE7	0.99	1	FLOW TIME	427. 12.58	418. 12.58	408. 12.58	399. 12.58	390. 12.58	380. 12.58
ROUTED TO										
+	DET24	0.99	1	FLOW TIME	425. 12.67	416. 12.67	407. 12.67	392. 12.67	370. 12.75	362. 12.75

** PEAK STAGES IN FEET **

1	STAGE	32.97	32.95	32.93	32.90	32.85	32.83
	TIME	12.67	12.67	12.67	12.67	12.75	12.75

DI... ON TO

+	RRPE7	0.99	1	FLOW	313.	308.	304.	297.	286.	281.
				TIME	12.67	12.67	12.67	12.67	12.75	12.75

HYDROGRAPH AT

+	DV PE7	0.99	1	FLOW	112.	108.	103.	95.	84.	80.
				TIME	12.67	12.67	12.67	12.67	12.75	12.75

ROUTED TO

+	RT NV1	0.99	1	FLOW	108.	102.	98.	93.	83.	79.
				TIME	12.75	12.75	12.75	12.75	12.75	12.75

HYDROGRAPH AT

+	NV1	0.06	1	FLOW	98.	97.	95.	94.	93.	91.
				TIME	12.17	12.17	12.17	12.17	12.17	12.17

2 COMBINED AT

+	CP NV1	1.05	1	FLOW	120.	114.	110.	105.	97.	95.
				TIME	12.75	12.75	12.75	12.75	12.25	12.25

ROUTED TO

+	RT TP1	1.05	1	FLOW	121.	116.	110.	105.	99.	97.
				TIME	12.83	12.83	12.83	12.83	12.33	12.33

HYDROGRAPH AT

+	TP1	0.05	1	FLOW	78.	77.	76.	75.	74.	73.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

2 COMBINED AT

+	CP TP1	1.10	1	FLOW	182.	179.	177.	174.	171.	168.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25

ROUTED TO

+	RT G3E	1.10	1	FLOW	173.	170.	167.	165.	162.	160.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

ROUTED TO

+	RT G3F	1.10	1	FLOW	183.	180.	177.	175.	172.	170.
				TIME	12.50	12.50	12.50	12.50	12.50	12.50

HYDROGRAPH AT

+	GV3	0.34	1	FLOW	233.	229.	226.	222.	218.	214.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58

5 COMBINED AT

+	CP GV3	4.47	1	FLOW	814.	800.	787.	774.	763.	751.
				TIME	12.42	12.50	12.50	12.50	12.50	12.50

HYDROGRAPH AT

+	PH1	0.11	1	FLOW	85.	83.	82.	81.	79.	78.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

HYDROGRAPH AT

+	PE7SP	0.00	1	FLOW	313.	308.	304.	297.	286.	281.
				TIME	12.67	12.67	12.67	12.67	12.75	12.75

ROUTED TO

+	CP RH1	0.90	1	FLOW TIME	655. 12.42	644. 12.42	633. 12.42	622. 12.42	612. 12.42	601. 12.42
ROUTED TO										
+	RT GV1	0.90	1	FLOW TIME	660. 12.50	649. 12.50	638. 12.50	627. 12.50	616. 12.50	606. 12.50
HYDROGRAPH AT										
+	GV1	3.13	1	FLOW TIME	632. 13.42	618. 13.42	604. 13.42	591. 13.42	577. 13.42	564. 13.42
2 COMBINED AT										
+	CP GV1	4.03	1	FLOW TIME	872. 12.67	856. 12.67	839. 12.67	823. 12.67	807. 12.67	791. 12.67
ROUTED TO										
+	RT GV2	4.03	1	FLOW TIME	874. 12.75	857. 12.75	841. 12.75	825. 12.75	809. 12.75	792. 12.75
HYDROGRAPH AT										
+	GV2	0.58	1	FLOW TIME	215. 12.67	210. 12.67	205. 12.67	200. 12.67	196. 12.67	191. 12.67
3 COMBINED AT										
+	CP GV3	9.08	1	FLOW TIME	1765. 12.58	1733. 12.58	1701. 12.58	1669. 12.58	1638. 12.58	1609. 12.58
ROUTED TO										
+	RT LD2	9.08	1	FLOW TIME	1770. 12.67	1739. 12.67	1707. 12.67	1675. 12.67	1645. 12.67	1616. 12.67
HYDROGRAPH AT										
+	LD2	0.21	1	FLOW TIME	113. 12.50	111. 12.50	109. 12.50	106. 12.50	104. 12.50	101. 12.50
2 COMBINED AT										
+	CP LD2	9.29	1	FLOW TIME	1862. 12.67	1829. 12.67	1795. 12.67	1762. 12.67	1729. 12.67	1699. 12.67
ROUTED TO										
+	RT VL2	9.29	1	FLOW TIME	1839. 12.67	1797. 12.75	1756. 12.67	1733. 12.67	1701. 12.75	1661. 12.75
DIVERSION TO										
+	LDHYD	9.29	1	FLOW TIME	430. 12.67	416. 12.75	401. 12.67	393. 12.67	382. 12.75	369. 12.75
HYDROGRAPH AT										
+	DV HYD	9.29	1	FLOW TIME	1409. 12.67	1382. 12.75	1355. 12.67	1340. 12.67	1319. 12.75	1292. 12.75
ROUTED TO										
+	RT VL3	9.29	1	FLOW TIME	1420. 12.83	1392. 12.83	1368. 12.83	1351. 12.83	1322. 12.83	1296. 12.83
HYDROGRAPH AT										
+	LD1	0.33	1	FLOW TIME	256. 12.58	252. 12.58	247. 12.58	243. 12.58	239. 12.58	235. 12.58
ROUTED TO										

+	RT VL1	0.33	1	FLOW TIME	252. 12.67	248. 12.67	244. 12.67	240. 12.67	236. 12.67	232. 12.75
HYDROGRAPH AT										
+	LVL	0.29	1	FLOW TIME	223. 12.75	220. 12.75	217. 12.75	213. 12.75	210. 12.75	207. 12.75
2 COMBINED AT										
+	CB LVL	0.62	1	FLOW TIME	474. 12.75	467. 12.75	460. 12.75	453. 12.75	446. 12.75	439. 12.75
ROUTED TO										
+	RT VD1	0.62	1	FLOW TIME	477. 12.83	470. 12.83	462. 12.83	455. 12.83	448. 12.83	441. 12.83
HYDROGRAPH AT										
+	PE4	1.85	1	FLOW TIME	802. 13.00	788. 13.00	773. 13.08	759. 13.08	745. 13.08	731. 13.08
HYDROGRAPH AT										
+	PE3SP	0.00	1	FLOW TIME	94. 12.50	91. 12.50	89. 12.50	87. 12.50	84. 12.50	82. 12.50
ROUTED TO										
+	RT PE4	0.00	1	FLOW TIME	93. 12.58	91. 12.58	88. 12.58	85. 12.58	83. 12.58	80. 12.58
HYDROGRAPH AT										
+	ESB SP	0.00	1	FLOW TIME	540. 12.42	532. 12.42	524. 12.42	515. 12.42	507. 12.42	498. 12.42
3 COMBINED AT										
+	CP PE4	1.85	1	FLOW TIME	1062. 12.83	1040. 12.83	1018. 12.83	997. 12.83	977. 12.92	958. 12.92
ROUTED TO										
+	RT ML1	1.85	1	FLOW TIME	1065. 13.00	1042. 13.00	1021. 13.00	1000. 13.00	978. 13.00	957. 13.00
HYDROGRAPH AT										
+	ML1	1.06	1	FLOW TIME	477. 13.25	469. 13.25	462. 13.25	455. 13.25	447. 13.25	440. 13.25
2 COMBINED AT										
+	CP ML1	2.91	1	FLOW TIME	1519. 13.17	1492. 13.17	1466. 13.17	1440. 13.17	1414. 13.17	1389. 13.17
ROUTED TO										
+	RT ML3	2.91	1	FLOW TIME	1519. 13.17	1492. 13.17	1465. 13.17	1439. 13.17	1413. 13.17	1387. 13.17
ROUTED TO										
+	RT VD2	2.91	1	FLOW TIME	1516. 13.17	1488. 13.17	1462. 13.17	1435. 13.17	1409. 13.17	1382. 13.25
HYDROGRAPH AT										
+	NVD	0.15	1	FLOW TIME	159. 12.42	156. 12.42	154. 12.42	151. 12.42	149. 12.42	147. 12.42
4 COMBINED AT										

+	CB A&C	12.97	1	FLOW TIME	3322. 12.92	3270. 12.92	3210. 12.92	3160. 12.92	3106. 12.92	3047. 12.92
ROUTED TO										
+	RT ML2	12.97	1	FLOW TIME	3205. 13.33	3150. 13.33	3095. 13.33	3042. 13.33	2988. 13.33	2934. 13.33
HYDROGRAPH AT										
+	ML2	0.48	1	FLOW TIME	312. 12.67	307. 12.67	302. 12.67	296. 12.67	291. 12.67	286. 12.67
3 COMBINED AT										
+	CB LLK	16.38	1	FLOW TIME	4107. 13.25	4024. 13.25	3947. 13.25	3875. 13.25	3802. 13.25	3728. 13.25
HYDROGRAPH AT										
+	RC HYD	0.00	1	FLOW TIME	430. 12.67	416. 12.75	401. 12.67	393. 12.67	382. 12.75	369. 12.75
ROUTED TO										
+	RT LD3	0.00	1	FLOW TIME	417. 12.92	404. 13.00	391. 13.00	382. 13.00	372. 13.00	360. 13.00
HYDROGRAPH AT										
+	BER	0.59	1	FLOW TIME	207. 12.75	202. 12.75	197. 12.75	193. 12.75	188. 12.75	184. 12.75
ROUTED TO										
+	RT PAT	0.59	1	FLOW TIME	207. 12.92	202. 12.92	197. 12.92	193. 12.92	188. 12.92	184. 12.92
HYDROGRAPH AT										
+	PAT	1.02	1	FLOW TIME	189. 13.17	184. 13.17	179. 13.17	174. 13.17	169. 13.17	165. 13.17
2 COMBINED AT										
+	CP PAT	1.61	1	FLOW TIME	383. 13.00	374. 13.00	365. 13.00	356. 13.00	347. 13.00	338. 13.00
2 COMBINED AT										
+	CP LEM	1.61	1	FLOW TIME	797. 13.00	778. 13.00	756. 13.00	738. 13.00	719. 13.00	698. 13.00
HYDROGRAPH AT										
+	LD3	0.50	1	FLOW TIME	183. 12.92	179. 12.92	175. 12.92	172. 12.92	168. 12.92	164. 12.92
3 COMBINED AT										
+	CB LLK	18.49	1	FLOW TIME	4934. 13.25	4831. 13.25	4734. 13.25	4643. 13.25	4550. 13.25	4458. 13.25
HYDROGRAPH AT										
+	LV5	2.56	1	FLOW TIME	238. 13.83	231. 13.83	224. 13.83	217. 13.83	211. 13.83	204. 13.83
ROUTED TO										
+	RT LV3	2.56	1	FLOW TIME	238. 14.25	231. 14.25	224. 14.25	218. 14.25	211. 14.25	205. 14.25
HYDROGRAPH AT										

+		LV3	2.50	1	FLOW	632.	617.	603.	589.	575.	561.
					TIME	13.08	13.08	13.08	13.08	13.08	13.08
2 COMBINED AT											
+		CP LV3	5.06	1	FLOW	686.	669.	652.	635.	618.	604.
					TIME	13.33	13.33	13.33	13.33	13.33	13.25
HYDROGRAPH AT											
+		LV4	5.22	1	FLOW	692.	674.	657.	640.	623.	606.
					TIME	13.58	13.58	13.67	13.67	13.67	13.67
ROUTED TO											
+		RT LV2	5.22	1	FLOW	689.	672.	655.	638.	621.	605.
					TIME	14.25	14.25	14.25	14.25	14.25	14.25
HYDROGRAPH AT											
+		LV2	7.02	1	FLOW	982.	957.	932.	908.	884.	860.
					TIME	13.83	13.83	13.92	13.92	13.92	13.92
2 COMBINED AT											
+		CP LV2	12.24	1	FLOW	1644.	1602.	1561.	1520.	1479.	1439.
					TIME	14.08	14.08	14.08	14.08	14.08	14.08
HYDROGRAPH AT											
+		LV1	0.85	1	FLOW	514.	504.	493.	483.	473.	463.
					TIME	12.58	12.58	12.58	12.58	12.58	12.58
ROUTED TO											
+		RT LLK	0.85	1	FLOW	512.	502.	492.	482.	472.	462.
					TIME	12.58	12.58	12.58	12.58	12.58	12.58
HYDROGRAPH AT											
+		LLK	3.34	1	FLOW	4333.	4275.	4218.	4160.	4102.	4045.
					TIME	12.42	12.42	12.42	12.42	12.42	12.42
5 COMBINED AT											
+		CP LLK	39.98	1	FLOW	7119.	6964.	6813.	6665.	6514.	6372.
					TIME	13.17	13.17	13.17	13.17	13.17	13.25
ROUTED TO											
+		LLWSE	39.98	1	FLOW	0.	0.	0.	0.	0.	0.
					TIME	0.08	0.08	0.08	0.08	0.08	0.08

** PEAK STAGES IN FEET **

1	STAGE	4915.31	4915.26	4915.21	4915.17	4915.12	4915.07
	TIME	42.17	42.17	37.75	37.42	39.17	38.33

SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	INTERPOLATED TO COMPUTATION INTERVAL			
						DT	PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	4471.44	880.00	1.64	5.00	4471.44	880.00	1.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1741E+04 EXCESS=0.0000E+00 OUTFLOW=0.1741E+04 BASIN STORAGE=0.1907E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	4384.40	880.00	1.61	5.00	4384.40	880.00	1.61
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1709E+04 EXCESS=0.0000E+00 OUTFLOW=0.1709E+04 BASIN STORAGE=0.1789E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	4297.67	880.00	1.59	5.00	4297.67	880.00	1.59
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1678E+04 EXCESS=0.0000E+00 OUTFLOW=0.1678E+04 BASIN STORAGE=0.1775E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	4211.27	880.00	1.56	5.00	4211.27	880.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1647E+04 EXCESS=0.0000E+00 OUTFLOW=0.1647E+04 BASIN STORAGE=0.1760E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	4125.19	880.00	1.53	5.00	4125.19	880.00	1.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1616E+04 EXCESS=0.0000E+00 OUTFLOW=0.1616E+04 BASIN STORAGE=0.1746E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	4039.48	880.00	1.50	5.00	4039.48	880.00	1.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1585E+04 EXCESS=0.0000E+00 OUTFLOW=0.1585E+04 BASIN STORAGE=0.1400E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B	MANE	3.49	1584.01	830.00	2.18	5.00	1584.01	830.00	2.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4910E+03 EXCESS=0.0000E+00 OUTFLOW=0.4910E+03 BASIN STORAGE=0.1360E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B	MANE	3.50	1557.35	830.18	2.14	5.00	1557.27	830.00	2.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4831E+03 EXCESS=0.0000E+00 OUTFLOW=0.4831E+03 BASIN STORAGE=0.1638E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B	MANE	3.52	1530.73	830.39	2.11	5.00	1530.60	830.00	2.11
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4752E+03 EXCESS=0.0000E+00 OUTFLOW=0.4752E+03 BASIN STORAGE=0.1372E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 3.53 1504.18 830.65 2.07 5.00 1504.06 830.00 2.07

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4673E+03 EXCESS=0.0000E+00 OUTFLOW=0.4673E+03 BASIN STORAGE=0.1632E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 3.55 1477.85 830.95 2.04 5.00 1477.75 830.00 2.04

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4594E+03 EXCESS=0.0000E+00 OUTFLOW=0.4594E+03 BASIN STORAGE=0.1348E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 3.57 1451.60 831.29 2.00 5.00 1451.57 830.00 2.00

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4516E+03 EXCESS=0.0000E+00 OUTFLOW=0.4516E+03 BASIN STORAGE=0.1580E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 4.84 1581.74 832.02 2.18 5.00 1580.21 835.00 2.18

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4910E+03 EXCESS=0.0000E+00 OUTFLOW=0.4910E+03 BASIN STORAGE=0.2507E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 4.86 1554.71 831.03 2.14 5.00 1554.66 835.00 2.14

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4831E+03 EXCESS=0.0000E+00 OUTFLOW=0.4831E+03 BASIN STORAGE=0.2763E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 4.88 1529.95 834.95 2.11 5.00 1529.86 835.00 2.11

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4753E+03 EXCESS=0.0000E+00 OUTFLOW=0.4753E+03 BASIN STORAGE=0.2881E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 4.91 1503.31 834.03 2.07 5.00 1501.96 835.00 2.07

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4673E+03 EXCESS=0.0000E+00 OUTFLOW=0.4673E+03 BASIN STORAGE=0.2010E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 4.93 1476.61 833.12 2.04 5.00 1474.88 835.00 2.04

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4594E+03 EXCESS=0.0000E+00 OUTFLOW=0.4594E+03 BASIN STORAGE=0.2088E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 4.95 1449.88 832.24 2.00 5.00 1448.67 835.00 2.00

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4516E+03 EXCESS=0.0000E+00 OUTFLOW=0.4516E+03 BASIN STORAGE=0.2138E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SK3	MANE	2.50	7147.51	880.00	1.59	5.00	7147.51	880.00	1.59
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2571E+04 EXCESS=0.0000E+00 OUTFLOW=0.2568E+04 BASIN STORAGE=0.1752E-01 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT SK3	MANE	2.50	7009.33	880.00	1.56	5.00	7009.33	880.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2521E+04 EXCESS=0.0000E+00 OUTFLOW=0.2519E+04 BASIN STORAGE=0.1524E-01 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT SK3	MANE	2.50	6871.05	880.00	1.53	5.00	6871.05	880.00	1.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2472E+04 EXCESS=0.0000E+00 OUTFLOW=0.2469E+04 BASIN STORAGE=0.1524E-01 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT SK3	MANE	2.25	6733.15	882.00	1.50	5.00	6731.13	880.00	1.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2422E+04 EXCESS=0.0000E+00 OUTFLOW=0.2419E+04 BASIN STORAGE=0.1494E-01 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT SK3	MANE	2.50	6596.68	882.50	1.47	5.00	6594.21	880.00	1.46
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2373E+04 EXCESS=0.0000E+00 OUTFLOW=0.2370E+04 BASIN STORAGE=0.1518E-01 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT SK3	MANE	2.50	6460.75	882.50	1.44	5.00	6457.04	880.00	1.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2325E+04 EXCESS=0.0000E+00 OUTFLOW=0.2322E+04 BASIN STORAGE=0.1501E-01 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT K2A	MANE	5.00	9033.82	880.00	1.67	5.00	9033.82	880.00	1.67
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3407E+04 EXCESS=0.0000E+00 OUTFLOW=0.3406E+04 BASIN STORAGE=0.7712E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A	MANE	5.00	8853.13	880.00	1.64	5.00	8853.13	880.00	1.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3346E+04 EXCESS=0.0000E+00 OUTFLOW=0.3344E+04 BASIN STORAGE=0.7349E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A	MANE	5.00	8671.03	880.00	1.61	5.00	8671.03	880.00	1.61
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3283E+04 EXCESS=0.0000E+00 OUTFLOW=0.3282E+04 BASIN STORAGE=0.7344E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A	MANE	5.00	8492.44	885.00	1.58	5.00	8492.44	885.00	1.58
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3218E+04 EXCESS=0.0000E+00 OUTFLOW=0.3217E+04 BASIN STORAGE=0.8462E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A	MANE	5.00	8318.80	885.00	1.55	5.00	8318.80	885.00	1.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3155E+04 EXCESS=0.0000E+00 OUTFLOW=0.3154E+04 BASIN STORAGE=0.7288E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A	MANE	5.00	8142.23	885.00	1.52	5.00	8142.23	885.00	1.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3094E+04 EXCESS=0.0000E+00 OUTFLOW=0.3092E+04 BASIN STORAGE=0.8267E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RRI	MANE	1.75	91.29	798.00	0.09	5.00	90.79	800.00	0.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5505E+01 EXCESS=0.0000E+00 OUTFLOW=0.5508E+01 BASIN STORAGE=0.4787E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT RRI	MANE	1.50	84.12	798.00	0.08	5.00	83.56	800.00	0.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4920E+01 EXCESS=0.0000E+00 OUTFLOW=0.4922E+01 BASIN STORAGE=0.6604E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT RRI	MANE	1.75	76.74	798.00	0.07	5.00	76.40	800.00	0.07
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4335E+01 EXCESS=0.0000E+00 OUTFLOW=0.4337E+01 BASIN STORAGE=0.7093E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT RRI	MANE	1.50	69.64	798.00	0.06	5.00	69.27	800.00	0.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3759E+01 EXCESS=0.0000E+00 OUTFLOW=0.3760E+01 BASIN STORAGE=0.5540E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT RRI	MANE	1.50	62.46	798.00	0.05	5.00	62.19	800.00	0.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3249E+01 EXCESS=0.0000E+00 OUTFLOW=0.3251E+01 BASIN STORAGE=0.5968E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT RRI	MANE	1.50	55.40	799.50	0.04	5.00	55.16	800.00	0.04
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2751E+01 EXCESS=0.0000E+00 OUTFLOW=0.2753E+01 BASIN STORAGE=0.5321E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT R3C	MANE	2.75	144.23	803.00	0.12	5.00	143.66	800.00	0.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1363E+02 EXCESS=0.0000E+00 OUTFLOW=0.1363E+02 BASIN STORAGE=0.7865E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3C	MANE	3.00	135.86	801.00	0.11	5.00	134.73	800.00	0.11
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1275E+02 EXCESS=0.0000E+00 OUTFLOW=0.1275E+02 BASIN STORAGE=0.6707E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3C	MANE	3.00	126.98	801.00	0.10	5.00	125.83	800.00	0.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1184E+02 EXCESS=0.0000E+00 OUTFLOW=0.1185E+02 BASIN STORAGE=0.7104E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3C	MANE	3.25	118.05	802.75	0.10	5.00	117.12	805.00	0.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1095E+02 EXCESS=0.0000E+00 OUTFLOW=0.1096E+02 BASIN STORAGE=0.7091E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3C	MANE	3.25	109.36	802.75	0.09	5.00	108.55	805.00	0.09
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1014E+02 EXCESS=0.0000E+00 OUTFLOW=0.1015E+02 BASIN STORAGE=0.1230E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3C	MANE	3.00	100.28	804.00	0.08	5.00	99.86	805.00	0.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9359E+01 EXCESS=0.0000E+00 OUTFLOW=0.9363E+01 BASIN STORAGE=0.1150E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SS2	MANE	2.54	215.40	775.23	-1.00	5.00	215.17	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SS2	MANE	2.54	215.54	775.23	-1.00	5.00	215.33	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SS2	MANE	2.54	215.67	775.23	-1.00	5.00	215.49	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SS2	MANE	2.54	215.81	775.23	-1.00	5.00	215.64	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SS2	MANE	2.54	215.00	780.31	-1.00	5.00	214.74	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SS2	MANE	2.54	215.14	780.31	-1.00	5.00	214.90	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	2.06	278.84	772.36	22.81	5.00	276.51	775.00	22.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1217E+03 EXCESS=0.0000E+00 OUTFLOW=0.1217E+03 BASIN STORAGE=0.8813E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	2.07	276.20	773.00	22.53	5.00	275.17	775.00	22.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1201E+03 EXCESS=0.0000E+00 OUTFLOW=0.1201E+03 BASIN STORAGE=0.8707E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	2.07	274.18	774.73	22.24	5.00	274.08	775.00	22.24
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1186E+03 EXCESS=0.0000E+00 OUTFLOW=0.1186E+03 BASIN STORAGE=0.8687E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	2.07	273.26	776.97	21.95	5.00	272.89	775.00	21.95
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1171E+03 EXCESS=0.0000E+00 OUTFLOW=0.1171E+03 BASIN STORAGE=0.8388E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	2.08	270.61	777.42	21.66	5.00	268.74	775.00	21.65
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1155E+03 EXCESS=0.0000E+00 OUTFLOW=0.1155E+03 BASIN STORAGE=0.8520E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	2.09	268.04	778.20	21.36	5.00	267.11	780.00	21.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1139E+03 EXCESS=0.0000E+00 OUTFLOW=0.1139E+03 BASIN STORAGE=0.8075E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW2 MANE 1.50 96.86 762.00 0.25 5.00 95.57 765.00 0.25

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5661E+01 EXCESS=0.0000E+00 OUTFLOW=0.5662E+01 BASIN STORAGE=0.4501E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW2 MANE 1.54 93.32 762.03 0.24 5.00 92.07 765.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5429E+01 EXCESS=0.0000E+00 OUTFLOW=0.5430E+01 BASIN STORAGE=0.3833E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW2 MANE 1.50 89.75 762.00 0.23 5.00 88.60 765.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5200E+01 EXCESS=0.0000E+00 OUTFLOW=0.5201E+01 BASIN STORAGE=0.3213E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW2 MANE 1.50 86.22 762.00 0.22 5.00 85.13 765.00 0.22

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4973E+01 EXCESS=0.0000E+00 OUTFLOW=0.4974E+01 BASIN STORAGE=0.4173E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW2 MANE 1.50 82.70 762.00 0.21 5.00 81.68 765.00 0.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4755E+01 EXCESS=0.0000E+00 OUTFLOW=0.4756E+01 BASIN STORAGE=0.4366E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW2 MANE 1.60 79.28 761.98 0.20 5.00 78.24 765.00 0.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4543E+01 EXCESS=0.0000E+00 OUTFLOW=0.4544E+01 BASIN STORAGE=0.2655E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PW3 MANE 1.75 97.83 761.25 0.11 5.00 97.69 760.00 0.11

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3694E+01 EXCESS=0.0000E+00 OUTFLOW=0.3696E+01 BASIN STORAGE=0.6210E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PW3 MANE 2.00 92.41 762.00 0.10 5.00 91.91 760.00 0.10

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3407E+01 EXCESS=0.0000E+00 OUTFLOW=0.3410E+01 BASIN STORAGE=0.7082E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PW3 MANE 1.25 86.95 762.50 0.09 5.00 85.88 760.00 0.09

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3130E+01 EXCESS=0.0000E+00 OUTFLOW=0.3133E+01 BASIN STORAGE=0.5536E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PW3	MANE	1.50	80.88	762.00	0.08	5.00	80.21	760.00	0.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2873E+01 EXCESS=0.0000E+00 OUTFLOW=0.2877E+01 BASIN STORAGE=0.3713E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PW3	MANE	1.25	75.60	762.50	0.08	5.00	74.52	760.00	0.07
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2621E+01 EXCESS=0.0000E+00 OUTFLOW=0.2622E+01 BASIN STORAGE=0.5089E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PW3	MANE	1.25	70.03	762.50	0.07	5.00	69.04	760.00	0.07
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2372E+01 EXCESS=0.0000E+00 OUTFLOW=0.2374E+01 BASIN STORAGE=0.4639E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	0.99	305.05	806.68	0.78	5.00	305.00	845.00	0.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1338E+03 EXCESS=0.0000E+00 OUTFLOW=0.1338E+03 BASIN STORAGE=0.4154E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	0.99	305.00	816.55	0.76	5.00	305.00	820.00	0.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1303E+03 EXCESS=0.0000E+00 OUTFLOW=0.1303E+03 BASIN STORAGE=0.4110E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	0.99	304.82	825.55	0.74	5.00	304.79	825.00	0.74
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1269E+03 EXCESS=0.0000E+00 OUTFLOW=0.1269E+03 BASIN STORAGE=0.3987E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	0.99	301.69	826.19	0.72	5.00	301.68	825.00	0.72
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1236E+03 EXCESS=0.0000E+00 OUTFLOW=0.1236E+03 BASIN STORAGE=0.4134E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	0.99	298.65	825.80	0.70	5.00	298.65	825.00	0.70
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1203E+03 EXCESS=0.0000E+00 OUTFLOW=0.1203E+03 BASIN STORAGE=0.3906E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E MANE 1.00 295.71 824.34 0.68 5.00 295.70 825.00 0.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1171E+03 EXCESS=0.0000E+00 OUTFLOW=0.1171E+03 BASIN STORAGE=0.3801E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4A MANE 5.00 109.17 770.00 -1.00 5.00 109.17 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4A MANE 5.00 108.44 770.00 -1.00 5.00 108.44 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4A MANE 5.00 107.71 770.00 -1.00 5.00 107.71 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4A MANE 5.00 106.98 770.00 -1.00 5.00 106.98 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4A MANE 5.00 106.19 770.00 -1.00 5.00 106.19 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4A MANE 5.00 105.33 770.00 -1.00 5.00 105.33 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4B MANE 1.50 13.96 769.50 -1.00 5.00 13.33 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4B MANE 1.75 13.79 763.00 -1.00 5.00 13.23 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4B MANE 1.50 13.62 766.50 -1.00 5.00 12.90 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4B MANE 1.50 13.43 766.50 -1.00 5.00 12.47 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4B MANE 1.50 12.97 763.50 -1.00 5.00 12.13 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4B MANE 2.00 12.90 770.00 -1.00 5.00 12.90 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4C MANE 4.93 129.11 758.51 -1.00 5.00 128.72 760.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4C MANE 4.93 130.01 759.26 -1.00 5.00 129.53 760.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4C MANE 4.94 130.29 750.14 -1.00 5.00 130.20 760.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4C MANE 4.94 128.69 760.76 -1.00 5.00 127.95 760.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4C MANE 4.94 127.51 761.50 -1.00 5.00 126.72 760.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4C MANE 4.95 126.65 762.24 -1.00 5.00 126.30 765.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4D MANE 1.37 215.75 771.54 -1.00 5.00 215.45 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4D MANE 1.37 213.89 772.18 -1.00 5.00 213.57 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4D MANE 1.38 212.12 771.48 -1.00 5.00 211.78 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4D MANE 1.38 210.27 772.15 -1.00 5.00 209.99 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT R4D MANE 1.38 208.54 771.39 -1.00 5.00 208.28 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4D	MANE	1.39	206.75	772.03	-1.00	5.00	206.57	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	2.87	921.35	761.44	1.57	5.00	919.05	760.00	1.57
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3022E+03 EXCESS=0.0000E+00 OUTFLOW=0.3022E+03 BASIN STORAGE=0.1715E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	2.88	911.03	763.20	1.54	5.00	908.64	760.00	1.54
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2961E+03 EXCESS=0.0000E+00 OUTFLOW=0.2961E+03 BASIN STORAGE=0.1488E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	2.89	903.09	762.66	1.51	5.00	895.68	760.00	1.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2902E+03 EXCESS=0.0000E+00 OUTFLOW=0.2902E+03 BASIN STORAGE=0.1608E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	2.90	890.00	763.07	1.48	5.00	885.27	760.00	1.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2843E+03 EXCESS=0.0000E+00 OUTFLOW=0.2843E+03 BASIN STORAGE=0.1328E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	2.91	878.24	763.16	1.45	5.00	874.47	760.00	1.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2784E+03 EXCESS=0.0000E+00 OUTFLOW=0.2784E+03 BASIN STORAGE=0.1629E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	2.92	870.30	762.54	1.42	5.00	865.57	765.00	1.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2726E+03 EXCESS=0.0000E+00 OUTFLOW=0.2726E+03 BASIN STORAGE=0.1689E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.75	116.64	806.25	-1.00	5.00	116.49	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.75	116.69	787.50	-1.00	5.00	116.32	800.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.75	116.22	806.25	-1.00	5.00	116.07	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.75	115.87	806.25	-1.00	5.00	115.83	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.50	115.66	808.50	-1.00	5.00	115.59	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.50	115.58	798.00	-1.00	5.00	115.41	800.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	4.37	1339.70	785.81	1.52	5.00	1338.56	785.00	1.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4808E+03 EXCESS=0.0000E+00 OUTFLOW=0.4808E+03 BASIN STORAGE=0.3159E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	4.38	1321.84	788.78	1.49	5.00	1320.50	785.00	1.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4717E+03 EXCESS=0.0000E+00 OUTFLOW=0.4717E+03 BASIN STORAGE=0.2598E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	4.40	1301.03	787.61	1.46	5.00	1299.81	785.00	1.46
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4623E+03 EXCESS=0.0000E+00 OUTFLOW=0.4623E+03 BASIN STORAGE=0.2806E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	4.42	1282.05	773.68	1.43	5.00	1281.48	775.00	1.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4530E+03 EXCESS=0.0000E+00 OUTFLOW=0.4531E+03 BASIN STORAGE=0.2826E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	4.44	1262.93	777.59	1.40	5.00	1262.78	775.00	1.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4439E+03 EXCESS=0.0000E+00 OUTFLOW=0.4439E+03 BASIN STORAGE=0.2778E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	4.46	1247.15	776.17	1.37	5.00	1246.30	775.00	1.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4350E+03 EXCESS=0.0000E+00 OUTFLOW=0.4350E+03 BASIN STORAGE=0.3216E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	4.69	94.49	750.40	2.03	5.00	94.10	750.00	2.03
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1080E+02 EXCESS=0.0000E+00 OUTFLOW=0.1080E+02 BASIN STORAGE=0.8886E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	4.71	92.43	749.10	1.99	5.00	92.13	750.00	1.99
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1062E+02 EXCESS=0.0000E+00 OUTFLOW=0.1062E+02 BASIN STORAGE=0.1040E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	4.73	90.02	752.57	1.95	5.00	89.62	750.00	1.95
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1042E+02 EXCESS=0.0000E+00 OUTFLOW=0.1042E+02 BASIN STORAGE=0.8767E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	4.76	89.15	751.34	1.92	5.00	88.32	750.00	1.92
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1025E+02 EXCESS=0.0000E+00 OUTFLOW=0.1025E+02 BASIN STORAGE=0.1017E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	4.78	88.23	750.15	1.89	5.00	88.08	750.00	1.89
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1009E+02 EXCESS=0.0000E+00 OUTFLOW=0.1009E+02 BASIN STORAGE=0.8478E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	4.80	85.80	748.98	1.86	5.00	85.56	750.00	1.86
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9898E+01 EXCESS=0.0000E+00 OUTFLOW=0.9899E+01 BASIN STORAGE=0.9791E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1	MANE	1.36	215.00	751.06	1.26	5.00	213.17	750.00	1.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2746E+02 EXCESS=0.0000E+00 OUTFLOW=0.2746E+02 BASIN STORAGE=0.3737E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1	MANE	1.37	209.54	751.86	1.23	5.00	208.24	750.00	1.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2689E+02 EXCESS=0.0000E+00 OUTFLOW=0.2689E+02 BASIN STORAGE=0.3436E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1	MANE	1.38	205.26	751.34	1.20	5.00	203.34	750.00	1.20
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2633E+02 EXCESS=0.0000E+00 OUTFLOW=0.2633E+02 BASIN STORAGE=0.3690E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1	MANE	1.39	199.85	750.88	1.18	5.00	198.09	750.00	1.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2576E+02 EXCESS=0.0000E+00 OUTFLOW=0.2576E+02 BASIN STORAGE=0.3841E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1	MANE	1.40	194.82	751.87	1.15	5.00	193.33	750.00	1.15
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2521E+02 EXCESS=0.0000E+00 OUTFLOW=0.2521E+02 BASIN STORAGE=0.3420E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1	MANE	1.41	190.39	751.53	1.13	5.00	188.50	750.00	1.13
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2465E+02 EXCESS=0.0000E+00 OUTFLOW=0.2465E+02 BASIN STORAGE=0.3473E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	4.77	230.09	754.14	1.36	5.00	229.35	755.00	1.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3189E+02 EXCESS=0.0000E+00 OUTFLOW=0.3190E+02 BASIN STORAGE=0.1556E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	4.80	225.48	753.90	1.33	5.00	224.44	755.00	1.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3124E+02 EXCESS=0.0000E+00 OUTFLOW=0.3125E+02 BASIN STORAGE=0.1559E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	4.83	220.94	753.71	1.30	5.00	219.65	755.00	1.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3061E+02 EXCESS=0.0000E+00 OUTFLOW=0.3061E+02 BASIN STORAGE=0.1554E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	4.86	216.88	753.93	1.28	5.00	215.41	755.00	1.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2999E+02 EXCESS=0.0000E+00 OUTFLOW=0.2999E+02 BASIN STORAGE=0.1399E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	4.89	211.87	753.77	1.25	5.00	210.29	755.00	1.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2937E+02 EXCESS=0.0000E+00 OUTFLOW=0.2938E+02 BASIN STORAGE=0.1388E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	4.93	206.82	753.76	1.23	5.00	205.31	755.00	1.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2876E+02 EXCESS=0.0000E+00 OUTFLOW=0.2876E+02 BASIN STORAGE=0.1343E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	4.15	69.94	738.46	2.92	5.00	69.73	740.00	2.92
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6231E+01 EXCESS=0.0000E+00 OUTFLOW=0.6226E+01 BASIN STORAGE=0.4028E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	4.16	69.84	740.33	2.88	5.00	69.32	740.00	2.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6146E+01 EXCESS=0.0000E+00 OUTFLOW=0.6140E+01 BASIN STORAGE=0.4169E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	4.17	67.80	742.23	2.84	5.00	67.55	740.00	2.84
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6065E+01 EXCESS=0.0000E+00 OUTFLOW=0.6060E+01 BASIN STORAGE=0.4253E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	4.18	68.30	739.99	2.80	5.00	68.29	740.00	2.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5989E+01 EXCESS=0.0000E+00 OUTFLOW=0.5984E+01 BASIN STORAGE=0.4315E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	4.19	66.23	741.94	2.76	5.00	65.58	740.00	2.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5899E+01 EXCESS=0.0000E+00 OUTFLOW=0.5894E+01 BASIN STORAGE=0.4370E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	4.20	66.61	739.72	2.73	5.00	66.46	740.00	2.74
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5830E+01 EXCESS=0.0000E+00 OUTFLOW=0.5825E+01 BASIN STORAGE=0.4405E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT L3B	MANE	2.17	236.87	743.40	2.83	5.00	198.63	745.00	2.83
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1811E+02 EXCESS=0.0000E+00 OUTFLOW=0.1812E+02 BASIN STORAGE=0.6049E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B	MANE	2.18	245.37	742.84	2.80	5.00	200.19	745.00	2.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1789E+02 EXCESS=0.0000E+00 OUTFLOW=0.1789E+02 BASIN STORAGE=0.5329E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B	MANE	2.21	238.35	741.80	2.76	5.00	192.63	745.00	2.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1764E+02 EXCESS=0.0000E+00 OUTFLOW=0.1764E+02 BASIN STORAGE=0.6191E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B	MANE	2.23	227.75	741.77	2.72	5.00	190.06	745.00	2.71
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1741E+02 EXCESS=0.0000E+00 OUTFLOW=0.1742E+02 BASIN STORAGE=0.5959E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B	MANE	2.28	222.02	742.20	2.68	5.00	187.85	745.00	2.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1717E+02 EXCESS=0.0000E+00 OUTFLOW=0.1718E+02 BASIN STORAGE=0.6277E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B	MANE	2.30	202.00	743.52	2.65	5.00	182.87	745.00	2.65
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1694E+02 EXCESS=0.0000E+00 OUTFLOW=0.1694E+02 BASIN STORAGE=0.5883E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.22	263.86	744.67	2.85	5.00	263.60	745.00	2.86
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2587E+02 EXCESS=0.0000E+00 OUTFLOW=0.2587E+02 BASIN STORAGE=0.3192E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.22	264.33	745.34	2.82	5.00	263.47	745.00	2.83
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2560E+02 EXCESS=0.0000E+00 OUTFLOW=0.2560E+02 BASIN STORAGE=0.3172E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.23	254.55	745.67	2.77	5.00	252.56	745.00	2.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2516E+02 EXCESS=0.0000E+00 OUTFLOW=0.2516E+02 BASIN STORAGE=0.3318E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.24	251.02	745.88	2.74	5.00	248.31	745.00	2.74
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2484E+02 EXCESS=0.0000E+00 OUTFLOW=0.2484E+02 BASIN STORAGE=0.3542E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.24	247.59	745.82	2.70	5.00	244.02	745.00	2.71
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2452E+02 EXCESS=0.0000E+00 OUTFLOW=0.2452E+02 BASIN STORAGE=0.3535E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.25	241.51	745.57	2.67	5.00	238.65	745.00	2.67
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2421E+02 EXCESS=0.0000E+00 OUTFLOW=0.2421E+02 BASIN STORAGE=0.3182E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.66	187.23	741.18	1.41	5.00	184.80	740.00	1.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1877E+02 EXCESS=0.0000E+00 OUTFLOW=0.1877E+02 BASIN STORAGE=0.7268E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.66	183.23	741.11	1.38	5.00	180.76	740.00	1.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1840E+02 EXCESS=0.0000E+00 OUTFLOW=0.1840E+02 BASIN STORAGE=0.7142E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.67	179.24	741.06	1.35	5.00	176.74	740.00	1.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1804E+02 EXCESS=0.0000E+00 OUTFLOW=0.1804E+02 BASIN STORAGE=0.7646E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.67	175.26	741.05	1.33	5.00	172.73	740.00	1.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1768E+02 EXCESS=0.0000E+00 OUTFLOW=0.1768E+02 BASIN STORAGE=0.7357E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.67	171.31	741.10	1.30	5.00	168.82	740.00	1.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1732E+02 EXCESS=0.0000E+00 OUTFLOW=0.1732E+02 BASIN STORAGE=0.7665E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.68	167.38	741.20	1.27	5.00	164.96	740.00	1.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1696E+02 EXCESS=0.0000E+00 OUTFLOW=0.1696E+02 BASIN STORAGE=0.7202E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	204.11	750.00	1.50	5.00	204.11	750.00	1.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2166E+02 EXCESS=0.0000E+00 OUTFLOW=0.2167E+02 BASIN STORAGE=0.2130E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	199.96	750.00	1.48	5.00	199.96	750.00	1.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2125E+02 EXCESS=0.0000E+00 OUTFLOW=0.2126E+02 BASIN STORAGE=0.2112E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	195.82	750.00	1.45	5.00	195.82	750.00	1.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2085E+02 EXCESS=0.0000E+00 OUTFLOW=0.2086E+02 BASIN STORAGE=0.2103E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	191.70	750.00	1.42	5.00	191.70	750.00	1.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2045E+02 EXCESS=0.0000E+00 OUTFLOW=0.2046E+02 BASIN STORAGE=0.2074E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	187.62	750.00	1.39	5.00	187.62	750.00	1.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2005E+02 EXCESS=0.0000E+00 OUTFLOW=0.2006E+02 BASIN STORAGE=0.2062E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	183.56	750.00	1.37	5.00	183.56	750.00	1.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1965E+02 EXCESS=0.0000E+00 OUTFLOW=0.1966E+02 BASIN STORAGE=0.2040E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	4.38	203.45	748.78	1.51	5.00	202.51	750.00	1.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2169E+02 EXCESS=0.0000E+00 OUTFLOW=0.2169E+02 BASIN STORAGE=0.2151E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	4.41	200.56	749.35	1.48	5.00	199.96	750.00	1.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2129E+02 EXCESS=0.0000E+00 OUTFLOW=0.2129E+02 BASIN STORAGE=0.1936E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	4.44	196.23	749.97	1.45	5.00	196.20	750.00	1.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2089E+02 EXCESS=0.0000E+00 OUTFLOW=0.2089E+02 BASIN STORAGE=0.2459E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2B MANE 4.47 191.18 750.66 1.42 5.00 189.09 750.00 1.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2047E+02 EXCESS=0.0000E+00 OUTFLOW=0.2047E+02 BASIN STORAGE=0.2069E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2B MANE 4.50 186.24 751.38 1.39 5.00 183.18 750.00 1.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2004E+02 EXCESS=0.0000E+00 OUTFLOW=0.2005E+02 BASIN STORAGE=0.1826E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2B MANE 4.53 181.37 752.16 1.36 5.00 178.66 750.00 1.36

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1963E+02 EXCESS=0.0000E+00 OUTFLOW=0.1963E+02 BASIN STORAGE=0.2172E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA MANE 1.00 110.82 740.77 1.86 5.00 110.26 740.00 1.86

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9936E+01 EXCESS=0.0000E+00 OUTFLOW=0.9936E+01 BASIN STORAGE=0.1805E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA MANE 1.00 108.76 741.15 1.83 5.00 108.34 740.00 1.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9768E+01 EXCESS=0.0000E+00 OUTFLOW=0.9768E+01 BASIN STORAGE=0.1805E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA MANE 1.00 106.81 740.55 1.80 5.00 106.43 740.00 1.80

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9601E+01 EXCESS=0.0000E+00 OUTFLOW=0.9601E+01 BASIN STORAGE=0.1802E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA MANE 1.01 105.20 740.99 1.77 5.00 104.52 740.00 1.77

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9435E+01 EXCESS=0.0000E+00 OUTFLOW=0.9435E+01 BASIN STORAGE=0.1767E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA MANE 1.01 102.91 740.47 1.74 5.00 102.61 740.00 1.74

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9267E+01 EXCESS=0.0000E+00 OUTFLOW=0.9267E+01 BASIN STORAGE=0.1909E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA MANE 1.02 101.38 741.01 1.71 5.00 100.73 740.00 1.71

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9103E+01 EXCESS=0.0000E+00 OUTFLOW=0.9103E+01 BASIN STORAGE=0.1860E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.69	50.17	731.44	1.56	5.00	50.00	740.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8339E+01 EXCESS=0.0000E+00 OUTFLOW=0.8339E+01 BASIN STORAGE=0.5896E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.69	50.19	731.44	1.55	5.00	50.00	740.00	1.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8240E+01 EXCESS=0.0000E+00 OUTFLOW=0.8240E+01 BASIN STORAGE=0.5781E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.69	50.20	731.44	1.53	5.00	50.00	740.00	1.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8138E+01 EXCESS=0.0000E+00 OUTFLOW=0.8138E+01 BASIN STORAGE=0.5724E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.69	50.22	731.44	1.51	5.00	50.00	740.00	1.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8034E+01 EXCESS=0.0000E+00 OUTFLOW=0.8034E+01 BASIN STORAGE=0.6089E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.69	50.23	731.44	1.49	5.00	50.00	740.00	1.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7931E+01 EXCESS=0.0000E+00 OUTFLOW=0.7931E+01 BASIN STORAGE=0.5963E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.69	50.24	731.44	1.47	5.00	50.00	740.00	1.47
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7828E+01 EXCESS=0.0000E+00 OUTFLOW=0.7828E+01 BASIN STORAGE=0.5899E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1A	MANE	5.00	53.04	740.00	1.56	5.00	53.04	740.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8341E+01 EXCESS=0.0000E+00 OUTFLOW=0.8344E+01 BASIN STORAGE=0.1813E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1A	MANE	5.00	53.01	740.00	1.55	5.00	53.01	740.00	1.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8242E+01 EXCESS=0.0000E+00 OUTFLOW=0.8245E+01 BASIN STORAGE=0.1795E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1A	MANE	5.00	52.96	740.00	1.53	5.00	52.96	740.00	1.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8139E+01 EXCESS=0.0000E+00 OUTFLOW=0.8142E+01 BASIN STORAGE=0.1784E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1A	MANE	5.00	52.92	740.00	1.51	5.00	52.92	740.00	1.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8036E+01 EXCESS=0.0000E+00 OUTFLOW=0.8038E+01 BASIN STORAGE=0.1770E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A	MANE	5.00	52.88	740.00	1.49	5.00	52.88	740.00	1.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7933E+01 EXCESS=0.0000E+00 OUTFLOW=0.7935E+01 BASIN STORAGE=0.1753E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A	MANE	5.00	52.84	740.00	1.47	5.00	52.84	740.00	1.47
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7830E+01 EXCESS=0.0000E+00 OUTFLOW=0.7832E+01 BASIN STORAGE=0.1735E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	1.63	154.45	811.21	1.17	5.00	154.43	810.00	1.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7778E+02 EXCESS=0.0000E+00 OUTFLOW=0.7778E+02 BASIN STORAGE=0.3894E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	1.63	153.81	810.49	1.15	5.00	153.80	810.00	1.15
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7678E+02 EXCESS=0.0000E+00 OUTFLOW=0.7678E+02 BASIN STORAGE=0.3699E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	1.64	153.19	811.42	1.14	5.00	153.17	810.00	1.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7577E+02 EXCESS=0.0000E+00 OUTFLOW=0.7578E+02 BASIN STORAGE=0.3968E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	1.64	152.55	810.70	1.12	5.00	152.54	810.00	1.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7478E+02 EXCESS=0.0000E+00 OUTFLOW=0.7478E+02 BASIN STORAGE=0.3784E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	1.64	151.95	811.62	1.11	5.00	151.91	810.00	1.11
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7375E+02 EXCESS=0.0000E+00 OUTFLOW=0.7375E+02 BASIN STORAGE=0.4049E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4 MANE 1.64 151.31 810.90 1.09 5.00 151.29 810.00 1.09

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7274E+02 EXCESS=0.0000E+00 OUTFLOW=0.7274E+02 BASIN STORAGE=0.3912E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.11 64.57 811.30 0.83 5.00 64.57 810.00 0.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5636E+02 EXCESS=0.0000E+00 OUTFLOW=0.5636E+02 BASIN STORAGE=0.1992E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.11 64.39 810.82 0.83 5.00 64.39 810.00 0.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5593E+02 EXCESS=0.0000E+00 OUTFLOW=0.5593E+02 BASIN STORAGE=0.2097E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.11 64.21 811.44 0.82 5.00 64.21 810.00 0.82

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5550E+02 EXCESS=0.0000E+00 OUTFLOW=0.5550E+02 BASIN STORAGE=0.2027E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.11 64.03 810.96 0.81 5.00 64.03 810.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5506E+02 EXCESS=0.0000E+00 OUTFLOW=0.5506E+02 BASIN STORAGE=0.2117E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.11 63.93 811.33 0.81 5.00 63.93 810.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5462E+02 EXCESS=0.0000E+00 OUTFLOW=0.5462E+02 BASIN STORAGE=0.2133E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.11 63.84 811.62 0.80 5.00 63.84 810.00 0.80

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5418E+02 EXCESS=0.0000E+00 OUTFLOW=0.5418E+02 BASIN STORAGE=0.2024E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.23 62.77 730.27 0.81 5.00 62.59 730.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5528E+02 EXCESS=0.0000E+00 OUTFLOW=0.5528E+02 BASIN STORAGE=0.2372E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.23 62.54 730.63 0.80 5.00 62.34 730.00 0.80

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5488E+02 EXCESS=0.0000E+00 OUTFLOW=0.5488E+02 BASIN STORAGE=0.2370E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B	MANE	1.23	62.45	729.84	0.80	5.00	62.43	730.00	0.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5449E+02 EXCESS=0.0000E+00 OUTFLOW=0.5449E+02 BASIN STORAGE=0.2181E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B	MANE	1.23	62.36	730.20	0.79	5.00	62.19	730.00	0.79
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5409E+02 EXCESS=0.0000E+00 OUTFLOW=0.5409E+02 BASIN STORAGE=0.2369E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B	MANE	1.23	62.11	730.66	0.79	5.00	61.86	730.00	0.79
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5369E+02 EXCESS=0.0000E+00 OUTFLOW=0.5369E+02 BASIN STORAGE=0.2349E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B	MANE	1.23	61.98	732.26	0.78	5.00	61.92	730.00	0.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5328E+02 EXCESS=0.0000E+00 OUTFLOW=0.5328E+02 BASIN STORAGE=0.2192E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A	MANE	1.34	14.51	726.99	2.83	5.00	12.85	725.00	2.84
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7553E+00 EXCESS=0.0000E+00 OUTFLOW=0.7553E+00 BASIN STORAGE=0.8680E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A	MANE	1.34	14.23	726.15	2.80	5.00	12.74	725.00	2.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7461E+00 EXCESS=0.0000E+00 OUTFLOW=0.7461E+00 BASIN STORAGE=0.9318E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A	MANE	1.34	14.24	726.66	2.76	5.00	12.50	725.00	2.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7358E+00 EXCESS=0.0000E+00 OUTFLOW=0.7358E+00 BASIN STORAGE=0.9790E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A	MANE	1.35	13.90	727.21	2.72	5.00	12.37	725.00	2.73
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7261E+00 EXCESS=0.0000E+00 OUTFLOW=0.7261E+00 BASIN STORAGE=0.1021E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.35 13.92 726.42 2.69 5.00 12.23 725.00 2.69

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7167E+00 EXCESS=0.0000E+00 OUTFLOW=0.7167E+00 BASIN STORAGE=0.1049E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.35 13.60 727.00 2.65 5.00 12.01 725.00 2.65

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7062E+00 EXCESS=0.0000E+00 OUTFLOW=0.7062E+00 BASIN STORAGE=0.1081E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.86 94.99 731.52 0.84 5.00 94.79 735.00 0.84

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5822E+02 EXCESS=0.0000E+00 OUTFLOW=0.5822E+02 BASIN STORAGE=0.8230E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.86 94.40 731.56 0.83 5.00 94.20 735.00 0.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5778E+02 EXCESS=0.0000E+00 OUTFLOW=0.5778E+02 BASIN STORAGE=0.8220E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.86 93.88 731.57 0.82 5.00 93.64 735.00 0.82

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5734E+02 EXCESS=0.0000E+00 OUTFLOW=0.5734E+02 BASIN STORAGE=0.8505E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.86 93.24 731.59 0.82 5.00 93.06 735.00 0.82

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5690E+02 EXCESS=0.0000E+00 OUTFLOW=0.5690E+02 BASIN STORAGE=0.8527E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.86 92.53 731.73 0.81 5.00 92.38 735.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5645E+02 EXCESS=0.0000E+00 OUTFLOW=0.5645E+02 BASIN STORAGE=0.8468E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.87 92.05 731.73 0.80 5.00 91.85 735.00 0.80

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5600E+02 EXCESS=0.0000E+00 OUTFLOW=0.5600E+02 BASIN STORAGE=0.8072E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB MANE 1.97 94.45 737.00 0.84 5.00 93.97 735.00 0.84

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5822E+02 EXCESS=0.0000E+00 OUTFLOW=0.5822E+02 BASIN STORAGE=0.3992E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	1.97	93.63	734.33	0.83	5.00	93.54	735.00	0.83
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5778E+02 EXCESS=0.0000E+00 OUTFLOW=0.5778E+02 BASIN STORAGE=0.4213E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	1.97	93.19	737.51	0.82	5.00	92.72	735.00	0.82
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5734E+02 EXCESS=0.0000E+00 OUTFLOW=0.5734E+02 BASIN STORAGE=0.4449E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	1.98	92.61	736.81	0.82	5.00	92.26	735.00	0.82
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5690E+02 EXCESS=0.0000E+00 OUTFLOW=0.5690E+02 BASIN STORAGE=0.3924E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	1.98	91.75	734.37	0.81	5.00	91.68	735.00	0.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5646E+02 EXCESS=0.0000E+00 OUTFLOW=0.5646E+02 BASIN STORAGE=0.3928E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	1.98	91.40	737.53	0.80	5.00	90.87	735.00	0.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5601E+02 EXCESS=0.0000E+00 OUTFLOW=0.5601E+02 BASIN STORAGE=0.4273E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC	MANE	2.43	35.72	809.28	3.72	5.00	35.72	810.00	3.72
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7931E+01 EXCESS=0.0000E+00 OUTFLOW=0.7932E+01 BASIN STORAGE=0.3178E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC	MANE	2.43	35.61	809.96	3.65	5.00	35.61	810.00	3.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7777E+01 EXCESS=0.0000E+00 OUTFLOW=0.7777E+01 BASIN STORAGE=0.3467E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC	MANE	2.43	35.49	810.63	3.57	5.00	35.49	810.00	3.57
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7615E+01 EXCESS=0.0000E+00 OUTFLOW=0.7615E+01 BASIN STORAGE=0.3091E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 2.44 35.38 811.31 3.49 5.00 35.37 810.00 3.49

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7450E+01 EXCESS=0.0000E+00 OUTFLOW=0.7450E+01 BASIN STORAGE=0.3371E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 2.44 35.26 809.55 3.42 5.00 35.26 810.00 3.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7300E+01 EXCESS=0.0000E+00 OUTFLOW=0.7300E+01 BASIN STORAGE=0.3609E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 2.44 35.15 810.22 3.35 5.00 35.15 810.00 3.34

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7137E+01 EXCESS=0.0000E+00 OUTFLOW=0.7137E+01 BASIN STORAGE=0.3281E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 0.80 35.72 810.68 3.72 5.00 35.72 810.00 3.72

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7933E+01 EXCESS=0.0000E+00 OUTFLOW=0.7933E+01 BASIN STORAGE=0.6492E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 0.80 35.61 811.20 3.64 5.00 35.60 810.00 3.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7773E+01 EXCESS=0.0000E+00 OUTFLOW=0.7773E+01 BASIN STORAGE=0.6301E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 0.80 35.49 810.94 3.57 5.00 35.48 810.00 3.57

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7616E+01 EXCESS=0.0000E+00 OUTFLOW=0.7616E+01 BASIN STORAGE=0.6592E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 0.80 35.37 810.67 3.49 5.00 35.37 810.00 3.49

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7449E+01 EXCESS=0.0000E+00 OUTFLOW=0.7449E+01 BASIN STORAGE=0.6395E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 0.80 35.26 811.20 3.42 5.00 35.26 810.00 3.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7298E+01 EXCESS=0.0000E+00 OUTFLOW=0.7298E+01 BASIN STORAGE=0.6541E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 0.80 35.15 810.92 3.34 5.00 35.14 810.00 3.35

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7134E+01 EXCESS=0.0000E+00 OUTFLOW=0.7134E+01 BASIN STORAGE=0.6497E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AW1	MANE	1.91	131.99	811.22	-1.00	5.00	131.97	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AW1	MANE	1.94	125.72	811.55	-1.00	5.00	125.71	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AW1	MANE	1.97	119.50	810.29	-1.00	5.00	119.46	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AW1	MANE	2.00	113.28	811.39	-1.00	5.00	113.23	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AW1	MANE	2.03	107.10	810.93	-1.00	5.00	107.02	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AW1	MANE	2.07	100.96	810.95	-1.00	5.00	100.87	810.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	0.99	138.80	836.40	1.81	5.00	138.76	840.00	1.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3480E+02 EXCESS=0.0000E+00 OUTFLOW=0.3480E+02 BASIN STORAGE=0.2155E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.00	136.92	836.46	1.75	5.00	136.91	835.00	1.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3355E+02 EXCESS=0.0000E+00 OUTFLOW=0.3355E+02 BASIN STORAGE=0.2115E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.00	135.08	835.52	1.68	5.00	135.08	835.00	1.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3233E+02 EXCESS=0.0000E+00 OUTFLOW=0.3233E+02 BASIN STORAGE=0.2064E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.01	133.35	831.42	1.62	5.00	133.32	835.00	1.62
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3111E+02 EXCESS=0.0000E+00 OUTFLOW=0.3111E+02 BASIN STORAGE=0.2150E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE MANE 1.01 131.72 831.14 1.56 5.00 131.71 830.00 1.56

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2992E+02 EXCESS=0.0000E+00 OUTFLOW=0.2992E+02 BASIN STORAGE=0.2064E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE MANE 1.01 130.13 829.84 1.50 5.00 130.13 830.00 1.50

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2875E+02 EXCESS=0.0000E+00 OUTFLOW=0.2875E+02 BASIN STORAGE=0.2099E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWF MANE 3.05 93.77 841.14 0.77 5.00 93.76 840.00 0.77

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1470E+02 EXCESS=0.0000E+00 OUTFLOW=0.1470E+02 BASIN STORAGE=0.7114E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWF MANE 3.06 91.87 839.24 0.72 5.00 91.86 840.00 0.72

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1382E+02 EXCESS=0.0000E+00 OUTFLOW=0.1382E+02 BASIN STORAGE=0.7893E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWF MANE 3.08 90.07 837.32 0.68 5.00 90.01 835.00 0.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1296E+02 EXCESS=0.0000E+00 OUTFLOW=0.1297E+02 BASIN STORAGE=0.8272E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWF MANE 3.09 88.32 835.29 0.63 5.00 88.31 835.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1210E+02 EXCESS=0.0000E+00 OUTFLOW=0.1211E+02 BASIN STORAGE=0.8990E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWF MANE 3.11 86.70 832.96 0.59 5.00 86.67 835.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1126E+02 EXCESS=0.0000E+00 OUTFLOW=0.1126E+02 BASIN STORAGE=0.4736E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWF MANE 3.12 85.10 830.57 0.54 5.00 85.09 830.00 0.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1044E+02 EXCESS=0.0000E+00 OUTFLOW=0.1044E+02 BASIN STORAGE=0.5334E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWA MANE 1.22 91.49 810.95 -1.00 5.00 91.49 810.00 -1.00

FOR PLAN = 1 RATIO= 0.00									
RT AWA	MANE	1.22	91.02	810.79	-1.00	5.00	91.01	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWA	MANE	1.22	90.55	810.63	-1.00	5.00	90.54	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWA	MANE	1.22	90.08	810.47	-1.00	5.00	90.07	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWA	MANE	1.23	89.54	810.47	-1.00	5.00	89.53	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWA	MANE	1.23	88.98	810.52	-1.00	5.00	88.97	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWB	MANE	1.90	75.83	811.69	-1.00	5.00	75.80	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWB	MANE	1.90	75.39	812.86	-1.00	5.00	75.36	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWB	MANE	1.90	74.97	812.13	-1.00	5.00	74.93	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWB	MANE	1.90	74.53	813.30	-1.00	5.00	74.50	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWB	MANE	1.91	74.04	812.76	-1.00	5.00	74.00	810.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT AWB	MANE	1.91	73.54	812.26	-1.00	5.00	73.49	815.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT RSC	MANE	2.25	203.47	735.75	1.41	5.00	196.84	735.00	1.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3841E+02 EXCESS=0.0000E+00 OUTFLOW=0.3842E+02 BASIN STORAGE=0.1454E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RSC	MANE	2.00	202.27	736.00	1.36	5.00	195.86	735.00	1.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3702E+02 EXCESS=0.0000E+00 OUTFLOW=0.3703E+02 BASIN STORAGE=0.1312E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RSC	MANE	1.50	193.97	736.50	1.31	5.00	192.85	735.00	1.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3563E+02 EXCESS=0.0000E+00 OUTFLOW=0.3564E+02 BASIN STORAGE=0.1406E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RSC	MANE	2.25	193.43	735.75	1.26	5.00	186.85	735.00	1.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3424E+02 EXCESS=0.0000E+00 OUTFLOW=0.3425E+02 BASIN STORAGE=0.2014E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RSC	MANE	1.75	187.91	735.00	1.21	5.00	187.91	735.00	1.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3289E+02 EXCESS=0.0000E+00 OUTFLOW=0.3290E+02 BASIN STORAGE=0.1291E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RSC	MANE	1.50	184.26	736.50	1.16	5.00	182.79	735.00	1.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3153E+02 EXCESS=0.0000E+00 OUTFLOW=0.3154E+02 BASIN STORAGE=0.1472E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 1.00

RT RSA	MANE	1.23	18.78	731.95	-1.00	5.00	16.75	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.99

RT RSA	MANE	1.25	18.38	732.21	-1.00	5.00	15.77	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.98

RT RSA	MANE	1.28	17.93	732.44	-1.00	5.00	14.86	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.97

RT RSA	MANE	1.30	17.32	732.74	-1.00	5.00	14.30	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.96

RT RSA	MANE	1.33	16.39	733.02	-1.00	5.00	13.89	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.95
RT RSA MANE 1.18 16.16 732.83 -1.00 5.00 13.47 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT RSB MANE 4.00 15.65 816.00 -1.00 5.00 15.65 815.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT RSB MANE 3.75 15.61 813.75 -1.00 5.00 15.61 815.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT RSB MANE 3.75 15.57 813.75 -1.00 5.00 15.57 815.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT RSB MANE 4.00 15.53 816.00 -1.00 5.00 15.52 815.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT RSB MANE 4.00 15.48 816.00 -1.00 5.00 15.48 815.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT RSB MANE 4.00 15.43 816.00 -1.00 5.00 15.43 815.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT SDC MANE 2.35 270.44 739.45 1.82 5.00 266.04 740.00 1.82

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5247E+02 EXCESS=0.0000E+00 OUTFLOW=0.5247E+02 BASIN STORAGE=0.6659E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00
RT SDC MANE 2.36 265.22 737.43 1.76 5.00 262.61 740.00 1.76

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5080E+02 EXCESS=0.0000E+00 OUTFLOW=0.5080E+02 BASIN STORAGE=0.7751E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00
RT SDC MANE 2.37 261.23 738.60 1.71 5.00 254.72 740.00 1.71

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4914E+02 EXCESS=0.0000E+00 OUTFLOW=0.4914E+02 BASIN STORAGE=0.7680E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDC MANE 2.39 254.33 739.27 1.65 5.00 249.19 740.00 1.65

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4745E+02 EXCESS=0.0000E+00 OUTFLOW=0.4745E+02 BASIN STORAGE=0.6617E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDC MANE 2.39 252.79 739.57 1.59 5.00 248.98 740.00 1.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4587E+02 EXCESS=0.0000E+00 OUTFLOW=0.4587E+02 BASIN STORAGE=0.7792E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDC MANE 2.41 247.29 737.47 1.53 5.00 244.91 740.00 1.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4420E+02 EXCESS=0.0000E+00 OUTFLOW=0.4420E+02 BASIN STORAGE=0.7311E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.39 45.11 763.23 -1.00 5.00 45.00 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.39 45.13 763.23 -1.00 5.00 45.00 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.39 45.15 763.23 -1.00 5.00 45.00 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.39 45.17 763.23 -1.00 5.00 45.00 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.39 45.19 763.23 -1.00 5.00 45.00 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.39 45.06 766.01 -1.00 5.00 45.00 775.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 3.29 76.35 828.92 -1.00 5.00 76.35 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 3.29 76.33 829.00 -1.00 5.00 76.33 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT I1A MANE 3.29 76.30 825.79 -1.00 5.00 76.30 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT I1A MANE 3.29 76.28 825.87 -1.00 5.00 76.28 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT I1A MANE 3.29 76.26 825.94 -1.00 5.00 76.26 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT I1A MANE 3.29 76.24 822.72 -1.00 5.00 76.24 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT S12 MANE 2.16 47.38 830.78 -1.00 5.00 47.38 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT S12 MANE 2.16 47.37 828.64 -1.00 5.00 47.37 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT S12 MANE 2.16 47.37 828.66 -1.00 5.00 47.37 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT S12 MANE 2.16 47.37 828.67 -1.00 5.00 47.37 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT S12 MANE 2.16 47.36 826.53 -1.00 5.00 47.36 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT S12 MANE 2.16 47.36 826.54 -1.00 5.00 47.36 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00
RT T1A MANE 1.13 48.61 766.72 58.75 5.00 48.55 765.00 58.75

CC UTILITY SUMMARY (AC-FT) - INFLOW=0.3133E+02 EXCESS=0.0000E+00 OUTFLOW=0.3133E+02 BASIN STORAGE=0.9497E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00
RT T1A MANE 1.13 48.53 766.98 57.88 5.00 48.46 770.00 57.88

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3087E+02 EXCESS=0.0000E+00 OUTFLOW=0.3087E+02 BASIN STORAGE=0.9799E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.13	48.46	767.23	57.01	5.00	48.41	770.00	57.01
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3040E+02 EXCESS=0.0000E+00 OUTFLOW=0.3040E+02 BASIN STORAGE=0.9242E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.13	48.39	767.50	56.14	5.00	48.36	770.00	56.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2994E+02 EXCESS=0.0000E+00 OUTFLOW=0.2994E+02 BASIN STORAGE=0.9506E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.13	48.32	769.97	55.28	5.00	48.32	770.00	55.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2948E+02 EXCESS=0.0000E+00 OUTFLOW=0.2948E+02 BASIN STORAGE=0.9714E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.13	48.27	771.25	54.45	5.00	48.25	770.00	54.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2904E+02 EXCESS=0.0000E+00 OUTFLOW=0.2904E+02 BASIN STORAGE=0.9385E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.17	48.57	769.47	58.75	5.00	48.55	770.00	58.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3133E+02 EXCESS=0.0000E+00 OUTFLOW=0.3133E+02 BASIN STORAGE=0.3897E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.17	48.48	769.90	57.88	5.00	48.47	770.00	57.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3087E+02 EXCESS=0.0000E+00 OUTFLOW=0.3087E+02 BASIN STORAGE=0.4128E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.18	48.40	770.10	57.01	5.00	48.40	770.00	57.01
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3040E+02 EXCESS=0.0000E+00 OUTFLOW=0.3040E+02 BASIN STORAGE=0.3991E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.18	48.34	772.49	56.14	5.00	48.32	775.00	56.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2994E+02 EXCESS=0.0000E+00 OUTFLOW=0.2994E+02 BASIN STORAGE=0.3841E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.18	48.30	772.70	55.28	5.00	48.29	775.00	55.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2948E+02 EXCESS=0.0000E+00 OUTFLOW=0.2948E+02 BASIN STORAGE=0.4112E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.18	48.26	772.97	54.45	5.00	48.24	775.00	54.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2904E+02 EXCESS=0.0000E+00 OUTFLOW=0.2904E+02 BASIN STORAGE=0.3963E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 1.00

RT LEB	MANE	2.51	58.49	744.11	-1.00	5.00	58.04	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.99

RT LEB	MANE	2.53	56.80	744.26	-1.00	5.00	56.32	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.98

RT LEB	MANE	2.55	55.12	744.43	-1.00	5.00	54.67	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.97

RT LEB	MANE	2.56	53.46	744.60	-1.00	5.00	53.07	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.96

RT LEB	MANE	2.58	51.81	744.78	-1.00	5.00	51.57	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.95

RT LEB	MANE	2.60	50.19	744.97	-1.00	5.00	50.15	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	465.00	745.00	1.43	5.00	465.00	745.00	1.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1560E+03 EXCESS=0.0000E+00 OUTFLOW=0.1561E+03 BASIN STORAGE=0.3244E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	459.68	745.00	1.41	5.00	459.68	745.00	1.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1533E+03 EXCESS=0.0000E+00 OUTFLOW=0.1534E+03 BASIN STORAGE=0.3204E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	450.73	745.00	1.38	5.00	450.73	745.00	1.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1506E+03 EXCESS=0.0000E+00 OUTFLOW=0.1506E+03 BASIN STORAGE=0.3160E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	444.98	745.00	1.36	5.00	444.98	745.00	1.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1478E+03 EXCESS=0.0000E+00 OUTFLOW=0.1478E+03 BASIN STORAGE=0.3125E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	444.34	745.00	1.33	5.00	444.34	745.00	1.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1452E+03 EXCESS=0.0000E+00 OUTFLOW=0.1452E+03 BASIN STORAGE=0.3092E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	438.21	745.00	1.31	5.00	438.21	745.00	1.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1425E+03 EXCESS=0.0000E+00 OUTFLOW=0.1425E+03 BASIN STORAGE=0.3062E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1B	MANE	1.75	214.61	749.00	-1.00	5.00	211.93	750.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C1B	MANE	1.75	210.24	749.00	-1.00	5.00	207.75	750.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C1B	MANE	1.75	205.86	749.00	-1.00	5.00	203.61	750.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C1B	MANE	1.75	201.89	749.00	-1.00	5.00	199.64	750.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C1B	MANE	1.75	197.58	749.00	-1.00	5.00	195.59	750.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C1B	MANE	1.75	193.41	749.00	-1.00	5.00	191.63	750.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	2.28	937.65	747.01	1.56	5.00	921.23	750.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1992E+03 EXCESS=0.0000E+00 OUTFLOW=0.1992E+03 BASIN STORAGE=0.1408E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	2.29	924.20	748.18	1.53	5.00	907.19	750.00	1.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1957E+03 EXCESS=0.0000E+00 OUTFLOW=0.1957E+03 BASIN STORAGE=0.1448E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	2.30	908.03	748.03	1.50	5.00	892.83	750.00	1.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1922E+03 EXCESS=0.0000E+00 OUTFLOW=0.1922E+03 BASIN STORAGE=0.1541E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	2.31	892.23	747.03	1.48	5.00	879.18	750.00	1.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1888E+03 EXCESS=0.0000E+00 OUTFLOW=0.1888E+03 BASIN STORAGE=0.1553E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	2.32	883.45	747.09	1.45	5.00	869.09	750.00	1.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1855E+03 EXCESS=0.0000E+00 OUTFLOW=0.1855E+03 BASIN STORAGE=0.1645E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	2.33	868.60	748.56	1.43	5.00	853.60	750.00	1.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1820E+03 EXCESS=0.0000E+00 OUTFLOW=0.1820E+03 BASIN STORAGE=0.1619E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	3.50	920.27	749.91	1.56	5.00	920.07	750.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1992E+03 EXCESS=0.0000E+00 OUTFLOW=0.1992E+03 BASIN STORAGE=0.2741E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	3.52	903.38	750.10	1.53	5.00	902.03	750.00	1.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1957E+03 EXCESS=0.0000E+00 OUTFLOW=0.1957E+03 BASIN STORAGE=0.2918E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	3.54	887.09	750.43	1.50	5.00	882.59	750.00	1.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1922E+03 EXCESS=0.0000E+00 OUTFLOW=0.1922E+03 BASIN STORAGE=0.2371E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D MANE 3.56 875.49 750.61 1.48 5.00 870.00 750.00 1.48

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1888E+03 EXCESS=0.0000E+00 OUTFLOW=0.1888E+03 BASIN STORAGE=0.2568E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D MANE 3.57 867.01 749.83 1.45 5.00 866.77 750.00 1.45

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1855E+03 EXCESS=0.0000E+00 OUTFLOW=0.1855E+03 BASIN STORAGE=0.2560E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D MANE 3.59 847.82 750.60 1.42 5.00 841.77 750.00 1.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1820E+03 EXCESS=0.0000E+00 OUTFLOW=0.1820E+03 BASIN STORAGE=0.2539E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.20 724.15 -1.00 5.00 21.10 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.20 724.15 -1.00 5.00 21.10 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.21 724.15 -1.00 5.00 21.10 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.22 724.15 -1.00 5.00 21.11 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.23 724.15 -1.00 5.00 21.11 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.23 724.15 -1.00 5.00 21.11 725.00 -1.00

FOR PLAN = 1 RATIO= 1.00

RT T1E MANE 1.83 61.19 734.08 -1.00 5.00 60.01 735.00 -1.00

FOR PLAN = 1 RATIO= 0.99

RT T1E MANE 1.83 59.92 734.18 -1.00 5.00 58.87 735.00 -1.00

FOR PLAN = 1 RATIO= 0.98

RT T1E	MANE	1.83	58.65	734.27	-1.00	5.00	57.74	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.97

RT T1E	MANE	1.84	57.38	734.37	-1.00	5.00	56.61	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.96

RT T1E	MANE	1.84	56.12	734.47	-1.00	5.00	55.49	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.95

RT T1E	MANE	1.85	54.89	734.58	-1.00	5.00	54.39	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2A	MANE	1.45	103.57	737.66	14.37	5.00	99.41	740.00	14.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1532E+02 EXCESS=0.0000E+00 OUTFLOW=0.1532E+02 BASIN STORAGE=0.2436E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A	MANE	1.45	102.19	737.37	14.05	5.00	98.11	740.00	14.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1498E+02 EXCESS=0.0000E+00 OUTFLOW=0.1498E+02 BASIN STORAGE=0.2481E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A	MANE	1.46	100.88	737.09	13.74	5.00	96.53	740.00	13.74
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1465E+02 EXCESS=0.0000E+00 OUTFLOW=0.1465E+02 BASIN STORAGE=0.2295E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A	MANE	1.46	99.61	736.84	13.44	5.00	95.05	740.00	13.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1434E+02 EXCESS=0.0000E+00 OUTFLOW=0.1434E+02 BASIN STORAGE=0.2333E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A	MANE	1.47	98.32	736.60	13.16	5.00	93.72	740.00	13.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1403E+02 EXCESS=0.0000E+00 OUTFLOW=0.1403E+02 BASIN STORAGE=0.2382E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A	MANE	1.48	96.45	736.33	12.88	5.00	92.55	740.00	12.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1374E+02 EXCESS=0.0000E+00 OUTFLOW=0.1374E+02 BASIN STORAGE=0.2420E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	108.87	750.00	14.38	5.00	108.87	750.00	14.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1533E+02 EXCESS=0.0000E+00 OUTFLOW=0.1533E+02 BASIN STORAGE=0.2029E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	107.30	750.00	14.06	5.00	107.30	750.00	14.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1499E+02 EXCESS=0.0000E+00 OUTFLOW=0.1499E+02 BASIN STORAGE=0.2012E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	105.82	750.00	13.75	5.00	105.82	750.00	13.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1466E+02 EXCESS=0.0000E+00 OUTFLOW=0.1466E+02 BASIN STORAGE=0.2003E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	104.31	750.00	13.45	5.00	104.31	750.00	13.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1434E+02 EXCESS=0.0000E+00 OUTFLOW=0.1435E+02 BASIN STORAGE=0.1988E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	102.69	750.00	13.17	5.00	102.69	750.00	13.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1404E+02 EXCESS=0.0000E+00 OUTFLOW=0.1404E+02 BASIN STORAGE=0.1973E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	100.98	750.00	12.89	5.00	100.98	750.00	12.89
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1374E+02 EXCESS=0.0000E+00 OUTFLOW=0.1375E+02 BASIN STORAGE=0.1960E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.11	718.88	-1.00	5.00	18.07	720.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.04	718.88	-1.00	5.00	18.04	720.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.08	723.26	-1.00	5.00	18.03	725.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E MANE 4.38 18.13 723.26 -1.00 5.00 18.05 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T2E MANE 4.38 18.18 723.26 -1.00 5.00 18.07 725.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T2E MANE 4.38 18.23 723.26 -1.00 5.00 18.09 725.00 -1.00

FOR PLAN = 1 RATIO= 1.00

RT MO1 MANE 1.40 442.93 752.65 1.21 5.00 439.77 755.00 1.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2713E+02 EXCESS=0.0000E+00 OUTFLOW=0.2717E+02 BASIN STORAGE=0.3730E-05 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.99

RT MO1 MANE 1.41 437.32 752.82 1.19 5.00 432.88 755.00 1.19

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2661E+02 EXCESS=0.0000E+00 OUTFLOW=0.2665E+02 BASIN STORAGE=0.2961E-05 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.98

RT MO1 MANE 1.33 430.55 752.68 1.17 5.00 425.99 755.00 1.16

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2608E+02 EXCESS=0.0000E+00 OUTFLOW=0.2612E+02 BASIN STORAGE=0.3195E-05 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.97

RT MO1 MANE 1.34 423.13 752.87 1.14 5.00 419.17 755.00 1.14

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2556E+02 EXCESS=0.0000E+00 OUTFLOW=0.2559E+02 BASIN STORAGE=0.3854E-05 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.96

RT MO1 MANE 1.35 415.65 753.07 1.12 5.00 412.38 755.00 1.12

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2504E+02 EXCESS=0.0000E+00 OUTFLOW=0.2507E+02 BASIN STORAGE=0.2989E-05 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.95

RT MO1 MANE 1.35 408.14 753.27 1.10 5.00 405.53 755.00 1.10

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2453E+02 EXCESS=0.0000E+00 OUTFLOW=0.2456E+02 BASIN STORAGE=0.3665E-05 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 1.00

RT MO2 MANE 5.00 558.22 768.56 1.20 5.00 549.90 765.00 1.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3489E+02 EXCESS=0.0000E+00 OUTFLOW=0.3597E+02 BASIN STORAGE=0.3554E-03 PERCENT ERROR= -3.1

FOR PLAN = 1 RATIO= 0.99

RT MO2	MANE	5.00	548.74	768.81	1.18	5.00	540.75	765.00	1.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3421E+02 EXCESS=0.0000E+00 OUTFLOW=0.3531E+02 BASIN STORAGE=0.3528E-03 PERCENT ERROR= -3.2

FOR PLAN = 1 RATIO= 0.98

RT MO2	MANE	5.00	539.15	769.07	1.16	5.00	532.40	770.00	1.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3353E+02 EXCESS=0.0000E+00 OUTFLOW=0.3461E+02 BASIN STORAGE=0.3219E-03 PERCENT ERROR= -3.2

FOR PLAN = 1 RATIO= 0.97

RT MO2	MANE	5.00	529.66	769.35	1.14	5.00	524.86	770.00	1.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3286E+02 EXCESS=0.0000E+00 OUTFLOW=0.3393E+02 BASIN STORAGE=0.3025E-03 PERCENT ERROR= -3.3

FOR PLAN = 1 RATIO= 0.96

RT MO2	MANE	4.54	526.32	769.61	1.10	5.00	524.39	770.00	1.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3221E+02 EXCESS=0.0000E+00 OUTFLOW=0.3282E+02 BASIN STORAGE=0.3863E-03 PERCENT ERROR= -1.9

FOR PLAN = 1 RATIO= 0.95

RT MO2	MANE	4.57	516.77	769.88	1.08	5.00	516.17	770.00	1.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3155E+02 EXCESS=0.0000E+00 OUTFLOW=0.3215E+02 BASIN STORAGE=0.3669E-03 PERCENT ERROR= -1.9

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	4.59	386.94	776.19	2.47	5.00	385.73	780.00	2.47
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6987E+02 EXCESS=0.0000E+00 OUTFLOW=0.6987E+02 BASIN STORAGE=0.1013E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	4.61	381.98	778.93	2.44	5.00	380.72	775.00	2.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6891E+02 EXCESS=0.0000E+00 OUTFLOW=0.6891E+02 BASIN STORAGE=0.1257E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	4.63	376.29	777.08	2.40	5.00	374.33	780.00	2.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6790E+02 EXCESS=0.0000E+00 OUTFLOW=0.6790E+02 BASIN STORAGE=0.1114E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3 MANE 4.64 371.03 779.90 2.37 5.00 370.86 780.00 2.37

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6694E+02 EXCESS=0.0000E+00 OUTFLOW=0.6694E+02 BASIN STORAGE=0.1019E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3 MANE 4.66 365.70 778.10 2.33 5.00 363.71 780.00 2.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6596E+02 EXCESS=0.0000E+00 OUTFLOW=0.6596E+02 BASIN STORAGE=0.1252E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3 MANE 4.68 359.95 776.33 2.30 5.00 358.82 780.00 2.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6496E+02 EXCESS=0.0000E+00 OUTFLOW=0.6496E+02 BASIN STORAGE=0.1099E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 1.00

RT MO4 MANE 1.00 385.54 780.65 2.47 5.00 385.46 780.00 2.47

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6986E+02 EXCESS=0.0000E+00 OUTFLOW=0.6987E+02 BASIN STORAGE=0.1489E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.99

RT MO4 MANE 0.98 380.66 777.61 2.44 5.00 380.50 780.00 2.44

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6893E+02 EXCESS=0.0000E+00 OUTFLOW=0.6893E+02 BASIN STORAGE=0.9676E-07 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.98

RT MO4 MANE 0.98 374.21 781.00 2.40 5.00 374.12 780.00 2.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6788E+02 EXCESS=0.0000E+00 OUTFLOW=0.6789E+02 BASIN STORAGE=0.1244E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.97

RT MO4 MANE 0.93 370.70 780.86 2.37 5.00 370.56 780.00 2.37

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6696E+02 EXCESS=0.0000E+00 OUTFLOW=0.6697E+02 BASIN STORAGE=0.1053E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.96

RT MO4 MANE 0.99 363.58 780.29 2.33 5.00 363.56 780.00 2.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6595E+02 EXCESS=0.0000E+00 OUTFLOW=0.6596E+02 BASIN STORAGE=0.1345E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.95

RT MO4 MANE 0.99 358.64 780.91 2.30 5.00 358.49 780.00 2.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6495E+02 EXCESS=0.0000E+00 OUTFLOW=0.6496E+02 BASIN STORAGE=0.1339E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	151.62	965.00	2.52	5.00	151.62	965.00	2.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3012E+03 EXCESS=0.0000E+00 OUTFLOW=0.3035E+03 BASIN STORAGE=-.2817E+01 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	147.38	970.00	2.49	5.00	147.38	970.00	2.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2974E+03 EXCESS=0.0000E+00 OUTFLOW=0.2998E+03 BASIN STORAGE=-.2818E+01 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	143.63	970.00	2.45	5.00	143.63	970.00	2.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2935E+03 EXCESS=0.0000E+00 OUTFLOW=0.2959E+03 BASIN STORAGE=-.2820E+01 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	142.25	970.00	2.42	5.00	142.25	970.00	2.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2898E+03 EXCESS=0.0000E+00 OUTFLOW=0.2921E+03 BASIN STORAGE=-.2822E+01 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	140.74	970.00	2.39	5.00	140.74	970.00	2.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2856E+03 EXCESS=0.0000E+00 OUTFLOW=0.2880E+03 BASIN STORAGE=-.2823E+01 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	139.33	970.00	2.36	5.00	139.33	970.00	2.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2818E+03 EXCESS=0.0000E+00 OUTFLOW=0.2841E+03 BASIN STORAGE=-.2825E+01 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	1.75	10.05	773.50	1.10	5.00	10.01	775.00	1.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2943E+01 EXCESS=0.0000E+00 OUTFLOW=0.2943E+01 BASIN STORAGE=0.2703E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	1.75	9.72	773.50	1.08	5.00	9.68	775.00	1.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2872E+01 EXCESS=0.0000E+00 OUTFLOW=0.2872E+01 BASIN STORAGE=0.2669E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	1.75	9.39	773.50	1.05	5.00	9.36	775.00	1.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2801E+01 EXCESS=0.0000E+00 OUTFLOW=0.2802E+01 BASIN STORAGE=0.2702E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	1.75	9.07	773.50	1.02	5.00	9.04	775.00	1.02
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2732E+01 EXCESS=0.0000E+00 OUTFLOW=0.2732E+01 BASIN STORAGE=0.2666E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	1.75	8.74	773.50	1.00	5.00	8.72	775.00	1.00
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2662E+01 EXCESS=0.0000E+00 OUTFLOW=0.2662E+01 BASIN STORAGE=0.2698E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	1.75	8.42	773.50	0.97	5.00	8.40	775.00	0.97
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2593E+01 EXCESS=0.0000E+00 OUTFLOW=0.2593E+01 BASIN STORAGE=0.2657E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.11	39.50	762.49	1.32	5.00	39.40	760.00	1.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7759E+01 EXCESS=0.0000E+00 OUTFLOW=0.7759E+01 BASIN STORAGE=0.2831E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.12	39.23	763.74	1.30	5.00	39.18	760.00	1.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7652E+01 EXCESS=0.0000E+00 OUTFLOW=0.7652E+01 BASIN STORAGE=0.3209E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.12	38.98	763.08	1.28	5.00	38.81	760.00	1.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7532E+01 EXCESS=0.0000E+00 OUTFLOW=0.7532E+01 BASIN STORAGE=0.2998E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.12	38.60	762.87	1.26	5.00	38.46	765.00	1.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7406E+01 EXCESS=0.0000E+00 OUTFLOW=0.7406E+01 BASIN STORAGE=0.3047E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.13	38.20	762.73	1.24	5.00	38.11	765.00	1.24
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7280E+01 EXCESS=0.0000E+00 OUTFLOW=0.7280E+01 BASIN STORAGE=0.3072E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.14	37.80	762.71	1.22	5.00	37.74	765.00	1.22
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7156E+01 EXCESS=0.0000E+00 OUTFLOW=0.7156E+01 BASIN STORAGE=0.3045E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	5.00	49.01	770.00	1.25	5.00	49.01	770.00	1.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1070E+02 EXCESS=0.0000E+00 OUTFLOW=0.1070E+02 BASIN STORAGE=0.1041E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	5.00	48.44	770.00	1.23	5.00	48.44	770.00	1.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1052E+02 EXCESS=0.0000E+00 OUTFLOW=0.1052E+02 BASIN STORAGE=0.1029E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	5.00	47.78	770.00	1.21	5.00	47.78	770.00	1.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1033E+02 EXCESS=0.0000E+00 OUTFLOW=0.1033E+02 BASIN STORAGE=0.1011E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	5.00	47.17	770.00	1.19	5.00	47.17	770.00	1.19
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1014E+02 EXCESS=0.0000E+00 OUTFLOW=0.1014E+02 BASIN STORAGE=0.9995E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	5.00	46.47	770.00	1.17	5.00	46.47	770.00	1.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9942E+01 EXCESS=0.0000E+00 OUTFLOW=0.9943E+01 BASIN STORAGE=0.9811E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	5.00	45.67	770.00	1.14	5.00	45.67	770.00	1.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9748E+01 EXCESS=0.0000E+00 OUTFLOW=0.9749E+01 BASIN STORAGE=0.1047E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT E1S	MANE	1.00	9.36	763.00	-1.00	5.00	8.81	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT E1S	MANE	1.00	7.62	763.00	-1.00	5.00	7.31	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT E1S	MANE	1.00	5.85	764.00	-1.00	5.00	5.78	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT E1S	MANE	1.00	4.91	764.00	-1.00	5.00	4.89	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT E1S	MANE	1.00	3.96	765.00	-1.00	5.00	3.96	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT E1S	MANE	1.00	2.97	765.00	-1.00	5.00	2.97	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.28	102.49	765.34	1.12	5.00	102.33	765.00	1.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2096E+02 EXCESS=0.0000E+00 OUTFLOW=0.2096E+02 BASIN STORAGE=0.2189E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.29	99.41	766.17	1.10	5.00	99.29	765.00	1.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2057E+02 EXCESS=0.0000E+00 OUTFLOW=0.2057E+02 BASIN STORAGE=0.2204E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.30	96.40	765.86	1.08	5.00	96.16	765.00	1.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2019E+02 EXCESS=0.0000E+00 OUTFLOW=0.2019E+02 BASIN STORAGE=0.2377E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.31	93.76	766.17	1.06	5.00	93.56	765.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1982E+02 EXCESS=0.0000E+00 OUTFLOW=0.1982E+02 BASIN STORAGE=0.2370E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.32	91.02	765.29	1.04	5.00	90.86	765.00	1.04
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1945E+02 EXCESS=0.0000E+00 OUTFLOW=0.1945E+02 BASIN STORAGE=0.2317E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.33	88.40	765.93	1.02	5.00	88.07	765.00	1.02
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1908E+02 EXCESS=0.0000E+00 OUTFLOW=0.1908E+02 BASIN STORAGE=0.2197E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD	MANE	5.00	102.52	770.00	1.12	5.00	102.52	770.00	1.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2096E+02 EXCESS=0.0000E+00 OUTFLOW=0.2097E+02 BASIN STORAGE=0.1498E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD	MANE	5.00	99.44	770.00	1.10	5.00	99.44	770.00	1.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2058E+02 EXCESS=0.0000E+00 OUTFLOW=0.2058E+02 BASIN STORAGE=0.1482E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD	MANE	5.00	96.36	770.00	1.08	5.00	96.36	770.00	1.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2020E+02 EXCESS=0.0000E+00 OUTFLOW=0.2020E+02 BASIN STORAGE=0.1543E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD	MANE	5.00	93.63	770.00	1.06	5.00	93.63	770.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1982E+02 EXCESS=0.0000E+00 OUTFLOW=0.1983E+02 BASIN STORAGE=0.1528E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD	MANE	5.00	90.85	770.00	1.04	5.00	90.85	770.00	1.04
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1945E+02 EXCESS=0.0000E+00 OUTFLOW=0.1946E+02 BASIN STORAGE=0.1512E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD	MANE	5.00	87.87	770.00	1.02	5.00	87.87	770.00	1.02
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1909E+02 EXCESS=0.0000E+00 OUTFLOW=0.1909E+02 BASIN STORAGE=0.1502E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PE3	MANE	2.00	74.81	766.00	-1.00	5.00	74.68	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE3	MANE	2.00	72.81	766.00	-1.00	5.00	72.63	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE3	MANE	2.00	70.89	766.00	-1.00	5.00	70.71	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE3 MANE 2.00 69.17 766.00 -1.00 5.00 68.96 765.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT PE3 MANE 2.00 67.42 766.00 -1.00 5.00 67.19 765.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT PE3 MANE 2.00 65.72 768.00 -1.00 5.00 65.51 770.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 1.68 32.94 751.06 1.64 5.00 32.91 750.00 1.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7885E+01 EXCESS=0.0000E+00 OUTFLOW=0.7885E+01 BASIN STORAGE=0.2249E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 1.69 32.87 751.61 1.62 5.00 32.81 750.00 1.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7789E+01 EXCESS=0.0000E+00 OUTFLOW=0.7789E+01 BASIN STORAGE=0.2315E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 1.69 32.77 752.14 1.60 5.00 32.73 750.00 1.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7694E+01 EXCESS=0.0000E+00 OUTFLOW=0.7694E+01 BASIN STORAGE=0.2391E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 1.69 32.66 752.68 1.58 5.00 32.64 750.00 1.58

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7601E+01 EXCESS=0.0000E+00 OUTFLOW=0.7601E+01 BASIN STORAGE=0.2170E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 1.69 32.59 751.54 1.56 5.00 32.54 750.00 1.56

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7506E+01 EXCESS=0.0000E+00 OUTFLOW=0.7506E+01 BASIN STORAGE=0.2262E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 1.69 32.50 752.08 1.54 5.00 32.45 750.00 1.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7410E+01 EXCESS=0.0000E+00 OUTFLOW=0.7410E+01 BASIN STORAGE=0.2335E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF MANE 5.00 33.20 755.00 1.64 5.00 33.20 755.00 1.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7885E+01 EXCESS=0.0000E+00 OUTFLOW=0.7886E+01 BASIN STORAGE=0.1897E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	33.15	755.00	1.62	5.00	33.15	755.00	1.62
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7789E+01 EXCESS=0.0000E+00 OUTFLOW=0.7791E+01 BASIN STORAGE=0.1850E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	33.09	755.00	1.60	5.00	33.09	755.00	1.60
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7696E+01 EXCESS=0.0000E+00 OUTFLOW=0.7698E+01 BASIN STORAGE=0.1834E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	32.94	755.00	1.58	5.00	32.94	755.00	1.58
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7601E+01 EXCESS=0.0000E+00 OUTFLOW=0.7603E+01 BASIN STORAGE=0.1819E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	32.88	755.00	1.56	5.00	32.88	755.00	1.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7506E+01 EXCESS=0.0000E+00 OUTFLOW=0.7508E+01 BASIN STORAGE=0.1805E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	32.87	755.00	1.54	5.00	32.87	755.00	1.54
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7411E+01 EXCESS=0.0000E+00 OUTFLOW=0.7413E+01 BASIN STORAGE=0.1787E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1	MANE	3.55	124.18	748.43	1.07	5.00	124.10	745.00	1.07
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5667E+02 EXCESS=0.0000E+00 OUTFLOW=0.5668E+02 BASIN STORAGE=0.6975E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1	MANE	3.55	123.57	749.02	1.06	5.00	123.35	745.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5612E+02 EXCESS=0.0000E+00 OUTFLOW=0.5612E+02 BASIN STORAGE=0.7171E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1	MANE	3.55	123.22	746.06	1.05	5.00	122.96	745.00	1.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5557E+02 EXCESS=0.0000E+00 OUTFLOW=0.5557E+02 BASIN STORAGE=0.7293E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.56 123.04 746.65 1.04 5.00 122.76 745.00 1.04

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5501E+02 EXCESS=0.0000E+00 OUTFLOW=0.5501E+02 BASIN STORAGE=0.7066E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.56 122.80 747.25 1.03 5.00 122.59 745.00 1.03

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5444E+02 EXCESS=0.0000E+00 OUTFLOW=0.5444E+02 BASIN STORAGE=0.7181E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.56 122.37 747.86 1.02 5.00 122.14 745.00 1.02

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5388E+02 EXCESS=0.0000E+00 OUTFLOW=0.5388E+02 BASIN STORAGE=0.7290E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 252.15 750.00 1.20 5.00 252.15 750.00 1.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6820E+02 EXCESS=0.0000E+00 OUTFLOW=0.6822E+02 BASIN STORAGE=0.1051E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 249.49 750.00 1.18 5.00 249.49 750.00 1.18

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6750E+02 EXCESS=0.0000E+00 OUTFLOW=0.6751E+02 BASIN STORAGE=0.1041E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 247.51 755.00 1.17 5.00 247.51 755.00 1.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6680E+02 EXCESS=0.0000E+00 OUTFLOW=0.6681E+02 BASIN STORAGE=0.1133E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 245.78 755.00 1.16 5.00 245.78 755.00 1.16

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6608E+02 EXCESS=0.0000E+00 OUTFLOW=0.6610E+02 BASIN STORAGE=0.1123E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 244.02 755.00 1.15 5.00 244.02 755.00 1.15

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6537E+02 EXCESS=0.0000E+00 OUTFLOW=0.6538E+02 BASIN STORAGE=0.1110E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 242.06 755.00 1.13 5.00 242.06 755.00 1.13

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6465E+02 EXCESS=0.0000E+00 OUTFLOW=0.6467E+02 BASIN STORAGE=0.1056E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A	MANE	0.73	247.78	790.74	1.36	5.00	244.12	790.00	1.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1058E+03 EXCESS=0.0000E+00 OUTFLOW=0.1058E+03 BASIN STORAGE=0.8311E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A	MANE	0.75	225.43	795.52	1.34	5.00	224.79	795.00	1.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1044E+03 EXCESS=0.0000E+00 OUTFLOW=0.1044E+03 BASIN STORAGE=0.8313E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A	MANE	0.76	203.51	800.77	1.32	5.00	203.18	800.00	1.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1030E+03 EXCESS=0.0000E+00 OUTFLOW=0.1030E+03 BASIN STORAGE=0.8331E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A	MANE	0.77	189.44	801.15	1.30	5.00	189.31	805.00	1.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1017E+03 EXCESS=0.0000E+00 OUTFLOW=0.1017E+03 BASIN STORAGE=0.8334E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A	MANE	0.78	185.43	801.50	1.29	5.00	185.41	805.00	1.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1003E+03 EXCESS=0.0000E+00 OUTFLOW=0.1003E+03 BASIN STORAGE=0.8327E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A	MANE	0.78	181.52	804.90	1.27	5.00	181.51	805.00	1.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9893E+02 EXCESS=0.0000E+00 OUTFLOW=0.9893E+02 BASIN STORAGE=0.8330E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B	MANE	4.43	238.53	797.50	1.36	5.00	235.39	795.00	1.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1058E+03 EXCESS=0.0000E+00 OUTFLOW=0.1058E+03 BASIN STORAGE=0.1108E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B	MANE	4.53	219.35	797.50	1.34	5.00	218.20	800.00	1.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1044E+03 EXCESS=0.0000E+00 OUTFLOW=0.1044E+03 BASIN STORAGE=0.1100E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B	MANE	4.66	199.51	805.80	1.32	5.00	199.33	805.00	1.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1030E+03 EXCESS=0.0000E+00 OUTFLOW=0.1030E+03 BASIN STORAGE=0.1111E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B	MANE	4.75	189.24	807.22	1.30	5.00	189.04	805.00	1.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1017E+03 EXCESS=0.0000E+00 OUTFLOW=0.1017E+03 BASIN STORAGE=0.1103E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B	MANE	4.78	185.29	807.04	1.29	5.00	185.05	810.00	1.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1003E+03 EXCESS=0.0000E+00 OUTFLOW=0.1003E+03 BASIN STORAGE=0.1099E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B	MANE	4.80	181.32	806.93	1.27	5.00	181.18	810.00	1.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9892E+02 EXCESS=0.0000E+00 OUTFLOW=0.9892E+02 BASIN STORAGE=0.1091E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL	MANE	3.13	245.12	798.45	1.40	5.00	243.67	800.00	1.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1179E+03 EXCESS=0.0000E+00 OUTFLOW=0.1179E+03 BASIN STORAGE=0.1229E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL	MANE	3.21	226.93	801.84	1.39	5.00	225.29	800.00	1.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1164E+03 EXCESS=0.0000E+00 OUTFLOW=0.1164E+03 BASIN STORAGE=0.1234E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL	MANE	3.30	208.28	804.99	1.37	5.00	208.28	805.00	1.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1148E+03 EXCESS=0.0000E+00 OUTFLOW=0.1148E+03 BASIN STORAGE=0.1229E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL	MANE	3.35	198.58	807.99	1.35	5.00	198.35	805.00	1.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1133E+03 EXCESS=0.0000E+00 OUTFLOW=0.1133E+03 BASIN STORAGE=0.1234E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL	MANE	3.38	194.31	806.65	1.33	5.00	194.28	810.00	1.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1117E+03 EXCESS=0.0000E+00 OUTFLOW=0.1117E+03 BASIN STORAGE=0.1236E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL	MANE	3.40	190.28	808.78	1.31	5.00	190.19	810.00	1.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1101E+03 EXCESS=0.0000E+00 OUTFLOW=0.1101E+03 BASIN STORAGE=0.1235E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	200.09	750.00	2.95	5.00	200.09	750.00	2.95
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1413E+02 EXCESS=0.0000E+00 OUTFLOW=0.1415E+02 BASIN STORAGE=0.6718E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	197.53	750.00	2.91	5.00	197.53	750.00	2.91
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1395E+02 EXCESS=0.0000E+00 OUTFLOW=0.1397E+02 BASIN STORAGE=0.6689E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	194.95	750.00	2.87	5.00	194.95	750.00	2.87
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1378E+02 EXCESS=0.0000E+00 OUTFLOW=0.1379E+02 BASIN STORAGE=0.6504E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	192.36	750.00	2.84	5.00	192.35	750.00	2.84
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1360E+02 EXCESS=0.0000E+00 OUTFLOW=0.1362E+02 BASIN STORAGE=0.6475E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	189.06	750.00	2.80	5.00	189.06	750.00	2.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1343E+02 EXCESS=0.0000E+00 OUTFLOW=0.1344E+02 BASIN STORAGE=0.7258E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	186.37	750.00	2.76	5.00	186.37	750.00	2.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1325E+02 EXCESS=0.0000E+00 OUTFLOW=0.1326E+02 BASIN STORAGE=0.7227E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	91.81	750.00	2.75	5.00	91.81	750.00	2.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7330E+01 EXCESS=0.0000E+00 OUTFLOW=0.7336E+01 BASIN STORAGE=0.4803E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	90.50	750.00	2.72	5.00	90.50	750.00	2.72
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7234E+01 EXCESS=0.0000E+00 OUTFLOW=0.7240E+01 BASIN STORAGE=0.4778E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00
RT SV3 MANE 5.00 89.19 750.00 2.68 5.00 89.19 750.00 2.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7138E+01 EXCESS=0.0000E+00 OUTFLOW=0.7144E+01 BASIN STORAGE=0.4754E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00
RT SV3 MANE 5.00 87.87 750.00 2.64 5.00 87.87 750.00 2.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7042E+01 EXCESS=0.0000E+00 OUTFLOW=0.7048E+01 BASIN STORAGE=0.4730E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00
RT SV3 MANE 5.00 86.55 750.00 2.61 5.00 86.55 750.00 2.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6946E+01 EXCESS=0.0000E+00 OUTFLOW=0.6953E+01 BASIN STORAGE=0.4705E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00
RT SV3 MANE 5.00 85.21 750.00 2.57 5.00 85.21 750.00 2.57

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6850E+01 EXCESS=0.0000E+00 OUTFLOW=0.6857E+01 BASIN STORAGE=0.4680E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00
RT MIL MANE 2.67 407.06 755.47 2.31 5.00 406.46 755.00 2.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5111E+02 EXCESS=0.0000E+00 OUTFLOW=0.5110E+02 BASIN STORAGE=0.1231E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00
RT MIL MANE 2.69 400.52 754.70 2.27 5.00 399.06 755.00 2.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5032E+02 EXCESS=0.0000E+00 OUTFLOW=0.5032E+02 BASIN STORAGE=0.1232E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00
RT MIL MANE 2.70 391.60 754.00 2.24 5.00 389.37 755.00 2.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4953E+02 EXCESS=0.0000E+00 OUTFLOW=0.4952E+02 BASIN STORAGE=0.1231E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00
RT MIL MANE 2.72 382.90 756.09 2.20 5.00 382.69 755.00 2.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4880E+02 EXCESS=0.0000E+00 OUTFLOW=0.4879E+02 BASIN STORAGE=0.1229E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 2.74 376.47 756.18 2.17 5.00 375.74 755.00 2.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4804E+02 EXCESS=0.0000E+00 OUTFLOW=0.4803E+02 BASIN STORAGE=0.1236E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 2.76 373.12 755.09 2.14 5.00 372.59 755.00 2.14

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4731E+02 EXCESS=0.0000E+00 OUTFLOW=0.4730E+02 BASIN STORAGE=0.1223E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 3.39 93.67 729.35 2.70 5.00 90.40 730.00 2.71

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5329E+01 EXCESS=0.0000E+00 OUTFLOW=0.5325E+01 BASIN STORAGE=0.3300E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 3.40 88.41 727.79 2.67 5.00 87.85 730.00 2.66

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5265E+01 EXCESS=0.0000E+00 OUTFLOW=0.5262E+01 BASIN STORAGE=0.4429E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 3.41 90.85 729.65 2.62 5.00 88.86 730.00 2.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5182E+01 EXCESS=0.0000E+00 OUTFLOW=0.5179E+01 BASIN STORAGE=0.4244E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 3.42 88.91 728.11 2.60 5.00 86.34 730.00 2.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5134E+01 EXCESS=0.0000E+00 OUTFLOW=0.5131E+01 BASIN STORAGE=0.4040E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 3.43 87.94 730.02 2.55 5.00 87.88 730.00 2.56

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5035E+01 EXCESS=0.0000E+00 OUTFLOW=0.5032E+01 BASIN STORAGE=0.3846E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 3.44 89.14 728.52 2.53 5.00 85.29 730.00 2.53

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5002E+01 EXCESS=0.0000E+00 OUTFLOW=0.4999E+01 BASIN STORAGE=0.3654E-03 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT A1D MANE 1.22 16.00 723.00 -1.00 5.00 16.00 730.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	723.00	-1.00	5.00	16.00	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	723.00	-1.00	5.00	16.00	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	723.00	-1.00	5.00	16.00	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	723.00	-1.00	5.00	16.00	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	723.00	-1.00	5.00	16.00	730.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	4.37	87.05	734.98	11.97	5.00	87.01	735.00	11.98
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2367E+02 EXCESS=0.0000E+00 OUTFLOW=0.2363E+02 BASIN STORAGE=0.5255E-03 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	4.40	86.74	734.15	11.88	5.00	84.59	735.00	11.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2348E+02 EXCESS=0.0000E+00 OUTFLOW=0.2344E+02 BASIN STORAGE=0.5688E-03 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	4.39	86.08	732.74	11.78	5.00	83.14	735.00	11.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2330E+02 EXCESS=0.0000E+00 OUTFLOW=0.2325E+02 BASIN STORAGE=0.5059E-03 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	4.41	83.57	731.90	11.68	5.00	80.86	735.00	11.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2309E+02 EXCESS=0.0000E+00 OUTFLOW=0.2305E+02 BASIN STORAGE=0.5482E-03 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	4.40	86.08	734.11	11.62	5.00	83.93	735.00	11.62
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2297E+02 EXCESS=0.0000E+00 OUTFLOW=0.2293E+02 BASIN STORAGE=0.5567E-03 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	4.42	83.59	733.41	11.51	5.00	80.50	735.00	11.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2276E+02 EXCESS=0.0000E+00 OUTFLOW=0.2272E+02 BASIN STORAGE=0.5857E-03 PERCENT ERROR= 0.2

FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.75	40.00	742.00	-1.00	5.00	40.00	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.75	40.00	742.00	-1.00	5.00	40.00	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.75	40.00	742.00	-1.00	5.00	40.00	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.25	40.00	741.25	-1.00	5.00	40.00	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	2.00	40.00	740.00	-1.00	5.00	40.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.75	40.00	742.00	-1.00	5.00	40.00	745.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	105.00	805.00	-1.00	5.00	105.00	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	105.00	805.00	-1.00	5.00	105.00	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	105.00	805.00	-1.00	5.00	105.00	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	105.00	805.00	-1.00	5.00	105.00	805.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	105.00	800.00	-1.00	5.00	105.00	800.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D MANE 5.00 105.00 805.00 -1.00 5.00 105.00 805.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT A1C MANE 5.00 187.27 745.00 32.70 5.00 187.27 745.00 32.70

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6452E+02 EXCESS=0.0000E+00 OUTFLOW=0.6452E+02 BASIN STORAGE=0.4314E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C MANE 5.00 185.67 745.00 32.29 5.00 185.67 745.00 32.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6371E+02 EXCESS=0.0000E+00 OUTFLOW=0.6371E+02 BASIN STORAGE=0.4271E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C MANE 5.00 183.18 745.00 31.88 5.00 183.18 745.00 31.88

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6291E+02 EXCESS=0.0000E+00 OUTFLOW=0.6291E+02 BASIN STORAGE=0.4265E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C MANE 5.00 180.55 745.00 31.49 5.00 180.55 745.00 31.49

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6213E+02 EXCESS=0.0000E+00 OUTFLOW=0.6213E+02 BASIN STORAGE=0.4223E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C MANE 5.00 183.76 745.00 31.14 5.00 183.76 745.00 31.14

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6144E+02 EXCESS=0.0000E+00 OUTFLOW=0.6144E+02 BASIN STORAGE=0.4184E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C MANE 5.00 180.25 745.00 30.74 5.00 180.25 745.00 30.74

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6066E+02 EXCESS=0.0000E+00 OUTFLOW=0.6066E+02 BASIN STORAGE=0.4104E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1 MANE 4.94 1033.94 760.46 2.09 5.00 1030.25 760.00 2.09

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2900E+03 EXCESS=0.0000E+00 OUTFLOW=0.2900E+03 BASIN STORAGE=0.2999E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1 MANE 4.96 1015.12 759.44 2.06 5.00 1012.03 760.00 2.06

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2859E+03 EXCESS=0.0000E+00 OUTFLOW=0.2859E+03 BASIN STORAGE=0.3042E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	4.99	990.52	758.85	2.03	5.00	986.91	760.00	2.03
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2818E+03 EXCESS=0.0000E+00 OUTFLOW=0.2818E+03 BASIN STORAGE=0.3048E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	985.14	760.00	2.00	5.00	985.14	760.00	2.00
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2778E+03 EXCESS=0.0000E+00 OUTFLOW=0.2778E+03 BASIN STORAGE=0.3021E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	968.92	760.00	1.97	5.00	968.92	760.00	1.97
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2739E+03 EXCESS=0.0000E+00 OUTFLOW=0.2739E+03 BASIN STORAGE=0.3083E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	956.10	760.00	1.94	5.00	956.10	760.00	1.94
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2699E+03 EXCESS=0.0000E+00 OUTFLOW=0.2700E+03 BASIN STORAGE=0.3056E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2	MANE	1.90	103.13	733.80	2.34	5.00	101.81	735.00	2.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7487E+01 EXCESS=0.0000E+00 OUTFLOW=0.7487E+01 BASIN STORAGE=0.3855E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2	MANE	1.91	101.15	734.59	2.30	5.00	101.02	735.00	2.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7376E+01 EXCESS=0.0000E+00 OUTFLOW=0.7376E+01 BASIN STORAGE=0.3933E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2	MANE	1.92	99.54	733.50	2.27	5.00	98.87	735.00	2.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7268E+01 EXCESS=0.0000E+00 OUTFLOW=0.7268E+01 BASIN STORAGE=0.3991E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2	MANE	1.92	98.42	734.36	2.24	5.00	98.05	735.00	2.24
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7160E+01 EXCESS=0.0000E+00 OUTFLOW=0.7161E+01 BASIN STORAGE=0.4017E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 1.93 96.17 733.31 2.20 5.00 96.14 735.00 2.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7053E+01 EXCESS=0.0000E+00 OUTFLOW=0.7053E+01 BASIN STORAGE=0.4019E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GR2 MANE 1.94 95.60 734.23 2.17 5.00 95.07 735.00 2.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6946E+01 EXCESS=0.0000E+00 OUTFLOW=0.6946E+01 BASIN STORAGE=0.4004E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 98.56 745.00 2.34 5.00 98.56 745.00 2.34

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7483E+01 EXCESS=0.0000E+00 OUTFLOW=0.7480E+01 BASIN STORAGE=0.1782E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 97.35 745.00 2.30 5.00 97.35 745.00 2.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7375E+01 EXCESS=0.0000E+00 OUTFLOW=0.7372E+01 BASIN STORAGE=0.1770E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 95.86 745.00 2.27 5.00 95.86 745.00 2.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7265E+01 EXCESS=0.0000E+00 OUTFLOW=0.7262E+01 BASIN STORAGE=0.1760E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 94.77 745.00 2.24 5.00 94.77 745.00 2.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7158E+01 EXCESS=0.0000E+00 OUTFLOW=0.7155E+01 BASIN STORAGE=0.1750E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 93.23 745.00 2.20 5.00 93.23 745.00 2.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7050E+01 EXCESS=0.0000E+00 OUTFLOW=0.7047E+01 BASIN STORAGE=0.1739E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 92.14 745.00 2.17 5.00 92.14 745.00 2.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6943E+01 EXCESS=0.0000E+00 OUTFLOW=0.6940E+01 BASIN STORAGE=0.1730E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1 MANE 5.00 128.26 880.00 0.89 5.00 128.26 880.00 0.89

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1196E+03 EXCESS=0.0000E+00 OUTFLOW=0.1196E+03 BASIN STORAGE=0.1060E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	125.04	885.00	0.88	5.00	125.04	885.00	0.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1183E+03 EXCESS=0.0000E+00 OUTFLOW=0.1183E+03 BASIN STORAGE=0.1018E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	120.86	890.00	0.87	5.00	120.86	890.00	0.87
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1170E+03 EXCESS=0.0000E+00 OUTFLOW=0.1170E+03 BASIN STORAGE=0.1075E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	116.97	895.00	0.86	5.00	116.97	895.00	0.86
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1157E+03 EXCESS=0.0000E+00 OUTFLOW=0.1157E+03 BASIN STORAGE=0.1034E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	116.48	900.00	0.85	5.00	116.48	900.00	0.85
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1145E+03 EXCESS=0.0000E+00 OUTFLOW=0.1145E+03 BASIN STORAGE=0.1095E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	115.96	910.00	0.84	5.00	115.96	910.00	0.84
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1132E+03 EXCESS=0.0000E+00 OUTFLOW=0.1132E+03 BASIN STORAGE=0.1066E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A	MANE	1.09	131.79	881.30	0.91	5.00	131.09	880.00	0.91
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1271E+03 EXCESS=0.0000E+00 OUTFLOW=0.1270E+03 BASIN STORAGE=0.1104E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A	MANE	1.09	128.34	886.96	0.90	5.00	127.92	885.00	0.90
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1256E+03 EXCESS=0.0000E+00 OUTFLOW=0.1256E+03 BASIN STORAGE=0.1115E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A	MANE	1.10	124.18	891.95	0.89	5.00	123.90	895.00	0.89
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1242E+03 EXCESS=0.0000E+00 OUTFLOW=0.1242E+03 BASIN STORAGE=0.1114E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.11 120.54 925.02 0.88 5.00 120.54 925.00 0.88

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1228E+03 EXCESS=0.0000E+00 OUTFLOW=0.1228E+03 BASIN STORAGE=0.1116E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.11 120.23 925.50 0.87 5.00 120.23 925.00 0.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1214E+03 EXCESS=0.0000E+00 OUTFLOW=0.1214E+03 BASIN STORAGE=0.1115E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.11 119.89 926.01 0.86 5.00 119.88 925.00 0.86

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1201E+03 EXCESS=0.0000E+00 OUTFLOW=0.1201E+03 BASIN STORAGE=0.1112E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.69 131.12 881.50 0.91 5.00 130.98 885.00 0.91

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1271E+03 EXCESS=0.0000E+00 OUTFLOW=0.1271E+03 BASIN STORAGE=0.1506E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.69 127.90 886.13 0.90 5.00 127.53 885.00 0.90

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1256E+03 EXCESS=0.0000E+00 OUTFLOW=0.1256E+03 BASIN STORAGE=0.1513E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.70 123.89 894.73 0.89 5.00 123.88 895.00 0.89

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1242E+03 EXCESS=0.0000E+00 OUTFLOW=0.1242E+03 BASIN STORAGE=0.1504E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.70 120.54 925.48 0.88 5.00 120.54 925.00 0.88

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1228E+03 EXCESS=0.0000E+00 OUTFLOW=0.1228E+03 BASIN STORAGE=0.1518E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.70 120.22 925.46 0.87 5.00 120.22 925.00 0.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1214E+03 EXCESS=0.0000E+00 OUTFLOW=0.1214E+03 BASIN STORAGE=0.1518E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.70 119.87 926.21 0.86 5.00 119.86 925.00 0.86

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1201E+03 EXCESS=0.0000E+00 OUTFLOW=0.1201E+03 BASIN STORAGE=0.1520E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 1.92 132.21 886.98 0.92 5.00 132.11 885.00 0.92

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1301E+03 EXCESS=0.0000E+00 OUTFLOW=0.1301E+03 BASIN STORAGE=0.1922E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 1.93 128.83 887.84 0.91 5.00 128.77 890.00 0.91

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1286E+03 EXCESS=0.0000E+00 OUTFLOW=0.1286E+03 BASIN STORAGE=0.1955E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 1.94 125.01 896.95 0.90 5.00 125.00 895.00 0.90

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1272E+03 EXCESS=0.0000E+00 OUTFLOW=0.1272E+03 BASIN STORAGE=0.2006E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 1.95 122.23 926.40 0.89 5.00 122.23 925.00 0.89

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1257E+03 EXCESS=0.0000E+00 OUTFLOW=0.1257E+03 BASIN STORAGE=0.1923E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 1.95 121.90 926.92 0.88 5.00 121.88 925.00 0.88

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1243E+03 EXCESS=0.0000E+00 OUTFLOW=0.1243E+03 BASIN STORAGE=0.1956E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 1.95 121.52 927.50 0.87 5.00 121.50 930.00 0.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1229E+03 EXCESS=0.0000E+00 OUTFLOW=0.1229E+03 BASIN STORAGE=0.1924E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B MANE 3.40 131.96 889.81 0.92 5.00 131.95 890.00 0.92

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1301E+03 EXCESS=0.0000E+00 OUTFLOW=0.1301E+03 BASIN STORAGE=0.9355E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B MANE 3.42 128.72 893.22 0.91 5.00 128.56 895.00 0.91

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1286E+03 EXCESS=0.0000E+00 OUTFLOW=0.1286E+03 BASIN STORAGE=0.9218E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B MANE 3.45 124.91 897.72 0.90 5.00 124.78 900.00 0.90

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1272E+03 EXCESS=0.0000E+00 OUTFLOW=0.1272E+03 BASIN STORAGE=0.9217E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	3.48	122.22	928.07	0.89	5.00	122.21	930.00	0.89
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1257E+03 EXCESS=0.0000E+00 OUTFLOW=0.1257E+03 BASIN STORAGE=0.9623E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	3.48	121.88	928.87	0.88	5.00	121.87	930.00	0.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1243E+03 EXCESS=0.0000E+00 OUTFLOW=0.1243E+03 BASIN STORAGE=0.9548E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	3.48	121.50	933.19	0.87	5.00	121.49	930.00	0.87
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1229E+03 EXCESS=0.0000E+00 OUTFLOW=0.1229E+03 BASIN STORAGE=0.9605E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	127.22	740.00	1.79	5.00	127.22	740.00	1.79
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9556E+01 EXCESS=0.0000E+00 OUTFLOW=0.9561E+01 BASIN STORAGE=0.1784E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	125.09	740.00	1.76	5.00	125.09	740.00	1.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9409E+01 EXCESS=0.0000E+00 OUTFLOW=0.9413E+01 BASIN STORAGE=0.1771E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	122.96	740.00	1.74	5.00	122.96	740.00	1.74
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9261E+01 EXCESS=0.0000E+00 OUTFLOW=0.9266E+01 BASIN STORAGE=0.1758E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	120.83	740.00	1.71	5.00	120.83	740.00	1.71
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9114E+01 EXCESS=0.0000E+00 OUTFLOW=0.9119E+01 BASIN STORAGE=0.1744E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	118.70	740.00	1.68	5.00	118.70	740.00	1.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8967E+01 EXCESS=0.0000E+00 OUTFLOW=0.8972E+01 BASIN STORAGE=0.1730E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	116.67	745.00	1.65	5.00	116.67	745.00	1.65
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8821E+01 EXCESS=0.0000E+00 OUTFLOW=0.8826E+01 BASIN STORAGE=0.1717E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT 6SA	MANE	3.00	131.58	882.00	-1.00	5.00	130.27	880.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT 6SA	MANE	3.25	117.32	887.25	-1.00	5.00	117.03	885.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT 6SA	MANE	3.50	102.18	889.00	-1.00	5.00	102.16	890.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT 6SA	MANE	3.50	85.88	896.00	-1.00	5.00	85.62	895.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT 6SA	MANE	3.75	72.15	900.00	-1.00	5.00	72.15	900.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT 6SA	MANE	4.00	57.71	908.00	-1.00	5.00	57.52	905.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	2.34	49.05	950.70	3.81	5.00	49.04	950.00	3.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2030E+02 EXCESS=0.0000E+00 OUTFLOW=0.2030E+02 BASIN STORAGE=0.1923E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	2.38	44.65	949.58	3.48	5.00	44.65	950.00	3.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1855E+02 EXCESS=0.0000E+00 OUTFLOW=0.1855E+02 BASIN STORAGE=0.1925E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	2.44	39.82	954.63	3.15	5.00	39.81	955.00	3.15
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1681E+02 EXCESS=0.0000E+00 OUTFLOW=0.1681E+02 BASIN STORAGE=0.1937E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA MANE 2.50 34.78 955.80 2.83 5.00 34.77 955.00 2.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1507E+02 EXCESS=0.0000E+00 OUTFLOW=0.1507E+02 BASIN STORAGE=0.1943E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA MANE 2.59 29.52 961.78 2.50 5.00 29.51 960.00 2.50

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1331E+02 EXCESS=0.0000E+00 OUTFLOW=0.1331E+02 BASIN STORAGE=0.1941E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA MANE 2.69 24.38 966.99 2.17 5.00 24.38 965.00 2.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1159E+02 EXCESS=0.0000E+00 OUTFLOW=0.1159E+02 BASIN STORAGE=0.1924E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 49.06 950.00 3.81 5.00 49.06 950.00 3.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2030E+02 EXCESS=0.0000E+00 OUTFLOW=0.2030E+02 BASIN STORAGE=0.9241E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 44.65 955.00 3.48 5.00 44.65 955.00 3.48

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1855E+02 EXCESS=0.0000E+00 OUTFLOW=0.1855E+02 BASIN STORAGE=0.9064E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 39.81 960.00 3.15 5.00 39.81 960.00 3.15

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1681E+02 EXCESS=0.0000E+00 OUTFLOW=0.1681E+02 BASIN STORAGE=0.9259E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 34.77 960.00 2.83 5.00 34.77 960.00 2.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1507E+02 EXCESS=0.0000E+00 OUTFLOW=0.1507E+02 BASIN STORAGE=0.9346E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 29.51 965.00 2.50 5.00 29.51 965.00 2.50

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1331E+02 EXCESS=0.0000E+00 OUTFLOW=0.1331E+02 BASIN STORAGE=0.9086E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 24.37 975.00 2.17 5.00 24.37 975.00 2.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1159E+02 EXCESS=0.0000E+00 OUTFLOW=0.1159E+02 BASIN STORAGE=0.9115E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 216.42 745.00 2.54 5.00 216.42 745.00 2.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3792E+02 EXCESS=0.0000E+00 OUTFLOW=0.3793E+02 BASIN STORAGE=0.2581E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 213.03 745.00 2.40 5.00 213.03 745.00 2.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3590E+02 EXCESS=0.0000E+00 OUTFLOW=0.3591E+02 BASIN STORAGE=0.2530E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 209.19 745.00 2.27 5.00 209.19 745.00 2.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3390E+02 EXCESS=0.0000E+00 OUTFLOW=0.3391E+02 BASIN STORAGE=0.2581E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 205.80 745.00 2.14 5.00 205.80 745.00 2.14

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3189E+02 EXCESS=0.0000E+00 OUTFLOW=0.3189E+02 BASIN STORAGE=0.2496E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 202.44 745.00 2.00 5.00 202.44 745.00 2.00

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2986E+02 EXCESS=0.0000E+00 OUTFLOW=0.2987E+02 BASIN STORAGE=0.2531E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 199.05 745.00 1.87 5.00 199.05 745.00 1.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2788E+02 EXCESS=0.0000E+00 OUTFLOW=0.2789E+02 BASIN STORAGE=0.2539E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1 MANE 2.25 111.56 762.26 0.72 5.00 107.65 765.00 0.72

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3816E+02 EXCESS=0.0000E+00 OUTFLOW=0.3816E+02 BASIN STORAGE=0.2180E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1 MANE 2.27 105.42 762.02 0.71 5.00 102.37 765.00 0.71

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3761E+02 EXCESS=0.0000E+00 OUTFLOW=0.3761E+02 BASIN STORAGE=0.2190E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1 MANE 2.29 100.52 764.22 0.70 5.00 97.63 765.00 0.70

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3706E+02 EXCESS=0.0000E+00 OUTFLOW=0.3705E+02 BASIN STORAGE=0.2191E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1	MANE	2.32	95.47	762.52	0.69	5.00	92.96	765.00	0.69
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3652E+02 EXCESS=0.0000E+00 OUTFLOW=0.3652E+02 BASIN STORAGE=0.2190E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1	MANE	2.39	83.91	763.55	0.68	5.00	83.46	765.00	0.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3597E+02 EXCESS=0.0000E+00 OUTFLOW=0.3597E+02 BASIN STORAGE=0.2196E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1	MANE	2.41	79.33	765.06	0.67	5.00	79.28	765.00	0.67
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3548E+02 EXCESS=0.0000E+00 OUTFLOW=0.3548E+02 BASIN STORAGE=0.2199E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	121.03	770.00	0.80	5.00	121.03	770.00	0.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4473E+02 EXCESS=0.0000E+00 OUTFLOW=0.4473E+02 BASIN STORAGE=0.1047E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	115.52	770.00	0.79	5.00	115.52	770.00	0.79
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4408E+02 EXCESS=0.0000E+00 OUTFLOW=0.4408E+02 BASIN STORAGE=0.1035E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	110.29	770.00	0.78	5.00	110.29	770.00	0.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4343E+02 EXCESS=0.0000E+00 OUTFLOW=0.4343E+02 BASIN STORAGE=0.1057E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	104.79	770.00	0.76	5.00	104.79	770.00	0.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4281E+02 EXCESS=0.0000E+00 OUTFLOW=0.4282E+02 BASIN STORAGE=0.1045E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	98.60	740.00	0.75	5.00	98.60	740.00	0.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4217E+02 EXCESS=0.0000E+00 OUTFLOW=0.4217E+02 BASIN STORAGE=0.1027E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1 MANE 5.00 97.19 740.00 0.74 5.00 97.19 740.00 0.74

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4160E+02 EXCESS=0.0000E+00 OUTFLOW=0.4160E+02 BASIN STORAGE=0.1054E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 1.63 180.41 737.95 0.86 5.00 172.70 740.00 0.86

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5034E+02 EXCESS=0.0000E+00 OUTFLOW=0.5034E+02 BASIN STORAGE=0.4735E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 1.64 178.23 736.52 0.85 5.00 169.55 740.00 0.85

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4961E+02 EXCESS=0.0000E+00 OUTFLOW=0.4961E+02 BASIN STORAGE=0.4677E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 1.65 176.12 736.74 0.83 5.00 166.75 740.00 0.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4889E+02 EXCESS=0.0000E+00 OUTFLOW=0.4889E+02 BASIN STORAGE=0.4722E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 1.66 173.14 736.92 0.82 5.00 164.67 740.00 0.82

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4820E+02 EXCESS=0.0000E+00 OUTFLOW=0.4820E+02 BASIN STORAGE=0.4674E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 1.66 170.22 737.10 0.81 5.00 162.45 740.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4747E+02 EXCESS=0.0000E+00 OUTFLOW=0.4747E+02 BASIN STORAGE=0.4676E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 1.67 167.56 737.17 0.80 5.00 160.18 740.00 0.80

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4683E+02 EXCESS=0.0000E+00 OUTFLOW=0.4683E+02 BASIN STORAGE=0.4685E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 182.61 750.00 0.86 5.00 182.61 750.00 0.86

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5035E+02 EXCESS=0.0000E+00 OUTFLOW=0.5037E+02 BASIN STORAGE=0.3567E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 179.78 750.00 0.85 5.00 179.78 750.00 0.85

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4962E+02 EXCESS=0.0000E+00 OUTFLOW=0.4964E+02 BASIN STORAGE=0.3722E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F	MANE	5.00	177.13	750.00	0.83	5.00	177.13	750.00	0.83
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4889E+02 EXCESS=0.0000E+00 OUTFLOW=0.4891E+02 BASIN STORAGE=0.3645E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F	MANE	5.00	174.71	750.00	0.82	5.00	174.71	750.00	0.82
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4820E+02 EXCESS=0.0000E+00 OUTFLOW=0.4822E+02 BASIN STORAGE=0.3562E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F	MANE	5.00	172.22	750.00	0.81	5.00	172.22	750.00	0.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4748E+02 EXCESS=0.0000E+00 OUTFLOW=0.4749E+02 BASIN STORAGE=0.3711E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F	MANE	5.00	169.79	750.00	0.80	5.00	169.79	750.00	0.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4683E+02 EXCESS=0.0000E+00 OUTFLOW=0.4685E+02 BASIN STORAGE=0.3636E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HSA	MANE	0.75	311.52	762.00	-1.00	5.00	304.73	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSA	MANE	0.75	307.43	762.00	-1.00	5.00	300.56	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSA	MANE	0.75	303.40	762.00	-1.00	5.00	296.42	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSA	MANE	0.75	296.95	762.00	-1.00	5.00	291.69	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSA	MANE	1.00	289.31	762.00	-1.00	5.00	286.98	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSA	MANE	1.00	279.54	766.00	-1.00	5.00	279.21	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSB	MANE	0.73	303.94	765.42	-1.00	5.00	303.39	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSB	MANE	0.73	299.41	766.00	-1.00	5.00	298.68	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSB	MANE	0.73	295.65	765.84	-1.00	5.00	293.89	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSB	MANE	0.74	290.16	766.13	-1.00	5.00	288.28	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSB	MANE	0.74	286.16	765.70	-1.00	5.00	282.60	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT HSB	MANE	0.75	278.25	766.01	-1.00	5.00	273.24	765.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	40.10	840.00	4.68	5.00	40.10	840.00	4.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2743E+02 EXCESS=0.0000E+00 OUTFLOW=0.2743E+02 BASIN STORAGE=0.9775E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	39.79	840.00	4.55	5.00	39.79	840.00	4.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2671E+02 EXCESS=0.0000E+00 OUTFLOW=0.2671E+02 BASIN STORAGE=0.9445E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	39.49	840.00	4.43	5.00	39.49	840.00	4.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2600E+02 EXCESS=0.0000E+00 OUTFLOW=0.2600E+02 BASIN STORAGE=0.9145E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	39.19	840.00	4.31	5.00	39.19	840.00	4.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2528E+02 EXCESS=0.0000E+00 OUTFLOW=0.2528E+02 BASIN STORAGE=0.9698E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	38.89	835.00	4.19	5.00	38.89	835.00	4.19
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2458E+02 EXCESS=0.0000E+00 OUTFLOW=0.2458E+02 BASIN STORAGE=0.9451E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	38.57	835.00	4.06	5.00	38.57	835.00	4.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2383E+02 EXCESS=0.0000E+00 OUTFLOW=0.2383E+02 BASIN STORAGE=0.9209E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT RHA	MANE	2.50	0.53	842.50	-1.00	5.00	0.52	845.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHA	MANE	2.50	0.45	842.50	-1.00	5.00	0.45	845.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHA	MANE	2.00	0.37	844.00	-1.00	5.00	0.37	845.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHA	MANE	2.00	0.30	840.00	-1.00	5.00	0.30	840.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHA	MANE	1.75	0.22	841.75	-1.00	5.00	0.22	845.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHA	MANE	1.50	0.15	843.00	-1.00	5.00	0.14	845.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHB	MANE	2.50	0.76	862.50	-1.00	5.00	0.68	870.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHB	MANE	3.00	0.63	879.00	-1.00	5.00	0.59	870.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHB	MANE	2.75	0.54	871.75	-1.00	5.00	0.42	890.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHB MANE	2.50	0.47	877.50	-1.00	5.00	0.39	895.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHB MANE	2.75	0.34	888.25	-1.00	5.00	0.21	900.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT RHB MANE	2.50	0.19	897.50	-1.00	5.00	0.19	900.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT GV1 MANE	5.00	660.07	750.00	1.95	5.00	660.07	750.00	1.95
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9343E+02 EXCESS=0.0000E+00 OUTFLOW=0.9345E+02 BASIN STORAGE=0.3089E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1 MANE	5.00	649.12	750.00	1.91	5.00	649.12	750.00	1.91
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9164E+02 EXCESS=0.0000E+00 OUTFLOW=0.9165E+02 BASIN STORAGE=0.3293E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1 MANE	5.00	638.18	750.00	1.87	5.00	638.18	750.00	1.87
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8986E+02 EXCESS=0.0000E+00 OUTFLOW=0.8988E+02 BASIN STORAGE=0.3145E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1 MANE	5.00	627.26	750.00	1.84	5.00	627.26	750.00	1.84
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8808E+02 EXCESS=0.0000E+00 OUTFLOW=0.8810E+02 BASIN STORAGE=0.3065E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1 MANE	5.00	616.37	750.00	1.80	5.00	616.37	750.00	1.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8632E+02 EXCESS=0.0000E+00 OUTFLOW=0.8634E+02 BASIN STORAGE=0.3295E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1 MANE	5.00	605.57	750.00	1.76	5.00	605.57	750.00	1.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8452E+02 EXCESS=0.0000E+00 OUTFLOW=0.8454E+02 BASIN STORAGE=0.3311E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2 MANE	5.00	873.88	765.00	1.19	5.00	873.88	765.00	1.19
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2562E+03 EXCESS=0.0000E+00 OUTFLOW=0.2563E+03 BASIN STORAGE=0.2871E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	GV2	MANE	5.00	857.48	765.00	1.17	5.00	857.48	765.00	1.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2512E+03 EXCESS=0.0000E+00 OUTFLOW=0.2513E+03 BASIN STORAGE=0.3583E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	GV2	MANE	5.00	841.17	765.00	1.15	5.00	841.17	765.00	1.15
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2462E+03 EXCESS=0.0000E+00 OUTFLOW=0.2463E+03 BASIN STORAGE=0.3512E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	GV2	MANE	5.00	824.96	765.00	1.12	5.00	824.96	765.00	1.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2413E+03 EXCESS=0.0000E+00 OUTFLOW=0.2413E+03 BASIN STORAGE=0.3455E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	GV2	MANE	5.00	808.81	765.00	1.10	5.00	808.81	765.00	1.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2364E+03 EXCESS=0.0000E+00 OUTFLOW=0.2364E+03 BASIN STORAGE=0.3274E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	GV2	MANE	5.00	792.09	765.00	1.08	5.00	792.09	765.00	1.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2314E+03 EXCESS=0.0000E+00 OUTFLOW=0.2314E+03 BASIN STORAGE=0.3497E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	LD2	MANE	5.00	1770.17	760.00	1.12	5.00	1770.17	760.00	1.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5446E+03 EXCESS=0.0000E+00 OUTFLOW=0.5446E+03 BASIN STORAGE=0.3159E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	LD2	MANE	5.00	1738.60	760.00	1.10	5.00	1738.59	760.00	1.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5341E+03 EXCESS=0.0000E+00 OUTFLOW=0.5341E+03 BASIN STORAGE=0.3224E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT	LD2	MANE	5.00	1707.01	760.00	1.08	5.00	1707.01	760.00	1.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5237E+03 EXCESS=0.0000E+00 OUTFLOW=0.5237E+03 BASIN STORAGE=0.3159E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 1675.44 760.00 1.06 5.00 1675.44 760.00 1.06

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5133E+03 EXCESS=0.0000E+00 OUTFLOW=0.5134E+03 BASIN STORAGE=0.3225E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 1644.65 760.00 1.04 5.00 1644.65 760.00 1.04

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5030E+03 EXCESS=0.0000E+00 OUTFLOW=0.5030E+03 BASIN STORAGE=0.3132E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 1615.81 760.00 1.02 5.00 1615.81 760.00 1.02

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4928E+03 EXCESS=0.0000E+00 OUTFLOW=0.4928E+03 BASIN STORAGE=0.3172E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2 MANE 3.74 1854.85 763.22 1.12 5.00 1839.47 760.00 1.12

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5573E+03 EXCESS=0.0000E+00 OUTFLOW=0.5573E+03 BASIN STORAGE=0.5141E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2 MANE 3.77 1807.45 760.68 1.10 5.00 1797.06 765.00 1.10

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5466E+03 EXCESS=0.0000E+00 OUTFLOW=0.5466E+03 BASIN STORAGE=0.5129E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2 MANE 3.79 1781.69 761.96 1.08 5.00 1755.86 760.00 1.08

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5359E+03 EXCESS=0.0000E+00 OUTFLOW=0.5359E+03 BASIN STORAGE=0.4960E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2 MANE 3.82 1754.49 763.32 1.06 5.00 1733.38 760.00 1.06

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5253E+03 EXCESS=0.0000E+00 OUTFLOW=0.5253E+03 BASIN STORAGE=0.5136E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2 MANE 3.84 1707.62 764.63 1.04 5.00 1701.15 765.00 1.04

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5147E+03 EXCESS=0.0000E+00 OUTFLOW=0.5148E+03 BASIN STORAGE=0.5132E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2 MANE 3.87 1677.71 761.83 1.02 5.00 1660.97 765.00 1.02

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5043E+03 EXCESS=0.0000E+00 OUTFLOW=0.5043E+03 BASIN STORAGE=0.5135E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3	MANE	5.00	1420.31	770.00	1.01	5.00	1420.31	770.00	1.01
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5016E+03 EXCESS=0.0000E+00 OUTFLOW=0.5017E+03 BASIN STORAGE=0.1434E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3	MANE	5.00	1391.69	770.00	1.00	5.00	1391.69	770.00	1.00
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4930E+03 EXCESS=0.0000E+00 OUTFLOW=0.4931E+03 BASIN STORAGE=0.1372E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3	MANE	5.00	1368.07	770.00	0.98	5.00	1368.07	770.00	0.98
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4843E+03 EXCESS=0.0000E+00 OUTFLOW=0.4845E+03 BASIN STORAGE=0.1343E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3	MANE	5.00	1351.02	770.00	0.96	5.00	1351.02	770.00	0.96
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4758E+03 EXCESS=0.0000E+00 OUTFLOW=0.4759E+03 BASIN STORAGE=0.1375E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3	MANE	5.00	1322.13	770.00	0.94	5.00	1322.12	770.00	0.94
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4672E+03 EXCESS=0.0000E+00 OUTFLOW=0.4673E+03 BASIN STORAGE=0.1430E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3	MANE	5.00	1295.93	770.00	0.93	5.00	1295.93	770.00	0.93
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4586E+03 EXCESS=0.0000E+00 OUTFLOW=0.4588E+03 BASIN STORAGE=0.1362E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	252.34	760.00	1.81	5.00	252.34	760.00	1.81
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3183E+02 EXCESS=0.0000E+00 OUTFLOW=0.3183E+02 BASIN STORAGE=0.2923E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	248.24	760.00	1.78	5.00	248.24	760.00	1.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3133E+02 EXCESS=0.0000E+00 OUTFLOW=0.3133E+02 BASIN STORAGE=0.2898E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	244.15	760.00	1.75	5.00	244.15	760.00	1.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3084E+02 EXCESS=0.0000E+00 OUTFLOW=0.3083E+02 BASIN STORAGE=0.2873E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	240.07	760.00	1.72	5.00	240.07	760.00	1.72
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3034E+02 EXCESS=0.0000E+00 OUTFLOW=0.3034E+02 BASIN STORAGE=0.2848E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	235.99	760.00	1.70	5.00	235.99	760.00	1.70
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2985E+02 EXCESS=0.0000E+00 OUTFLOW=0.2984E+02 BASIN STORAGE=0.2823E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	231.99	765.00	1.67	5.00	231.99	765.00	1.67
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2935E+02 EXCESS=0.0000E+00 OUTFLOW=0.2935E+02 BASIN STORAGE=0.2798E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	476.76	770.00	1.97	5.00	476.76	770.00	1.97
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6509E+02 EXCESS=0.0000E+00 OUTFLOW=0.6509E+02 BASIN STORAGE=0.8453E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	469.61	770.00	1.94	5.00	469.61	770.00	1.94
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6412E+02 EXCESS=0.0000E+00 OUTFLOW=0.6412E+02 BASIN STORAGE=0.8398E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	462.47	770.00	1.91	5.00	462.47	770.00	1.91
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6315E+02 EXCESS=0.0000E+00 OUTFLOW=0.6315E+02 BASIN STORAGE=0.8343E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	455.33	770.00	1.88	5.00	455.33	770.00	1.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6218E+02 EXCESS=0.0000E+00 OUTFLOW=0.6219E+02 BASIN STORAGE=0.8288E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	448.19	770.00	1.85	5.00	448.19	770.00	1.85
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6122E+02 EXCESS=0.0000E+00 OUTFLOW=0.6122E+02 BASIN STORAGE=0.8232E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	441.05	770.00	1.82	5.00	441.05	770.00	1.82
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6025E+02 EXCESS=0.0000E+00 OUTFLOW=0.6026E+02 BASIN STORAGE=0.1125E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PE4	MANE	1.50	93.13	759.00	-1.00	5.00	93.06	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE4	MANE	1.50	90.71	759.00	-1.00	5.00	90.57	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE4	MANE	1.50	88.36	756.00	-1.00	5.00	87.99	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE4	MANE	1.50	86.00	756.00	-1.00	5.00	85.45	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE4	MANE	1.50	83.62	756.00	-1.00	5.00	82.91	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PE4	MANE	1.25	81.49	758.75	-1.00	5.00	80.35	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT ML1	MANE	5.00	1064.65	780.00	2.09	5.00	1064.65	780.00	2.09
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2057E+03 EXCESS=0.0000E+00 OUTFLOW=0.2058E+03 BASIN STORAGE=0.7396E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1	MANE	5.00	1042.23	780.00	2.05	5.00	1042.23	780.00	2.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2018E+03 EXCESS=0.0000E+00 OUTFLOW=0.2020E+03 BASIN STORAGE=0.7335E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1	MANE	5.00	1020.90	780.00	2.01	5.00	1020.90	780.00	2.01
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1980E+03 EXCESS=0.0000E+00 OUTFLOW=0.1982E+03 BASIN STORAGE=0.7050E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 999.55 780.00 1.97 5.00 999.55 780.00 1.97

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1942E+03 EXCESS=0.0000E+00 OUTFLOW=0.1944E+03 BASIN STORAGE=0.6990E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 978.24 780.00 1.93 5.00 978.24 780.00 1.93

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1904E+03 EXCESS=0.0000E+00 OUTFLOW=0.1906E+03 BASIN STORAGE=0.6931E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 957.42 780.00 1.89 5.00 957.42 780.00 1.89

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1867E+03 EXCESS=0.0000E+00 OUTFLOW=0.1868E+03 BASIN STORAGE=0.6870E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 0.83 1518.90 789.67 2.05 5.00 1518.81 790.00 2.05

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3177E+03 EXCESS=0.0000E+00 OUTFLOW=0.3177E+03 BASIN STORAGE=0.8770E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 0.84 1491.60 790.41 2.01 5.00 1491.54 790.00 2.01

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3121E+03 EXCESS=0.0000E+00 OUTFLOW=0.3121E+03 BASIN STORAGE=0.8481E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 0.84 1465.57 790.14 1.98 5.00 1465.45 790.00 1.98

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3066E+03 EXCESS=0.0000E+00 OUTFLOW=0.3066E+03 BASIN STORAGE=0.8479E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 0.85 1439.38 790.81 1.94 5.00 1439.36 790.00 1.94

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3011E+03 EXCESS=0.0000E+00 OUTFLOW=0.3011E+03 BASIN STORAGE=0.8410E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 0.85 1413.18 790.73 1.90 5.00 1412.99 790.00 1.91

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2956E+03 EXCESS=0.0000E+00 OUTFLOW=0.2956E+03 BASIN STORAGE=0.8772E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 0.86 1387.67 790.52 1.87 5.00 1387.17 790.00 1.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2901E+03 EXCESS=0.0000E+00 OUTFLOW=0.2901E+03 BASIN STORAGE=0.8734E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 3.36 1517.13 793.00 2.05 5.00 1516.33 790.00 2.05

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3178E+03 EXCESS=0.0000E+00 OUTFLOW=0.3178E+03 BASIN STORAGE=0.3741E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 3.38 1489.26 791.29 2.01 5.00 1488.43 790.00 2.01

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3122E+03 EXCESS=0.0000E+00 OUTFLOW=0.3122E+03 BASIN STORAGE=0.4213E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 3.40 1463.66 792.81 1.98 5.00 1461.64 790.00 1.98

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3067E+03 EXCESS=0.0000E+00 OUTFLOW=0.3067E+03 BASIN STORAGE=0.3979E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 3.42 1435.85 790.96 1.94 5.00 1434.61 790.00 1.94

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3012E+03 EXCESS=0.0000E+00 OUTFLOW=0.3012E+03 BASIN STORAGE=0.3739E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 3.45 1411.14 792.67 1.91 5.00 1408.57 790.00 1.91

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2957E+03 EXCESS=0.0000E+00 OUTFLOW=0.2958E+03 BASIN STORAGE=0.4228E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 3.47 1384.06 794.34 1.87 5.00 1382.05 795.00 1.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2902E+03 EXCESS=0.0000E+00 OUTFLOW=0.2902E+03 BASIN STORAGE=0.3942E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML2 MANE 5.00 3205.30 800.00 1.30 5.00 3205.30 800.00 1.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9005E+03 EXCESS=0.0000E+00 OUTFLOW=0.8991E+03 BASIN STORAGE=0.9999E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2 MANE 5.00 3150.46 800.00 1.28 5.00 3150.46 800.00 1.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8850E+03 EXCESS=0.0000E+00 OUTFLOW=0.8837E+03 BASIN STORAGE=0.9352E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2 MANE 5.00 3095.45 800.00 1.26 5.00 3095.45 800.00 1.26

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8697E+03 EXCESS=0.0000E+00 OUTFLOW=0.8684E+03 BASIN STORAGE=0.9200E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	3042.35	800.00	1.23	5.00	3042.35	800.00	1.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8544E+03 EXCESS=0.0000E+00 OUTFLOW=0.8531E+03 BASIN STORAGE=0.9373E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	2987.96	800.00	1.21	5.00	2987.96	800.00	1.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8392E+03 EXCESS=0.0000E+00 OUTFLOW=0.8379E+03 BASIN STORAGE=0.9963E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	2933.52	800.00	1.19	5.00	2933.52	800.00	1.19
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8239E+03 EXCESS=0.0000E+00 OUTFLOW=0.8227E+03 BASIN STORAGE=0.9287E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.25	420.77	776.25	-1.00	5.00	417.27	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.50	408.33	777.00	-1.00	5.00	403.55	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.25	395.14	777.50	-1.00	5.00	390.96	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.25	385.90	777.50	-1.00	5.00	381.68	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.50	374.24	778.50	-1.00	5.00	371.94	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.50	361.91	778.50	-1.00	5.00	360.25	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT PAT	MANE	5.00	206.54	775.00	1.06	5.00	206.54	775.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3348E+02 EXCESS=0.0000E+00 OUTFLOW=0.3348E+02 BASIN STORAGE=0.3777E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PAT	MANE	5.00	201.93	775.00	1.04	5.00	201.93	775.00	1.04
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3281E+02 EXCESS=0.0000E+00 OUTFLOW=0.3281E+02 BASIN STORAGE=0.3740E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PAT	MANE	5.00	197.33	775.00	1.02	5.00	197.33	775.00	1.02
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3214E+02 EXCESS=0.0000E+00 OUTFLOW=0.3214E+02 BASIN STORAGE=0.3702E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PAT	MANE	5.00	192.77	775.00	1.00	5.00	192.77	775.00	1.00
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3147E+02 EXCESS=0.0000E+00 OUTFLOW=0.3147E+02 BASIN STORAGE=0.3664E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PAT	MANE	5.00	188.22	775.00	0.98	5.00	188.22	775.00	0.98
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3081E+02 EXCESS=0.0000E+00 OUTFLOW=0.3081E+02 BASIN STORAGE=0.3626E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PAT	MANE	5.00	183.70	775.00	0.96	5.00	183.70	775.00	0.96
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3015E+02 EXCESS=0.0000E+00 OUTFLOW=0.3015E+02 BASIN STORAGE=0.3588E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LV3	MANE	5.00	237.62	855.00	0.60	5.00	237.62	855.00	0.60
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8131E+02 EXCESS=0.0000E+00 OUTFLOW=0.8134E+02 BASIN STORAGE=0.7124E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LV3	MANE	5.00	230.87	855.00	0.58	5.00	230.87	855.00	0.58
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7933E+02 EXCESS=0.0000E+00 OUTFLOW=0.7936E+02 BASIN STORAGE=0.7043E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3	MANE	5.00	224.18	855.00	0.57	5.00	224.18	855.00	0.57
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7737E+02 EXCESS=0.0000E+00 OUTFLOW=0.7740E+02 BASIN STORAGE=0.6963E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 217.56 855.00 0.55 5.00 217.56 855.00 0.55

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7542E+02 EXCESS=0.0000E+00 OUTFLOW=0.7546E+02 BASIN STORAGE=0.6729E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 211.00 855.00 0.54 5.00 211.00 855.00 0.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7349E+02 EXCESS=0.0000E+00 OUTFLOW=0.7353E+02 BASIN STORAGE=0.6650E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 204.50 855.00 0.52 5.00 204.50 855.00 0.52

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7158E+02 EXCESS=0.0000E+00 OUTFLOW=0.7162E+02 BASIN STORAGE=0.6827E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 689.33 855.00 0.74 5.00 689.33 855.00 0.74

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2065E+03 EXCESS=0.0000E+00 OUTFLOW=0.2066E+03 BASIN STORAGE=0.1505E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 672.17 855.00 0.73 5.00 672.17 855.00 0.73

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2020E+03 EXCESS=0.0000E+00 OUTFLOW=0.2021E+03 BASIN STORAGE=0.1491E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 655.13 855.00 0.71 5.00 655.13 855.00 0.71

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1975E+03 EXCESS=0.0000E+00 OUTFLOW=0.1976E+03 BASIN STORAGE=0.1440E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 638.20 855.00 0.69 5.00 638.20 855.00 0.69

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1930E+03 EXCESS=0.0000E+00 OUTFLOW=0.1931E+03 BASIN STORAGE=0.1427E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 621.39 855.00 0.68 5.00 621.39 855.00 0.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1886E+03 EXCESS=0.0000E+00 OUTFLOW=0.1887E+03 BASIN STORAGE=0.1369E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 604.72 855.00 0.66 5.00 604.72 855.00 0.66

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1842E+03 EXCESS=0.0000E+00 OUTFLOW=0.1843E+03 BASIN STORAGE=0.1485E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	2.09	512.21	755.01	1.40	5.00	512.21	755.00	1.40
--------	------	------	--------	--------	------	------	--------	--------	------

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6355E+02 EXCESS=0.0000E+00 OUTFLOW=0.6355E+02 BASIN STORAGE=0.6090E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	2.10	502.14	754.87	1.38	5.00	502.06	755.00	1.38
--------	------	------	--------	--------	------	------	--------	--------	------

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6236E+02 EXCESS=0.0000E+00 OUTFLOW=0.6236E+02 BASIN STORAGE=0.5979E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	2.11	492.05	754.77	1.35	5.00	491.89	755.00	1.35
--------	------	------	--------	--------	------	------	--------	--------	------

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6118E+02 EXCESS=0.0000E+00 OUTFLOW=0.6118E+02 BASIN STORAGE=0.7452E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	2.12	481.97	754.72	1.32	5.00	481.76	755.00	1.32
--------	------	------	--------	--------	------	------	--------	--------	------

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6000E+02 EXCESS=0.0000E+00 OUTFLOW=0.6000E+02 BASIN STORAGE=0.7194E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	2.13	471.88	754.71	1.30	5.00	471.68	755.00	1.30
--------	------	------	--------	--------	------	------	--------	--------	------

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5883E+02 EXCESS=0.0000E+00 OUTFLOW=0.5884E+02 BASIN STORAGE=0.6897E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	2.14	461.81	754.76	1.27	5.00	461.66	755.00	1.27
--------	------	------	--------	--------	------	------	--------	--------	------

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5767E+02 EXCESS=0.0000E+00 OUTFLOW=0.5767E+02 BASIN STORAGE=0.6307E-03 PERCENT ERROR= 0.0

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

**Proposed Conditions HEC-1
Parameters**

1

**Proposed Conditions 100Year,
24Hour Event Model HEC-1
Model**

2

**Proposed Conditions 5Year,
24Hour Event HEC-1 Model**

3

2

2

2

```

*****
*
*  JD HYDROGRAPH PACKAGE (HEC-1)
*      MAY 1991
*      VERSION 4.0.1E
*      Lahey F77L-EM/32 version 5.01
*      Dodson & Associates, Inc.
*      RUN DATE 03/21/00 TIME 15:48:59
*****

```

```

*****
*
*      U.S. ARMY CORPS OF ENGINEERS
*      HYDROLOGIC ENGINEERING CENTER
*      609 SECOND STREET
*      DAVIS, CALIFORNIA 95616
*      (916) 551-1748
*
*****

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X   X  XXXXXXX  XXXXX      X
X   X  X      X   X      XX
X   X  X      X           X
XXXXXXX  XXXX  X      XXXXX  X
X   X  X      X           X
X   X  X      X   X      X
X   X  XXXXXXX  XXXXX      XXX

```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -AMSK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
 NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
 DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
 KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

HEC-1 INPUT

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

*DIAGRAM

```

1  ID  CITY OF RENO / STEAD DRAINAGE MASTER PLAN HEC-1 MODEL
2  ID  PREPARED FOR CITY OF RENO, WASHOE COUNTY, NEVADA
3  ID
4  ID  5-YEAR, 24-HOUR EVENT PROPOSED CONDITIONS HYDROLOGIC MODEL
5  ID  PREPARED BY STANTEC CONSULTING, SPARKS, NEVADA
6  ID  JOB # :26000208
7  ID  FILE NAME: PR_5.DAT
8  ID  DATE: NOVEMBER 1999
9  ID  *****
10 ID  BALANCED STORM DISTRIBUTION (PH CARDS)
11 ID  RAINFALL DEPTH FROM SSPFS, 1997
12 ID  SCS CURVE NUMBER METHOD
13 ID  MUSKINGUM CUNGE ROUTING
14 ID  *****
15 IT  5          1200
16 IO  5

```

```

* *****
*      DEPTH AREA REDUCTION FACTORS
* *****
*      AREA ( SQ. MI.)      DARF

```

* 0 - 2 1.00
 * 2.1 - 8 0.99
 * 8.1 - 16 0.98
 * 16.1 - 29 0.97
 * 29.1 - 43 0.96
 * 43.1 - 65 0.95

* *****

17 JR PREC 1.00 0.99 0.98 0.97 0.96 0.95

* *****

*

* *****

* SILVER LAKE DRAINAGE BASIN *

* *****

*

18 KK FR1 FREDS MOUNTAIN BASIN 1

19 BA 13.01

20 PH 0.001 0.25 0.45 0.76 1.00 1.19 1.58 1.98 2.38

21 LS 75

22 UD 2.22

23 KK FR2 FREDS MOUNTAIN BASIN 2

24 BA 6.84

25 PH 0.001 0.23 0.42 0.70 0.93 1.11 1.47 1.82 2.16

26 LS 74

27 UD 1.64

28 KK CP FRD COMBINE HYDROGRAPHS FROM BASINS FR1 & FR2

29 HC 2

HEC-1 INPUT

PAGE 2

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

30 KK RT K4A ROUTE CONC PT FRD TO CONC PT SK4

31 RD 10675 .007 .045 TRAP 5 50

32 KK RR1 RED ROCK BASIN 1

33 BA 4.23

34 PH 0.001 0.26 0.47 0.79 1.03 1.22 1.60 2.03 2.46

35 LS 79

36 UD 1.64

37 KK RT K4B ROUTE RR1 HYDROGRAPH TO NW AIRPORT PROPERTY CORNER

38 RD 2960 .019 .035 TRAP 3 3

39 KK RT K4C CONTINUE ROUTE TO CONC PT SK4

40 RD 3525 .016 .040 TRAP 5 3

41 KK SK4 SILVER KNOLLS BASIN 4

42 BA 6.25

43 PH 0.001 0.24 0.44 0.73 0.97 1.15 1.53 1.91 2.28

44 LS 77

45 UD 1.34

46 KK CP SK4 COMBINE CONC PT FRD WITH RR1 & SK4 HYDROGRAPHS

47 HC 3

* *****

* PROPOSED REGIONAL RETENTION FACILITY
 * Approximate 250 ac-ft basin with free spillway

48 KK SARB RETENTION BASIN NORTH OF STEAD AIRPORT
 49 RS 1 STOR 0
 50 SA 0 62.5 62.5 62.5
 51 SE 5035.9 5036 5040 5041
 52 SQ 0 0 0 10000

* ***** *

53 KK RT SK3 ROUTE CONC PT SK4 TO CONC PT SK3
 54 RD 8600 .004 .040 TRAP 5 50

55 KK SK3 SILVER KNOLLS BASIN 3
 56 BA 7.81
 57 PH 0.001 0.24 0.43 0.72 0.95 1.13 1.50 1.90 2.29
 58 LS 80
 59 UD 1.58

60 KK CP SK3 COMBINE CONC PT SK4 WITH SK3 HYDROGRAPH
 61 HC 2

62 KK RT K2A ROUTE CONC PT SK3 TO OSAGE WETLAND AREA
 63 RD 6525 .0025 .040 TRAP 3 5

HEC-1 INPUT

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

64 KK SK2 SILVER KNOLLS BASIN 2
 65 BA 2.40
 66 PH 0.001 0.24 0.44 0.73 0.96 1.14 1.50 1.92 2.33
 67 LS 81
 68 UD 1.35

69 KK CP SK2 COMBINE TWO HYDROGRAPHS @ THE OUTLET OF SK2
 70 HC 2

71 KK SK1 SILVER KNOLLS BASIN 1
 72 BA 1.60
 73 PH 0.001 0.23 0.43 0.71 0.95 1.14 1.53 1.97 2.41
 74 LS 76
 75 UD 0.87

76 KK CB SLK COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE
 77 HC 2
 *

78 KK PW6 PEAVINE WEST BASIN 6
 79 BA 1.21
 80 PH 0.001 0.23 0.42 0.69 0.94 1.12 1.51 1.97 2.43
 81 LS 67
 82 UD 1.11

83 KK DV PW6 DIVERT PIPE FLOW THRU 60" RCP & 24" RCP BENEATH HIGHWAY 395 TO SS2
 84 KM DIVERSION RATING FROM NIMBUS ENGINEERS H&H ANALYSIS FOR
 85 KM SILVER SHORES #8, DATED APRIL 1993

86 DT 60PW6
 87 DI 0 100 200 214 300
 88 DQ 0 100 200 214 214

* Remove routing for 5-year model

* RT RRI ROUTE OVERFLOW AT 60" TO CONC PT RRI

* 1350 .019 .025 TRAP 1 4.5

89 KK PW5 PEAVINE WEST BASIN 5
 90 BA 0.90
 91 PH 0.001 0.23 0.41 0.69 0.95 1.15 1.56 2.02 2.48
 92 LS 67
 93 UD 1.19

94 KK DV PW5 DIVERT OVERFLOW AT INTERSECTION OF RED ROCK ROAD AND N. VIRGINIA
 95 KM DIVERT OVERFLOW TO BASIN PW4
 96 DT RR&NV
 97 DI 0 15 17 66 170
 98 DQ 0 0 1 32 104

99 KK RRI RED ROCK INTERCHANGE BASIN
 100 BA 0.02
 101 PH 0.001 0.24 0.43 0.71 0.95 1.14 1.52 1.96 2.39
 102 LS 86
 103 UD 0.14

HEC-1 INPUT

PAGE 4

1

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

104 KK CP RRI COMBINE HYDROGRAPHS FROM PW5 & PW6 WITH RRI
 105 HC 3

106 KK DV RRI DIVERT PIPE FLOW AT 24" RCP BENEATH SOUTHBOUND RED ROCK INT ONRAMP
 107 KM DIVERT PIPE FLOW TO BASIN SS2
 108 DT 24RRI
 109 DI 0 30 100 200
 110 DQ 0 30 30 30

*
 * The total surface flow at the Red Rock Underpass will flow in both
 * sides of the roadway to the north, and some flows from the street will
 * overtop the street and combine with flows in the roadside channels.
 * The potential split flows at this location was not quantified. For the
 * purpose of this model, the total flow was routed in the street to Moya Blvd
 * where the street flows combine with the channel flows.
 *

* Remove routing for 5-year model
 * RT R3C ROUTE FLOWS IN THE STREET TO RED ROCK & MOYA
 * 2350 .035 .016 TRAP 1.5 25

111 KK SS2 SILVER SHORES BASIN 2
 112 BA 0.10
 113 PH 0.001 0.23 0.43 0.71 0.95 1.13 1.51 1.93 2.36
 114 LS 90
 115 UD 0.25

116 KK 60RCP RETRIEVE 60" RCP PIPE FLOW DIVERSION FROM BASIN PW6
 117 DR 60PW6

118 KK RT SS2 ROUTE FLOW TO CONC PT SS2
 119 RD 1525 .033 .035 TRAP 6 3

120 KK 24CMP RETRIEVE 24" CMP PIPE FLOW DIVERSION FROM BASIN RRI
 121 DR 24RRI

122 KK CP SS2 COMBINE CP RR1, 24" CMP AND 60" RCP WITH SS2 HYDROGRAPH

123 HC 3

124 KK RT R3D ROUTE CONC PT SS2 IN EX CONCRETE CHANNEL ALONG RED ROCK TO MOYA BLVD
125 RD 1620 .021 .022 TRAP 10 2

126 KK CB MOY COMBINE THE CHANNEL FLOWS & THE STREET FLOWS
127 HC 2

*
* US 395 CULVERT DIVERSION RATINGS FOR BASINS PW1 THRU PW4 WERE TAKEN FROM
* NIMBUS ENGINEERS HYDROLOGIC AND HYDRAULIC ANALYSIS FOR SILVER SHORES #8,
* DATED APRIL 1993
*

HEC-1 INPUT

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

128 KK PW1 PEAVINE WEST BASIN 1
129 BA 0.42
130 PH 0.001 0.23 0.41 0.69 0.95 1.14 1.55 2.04 2.52
131 LS 71
132 UD 0.59

133 KK DV PW1 DIVERT PIPE FLOW AT 48" RCP BENEATH 395 TO BASIN GR4
134 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
135 DT 48PW1
136 DI 0 63 139 195 261
137 DQ 0 63 90 105 115

138 KK DV PW2 DIVERT PIPE FLOW AT 24" RCP BENEATH 395 TO BASIN GR4
139 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
140 DT 24PW2
141 DI 0 62 91 126 169 220
142 DQ 0 10 12 14 16 18

* Remove routing for 5-year model
* RT PW2 ROUTE OVERFLOW EAST DOWN 395 TO CONC PT PW2
* 1150 .060 .025 TRAP 1 4.5

143 KK PW2 PEAVINE WEST BASIN 2
144 BA 0.23
145 PH 0.001 0.23 0.42 0.69 0.95 1.14 1.55 2.02 2.50
146 LS 71
147 UD 0.48

148 KK CP PW2 COMBINE HYDROGRAPHS FROM BASINS PW1 & PW2
149 HC 2

150 KK DV PW2 DIVERT PIPE FLOW AT 42" RCP BENEATH 395 TO BASIN GR4
151 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8
152 DT 42PW2
153 DI 0 116 133 173 252 379 561
154 DQ 0 116 121 125 130 135 140

* Remove routing for 5-year model
* RT PW3 ROUTE OVERFLOW EAST DOWN 395 TO CONC PT PW3
* 1750 .060 .025 TRAP 1 4.5

155 KK PW3 PEAVINE WEST BASIN 3
156 BA 1.02
157 PH 0.001 0.23 0.41 0.69 0.94 1.14 1.54 2.03 2.51
158 LS 71

159 UD 0.92

160 KK CP PW3 COMBINE HYDROGRAPHS FROM CONC PT PW2 WITH BASIN PW3
161 HC 2

162 KK DV PW3 DIVERT PIPE FLOW AT 48" RCP BENEATH 395 TO BASIN GR4
163 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8

164 DT 48PW3
165 DI 0 160 330 367 463
166 DQ 0 160 200 206 220

HEC-1 INPUT

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

167 KK PW4 PEAVINE WEST BASIN 4

168 BA 1.55

169 PH 0.001 0.23 0.42 0.69 0.94 1.13 1.53 2.01 2.48

170 LS 68

171 UD 0.87

172 KK RRINT RETRIEVE DIVERSION AT INTERSECTION OF RED ROCK AND N. VIRGINIA (PW5)

173 DR RR&NV

174 KK DV PW4 DIVERT PIPE FLOW AT 42" RCP BENEATH 395 TO BASIN GR3

175 KM DIVERSION RATING FROM NIMBUS-SILVER SHORES #8

176 DT 42PW4

177 DI 0 115 366 540

178 DQ 0 115 130 140

179 KK CP PW4 COMBINE CONC PT PW3 & PW5 SPLIT WITH PW4 HYDROGRAPH

180 HC 3

181 KK DET48 DETENTION STORAGE AT CONC PT PW4, INLET OF 48" RCP BENEATH 395

182 KM DETENTION RATING MODIFIED FROM NIMBUS-SILVER SHORES #8

183 RS 1 STOR 0

184 SA 0 0.01 0.09 0.21 0.37 1.40 3.88 5.44 5.5

185 SE 66.9 70 72 74 76 80 84 86 87 88

186 SQ 0 50 108 150 182 234 277 295 305 305

187 KK RT R4E ROUTE FLOW AT 48" RCP OUTLET TO CONC PT GR4

188 RD 560 .025 .040 TRAP 10 2

*

* RETRIEVE PIPE DIVERSION FLOWS FROM BASINS PW1 - PW3

*

189 KK 48RCP RETRIEVE 48" RCP DIVERSION FROM BASIN PW1

190 DR 48PW1

191 KK RT R4A ROUTE FLOW AT 48" OUTLET TO CONC PT GR4

192 RD 5330 .049 .035 TRAP 7 2

193 KK 24RCP RETRIEVE 24" RCP DIVERSION FROM BASIN PW2

194 DR 24PW2

* Remove routing for 5-year model

* RT R4B ROUTE FLOW AT 24" OUTLET TO CONC PT GR4

* 4660 .049 .034 TRAP 9 2

195 KK 42RCP RETRIEVE 42" RCP DIVERSION FROM BASIN PW2

196 DR 42PW2

197 KK RT R4C ROUTE FLOW AT 42" OUTLET TO CONC PT GR4
 198 RD 3020 .046 .033 TRAP 12 1.5
 HEC-1 INPUT

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

199 KK 48RCP RETRIEVE 48" RCP DIVERSION FROM BASIN PW3
 200 DR 48PW3

201 KK RT R4D ROUTE FLOW AT 48" OUTLET TO CONC PT GR4
 202 RD 760 .032 .040 TRAP 10 2

203 KK GR4 GRANITE HILLS BASIN 4
 204 BA 0.39
 205 PH 0.001 0.23 0.42 0.70 0.96 1.15 1.56 2.01 2.46
 206 LS 75
 207 UD 0.35

208 KK CP GR4 COMBINE ALL PIPE DIVERSIONS & CONC PT PW4 WITH GR4 HYDROGRAPH
 209 HC 6

210 KK RT R3A ROUTE CONC PT GR4 TO CONC PT GR3 AT RED ROCK ROAD AND MOYA BLVD
 211 RD 1670 .013 .040 TRAP 10 3

212 KK 42RCP RETRIEVE 42" RCP DIVERSION FROM BASIN PW4
 213 DR 42PW4

214 KK RT R3B ROUTE FLOW AT 42" OUTLET TO CONC PT GR3
 215 RD 1975 .020 .040 TRAP 6 2

216 KK GR3 GRANITE HILLS BASIN 3
 217 BA 0.11
 218 PH 0.001 0.23 0.43 0.71 0.95 1.14 1.53 1.98 2.42
 219 LS 82
 220 UD 0.35

221 KK CP GR3 COMBINE CONC PTS GR4, 42" PW4 RCP, AND GR3 HYDROGRAPH
 222 HC 3

223 KK CP CHN COMBINE CONC PT GR3 WITH SS2 CHANNEL FLOW.
 224 HC 2

225 KK RT SLB ROUTE CONC PT CHN IN CHANNEL TO SILVER LAKE
 226 RD 3260 .015 .035 TRAP 12 3

227 KK GR2 GRANITE HILLS BASIN 2
 228 BA 0.10
 229 PH 0.001 0.23 0.43 0.71 0.96 1.15 1.54 1.97 2.41
 230 LS 78
 231 UD 0.37

232 KK RT SLA ROUTE GR2 HYDROGRAPH IN NATURAL CHANNEL TO SILVER LAKE
 233 RD 1690 .018 .040 TRAP 3 3

234 KK GR1 GRANITE HILLS BASIN 1
 235 BA 0.58
 236 PH 0.001 0.23 0.42 0.70 0.96 1.15 1.55 1.99 2.42
 237 LS 74

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

239 KK CB SLK COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE
 240 HC 4
 *

241 KK PA1 PEAVINE ADDITIONAL BASIN 1
 242 BA 0.41
 243 PH 0.001 0.23 0.42 0.69 0.93 1.11 1.48 1.92 2.36
 244 LS 68
 245 UD 0.40

246 KK RT SS1 ROUTE PA1 HYDROGRAPH TO CONC PT SS1
 247 RD 965 .046 .035 TRAP 5 2.5

248 KK SS1A SILVER SHORES BASIN 1A
 249 BA 0.02
 250 PH 0.001 0.23 0.42 0.70 0.94 1.12 1.49 1.90 2.32
 251 LS 87
 252 UD 0.15

253 KK SS1B SILVER SHORES BASIN 1B
 254 BA 0.01
 255 PH 0.001 0.23 0.42 0.70 0.94 1.12 1.49 1.90 2.32
 256 LS 90
 257 UD 0.06

258 KK DT SS1 ROUTE RUNOFF FROM BASIN SS1B THRU DETENTION BASIN
 259 RS 1 STOR 0
 260 SA 0 0.025 0.036 0.049 0.064 0.081 0.098 0.098
 261 SE 17.5 18 19 20 21 22 23 23.5
 262 SQ 0 1 2.5 4 4.5 5.5 6 121

263 KK CP SS1 COMBINE PA1 & SS1 HYDROGRAPHS AT CONC PT SS1
 264 HC 3

265 KK RT SS3 ROUTE CONC PT SS1 NORTH TO MOYA BLVD
 266 RD 3115 .038 .035 TRAP 5 3

267 KK SS3 SILVER SHORES BASIN 3
 268 BA 0.36
 269 PH 0.001 0.24 0.43 0.71 0.95 1.13 1.50 1.92 2.34
 270 LS 89
 271 UD 0.39

272 KK CB SLK COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE
 273 HC 3
 *

274 KK SL2 SILVER LAKE BASIN 2
 275 BA 0.04
 276 PH 0.001 0.23 0.42 0.70 0.93 1.11 1.48 1.89 2.30
 277 LS 90
 278 UD 0.23

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

279	KK	RT L3A	ROUTE SL2 HYDROGRAPH TO CONC PT SL3A								
280	RD	2400	.005	.013		CIRC	3				
281	KK	SL3A	SILVER LAKE BASIN 3A								
282	BA	0.08									
283	PH		0.001	0.23	0.42	0.70	0.94	1.12	1.49	1.90	2.30
284	LS		89								
285	UD	0.20									
286	KK	C SL3A	COMBINE HYDROGRAPHS FROM BASINS SL2 & SL3A								
287	HC	2									
288	KK	DT L3A	ROUTE THRU SL3A DETENTION BASIN								
	*		DETENTION BASIN PARAMETERS BASED ON PYRAMID ENGINEERS GRADING PLAN								
	*		FOR SPECIAL USE PERMIT DATED FEB 98								
289	RS	1	STOR	0							
290	SA	0	0.13	0.19	0.26	0.33	0.41	0.52	0.58		
291	SE	3.9	4	6	8	10	12	14	16		
292	SL	4.9	3.14	0.65	0.5						
293	SS	13.3	137	2.6	1.5						
294	KK	RT L3B	ROUTE TO CP SL3B								
295	RD	1170	0.024	0.035		TRAP	5	4			
296	KK	SL3B	SILVER LAKE BASIN 3B								
297	BA	0.05									
298	PH		0.001	0.23	0.42	0.71	0.94	1.12	1.49	1.90	2.30
299	LS		90								
300	UD	0.21									
301	KK	CB SL3	COMBINE FLOWS FROM THE DETENTION OUTLET & SL3B								
302	HC	2									
303	KK	RT GC3	ROUTE CONC PT SL3 TO CONC PT GC3								
304	RD	605	.016	.035		TRAP	5	3			
305	KK	GC3	GOLF COURSE BASIN 3								
306	BA	0.12									
307	PH		0.001	0.23	0.42	0.70	0.94	1.11	1.48	1.88	2.28
308	LS		87								
309	UD	0.23									
310	KK	CB GC3	COMBINE CONC PT SL3 AND GC3 HYDROGRAPHS AT DROP INLET STRUCTURE								
311	HC	2									
312	KK	CB SLK	COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE								
313	HC	2									
	*										

HEC-1 INPUT

PAGE 10

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

314	KK	PA2	PEAVINE ADDITIONAL BASIN 2								
315	BA	0.25									
316	PH		0.001	0.23	0.42	0.69	0.93	1.10	1.47	1.89	2.32
317	LS		71								

318	UD	0.28										
319	KK RT SL1		ROUTE PA2 HYDROGRAPH TO CONC PT SL1									
320	RD	755	.017	.013		CIRC						3
321	KK	SL1	SILVER LAKE BASIN 1									
322	BA	0.02										
323	PH		0.001	0.23	0.42	0.70	0.93	1.11	1.48	1.88	2.29	
324	LS		88									
325	UD	0.10										
326	KK CP SL1		COMBINE HYDROGRAPHS FROM BASINS PA2 & SL1									
327	HC	2										
328	KK RT C2A		ROUTE CONC PT SL1 NORTH THRU BASIN GC2									
329	RD	4860	.028	.035		TRAP		4				3
330	KK RT C2B		CONTINUE ROUTING IN LARGE CHANNEL TO CONC PT GC2									
331	RD	1270	.006	.035		TRAP		20				3
332	KK	GC2	GOLF COURSE BASIN 2									
333	BA	0.18										
334	PH		0.001	0.23	0.42	0.70	0.93	1.11	1.47	1.87	2.27	
335	LS		82									
336	UD	0.44										
337	KK CB GC2		COMBINE CONC PT SL1 & BASIN GC2 HYDROGRAPHS - NOT THE TOTAL FLOW									
338	HC	2										
		*										
339	KK	PA3	PEAVINE ADDITIONAL BASIN 3									
340	BA	0.10										
341	PH		0.001	0.23	0.42	0.69	0.92	1.10	1.46	1.88	2.29	
342	LS		78									
343	UD	0.25										
344	KK RT LEA		ROUTE PA3 HYDROGRAPH TO 30" RCP INLET BEHIND SILVER LAKE ESTATES									
345	RD	600	.067	.035		TRAP		4				5
346	KK DV SLE		DIVERT OVERFLOW AT 30" RCP TO BASIN SLE									
347	DT	30SLE										
348	DI	0	50	100	200							
349	DQ	0	0	50	150							
350	KK RT LEC		ROUTE TO THE PIPE OUTLET									
351	RD	835	0.040	0.013		CIRC						2.5
						HEC-1 INPUT						
LINE	ID	.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10										
352	KK RT C1A		ROUTE FLOW AT 30" OUTLET TO CONC PT GC1									
353	RD	3365	.029	.035		TRAP		4				3
354	KK	GC1	GOLF COURSE BASIN 1									
355	BA	0.25										
356	PH		0.001	0.23	0.42	0.69	0.92	1.10	1.46	1.85	2.24	
357	LS		80									
358	UD	0.36										

402 UD 0.06

403 KK RT A7A ROUTE PA5 HYDROGRAPH TO CONC PT PA7
 404 RD 1235 .042 .013 CIRC 1.8

405 KK PA7 PEAVINE ADDITIONAL BASIN 7
 406 BA 0.02
 407 PH 0.001 0.23 0.42 0.69 0.92 1.10 1.46 1.86 2.25
 408 LS 81
 409 UD 0.23

410 KK CP PA7 COMBINE CONC PT PA6 WITH BASIN PA5 & PA7 HYDROGRAPHS
 411 HC 3

412 KK RT SDA ROUTE TO CP RSD THRU 54" PIPE TO THE PIPE OUTLET
 413 RD 1210 .035 .013 CIRC 4.5

414 KK RT SDB CONTINUE ROUTING TO CP RSD IN THE CHANNEL
 415 RD 785 .020 .035 TRAP 6 3

416 KK AW1 AUTO WRECKER BASIN 1
 417 BA 0.04
 418 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.46 1.86 2.27
 419 LS 69
 420 UD 0.26

421 KK PW7SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PW7
 422 DR RRPW7

423 KK CP AW1 COMBINE SPLIT FLOW FROM PW7 WITH BASIN AW1 HYDROGRAPH
 424 HC 2

425 KK DV AW1 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN AW2
 426 DT RRAW1
 427 DI 0 25 39 73 128
 428 DQ 0 0 7 39 93

HEC-1 INPUT

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

429 KK RT AWC ROUTE FLOW AT 24" OUTLET TO 30" CMP INLET BEHIND AUTO WRECKER
 430 RD 1180 .080 .035 TRAP 3 5

431 KK RT AWD ROUTE THRU 30" CMP TO CONC PT AW3
 432 KM (Excess flow will travel overland to conc pt AW3)
 433 RD 705 .074 .024 CIRC 2.5

434 KK AW2 AUTO WRECKER BASIN 2
 435 BA 0.36
 436 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.46 1.87 2.28
 437 LS 68
 438 UD 0.82

439 KK AW1SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN AW1
 440 DR RRAW1
 * Remove routing for 5-year model
 * RT AW1 ROUTE THE SPLIT ALONG RAILROAD SIDING TO BASIN AW2
 * 515 .006 .035 TRAP 12 3

441 KK CP AW2 COMBINE SPLIT FLOW FROM AW1 WITH BASIN AW2 HYDROGRAPH
 442 HC 2

443 KK DET36 DETENTION STORAGE AT CONC PT AW2, INLET OF 36" CMP AT RAILROAD
 444 RS 1 STOR 0
 445 SA 0 0.5 1.1
 446 SE 5285.8 5300.0 5314.0
 447 SQ 0 125 160

448 KK RT AWE ROUTE FLOW AT 36" OUTLET TO 36" CMP INLET BEHIND AUTO WRECKER
 449 RD 700 .061 .035 TRAP 4 2.5

450 KK DV A36 DIVERT PIPE FLOW AT 36" CULVERT TO BASIN SI1
 451 KM (Rating for this diversion based upon limiting conditions at
 452 KM downstream section of pipe)
 453 DT 36AW3
 454 DI 0 45 200
 455 DQ 0 45 45

* Remove routing for 5-year model
 * RT AWF ROUTE OVERFLOW AT 36" INLET TO CONC PT AW3
 * 1410 .052 .020 TRAP 10 50

456 KK 2-24 RETRIEVE SPLIT AT DUAL 24" CMP's AT PA4 OUTLET
 457 DR 24PA4

* Remove routing for 5-year model
 * RT AWA ROUTE OVERFLOW AT DUAL 24's EAST TO 18" CMP INLET
 * 575 .030 .025 TRAP 3 10

458 KK DV 18 DIVERT PIPE FLOW AT 18" CMP TO BASIN SRS
 459 DT 18AW3
 460 DI 0 11 14 30 61 107
 461 DQ 0 11 11 11 13 17

* Remove routing for 5-year model
 * RT AWB ROUTE OVERFLOW AT 18" INLET EAST TO CONC PT AW3
 * 1055 .053 .025 TRAP 3 10

HEC-1 INPUT

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

462 KK AW3 AUTO WRECKER BASIN 3
 463 BA 0.11
 464 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.45 1.84 2.24
 465 LS 88
 466 UD 0.15

467 KK CP AW3 COMBINE FLOWS AT CONC PT AW3
 468 HC 4

469 KK DV A30 DIVERT PIPE FLOW AT 30" CMP TO BASIN SI1
 470 DT 30AW3
 471 DI 0 27 35 59 106 178 275
 472 DQ 0 27 28 29 30 31 32

* Remove routing for 5-year model
 * RT RSC ROUTE CONC PT AW3 TO CONC PT SRS
 * 2475 .023 .035 TRAP 7 2.5

473 KK 36RCP RETRIEVE DIVERSION FROM BASIN PA6
 474 DR 36PA6
 * USE KINEMATIC WAVE ROUTING - HEC-1 MODEL WILL NOT RUN WITH MUSK-CUNGE HERE

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* Remove routing for 5-year model
* RT RSA  ROUTE DIVERSION FROM PA6 TO CONC PT SRS
* 1745  .047  .035          TRAP      3      1

475  KK 18CMP  RETRIEVE 18" CMP DIVERSION FROM BASIN AW3
476  DR 18AW3
* Remove routing for 5-year model
* RT RSB  ROUTE FLOW AT 18" OUTLET TO CONC PT SRS
* 2305  .046  .040          TRAP      3      1

477  KK  SRS  STEAD RAIL SPUR BASIN
478  BA 0.03
479  PH          0.001  0.23  0.41  0.69  0.92  1.09  1.45  1.85  2.24
480  LS          91
481  UD 0.21

482  KK CP SRS  COMBINE FLOWS AT CONC PT SRS
483  HC 4

484  KK RT SDC  ROUTE FROM CP SRS TO CP RSD IN THE CHANNEL
485  RD 1260  .020  .035          TRAP      6      3

486  KK 30CMP  RETRIEVE FLOW AT 30" OUTLET AT CONC PT AW3
487  DR 30AW3

488  KK 36CMP  RETRIEVE FLOW AT 36" INLET BEHIND AUTO WRECKER
489  DR 36AW3

490  KK RT AWG  ROUTE PIPE FLOW AT 36" INLET TO THE OUTLET
491  RD 1220  .061  .024          CIRC      3
          HEC-1 INPUT

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

492  KK CP CHL  COMBINE OUTLET FLOWS OF 30" & 36" CMP's IN EX EARTH CHANNEL
493  HC 2

494  KK RT I1A  ROUTE FLOW AT 30" & 36" OUTLETS TO CONC PT SI1
495  RD 1385  .028  .035          TRAP     12     1.5

496  KK DV SI1  DIVERT PIPE FLOW AT 36" CMP BENEATH STEAD INTERCHANGE ONRAMP
497  KM          (Divert pipe flow to basin SI2 based upon rating at SB offramp)
498  DT 36SI1
499  DI 0      32      42      65      98      149
500  DQ 0      32      38      46      50      54

501  KK  SI1  STEAD INTERCHANGE BASIN 1
502  BA 0.04
503  PH          0.001  0.23  0.41  0.69  0.91  1.09  1.45  1.83  2.21
504  LS          88
505  UD 0.14

506  KK CP SI1  COMBINE CHANNEL OVERFLOW WITH BASIN SI1 HYDROGRAPH
507  HC 2

508  KK DV STD  DIVERT STREET FLOWS @ THE INLET OF 24" CMP TO CP ST1
509  DT STDBL1
510  DI 0      21      50      100
511  DQ 0      0      29      79

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512 KK 0-CFS DIVERT ALL PIPE FLOWS HERE
 513 DT 24S11
 514 DI 0 21 50
 515 DQ 0 21 50
 * TOTAL FLOW HERE FROM S11 = 0 CFS - COMBINE @ CP RSD

516 KK 36CMP RETRIEVE 36" CMP DIVERSION FROM BASIN S11
 517 DR 36S11

518 KK RT S12 ROUTE FLOW AT 36" OUTLET TO CONC PT S12
 519 RD 695 .020 .035 TRAP 12 1.5

520 KK S12 STEAD INTERCHANGE BASIN 2
 521 BA 0.01
 522 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.45 1.83 2.21
 523 LS 80
 524 UD 0.12

525 KK CP S12 COMBINE CHANNEL FLOW WITH S12 HYDROGRAPH
 526 HC 2
 * Begin storm drain network @ 48" RCP w/barscreen inlet

527 KK RT T1A ROUTE CP S12 TO THE WEST SIDE OF THE RAILROAD TRACKS
 528 KM PROPOSED 48" RCP OR EQUIVALENT BENEATH RAILROAD
 529 RD 485 .009 .024 CIRC 4
 HEC-1 INPUT

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

530 KK RT SDD ROUTE FROM 24" CMP OUTLET TO CP RSD
 531 RD 680 .017 .035 TRAP 6 3

532 KK CB RSD COMBINE FOUR HYDROGRAPHS AT CP RSD - NOT THE TOTAL FLOW
 533 HC 4

534 KK RSD RAIL SPUR DITCH BASIN
 535 BA 0.02
 536 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.45 1.84 2.23
 537 LS 88
 538 UD 0.17

539 KK PA3SP RETRIEVE DIVERSION AT 30" RCP INLET BEHIND SILVER LAKE ESTATES
 540 DR 30SLE
 * USE KINEMATIC WAVE ROUTING - HEC-1 MODEL WILL NOT RUN WITH MUSK-CUNGE HERE
 * Remove routing for 5-year model
 * RT LEB ROUTE THE OVERFLOW TO CP SLE
 * 3275 .017 .013 TRAP 1.5 50

541 KK SLE SILVER LAKE ESTATES BASIN
 542 BA 0.13
 543 PH 0.001 0.23 0.42 0.69 0.92 1.10 1.46 1.86 2.25
 544 LS 88
 545 UD 0.29

546 KK CP SLE COMBINE DIVERSION FLOWS & SLE @ CP SLE
 547 HC 2

548 KK DV SLE DIVERT ROADWAY SPLIT FLOW TO BASIN GC1

549 KM OVERFLOW AT N EDGE OF SILVER LAKE BLVD, WEST OF RAILROAD
 550 DT STSLE
 551 DI 0 28 100 300
 552 DQ 0 0 72 272

553 KK CP RSD COMBINE ALL FLOWS @ CP RSD
 554 HC 3

555 KK RT C1C ROUTE CONC PT RSD TO CONC PT GC1
 556 RD 3835 .016 .035 TRAP 10 1

557 KK RC SLE RETRIEVE DIVERSION FROM BASIN SLE
 558 DR STSLE

* Remove routing for 5-year model
 * RT C1B ROUTE SPLIT OVERFLOW FROM CP SLE TO CP GC1
 * 4205 .019 .035 TRAP 10 1

559 KK CP GC1 COMBINE CONC PTS RSD, SLE SPLIT WITH GC1 HYDROGRAPH
 560 HC 3

HEC-1 INPUT

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

561 KK RT C2C ROUTE CONC PT GC1 TO TOP OF USBR STRUCTURE
 562 RD 1400 .009 .035 TRAP 12 2

563 KK RT C2D CONTINUE ROUTING FROM BOTTOM OF USBR STRUCTURE TO END OF CHANNEL
 564 RD 1740 .007 .035 TRAP 20 3

565 KK CP GC2 COMBINE CONC PTS GC1 & GC2 IN CHANNEL AT MOYA BLVD CULVERT INLETS
 566 HC 2

567 KK UPR UNION PACIFIC REALTY BASIN
 568 BA 0.14
 569 PH 0.001 0.23 0.42 0.70 0.94 1.11 1.48 1.87 2.27
 570 LS 92
 571 UD 0.42

572 KK CB SLK COMBINE FLOWS AT SILVER LAKE - NOT THE TOTAL FLOW @ SILVER LAKE
 573 HC 3
 *

574 KK LEA LEAR DRAINAGE BASIN
 575 BA 0.14
 576 PH 0.001 0.23 0.42 0.70 0.93 1.10 1.47 1.85 2.24
 577 LS 91
 578 UD 0.52

579 KK DV LEA DIVERT STORM DRAIN FLOWS EAST TO STEAD BLVD IN BASIN ST2
 580 KM 30" STORM DRAIN ALONG JCPENNEY NORTH ENTRANCE ROAD
 581 DT 30JCP
 582 DI 0 18 100 400
 583 DQ 0 18 18 18

584 KK DV LEA DIVERT STORM DRAIN FLOWS TO LEMMON LAKE BASIN MA1
 585 KM 24" STORM DRAIN THRU RR DONNELLY PROPERTY
 586 DT 24LEA
 587 DI 0 15 100 400
 588 DQ 0 15 15 15

589 KK 24CMP RETRIEVE 24" CMP/RCP STORM DRAIN FLOW FROM CP S11
 590 DR 24S11
 * IGNORE ROUTING - TOO SHORT
 * RT T1C ROUTE APPROX. 390 FEET IN THE PIPE TO THE NORTH
 * 390 .020 .013 CIRC 2
 * NO FLOW DIVERSION TO 24" RCP BENEATH STEAD BLVD UNDER PROPOSED CONDITIONS
 * DV ST1 DIVERT STORM DRAIN FLOWS ACROSS STEAD BLVD IN 24" RCP
 * 24ST1

591 KK RT T1D ROUTE STEAD BLVD STORM DRAIN FLOWS TO CP ST1 AT 24" RCP OUTLET
 592 RD 1610 .016 .013 CIRC 2
 HEC-1 INPUT

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

593 KK RC STD RETRIEVE STREET FLOWS FROM CP S11
 594 DR STDBL1
 * USE KINEMATIC WAVE ROUTING - MUSK-CUNGE DOESN'T WORK HERE
 * Remove routing for 5-year model
 * RT T1E ROUTE STREET FLOWS FROM CP S11 TO CP ST1
 * 1980 .018 .016 TRAP 1.5 50

595 KK ST1 STEAD BLVD BASIN 1
 596 BA 0.02
 597 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.45 1.83 2.21
 598 LS 88
 599 UD 0.32

600 KK CP ST1 COMBINE FLOWS @ CP ST1
 601 HC 3

602 KK RT T2A ROUTE FLOWS FROM CP ST1 TO 6'X 6' DROP INLET IN STEAD BLVD
 603 RD 1295 .020 .016 TRAP 1 1

604 KK RT T2C CONTINUE ROUTING TO CP ST2 IN STEAD BLVD
 605 RD 4480 .016 .016 TRAP 1.5 50

606 KK ST2 STEAD BLVD BASIN 2
 607 BA 0.40
 608 PH 0.001 0.23 0.41 0.69 0.92 1.09 1.46 1.84 2.21
 609 LS 89
 610 UD 0.51

611 KK DV HZL DIVERT STORM DRAIN FLOWS AT HAZELCREST SUBDIVISION TO LEMMON LAKE
 612 DT 18HZL
 613 DI 0 9 22 63 200
 614 DQ 0 9 15 16 16

615 KK RC JCP RECALL STORM DRAIN DIVERSION AT JCPENNEY SITE FROM BASIN LEA
 616 DR 30JCP

617 KK RT T2E ROUTE STORM DRAIN FLOW TO CONC PT ST2
 618 RD 2265 .008 .013 CIRC 2.5

619 KK CP ST2 COMBINE ALL FLOWS AT CP ST2 - INTERSECTION OF STEAD & LEAR
 620 HC 3

621 KK DV ST2 DIVERT STORM DRAIN FLOWS TO LEMMON LAKE BASIN MA1

622 DT 54ST2
 623 DI 0 65 100 500
 624 DQ 0 65 65 65
 *

625 KK DV BOX DIVERT FLOW AT CONCRETE BOX STRUCTURE IN STORM DRAIN TO LEMMON LAKE
 626 DT RRBOX
 627 DI 0 4 25 1000
 628 DQ 0 4 25 25
 * Remove routing for 5-year model - divergence problem
 * RT MO1 ROUTE TO CONC PT LEA IN CHANNEL
 * 770 .001 .045 TRAP 40 3
 HEC-1 INPUT

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

629 KK CP LEA COMBINE CHANNEL FLOW WITH LEA HYDROGRAPH
 630 HC 2
 * Remove routing for 5-year model - divergence problem
 * RT MO2 ROUTE IN CHANNEL TO MOYA DETENTION BASIN
 * 3675 .001 .045 TRAP 40 3

631 KK ST3 STEAD BLVD BASIN 3
 632 BA 0.53
 633 PH 0.001 0.23 0.42 0.69 0.92 1.09 1.45 1.83 2.20
 634 LS 87
 635 UD 0.82

636 KK RT MO3 ROUTE TO MOYA DETENTION BASIN
 637 RD 960 .015 .050 TRAP 10 50

638 KK RT MO4 CONTINUE ROUTING TO MOYA DETENTION BASIN
 639 RK 525 .001 .045 TRAP 16 3

640 KK MOY MOYA BLVD BASIN
 641 BA 1.17
 642 PH 0.001 0.23 0.43 0.71 0.94 1.11 1.47 1.85 2.24
 643 LS 86
 644 UD 1.24

645 KK CP MOY COMBINE ALL FLOWS AT CP MOY
 646 HC 3
 * The following Moya Detention Basin rating is for a 100-year storm only.
 * SILVER LAKE 100-YEAR, 24-HOUR EVENT WSEL(NAVD) = 68.7'+/-

647 KK DETMO DETENTION STORAGE EAST OF MOYA BLVD
 648 RS 1 ELEV 0
 649 SA 0 51.2 59.1 72.6 120.9 140.2
 650 SE 4965 4966.0 4968.0 4970.0 4971.0 4971.4
 651 SQ 0 10 102 172 277 1049
 *

652 KK RT K2B ROUTE MOYA DETENTION BASIN OUTFLOW TO SILVER LAKE
 653 RD 4020 .002 .035 TRAP 5 3

654 KK SLK SILVER LAKE BASIN
 655 BA 1.32
 656 PH 0.001 0.24 0.43 0.72 0.96 1.14 1.52 1.93 2.34
 657 LS 93

658 UD 0.30

659 KK CP SLK TOTAL FLOW AT SILVER LAKE PLAYA

660 HC 3

*
* SILVER LAKE PLAYA STAGE-STORAGE INFORMATION IS FROM NIMBUS ENGINEERS
* FEMA FIS, HYDROLOGIC ANALYSIS OF SILVER LAKE AND LEMMON VALLEY PLAYAS,
* DATED REVISED DECEMBER 1987.
*

HEC-1 INPUT

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

661 KK SLWSE SILVER LAKE 100-YEAR, 24-HOUR EVENT WSEL

* 1

* INITIAL LAKE STORAGE = 5-year, 24-hour volume from the Nimbus Report

662	RS	1	STOR	1278							
663	SA	0	1	5.7	21.2	113.9	220.5	314.4	377.5	441.9	525.0
664	SA	596.0	940	1320							
665	SQ	0	0	0	0	0	0	0	0	0	0
666	SQ	0	0	0							
667	SE	4950	4951	4952	4953	4954	4955	4956	4957	4958	4959
668	SE	4960	4965	4970							

* *****
* * LEMMON LAKE DRAINAGE BASIN *
* *****
*

669 KK PE1A PEAVINE EAST BASIN 1A

670 BA 0.05

671 PH 0.001 0.23 0.41 0.68 0.91 1.08 1.44 1.83 2.23

672 LS 72

673 UD 0.24

674 KK SRT9C ROUTE THRU DETENTION

675 KM STAGE-AREA-DISCHARGE PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN

676 RS 1 STOR 0

677 SA 0 0.34 0.574

678 SE 84 90.1 94.4

679 SQ 0 0 24

680 KK RT SBG ROUTE FLOW AT 24" OUTLET TO 36" CMP BENEATH RAILROAD

681 RD 1300 .102 .035 TRAP 2 2

682 KK PE1B PEAVINE EAST BASIN 1B

683 BA 0.11

684 PH 0.001 0.23 0.41 0.68 0.91 1.08 1.44 1.83 2.23

685 LS 72

686 UD 0.30

687 KK SRT9B ROUTE THRU DETENTION BASIN

688 KM STAGE-AREA-DISCHARGE PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN

689 RS 1 STOR 0

690 SA 0 0.2 0.41 0.411 0.411

* SE 87.2 90.5 93.9 - SE CARD FROM SKY VISTA MODIFIED

691 SE 95.7 99.0 102.4 103 103.5

692 SQ 0 20 35 45 61

693 KK DV PE1 DIVERT FLOWS TO BASIN PE2 ALONG RR
 694 DT PE1-RR
 695 DI 0 30 38 45 61
 696 DQ 0 0 1 6 20
 HEC-1 INPUT

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

697 KK RT SBA ROUTE PE1B HYDROGRAPH TO 36" CMP BENEATH RAILROAD
 698 RD 1320 .090 .035 TRAP 2 2

 699 KK CB PE1 COMBINE FLOWS FROM PE1 AT THE INLET OF 36"
 700 HC 2

 701 KK RT SBB ROUTE FROM 36" CMP OUTLET TO CONC PT ESB
 702 RD 2400 .033 .040 TRAP 4 3

 703 KK PE2 PEAVINE EAST BASIN 2
 704 BA 0.35
 705 PH 0.001 0.23 0.41 0.68 0.91 1.08 1.44 1.83 2.23
 706 LS 73
 707 UD 0.62

 708 KK RC DIV RETRIEVE RR DIVERSION FROM BASIN PE1B
 709 DR PE1-RR
 * Remove routing for 5-year model
 * RT E1S ROUTE TO CP PE2
 * 560 .007 .035 TRAP 4 3

 710 KK CP PE2 COMBINE FLOWS FROM PE2 & DIVERSION FROM PE1B
 711 HC 2

 712 KK DV PE2 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PE3
 713 DT RRPE2
 714 DI 0 30 39 70 88 111 139 175
 715 DQ 0 0 7 28 38 48 60 74

 716 KK RT SBC ROUTE PE2 HYDROGRAPH TO 24" CMP BENEATH RAILROAD
 717 RD 990 .082 .035 TRAP 2 2

 718 KK RT SBD ROUTE FROM 24" CMP OUTLET TO CONC PT ESB
 719 RD 3000 .039 .040 TRAP 4 3

 720 KK PE3 PEAVINE EAST BASIN 3
 721 BA 0.09
 722 PH 0.001 0.22 0.40 0.67 0.89 1.06 1.41 1.79 2.16
 723 LS 78
 724 UD 0.30

 725 KK PE2SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE2
 726 DR RRPE2
 * Remove routing for 5-year model
 * RT PE3 ROUTE THE SPLIT ALONG RAILROAD SIDING TO CONC PT PE3
 * 1120 .015 .035 TRAP 10 3

 727 KK CP PE3 COMBINE SPLIT FLOW FROM PE2 WITH BASIN PE3 HYDROGRAPH
 728 HC 2

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

729 KK DV PE3 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PE4
 730 DT RRPE3
 731 DI 0 25 42 73 128 230
 732 DQ 0 0 12 42 95 165

733 KK RT SBE ROUTE PE3 HYDROGRAPH TO 36" CMP BENEATH RAILROAD
 734 RD 900 .067 .035 TRAP 2 2

735 KK RT SBF ROUTE FROM 36" CMP OUTLET TO CONC PT ESB
 736 RD 3400 .037 .040 TRAP 5 3

737 KK ESB END STEAD BOULEVARD BASIN
 738 BA 0.39
 739 PH 0.001 0.22 0.41 0.68 0.91 1.08 1.43 1.81 2.18
 740 LS 89
 741 UD 0.23

742 KK CP ESB COMBINE PE1, PE2 & PE3 HYDROGRAPHS WITH ESB
 743 HC 4
 *

744 KK ESB-DT LOW STORAGE AREA SOUTH OF HIGHWAY 395
 745 RS 1 STOR 0
 746 SA 0 0.59 0.94 2.0 2.8 3.6
 747 SE 90 92 92.5 94 95 96
 748 SQ 0 24 38 128 299 849

749 KK DV ESB DIVERT FLOWS TO BASIN PE4 ALONG US 395
 750 DT WR-ESB
 751 DI 0 38 128 299 849
 752 DQ 0 0 45 190 717
 *

753 KK RT SE1 ROUTE HIGHWAY CULVERT OUTLET FLOW TO CP SE1
 754 RD 1470 .017 .035 TRAP 4 3

755 KK SE1 STEAD EAST BASIN 1
 756 BA 0.08
 757 PH 0.001 0.22 0.41 0.68 0.90 1.07 1.43 1.80 2.18
 758 LS 90
 759 UD 0.25

760 KK CP SE1 COMBINE FLOW FROM CP ESB WITH SE1 HYDROGRAPH
 761 HC 2
 *

 * NOTE: BASIN PARAMETERS, DETENTION BASINS, AND CHANNEL ROUTING PARAMETERS
 * USED FOR SV3 THRU SV7 WERE TAKEN FROM THE PROPOSED CONDITIONS HEC-1 MODEL
 * PRESENTED IN THE SKY VISTA DRAINAGEWAY MASTER PLAN DATED 9/21/95,
 * PREPARED BY JEFF CODEGA INC.
 * TO BE CONSISTENT WITH THE OVERALL MODEL, PH CARDS FOR SKY VISTA BASINS
 * SV3 THRU SV7 WERE MODIFIED ACCORDINGLY.
 * *****
 *

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

762	KK RT SV6	ROUTE THRU SKY VISTA BASIN 6 - FROM SKY VISTA DRAINAGE MASTER PLAN									
763	RD	6500	.014	.040	TRAP	25	1				
764	KK SV6	SKY VISTA BASIN 6 - FROM SKY VISTA DRAINAGE MASTER PLAN									
765	BA	0.32									
	*	NEW PH CARD									
766	PH		0.001	0.22	0.40	0.67	0.89	1.06	1.42	1.78	2.14
767	LS		84								
768	UD	0.47									
769	KK SV7	SKY VISTA BASIN 7 - FROM SKY VISTA DRAINAGE MASTER PLAN									
770	BA	0.073									
	*	NEW PH CARD									
771	PH		0.001	0.22	0.39	0.66	0.88	1.05	1.40	1.75	2.09
772	LS		79								
773	UD	0.29									
774	KK CP SV7	COMBINE ALL FLOWS AT CP SV7									
775	HC	3									
776	KK SRT679	ROUTE THRU DETENTION BASIN "A"									
777	KM	DETENTION BASIN PARAMETERS CALCULATED BASED UPON SKY VISTA PARKWAY									
778	KM	EXTENSION DETENTION/RETENTION BASIN DESIGN PLANS									
779	RS	1	STOR	0							
780	SA	2.32	2.77	3.21	4.10	4.9	4.9	4.9			
781	SE	66	68	70	74	76	76.1	76.3			
782	SQ	0	0	21	94	192	288	678			
783	KK RT V4A	ROUTE OUTFLOW FROM BASIN SRT679 TO CP SV4 THRU 42" RCP									
784	KM	ROUTING PARAMETERS ESTIMATED FROM THE CHANNEL/CULVERT DESIGN PLANS									
785	RD	787	.012	.013	CIRC	3.5					
786	KK RT V4B	CONTINUE ROUTING TO CP SV4									
787	KM	ROUTING PARAMETERS ESTIMATED FROM THE CHANNEL/CULVERT DESIGN PLANS									
788	RD	1400	.005	.035	TRAP	5	3				
789	KK SV4	SKY VISTA BASIN 4 - FROM SKY VISTA DRAINAGE MASTER PLAN									
790	BA	0.111									
	*	NEW PH CARD									
791	PH		0.001	0.22	0.40	0.67	0.90	1.07	1.43	1.79	2.15
792	LS		83								
793	UD	0.22									
794	KK CP SV4	COMBINE OUTFLOW FROM DETENTION BASIN WITH SV4									
795	HC	2									
796	KK RT MIL	ROUTE FLOWS TO CULVERT INLETS AT MILITARY ROAD									
797	KM	ROUTING PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
798	RD	1000	.006	.040	TRAP	12	2				
	*										
	*	RC ST1	RETRIEVE 24" STORM DRAIN DIVERSION FROM BASIN ST1								
	*	24ST1									
	*	NO DIVERTED PIPE FLOW UNDER PROPOSED CONDITIONS									

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

799	KK	SE2	STEAD EAST BASIN 2									
800	BA	0.09										
801	PH		0.001	0.23	0.41	0.68	0.91	1.08	1.44	1.82	2.20	
802	LS		92									
803	UD	0.17										
804	KK	RT SV3	ROUTE FLOWS FROM SE2 THRU BASIN SV3									
805	KM		ROUTING PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
806	RD	7100	.014	.035		TRAP	15	4				
807	KK	SE3	STEAD EAST BASIN 3									
808	BA	0.05										
809	PH		0.001	0.23	0.41	0.68	0.91	1.08	1.44	1.82	2.20	
810	LS		90									
811	UD	0.22										
812	KK	RT SV3	ROUTE FLOWS FROM SE3 THRU BASIN SV3									
813	RD	5200	.014	.035		TRAP	15	4				
814	KK	SV3	SKY VISTA BASIN 3 - FROM SKY VISTA DRAINAGE MASTER PLAN									
815	BA	0.275										
	*	NEW PH CARD										
816	PH		0.001	0.22	0.41	0.68	0.91	1.08	1.44	1.81	2.18	
817	LS		85									
818	UD	0.59										
819	KK	CB SV3	COMBINE FLOWS FROM CPSE2, SE3, & SV3									
820	HC	3										
821	KK	DV SV3	PER SKY VISTA DRAINAGE MASTER PLAN, DIVERT 125 CFS TO DETENTION "B"									
822	DT	DET B										
823	D1	0	50	125	200	500						
824	DQ	0	50	125	125	125						
825	KK	RC SV3	RECALL DIVERSION TO DETENTION BASIN B									
826	DR	DET B										
827	KK	SRT3,8	DETENTION BASIN "B" FROM SKY VISTA DRAINAGE MASTER PLAN									
828	KM		BASIN PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
829	RS	1	STOR	0								
830	SA	0	1.22	1.42	1.61	1.81						
831	SE	4954	4956	4958	4960	4962						
832	SQ	0	10	20	30	40	50	60	70	80	90	
833	SE	4958	4959.3	4960	4960.6	4961.2	4961.9	4962.7	4964	4964.1	4964.2	
834	KK	CP SV3	COMBINE CHANNEL FLOWS WITH DETENTION BASIN "B" OUTFLOWS									
835	HC	2										
836	KK	RT MIL	ROUTE FROM CP SV3 TO CULVERTS @ MILITARY ROAD									
837	KM		ROUTING PARAMETERS FROM SKY VISTA DRAINAGE MASTER PLAN									
838	RD	1000	0.006	0.04		TRAP	12	2				

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

839	KK	SV5	SKY VISTA BASIN 5 - FROM SKY VISTA DRAINAGE MASTER PLAN									
840	BA	0.027										
	*	NEW PH CARD										
841	PH		0.001	0.23	0.41	0.68	0.91	1.08	1.44	1.82	2.19	

842	LS		91								
843	UD	0.04									
844	KK	SE4	STEAD EAST BASIN 4								
845	BA	0.01									
846	PH		0.001	0.23	0.41	0.68	0.91	1.08	1.45	1.82	2.19
847	LS		86								
848	UD	0.18									
849	KK	CP SE4	COMBINE FLOWS FROM SV5 & SE4 AT RCP INLET								
850	KM		BEGIN KERNITE STREET STORM DRAIN								
851	HC	2									
852	KK	RT A1A	ROUTE TO LEAR BLVD SDMH								
853	RD	2665	.009	.013		CIRC	3				
854	KK	RC HZL	RETRIEVE HAZELCREST STORM DRAIN DIVERSION FROM BASIN ST2								
855	DR	18HZL									
856	KK	RT A1D	ROUTE HAZELCREST DIVERSION TO LEAR BLVD SDMH								
857	RD	620	.007	.013		CIRC	4				
858	KK	CB SD	COMBINE STORM DRAIN FLOWS AT LEAR BLVD SDMH								
859	HC	2									
860	KK	RT A1B	ROUTE TO MAIN STORM DRAIN TRUNK OUTLET								
861	RD	1260	.002	.024		CIRC	5.5				
862	KK	RC LEA	RETRIEVE 24" SD DIVERSION FROM BASIN LEA								
863	DR	24LEA									
864	KK	RC BOX	RETRIEVE CONCRETE BOX STRUCTURE DIVERSION IN DONNELLY DETEN BASIN								
865	DR	RRBOX									
866	KK	CB BOX	COMBINE LEAR AND DONNELLEY DIVERSIONS IN BOX STRUCTURE								
867	HC	2									
868	KK	RT M05	ROUTE TO SDMH IN STEAD BLVD.								
869	RD	1125	.003	.013		CIRC	3				
870	KK	RC ST2	RETRIEVE 54" X 36" SD DIVERSION FROM ST2								
871	DR	54ST2									
872	KK	CB SD1	COMBINE STORM DRAIN DIVERSIONS IN SDMH								
873	HC	2									

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

874	KK	RT T2D	ROUTE FROM SDMH TO MAIN STORM DRAIN TRUNK OUTLET								
875	RD	1795	.002	.024		CIRC	5.5				
876	KK	CB SD2	COMBINE STORM DRAIN FLOWS AT THE OUTLET								
877	HC	2									
878	KK	RT A1C	ROUTE FROM THE SD OUTLET TO CP MA1 IN EX CHANNEL								
879	RD	3875	.006	.035		TRAP	6	2			
880	KK	MA1	MAYORS PARK BASIN 1								

881	BA	0.41									
882	PH		0.001	0.23	0.41	0.68	0.91	1.08	1.44	1.81	2.19
883	LS		79								
884	UD	0.72									
885	KK	ML3	MILITARY ROAD BASIN 3								
886	BA	0.17									
887	PH		0.001	0.22	0.39	0.66	0.88	1.05	1.40	1.74	2.09
888	LS		82								
889	UD	0.49									
890	KK	CP MA1	COMBINE FLOWS AT THE INLET OF BOX CULVERTS UNDER MILITARY ROAD								
891	HC	5									
892	KK	RT GP1	ROUTE FLOW FROM BOX CULVERTS TO LEMMON LAKE								
893	RD	3605	.007	.030		TRAP	8	1			
894	KK	MA2	MAYORS PARK BASIN 2								
895	BA	0.06									
896	PH		0.001	0.23	0.41	0.69	0.91	1.08	1.44	1.81	2.18
897	LS		86								
898	UD	0.17									
899	KK	RT GP2	ROUTE FROM CP MA2 THRU SAGE POINT BUSINESS PARK								
900	RD	1060	.049	.035		TRAP	3	4			
901	KK	RT GP3	CONTINUE ROUTING TO LEMMON LAKE								
902	RD	2555	.004	.025		TRAP	5	3			
903	KK	SGP	SAGE POINT BUSINESS PARK BASIN								
904	BA	0.26									
905	PH		0.001	0.22	0.40	0.67	0.89	1.06	1.41	1.77	2.12
906	LS		87								
907	UD	0.44									
908	KK	CP SGP	COMBINE BASIN MA2 & SGP HYDROGRAPHS								
909	HC	2									
910	KK	CB LLK	COMBINE FLOWS AT LEMMON LAKE - NOT THE TOTAL FLOW @ LEMMON LAKE								
911	HC	2									
		*									

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LINE	ID	1	2	3	4	5	6	7	8	9	10
912	KK	PE5	PEAVINE EAST BASIN 5								
913	BA	2.53									
914	PH		0.001	0.22	0.39	0.65	0.85	1.01	1.32	1.72	2.11
915	LS		68								
916	UD	1.51									
		*									
917	KK	DET33	DETENTION STORAGE AT CONC PT PE5, INLET OF 33" CMP AT RAILROAD								
918	RS	1	STOR	0							
919	SA	0	1.46	3.22	3.3	3.3	3.3				
920	SE	29.6	40.0	51.5	52.0	52.5	53.0				
921	SQ	0	75	119	146	204	313				
922	KK	DV PE5	DIVERT OVERFLOW AT 33" RAILROAD CULVERT TO BASIN PE6								

923	DT	RRPE5								
924	DI	0	100	119	146	204	313	555	986	
925	DQ	0	0	5	31	87	175	292	440	

*

926	KK	RT HR1	ROUTE PE5 HYDROGRAPH TO CONC PT HR1							
927	RD	2780	.034	.035		TRAP	4		3	

928	KK	HR1	HEINDEL ROAD BASIN 1								
929	BA	0.09									
930	PH		0.001	0.20	0.37	0.61	0.81	0.96	1.26	1.59	1.91
931	LS		81								
932	UD	0.23									

933	KK	CP HR1	COMBINE PE5 AND HR1 HYDROGRAPHS							
934	HC	2								

935	KK	RT H2A	ROUTE CONC PT HR1 THRU 54" CMP							
936	RD	800	.020	.024		CIRC	4.5			

937	KK	RT H2B	ROUTE OUTLET OF 54" CMP TO CONC PT HR2							
938	RD	375	.037	.035		TRAP	6		3	

939	KK	HR2	HEINDEL ROAD BASIN 2								
940	BA	0.03									
941	PH		0.001	0.20	0.37	0.61	0.81	0.96	1.27	1.58	1.89
942	LS		86								
943	UD	0.12									

944	KK	CP HR2	COMBINE CONC PT HR1 WITH HR2 HYDROGRAPH							
945	HC	2								

946	KK	RT G3A	ROUTE CONC PT HR2 BENEATH LEMMON DRIVE IN 72" CMP							
947	RD	1630	.026	.024		CIRC	6			

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

948	KK	RT G3B	CONTINUE ROUTING TO CONC PT GV3							
949	RD	1630	.023	.035		TRAP	8		2	

950	KK	HR3	HEINDEL ROAD BASIN 3								
951	BA	0.10									
952	PH		0.001	0.20	0.36	0.60	0.80	0.95	1.25	1.56	1.87
953	LS		85								
954	UD	0.20									

955	KK	RT G3C	ROUTE CONC PT HR3 TO CONC PT GV3							
956	RD	3690	.023	.035		TRAP	3		3	

957	KK	PE6	PEAVINE EAST BASIN 6								
958	BA	0.10									
959	PH		0.001	0.20	0.36	0.61	0.80	0.95	1.25	1.57	1.89
960	LS		73								
961	UD	0.19									

962	KK	PE5SP	RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE5							
963	DR	RRPE5								

* Remove routing for 5-year model

* RT 6SA ROUTE PE5 SPLIT ALONG RAILROAD SIDING THRU PE6
 * 910 .007 .035 TRAP 15 3
 * RT 6SB CONTINUE ROUTING TO CONC PT PE6
 * 400 .055 .035 TRAP 3 1

964 KK CP PE6 COMBINE SPLIT FLOW FROM PE5 WITH BASIN PE6 HYDROGRAPH
 965 HC 2
 *

966 KK DET24 DETENTION STORAGE AT CONC PT PE6, INLET OF 24" CMP AT RAILROAD
 967 RS 1 STOR 0
 968 SA 0 1.56 1.56 1.56 1.56 1.56
 969 SE 5222.3 5239.4 5240.5 5241.5 5242.0 5242.5
 970 SQ 0 49 51 84 119 305

971 KK DV PE6 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PE7
 972 DT RRPE6
 973 DI 0 49 51 63 84 119 305
 974 DQ 0 0 1 12 33 64 102

975 KK RT MGA ROUTE PE6 HYDROGRAPH TO NORTH VIRGINIA ST
 976 RD 1600 .036 .024 CIRC 2

977 KK RT MGB CONTINUE ROUTING TO CONC PT MG1
 978 RD 2260 .026 .035 TRAP 4 3

979 KK MG1 MEMORIAL GARDENS BASIN 1
 980 BA 0.18
 981 PH 0.001 0.20 0.36 0.59 0.79 0.93 1.24 1.54 1.84
 982 LS 86
 983 UD 0.25

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

984 KK CP MG1 COMBINE PE6 HYDROGRAPH WITH BASIN MG1
 985 HC 2

986 KK RT G3D ROUTE CONC PT MG1 TO CONC PT GV3
 987 RD 4620 .018 .035 TRAP 6 2

988 KK PE7 PEAVINE EAST BASIN 7
 989 BA 0.99
 990 PH 0.001 0.20 0.36 0.60 0.79 0.93 1.23 1.55 1.88
 991 LS 74
 992 UD 0.49

993 KK PE6SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE6
 994 DR RRPE6

* ROUTING TO CONC PT PE7 NOT REQUIRED
 * RT 7SA ROUTE PE6 SPLIT ALONG RAILROAD THRU PE7
 * 500 .006 .035 TRAP 12 3
 * RT 7SB CONTINUE ROUTING TO CONC PT PE7
 * 350 .057 .035 TRAP 3 3

995 KK CP PE7 COMBINE SPLIT FLOW FROM PE6 WITH BASIN PE7 HYDROGRAPH
 996 HC 2
 *

997 KK DET24 DETENTION STORAGE AT CONC PT PE7, INLET OF 24" CMP AT RAILROAD
 998 RS 1 STOR 0
 999 SA 0 1.48 1.48 1.48 1.5 1.5 1.5
 1000 SE 17.4 30.8 31.0 31.5 32 32.5 33.5
 1001 SQ 0 41 46 74 129 214 663

1002 KK DV PE7 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN PH1
 1003 DT RRPE7
 1004 DI 0 41 46 74 129 214 365 663
 1005 DQ 0 0 4 31 86 170 284 426
 *

1006 KK RT NV1 ROUTE PE7 HYDROGRAPH TO CONC PT NV1
 1007 RD 1760 .029 .024 CIRC 3

1008 KK NV1 NORTH VIRGINIA BASIN 1
 1009 BA 0.06
 1010 PH 0.001 0.19 0.35 0.59 0.78 0.92 1.22 1.52 1.83
 1011 LS 89
 1012 UD 0.15

1013 KK CP NV1 COMBINE PE7 & NV1 HYDROGRAPHS
 1014 HC 2

1015 KK RT TP1 ROUTE CONC PT NV1 TO CONC PT TP1
 1016 RD 2000 .016 .035 TRAP 5 3
 HEC-1 INPUT

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

1017 KK TP1 TRAILER PARK 1
 1018 BA 0.05
 1019 PH 0.001 0.19 0.35 0.58 0.77 0.91 1.22 1.51 1.80
 1020 LS 90
 1021 UD 0.18

1022 KK CP TP1 COMBINE CONC PT NV1 WITH TP1 HYDROGRAPH
 1023 HC 2

1024 KK RT G3E ROUTE CONC PT TP1 BEHIND NORTH HILLS SHOPPING CENTER IN CHANNEL
 1025 RD 1400 .016 .013 TRAP 10 3

1026 KK RT G3F CONTINUE ROUTING TO CONC PT GV3
 1027 RD 5350 .017 .035 TRAP 10 3

1028 KK GV3 GOLDEN VALLEY BASIN 3
 1029 BA 0.34
 1030 PH 0.001 0.19 0.35 0.59 0.78 0.93 1.24 1.53 1.83
 1031 LS 84
 1032 UD 0.52

1033 KK CP GV3 COMBINE CONC PTS HR2, HR3, MG1 & TP1 WITH GV3 HYDROGRAPH
 1034 HC 5

1035 KK PH1 PEAVINE HEIGHTS BASIN 1
 1036 BA 0.11
 1037 PH 0.001 0.19 0.34 0.57 0.76 0.90 1.20 1.50 1.80
 1038 LS 82
 1039 UD 0.35

1040 KK PE7SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE7
 1041 DR RRPE7
 * Remove routing for 5-year model
 * RT HSA ROUTE PE7 SPLIT ALONG RAILROAD THRU PH1
 * 650 .017 .035 TRAP 16 3
 * RT HSB CONTINUE ROUTING TO CONC PT PH1
 * 570 .049 .035 TRAP 3 3

1042 KK CP PH1 COMBINE SPLIT FLOW FROM PE7 WITH BASIN PH1 HYDROGRAPH
 1043 HC 2
 *

1044 KK DET24 DETENTION STORAGE AT CONC PT PH1, INLET OF 24" CMP AT RAILROAD
 1045 RS 1 STOR 0
 1046 SA 0 0.82 4.3 4.3 4.3 4.3
 1047 SE 5192.1 5200.0 5208.5 5209.5 5210 5211
 1048 SQ 0 30 43 83 131 379

1049 KK DV PH1 DIVERT OVERFLOW AT 24" RAILROAD CULVERT TO BASIN RH1
 1050 DT RRP1
 1051 DI 0 38 43 55 83 131 214 379
 1052 DQ 0 0 1 12 40 87 154 240
 HEC-1 INPUT

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

1053 KK RT TP2 ROUTE PH1 HYDROGRAPH TO CONC PT TP2
 1054 RD 2430 .026 .035 TRAP 3 3

1055 KK TP2 TRAILER PARK BASIN 2
 1056 BA 0.10
 1057 PH 0.001 0.19 0.34 0.57 0.76 0.90 1.20 1.49 1.78
 1058 LS 88
 1059 UD 0.20

1060 KK CP TP2 COMBINE PH1 HYDROGRAPH WITH CONC PT TP2
 1061 HC 2

1062 KK RH1 RALEIGH HEIGHTS BASIN 1
 1063 BA 0.69
 1064 PH 0.001 0.18 0.33 0.55 0.73 0.87 1.16 1.45 1.73
 1065 LS 84
 1066 UD 0.35

1067 KK PH1SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PH1
 1068 DR RRP1
 * Remove routing for 5-year model
 * RT RHA ROUTE PH1 SPLIT ALONG RAILROAD SIDING TO 24" CMP AT RAILROAD
 * 760 .011 .035 TRAP 11 3
 * RT RHB CONTINUE ROUTING TO CONC PT RH1
 * 5790 .036 .035 TRAP 3 3

1069 KK CB RH1 COMBINE SPLIT FLOWS FROM PH1 WITH RH1
 1070 HC 2

1071 KK CP RH1 COMBINE BASIN RH1 HYDROGRAPH WITH CP TP2
 1072 HC 2

1073 KK RT GV1 ROUTE CONC PT RH1 TO CONC PT GV1
 1074 RD 4925 .011 .035 TRAP 6 3
 *

1075 KK GV1 GOLDEN VALLEY BASIN 1
 1076 BA 3.13
 1077 PH 0.001 0.18 0.32 0.53 0.71 0.85 1.14 1.40 1.65
 1078 LS 77
 1079 UD 1.24

1080 KK CP GV1 COMBINE CONC PT RH1 WITH GV1 HYDROGRAPH
 1081 HC 2

1082 KK RT GV2 ROUTE CONC PT GV1 TO CONC PT GV3
 1083 RD 4335 .011 .035 TRAP 7 3

1084 KK GV2 GOLDEN VALLEY BASIN 2
 1085 BA 0.58
 1086 PH 0.001 0.19 0.35 0.58 0.77 0.92 1.22 1.51 1.79
 1087 LS 74
 1088 UD 0.53

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

1089 KK CP GV3 COMBINE CONC PTS GV3 & GV1 WITH GV2 HYDROGRAPH
 1090 HC 3

1091 KK RT LD2 ROUTE CONC PT GV3 TO CONC PT LD2
 1092 RD 3460 .009 .035 TRAP 12 3

1093 KK LD2 LEMMON DRIVE BASIN 2
 1094 BA 0.21
 1095 PH 0.001 0.20 0.36 0.60 0.80 0.95 1.27 1.58 1.88
 1096 LS 75
 1097 UD 0.38

1098 KK CP LD2 COMBINE CONC PT GV3 WITH BASIN LD2 HYDROGRAPH
 1099 HC 2

*
 * Parameters for Lemmon Drive and Military Road channels, Channel "A", Channel
 * "B" and Channel "C" per Southwest Lemmon Valley Flood Channels Conditional
 * Letter of Map Revision filed by Schaaf & Wheeler for CFA Engineers, June 1998
 *

1100 KK RT VL2 ROUTE CONC PT LD2 DOWN LEMMON DRIVE TO NEW DIVERSION CHANNEL
 1101 KM IMPROVED SECTION OF LEMMON DRIVE CHANNEL
 1102 RD 2200 .008 .040 TRAP 40 2

1103 KK DV HYD NEW FLOW DIVERSION IN LEMMON DRIVE CHANNEL AT HYDRAULIC STREET
 1104 DT LDHYD
 1105 DI 0 121 235 391 590 827 1098 1401 1736 2102
 1106 DQ 0 0 0 18 57 115 190 283 394 523

1107 KK RT VL3 ROUTE DIVERTED FLOW IN NEW CHANNEL "A" TO CONC PT NVD
 1108 RD 5000 .007 .040 TRAP 50 2

1109 KK LD1 LEMMON DRIVE BASIN 1
 1110 BA 0.33

1111 PH 0.001 0.20 0.37 0.62 0.82 0.97 1.29 1.61 1.93
 1112 LS 84
 1113 UD 0.49

1114 KK RT VL1 ROUTE LD1 HYDROGRAPH THRU BASIN LVL TO CONC PT LVL
 1115 RD 3095 .005 .035 TRAP 3 3

1116 KK LVL LEMMON VALLEY LAND CO BASIN
 1117 BA 0.29
 1118 PH 0.001 0.20 0.37 0.62 0.83 0.98 1.31 1.63 1.95
 1119 LS 88
 1120 UD 0.64

1121 KK CB LVL COMBINE BASINS LD1 AND LVL HYDROGRAPHS AT CONC PT LVL
 1122 HC 2

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

1123 KK RT VD1 ROUTE CONC PT LVL IN NEW CHANNEL "A" TO CONC PT NVD
 1124 RD 3070 .007 .040 TRAP 50 2
 *

1125 KK PE4 PEAVINE EAST BASIN 4
 1126 BA 1.85
 1127 PH 0.001 0.22 0.39 0.65 0.86 1.02 1.34 1.71 2.07
 1128 LS 79
 1129 UD 0.93

1130 KK PE3SP RETRIEVE SPLIT FLOW ALONG RAILROAD SIDING FROM BASIN PE3
 1131 DR RRPE3
 * Remove routing for 5-year model
 * RT PE4 ROUTE THE SPLIT FROM PE3 TO CONC PT PE4
 * 4450 .046 .035 TRAP 3 3

1132 KK ESB SP RETRIEVE SPLIT FLOW ALONG US395 FROM CP ESB
 1133 DR WR-ESB

1134 KK CP PE4 COMBINE SPLIT FLOWS FROM PE3 & ESB WITH BASIN PE4 HYDROGRAPH
 1135 HC 3

1136 KK RT ML1 ROUTE CONC PT PE4 TO CONC PT ML1
 1137 RD 9070 .013 .035 TRAP 10 3

1138 KK ML1 MILITARY ROAD BASIN 1
 1139 BA 1.06
 1140 PH 0.001 0.21 0.39 0.64 0.86 1.02 1.35 1.70 2.05
 1141 LS 84
 1142 UD 1.16

1143 KK CP ML1 COMBINE CONC PT PE4 WITH BASIN ML1 HYDROGRAPH
 1144 HC 2

1145 KK RT ML3 ROUTE CONC PT ML1 IN IMPROVED ROADSIDE CHANNEL TO NEW 8x4 RCB's
 1146 KM IMPROVED SECTION OF MILITARY ROAD CHANNEL
 1147 RD 850 .006 .015 TRAP 25 2

1148 KK RT VD2 CONTINUE ROUTING IN NEW CHANNEL "C" TO CONC PT NVD
 1149 RD 2080 .010 .040 TRAP 30 2

1150 KK NVD NORTH VALLEYS DEVELOPMENT CO BASIN
 1151 BA 0.15
 1152 PH 0.001 0.21 0.38 0.64 0.85 1.01 1.35 1.67 2.00
 1153 LS 85
 1154 UD 0.34

1155 KK CB A&C COMBINE CHANNELS "A" AND "C" FLOWS WITH BASIN NVD HYDROGRAPH
 1156 HC 4

HEC-1 INPUT

PAGE 34

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

1157 KK RT ML2 ROUTE CONC PT NVD FLOWS TO LEMMON LAKE
 1158 KM ROUTE INCLUDES NEW CHANNEL "B" SECTION
 1159 RD 4065 .003 .060 TRAP 10 50

1160 KK ML2 MILITARY ROAD BASIN 2
 1161 BA 0.48
 1162 PH 0.001 0.21 0.39 0.64 0.86 1.02 1.37 1.69 2.02
 1163 LS 81
 1164 UD 0.58

1165 KK CB LLK COMBINE FLOWS AT LEMMON LAKE - NOT THE TOTAL FLOW @ LEMMON LAKE
 1166 HC 3
 *

1167 KK RC HYD RETRIEVE BYPASS FLOW IN LEMMON DRIVE CHANNEL AT HYDRAULIC STREET
 1168 DR LDHYD

1169 KK RT LD3 ROUTE BYPASSED FLOW IN EXISTING LEMMON DRIVE CHANNEL TO LEMMON LAKE
 1170 RD 7865 .006 .035 TRAP 12 1

1171 KK BER BERNOULLI STREET BASIN
 1172 BA 0.59
 1173 PH 0.001 0.20 0.36 0.60 0.81 0.96 1.28 1.58 1.87
 1174 LS 74
 1175 UD 0.66

1176 KK RT PAT ROUTE BER HYDROGRAPH TO CONC PT PAT
 1177 RD 2840 .005 .035 TRAP 12 2

1178 KK PAT PATRICIAN DRIVE BASIN
 1179 BA 1.02
 1180 PH 0.001 0.19 0.34 0.57 0.77 0.92 1.23 1.50 1.77
 1181 LS 71
 1182 UD 0.98

1183 KK CP PAT COMBINE BER WITH BASIN PAT HYDROGRAPH
 1184 HC 2

1185 KK CP LEM COMBINE FLOWS FROM BER, PAT & LEMMON DRIVE CHANNEL
 1186 HC 2

1187 KK LD3 LEMMON DRIVE BASIN 3
 1188 BA 0.50
 1189 PH 0.001 0.20 0.37 0.62 0.82 0.98 1.31 1.62 1.92
 1190 LS 76
 1191 UD 0.80

1192 KK CB LLK COMBINE FLOWS AT LEMMON LAKE - NOT THE TOTAL FLOW @ LEMMON LAKE
 1193 HC 3
 *

HEC-1 INPUT

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

1194 KK LV5 LEMMON VALLEY BASIN 5
 1195 BA 2.56
 1196 PH 0.001 0.17 0.32 0.53 0.70 0.84 1.12 1.36 1.60
 1197 LS 70
 1198 UD 1.53

1199 KK RT LV3 ROUTE LV5 HYDROGRAPH TO CONC PT LV3
 1200 RD 5910 .013 .040 TRAP 10 50

1201 KK LV3 LEMMON VALLEY BASIN 3
 1202 BA 2.50
 1203 PH 0.001 0.19 0.35 0.58 0.77 0.92 1.24 1.50 1.77
 1204 LS 75
 1205 UD 0.96

1206 KK CP LV3 COMBINE LV5 & LV3 HYDROGRAPHS AT CONC PT LV3
 1207 HC 2

1208 KK LV4 LEMMON VALLEY BASIN 4
 1209 BA 5.22
 1210 PH 0.001 0.17 0.31 0.52 0.69 0.83 1.11 1.34 1.57
 1211 LS 74
 1212 UD 1.41

1213 KK RT LV2 ROUTE LV4 HYDROGRAPH TO CONC PT LV2
 1214 RD 8360 .006 .040 TRAP 10 50

1215 KK LV2 LEMMON VALLEY BASIN 2
 1216 BA 7.02
 1217 PH 0.001 0.20 0.37 0.62 0.83 0.99 1.33 1.62 1.91
 1218 LS 70
 1219 UD 1.63

1220 KK CP LV2 COMBINE LV4 & LV2 HYDROGRAPHS AT CONC PT LV2
 1221 HC 2

1222 KK LV1 LEMMON VALLEY BASIN 1
 1223 BA 0.85
 1224 PH 0.001 0.22 0.40 0.67 0.90 1.06 1.42 1.76 2.10
 1225 LS 75
 1226 UD 0.46

1227 KK RT LLK ROUTE LV1 HYDROGRAPH TO LEMMON LAKE
 1228 RD 1400 .018 .035 TRAP 3 2

1229 KK LLK LEMMON LAKE BASIN
 1230 BA 3.34
 1231 PH 0.001 0.22 0.39 0.65 0.87 1.03 1.38 1.70 2.02
 1232 LS 89
 1233 UD 0.32

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

1234 KK CP LLK TOTAL FLOW @ LEMMON LAKE
 1235 HC 5

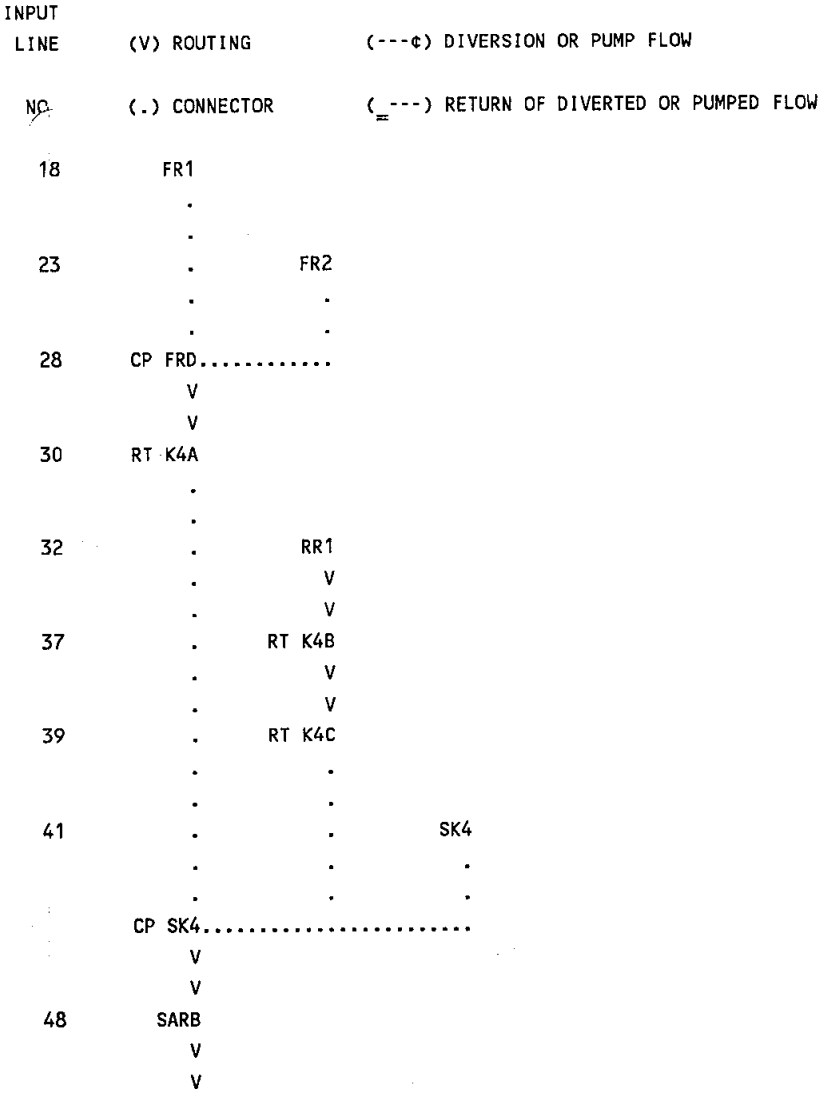
*
 * LEMMON LAKE PLAYA STAGE-STORAGE INFORMATION IS FROM NIMBUS ENGINEERS
 * FEMA FIS, HYDROLOGIC ANALYSIS OF SILVER LAKE AND LEMMON VALLEY PLAYAS,
 * DATED REVISED DECEMBER 1987.
 *

1236 KK LLWSE LEMMON LAKE 100-YEAR, 24-HOUR EVENT WSEL
 * INITIAL LAKE STORAGE = 5-year, 24-hour from the Nimbus Report

1237	RS	1	STOR	2108							
1238	SA	0	1	3.2	21.6	194.2	486.7	686.4	794.8	872.8	940.3
1239	SA	1000.5	1075.1	1215	1365	1480	1644	3650			
1240	SQ	0	0	0	0	0	0	0	0	0	0
1241	SQ	0	0	0	0	0	0	0			
1242	SE	4905	4906	4907	4908	4909	4910	4911	4912	4913	4914
1243	SE	4915	4916	4917	4918	4919	4920	4940			

*
 1244 ZZ

SCHEMATIC DIAGRAM OF STREAM NETWORK



122	.	.	.	.	.	CP SS2.....
	.	.	.	.	.	V
	.	.	.	.	.	V
124	.	.	.	.	.	RT R3D

126	.	.	.	.	.	CB MOY.....

128	.	.	.	.	.	PW1

135	.	.	.	.	.	-----c 48PW1
133	.	.	.	.	.	DV PW1

140	.	.	.	.	.	-----c 24PW2
138	.	.	.	.	.	DV PW2

143	.	.	.	.	.	PW2

148	.	.	.	.	.	CP PW2.....

152	.	.	.	.	.	-----c 42PW2
	.	.	.	.	.	DV PW2

155	.	.	.	.	.	PW3

160	.	.	.	.	.	CP PW3.....

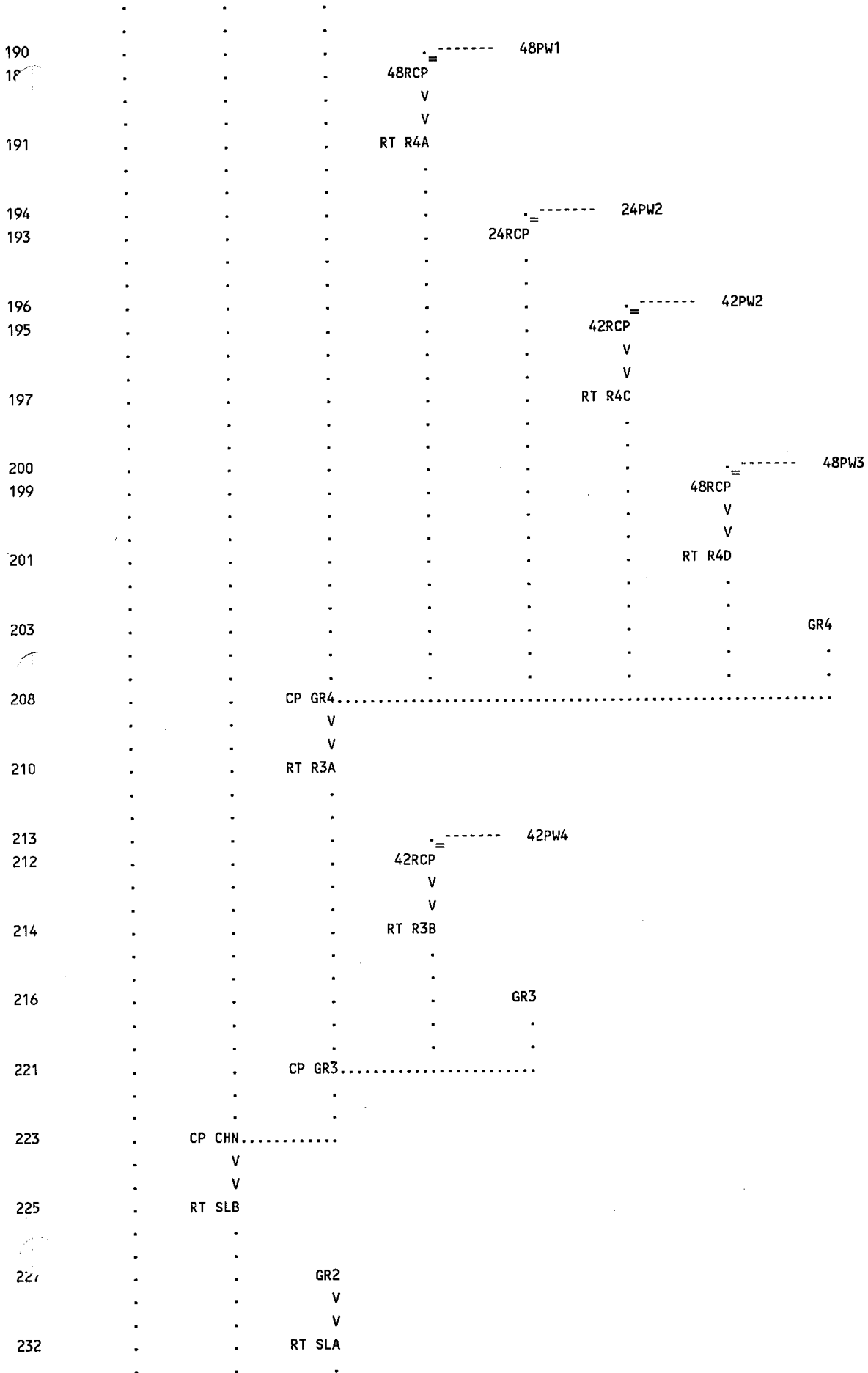
164	.	.	.	.	.	-----c 48PW3
162	.	.	.	.	.	DV PW3

167	.	.	.	.	.	PW4

173	.	.	.	.	.	----- RR&NV
172	.	.	.	.	.	RRINT

176	.	.	.	.	.	-----c 42PW4
174	.	.	.	.	.	DV PW4

179	.	.	.	.	.	CP PW4.....
	.	.	.	.	.	V
	.	.	.	.	.	V
181	.	.	.	.	.	DET48
	.	.	.	.	.	V
	.	.	.	.	.	V
187	.	.	.	.	.	RT R4E



```

234      .      .      .      GR1
      .      .      .      .
      .      .      .      .
      .      .      .      .
235  CB SLK.....
      .
241      .      PA1
      .      V
      .      V
246      .      RT SS1
      .      .
      .      .
248      .      .      SS1A
      .      .      .
      .      .      .
253      .      .      .      SS1B
      .      .      .      V
      .      .      .      V
258      .      .      .      DT SS1
      .      .      .      .
      .      .      .      .
263      .      CP SS1.....
      .      V
      .      V
265      .      RT SS3
      .      .
      .      .
267      .      .      SS3
      .      .      .
      .      .      .
272  CB SLK.....
      .
274      .      SL2
      .      V
      .      V
279      .      RT L3A
      .      .
      .      .
281      .      .      SL3A
      .      .      .
      .      .      .
286      .      C SL3A.....
      .      V
      .      V
288      .      DT L3A
      .      V
      .      V
294      .      RT L3B
      .      .
      .      .
296      .      .      SL3B
      .      .      .
      .      .      .
301      .      CB SL3.....
      .      V
      .      V
303      .      RT GC3
      .      .

```

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305      .      .      GC3
      .      .      .
      .      .      .
3      .      CB GC3.....
      .      .
      .      .
312     CB SLK.....
      .
      .
314      .      PA2
      .      V
      .      V
319      .      RT SL1
      .      .
      .      .
321      .      .      SL1
      .      .      .
      .      .      .
326      .      CP SL1.....
      .      V
      .      V
328      .      RT C2A
      .      V
      .      V
330      .      RT C2B
      .      .
      .      .
332      .      .      GC2
      .      .      .
      .      .      .
337      .      CB GC2.....
      .      .
      .      .
339      .      .      PA3
      .      .      V
      .      .      V
344      .      .      RT LEA
      .      .      .
      .      .      .
347      .      .      -----c 30SLE
346      .      .      DV SLE
      .      .      V
      .      .      V
350      .      .      RT LEC
      .      .      V
      .      .      V
352      .      .      RT C1A
      .      .      .
      .      .      .
354      .      .      .      GC1
      .      .      .      .
      .      .      .      .
359      .      .      CB GC1.....
      .      .      .
      .      .      .
361      .      .      .      PW7
      .      .      .      .
      .      .      .      .
367      .      .      .      -----c RRPW7

```

366

DV PW7

V

V

370

RT PA4

372

PA4

377

CP PA4.....

380

-----c 24PA4

379

DV PA4

V

V

383

RT PA6

385

PA6

390

CP PA6.....

393

-----c 36PA6

392

DV PA6

V

V

398

PA5

V

V

403

RT A7A

405

PA7

410

CP PA7.....

V

V

412

RT SDA

V

V

414

RT SDB

416

AW1

422

-----c
PW7SP RRPW7

423

CP AW1.....

426	.	.	.	.	-----c	RRAW1	
425	.	.	.	.	DV AW1		
	.	.	.	.	V		
	.	.	.	.	V		
428	.	.	.	.	RT AWC		
	.	.	.	.	V		
	.	.	.	.	V		
431	.	.	.	.	RT AWD		
		
		
434	.	.	.	.	AW2		
		
		
440	.	.	.	.	.	-----c	RRAW1
439	.	.	.	.	.	=
	.	.	.	.	AW1SP		
		
		
441	.	.	.	.	CP AW2.....		
	.	.	.	.	V		
	.	.	.	.	V		
443	.	.	.	.	DET36		
	.	.	.	.	V		
	.	.	.	.	V		
448	.	.	.	.	RT AWE		
		
		
453	.	.	.	.	-----c	36AW3	
450	.	.	.	.	DV A36		
		
		
457	.	.	.	.	.	-----c	24PA4
456	.	.	.	.	.	=
	.	.	.	.	2-24		
		
		
459	.	.	.	.	.	-----c	18AW3
458	.	.	.	.	DV 18		
		
		
462	.	.	.	.	.		AW3
		
		
467	.	.	.	.	CP AW3.....		
		
		
470	.	.	.	.	-----c	30AW3	
469	.	.	.	.	DV A30		
		
		
474	.	.	.	.	.	-----c	36PA6
473	.	.	.	.	36RCP		
		
		
476	.	.	.	.	.	-----c	18AW3
475	.	.	.	.	.	=
	.	.	.	.	18CMP		
		
		
477	.	.	.	.	.		SRS
		
		
482	.	.	.	.	CP SRS.....		

484 V
RT SDC

487 =----- 30AW3
486 30CMP

489 =----- 36AW3
488 36CMP
V
V
490 RT AWG

492 CP CHL.....
V
V
494 RT I1A

498 -----c 36S11
496 DV S11

501 S11
CP S11.....

509 -----c STDBL1
508 DV STD

513 -----c 24S11
512 0-CFS

517 =----- 36S11
516 36CMP
V
V
518 RT S12

520 S12
CP S12.....

527 RT T1A
V
V
530 RT SDD

532 CB RSD.....

```

534 . . . . . RSD
. . . . .
540 . . . . . =----- 30SLE
539 . . . . . PA3SP
. . . . .
541 . . . . . SLE
. . . . .
546 . . . . . CP SLE.....
. . . . .
550 . . . . . =----- 30SLE
548 . . . . . DV SLE
. . . . .
553 . . . . . CP RSD.....
. . . . . V
. . . . . V
555 . . . . . RT C1C
. . . . .
558 . . . . . =----- STSLE
557 . . . . . RC SLE
. . . . .
. . . . . CP GC1.....
. . . . . V
. . . . . V
561 . . . . . RT C2C
. . . . . V
. . . . . V
563 . . . . . RT C2D
. . . . .
565 . . . . . CP GC2.....
. . . . .
567 . . . . . UPR
. . . . .
572 . . . . . CB SLK.....
. . . . .
574 . . . . . LEA
. . . . .
581 . . . . . =----- 30JCP
579 . . . . . DV LEA
. . . . .
588 . . . . . =----- 24LEA
587 . . . . . DV LEA
. . . . .
590 . . . . . =----- 24S11
589 . . . . . 24CMP

```


645	.	.	CP MOY.....	
	.	.	V	
	.	.	V	
	.	.	DETMO	
	.	.	V	
	.	.	V	
652	.	.	RT K2B	
	.	.	.	
	.	.	.	
654	.	.	SLK	
	.	.	.	
	.	.	.	
659	.	.	CP SLK.....	
	.	.	V	
	.	.	V	
661	.	.	SLWSE	
	.	.	.	
	.	.	.	
669	.	.	PE1A	
	.	.	V	
	.	.	V	
674	.	.	SRT9C	
	.	.	V	
	.	.	V	
680	.	.	RT SBG	
	.	.	.	
	.	.	.	
682	.	.	PE1B	
	.	.	V	
	.	.	V	
687	.	.	SRT9B	
	.	.	.	
	.	.	.	
694	.	.	-----c PE1-RR	
693	.	.	DV PE1	
	.	.	V	
	.	.	V	
697	.	.	RT SBA	
	.	.	.	
	.	.	.	
699	.	.	CB PE1.....	
	.	.	V	
	.	.	V	
701	.	.	RT SBB	
	.	.	.	
	.	.	.	
703	.	.	PE2	
	.	.	.	
	.	.	.	
709	.	.	-----c PE1-RR	
708	.	.	RC DIV	
	.	.	.	
	.	.	.	
	.	.	CP PE2.....	
	.	.	.	
	.	.	.	
713	.	.	-----c RRPE2	
712	.	.	DV PE2	
	.	.	V	

716	.	.	V		
	.	.	RT SBC		
	.	.	V		
	.	.	V		
717	.	.	RT SBD		
	.	.	.		
	.	.	.		
720	.	.	PE3		
	.	.	.		
	.	.	.		
726	.	.	.	-----	RRPE2
725	.	.	PE2SP		
	.	.	.		
	.	.	.		
727	.	.	CP PE3.....		
	.	.	.		
	.	.	.		
730	.	.	.	-----c	RRPE3
729	.	.	DV PE3		
	.	.	V		
	.	.	V		
733	.	.	RT SBE		
	.	.	V		
	.	.	V		
735	.	.	RT SBF		
	.	.	.		
	.	.	.		
737	.	.	.	ESB	
	
	
742	.	.	CP ESB.....		
	.	.	V		
	.	.	V		
744	.	.	ESB-DT		
	.	.	.		
	.	.	.		
750	.	.	.	-----c	WR-ESB
749	.	.	DV ESB		
	.	.	V		
	.	.	V		
753	.	.	RT SE1		
	.	.	.		
	.	.	.		
755	.	.	SE1		
	.	.	.		
	.	.	.		
760	.	.	CP SE1.....		
	.	.	V		
	.	.	V		
762	.	.	RT SV6		
	.	.	.		
	.	.	.		
764	.	.	SV6		
	.	.	.		
	.	.	.		
767	.	.	.	SV7	
	
	
774	.	.	CP SV7.....		
	.	.	V		

776	.	V		
	.	SRT679		
	.	V		
	.	V		
	.	RT V4A		
	.	V		
	.	V		
786	.	RT V4B		
	.	.		
	.	.		
789	.	.	SV4	
	.	.	.	
	.	.	.	
794	.	CP SV4.....		
	.	V		
	.	V		
796	.	RT MIL		
	.	.		
	.	.		
799	.	.	SE2	
	.	.	V	
	.	.	V	
804	.	.	RT SV3	
	.	.	.	
	.	.	.	
807	.	.	SE3	
	.	.	V	
	.	.	V	
812	.	.	RT SV3	
	.	.	.	
	.	.	.	
814	.	.	.	SV3

819	.	.	CB SV3.....	
	.	.	.	
	.	.	.	
822	.	.	-----c DET B	
821	.	.	DV SV3	
	.	.	.	
	.	.	.	
826	.	.	.	----- DET B
825	.	.	RC SV3	
	.	.	V	
	.	.	V	
827	.	.	SRT3,8	
	.	.	.	
	.	.	.	
834	.	.	CP SV3.....	
	.	.	V	
	.	.	V	
836	.	.	RT MIL	
	.	.	.	
	.	.	.	
	.	.	SV5	
	.	.	.	
	.	.	.	
844	.	.	.	SE4


```

849 . . . CP SE4.....
      . . .   V
      . . .   V
850 . . . RT A1A
      . . .   .
      . . .   .
855 . . .   .----- 18HZL
854 . . .   =
      . . . RC HZL
      . . .   V
      . . .   V
856 . . .   RT A1D
      . . .   .
      . . .   .
858 . . . CB SD.....
      . . .   V
      . . .   V
860 . . . RT A1B
      . . .   .
      . . .   .
863 . . .   .----- 24LEA
862 . . .   =
      . . . RC LEA
      . . .   .
      . . .   .
865 . . .   .----- RRBOX
864 . . .   =
      . . .   RC BOX
      . . .   .
      . . .   .
866 . . . CB BOX.....
      . . .   V
      . . .   V
868 . . . RT M05
      . . .   .
      . . .   .
871 . . .   .----- 54ST2
870 . . .   =
      . . .   RC ST2
      . . .   .
      . . .   .
872 . . . CB SD1.....
      . . .   V
      . . .   V
874 . . .   RT T2D
      . . .   .
      . . .   .
876 . . . CB SD2.....
      . . .   V
      . . .   V
878 . . . RT A1C
      . . .   .
      . . .   .
880 . . .   MA1
      . . .   .
      . . .   .
885 . . .   ML3
      . . .   .
      . . .   .
890 . . . CP MA1.....
      . . .   V
      . . .   V
892 . . . RT GP1
      . . .   .

```

894	.	.	MA2	
	.	.	V	
	.	.	V	
8	.	.	RT GP2	
	.	.	V	
	.	.	V	
901	.	.	RT GP3	
	.	.	.	
	.	.	.	
903	.	.	.	SGP

908	.	.	CP SGP.....	
	.	.	.	
	.	.	.	
910	.	.	CB LLK.....	
	.	.	.	
	.	.	.	
912	.	.	PE5	
	.	.	V	
	.	.	V	
917	.	.	DET33	
	.	.	.	
	.	.	.	
923	.	.	.....c	RRPE5
922	.	.	DV PE5	
	.	.	V	
	.	.	V	
	.	.	RT HR1	
	.	.	.	
	.	.	.	
928	.	.	.	HR1

933	.	.	CP HR1.....	
	.	.	V	
	.	.	V	
935	.	.	RT H2A	
	.	.	V	
	.	.	V	
937	.	.	RT H2B	
	.	.	.	
	.	.	.	
939	.	.	.	HR2

944	.	.	CP HR2.....	
	.	.	V	
	.	.	V	
946	.	.	RT G3A	
	.	.	V	
	.	.	V	
948	.	.	RT G3B	
	.	.	.	
	.	.	.	
950	.	.	.	HR3
	.	.	.	V
	.	.	.	V
955	.	.	.	RT G3C

957	.	.	.	.	PE6	.	.	.	.

963	.	.	.	.	.	.	.	.	.
962	.	.	.	.	.	PE5SP	-----	RRPE5	.

964	.	.	.	.	CP PE6	.....	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.
966	.	.	.	.	DET24	.	.	.	.

972	.	.	.	.	.	-----c	RRPE6	.	.
971	.	.	.	.	DV PE6	.	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.
975	.	.	.	.	RT MGA	.	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.
977	.	.	.	.	RT MGB	.	.	.	.

979	.	.	.	.	.	MG1	.	.	.

984	.	.	.	.	CP MG1	.....	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.
986	.	.	.	.	RT G3D	.	.	.	.

988	.	.	.	.	.	PE7	.	.	.

994	.	.	.	.	.	.	.	.	.
993	.	.	.	.	.	.	-----	RRPE6	.
	.	.	.	.	.	PE6SP	.	.	.

995	.	.	.	.	CP PE7	.....	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.
997	.	.	.	.	DET24	.	.	.	.

1003	.	.	.	.	.	-----c	RRPE7	.	.
1002	.	.	.	.	DV PE7	.	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.
1006	.	.	.	.	RT NV1	.	.	.	.

1010	.	.	.	.	.	.	.	.	.

1013	.	.	.	.	CP NV1	.....	.	.	.
	.	.	.	.	V	.	.	.	.
	.	.	.	.	V	.	.	.	.

1015	.	.	.	.	.	RT TP1	.	.

1017	.	.	.	.	.	.	TP1	.

1022	.	.	.	.	.	CP TP1.....	.	.
	.	.	.	.	.	V	.	.
	.	.	.	.	.	V	.	.
1024	.	.	.	.	.	RT G3E	.	.
	.	.	.	.	.	V	.	.
	.	.	.	.	.	V	.	.
1026	.	.	.	.	.	RT G3F	.	.

1028	.	.	.	.	.	.	GV3	.

1033	.	.	.	.	.	CP GV3.....	.	.

1035	.	.	.	.	.	PH1	.	.

1041	.	.	.	.	.	.	RRPE7	.
1040	.	.	.	.	.	PE7SP	.	.

1042	.	.	.	.	.	CP PH1.....	.	.
	.	.	.	.	.	V	.	.
	.	.	.	.	.	V	.	.
1044	.	.	.	.	.	DET24	.	.

1050	.	.	.	.	.	.	RRPH1	.
1049	.	.	.	.	.	DV PH1	.	.
	.	.	.	.	.	V	.	.
	.	.	.	.	.	V	.	.
1053	.	.	.	.	.	RT TP2	.	.

1055	.	.	.	.	.	TP2	.	.

1060	.	.	.	.	.	CP TP2.....	.	.

1062	.	.	.	.	.	RH1	.	.

1068	.	.	.	.	.	.	RRPH1	.
1067	.	.	.	.	.	PH1SP	.	.

1070	.	.	.	.	.	CB RH1.....	.	.

1071	.	.	.	.	.	CP RH1.....	.	.
	.	.	.	.	.	V	.	.
	.	.	.	.	.	V	.	.

1073	.	.	.	RT GV1	.	.

1075	.	.	.	.	GV1	.

1080	.	.	.	CP GV1.....	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1082	.	.	.	RT GV2	.	.

1084	.	.	.	.	GV2	.

1089	.	.	.	CP GV3.....	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1091	.	.	.	RT LD2	.	.

1093	.	.	.	LD2	.	.

1098	.	.	.	CP LD2.....	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1100	.	.	.	RT VL2	.	.

1104	.	.	.	-----c LDHYD	.	.
1103	.	.	.	DV HYD	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1107	.	.	.	RT VL3	.	.

1109	.	.	.	LD1	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1114	.	.	.	RT VL1	.	.

1116	.	.	.	.	LVL	.

1121	.	.	.	CB LVL.....	.	.
	.	.	.	V	.	.
	.	.	.	V	.	.
1123	.	.	.	RT VD1	.	.

1125	.	.	.	.	PE4	.

1130	.	.	.	.	.	.

1130	.	.	.	PE3SP	----- RRPE3	.

1133	.	.	.	.	----- WR-ESB	.

1132	.	.	.	.	.	.	ESB SP

1134	.	.	.	.	CP PE4.....	.	.
	.	.	.	.	V	.	.
	.	.	.	.	V	.	.
1136	.	.	.	.	RT ML1	.	.

	.	.	.	.	.	ML1	.
1138	.	.	.	.	.	.	.

1143	.	.	.	.	CP ML1.....	.	.
	.	.	.	.	V	.	.
	.	.	.	.	V	.	.
1145	.	.	.	.	RT ML3	.	.
	.	.	.	.	V	.	.
	.	.	.	.	V	.	.
1148	.	.	.	.	RT VD2	.	.

1150	.	.	.	.	.	NVD	.

1155	.	.	.	.	CB A&C.....	.	.
	.	.	.	.	V	.	.
	.	.	.	.	V	.	.
1157	.	.	.	.	RT ML2	.	.

1160	.	.	.	.	.	ML2	.

1165	.	.	.	.	CB LLK.....	.	.

1168	.	.	.	.	.	LDHYD	.
1167	.	.	.	.	RC HYD	.	.
	.	.	.	.	V	.	.
	V	.	.
1169	RT LD3	.	.

1171	BER	.
	V	.
	V	.
1176	RT PAT	.	.

1178	PAT	.

1183	CP PAT.....	.	.

1185	CP LEM.....	.	.

1187	LD3	.


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1192 . . . . . CB LLK.....
. . . . .
11 . . . . . LV5
. . . . . V
. . . . . V
1199 . . . . . RT LV3
. . . . .
1201 . . . . . LV3
. . . . .
1206 . . . . . CP LV3.....
. . . . .
1208 . . . . . LV4
. . . . . V
. . . . . V
1213 . . . . . RT LV2
. . . . .
1215 . . . . . LV2
. . . . .
1220 . . . . . CP LV2.....
. . . . .
1222 . . . . . LV1
. . . . . V
. . . . . V
1227 . . . . . RT LLK
. . . . .
1229 . . . . . LLK
. . . . .
1234 . . . . . CP LLK.....
. . . . . V
. . . . . V
1236 . . . . . LLWSE

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(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

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*****
* . . . . . *
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* MAY 1991 *
* VERSION 4.0.1E *
* Lahey F77L-EM/32 version 5.01 *
* Dodson & Associates, Inc. *
* RUN DATE 03/21/00 TIME 15:48:59 *
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* . . . . . *
* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET *
* DAVIS, CALIFORNIA 95616 *
* (916) 551-1748 *
* . . . . . *
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5-YEAR, 24-HOUR EVENT PROPOSED CONDITIONS HYDROLOGIC MODEL
PREPARED BY STANTEC CONSULTING, SPARKS, NEVADA
JOB # :26000208
FILE NAME: PR_5.DAT
DATE: NOVEMBER 1999

BALANCED STORM DISTRIBUTION (PH CARDS)
RAINFALL DEPTH FROM SSPFS, 1997
SCS CURVE NUMBER METHOD
MUSKINGUM CUNGE ROUTING

16 IO OUTPUT CONTROL VARIABLES

IPRNT 5 PRINT CONTROL
IPLOT 0 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA

NMIN 5 MINUTES IN COMPUTATION INTERVAL
IDATE 1 0 STARTING DATE
ITIME 0000 STARTING TIME
NQ 1200 NUMBER OF HYDROGRAPH ORDINATES
NDDATE 5 0 ENDING DATE
NDTIME 0355 ENDING TIME
ICENT 19 CENTURY MARK

COMPUTATION INTERVAL 0.08 HOURS
TOTAL TIME BASE 99.92 HOURS

ENGLISH UNITS

DRAINAGE AREA SQUARE MILES
PRECIPITATION DEPTH INCHES
LENGTH, ELEVATION FEET
FLOW CUBIC FEET PER SECOND
STORAGE VOLUME ACRE-FEET
SURFACE AREA ACRES
TEMPERATURE DEGREES FAHRENHEIT

JP MULTI-PLAN OPTION

NPLAN 1 NUMBER OF PLANS

JR MULTI-RATIO OPTION

RATIOS OF PRECIPITATION
1.00 0.99 0.98 0.97 0.96 0.95

*** FDKRUT WARNING TIME STEP CALCULATION FAILED TO CONVERGE. STABILITY PROBLEMS MAY RESULT

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*** FDKRUT - NEWTON RAPHSON FAILEDFIXED POINT ITERATION USED - ITERATION= 1

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

OPERATION	STATION	AREA	PLAN		RATIOS APPLIED TO PRECIPITATION					
					RATIO 1	RATIO 2	RATIO 3	RATIO 4	RATIO 5	RATIO 6
					1.00	0.99	0.98	0.97	0.96	0.95
HYDROGRAPH AT										
+ FR1	13.01	1	FLOW	764.	744.	725.	705.	686.	667.	
			TIME	15.00	15.00	15.00	15.00	15.00	15.00	
HYDROGRAPH AT										
+ FR2	6.84	1	FLOW	338.	328.	318.	308.	299.	289.	
			TIME	14.33	14.33	14.33	14.33	14.33	14.33	
2 COMBINED AT										
+ CP FRD	19.85	1	FLOW	1076.	1047.	1018.	989.	961.	933.	
			TIME	14.67	14.67	14.67	14.75	14.75	14.75	
ROUTED TO										
+ RT K4A	19.85	1	FLOW	1076.	1046.	1018.	989.	961.	933.	
			TIME	15.33	15.42	15.42	15.42	15.42	15.42	
HYDROGRAPH AT										
+ RR1	4.23	1	FLOW	439.	429.	420.	410.	400.	391.	
			TIME	14.00	14.00	14.00	14.00	14.00	14.00	
ROUTED TO										
+ RT K4B	4.23	1	FLOW	439.	429.	419.	410.	400.	391.	
			TIME	14.08	14.08	14.08	14.08	14.08	14.08	
ROUTED TO										
+ RT K4C	4.23	1	FLOW	439.	429.	419.	410.	400.	391.	
			TIME	14.17	14.17	14.17	14.17	14.17	14.17	
HYDROGRAPH AT										
+ SK4	6.25	1	FLOW	526.	513.	499.	486.	473.	460.	
			TIME	13.67	13.67	13.75	13.75	13.75	13.75	

3 COMBINED AT										
+	CP SK4	30.33	1	FLOW	1763.	1717.	1671.	1625.	1581.	1536.
				TIME	14.92	14.92	14.92	15.00	15.00	15.00
ROU TO										
+	SARB	30.33	1	FLOW	1694.	1642.	1593.	1538.	1486.	1438.
				TIME	15.50	15.50	15.58	15.67	15.67	15.75
** PEAK STAGES IN FEET **										
	1	STAGE	5040.17	5040.16	5040.16	5040.15	5040.15	5040.15	5040.14	
		TIME	15.50	15.50	15.58	15.67	15.67	15.67	15.75	
ROUTED TO										
+	RT SK3	30.33	1	FLOW	1669.	1616.	1568.	1515.	1462.	1409.
				TIME	16.17	16.17	16.25	16.33	16.42	16.50
HYDROGRAPH AT										
+	SK3	7.81	1	FLOW	756.	739.	722.	706.	689.	672.
				TIME	13.92	13.92	13.92	13.92	13.92	13.92
2 COMBINED AT										
+	CP SK3	38.14	1	FLOW	2070.	2006.	1941.	1872.	1804.	1743.
				TIME	16.08	16.17	16.25	16.33	16.33	16.42
ROUTED TO										
+	RT K2A	38.14	1	FLOW	2011.	1947.	1882.	1815.	1748.	1683.
				TIME	16.50	16.58	16.67	16.75	16.83	16.83
HYDROGRAPH AT										
+	SK2	2.40	1	FLOW	285.	279.	273.	266.	260.	255.
				TIME	13.58	13.58	13.58	13.58	13.58	13.58
2 COMBINED AT										
+	CP SK2	40.54	1	FLOW	2116.	2048.	1979.	1908.	1838.	1771.
				TIME	16.50	16.58	16.67	16.75	16.83	16.83
HYDROGRAPH AT										
+	SK1	1.60	1	FLOW	170.	166.	161.	157.	153.	148.
				TIME	13.08	13.08	13.08	13.08	13.08	13.08
2 COMBINED AT										
+	CB SLK	42.14	1	FLOW	2165.	2094.	2024.	1952.	1880.	1812.
				TIME	16.50	16.58	16.67	16.75	16.83	16.83
HYDROGRAPH AT										
+	PW6	1.21	1	FLOW	41.	39.	38.	36.	34.	33.
				TIME	13.67	13.75	13.75	13.75	13.75	13.75
DIVERSION TO										
+	60PW6	1.21	1	FLOW	41.	39.	38.	36.	34.	33.
				TIME	13.67	13.75	13.75	13.75	13.75	13.75
HYDROGRAPH AT										
+	DV PW6	1.21	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	0.08	0.08	0.08	0.08	0.08	0.08
HYDROGRAPH AT										
+	PW5	0.90	1	FLOW	32.	31.	30.	28.	27.	26.
				TIME	13.83	13.83	13.83	13.83	13.92	13.92

3 COMBINED AT										
+	CP PW4	3.22	1	FLOW TIME	71. 13.25	68. 13.25	65. 13.25	63. 13.25	60. 13.33	57. 13.33
ROL TO										
+	DET48	3.22	1	FLOW TIME	71. 13.25	68. 13.25	65. 13.33	63. 13.33	60. 13.33	57. 13.33
** PEAK STAGES IN FEET **										
	1	STAGE TIME			70.72 13.25	70.62 13.25	70.52 13.33	70.43 13.33	70.34 13.33	70.25 13.33
ROUTED TO										
+	RT R4E	3.22	1	FLOW TIME	71. 13.33	68. 13.33	65. 13.33	62. 13.33	60. 13.33	57. 13.33
HYDROGRAPH AT										
+	48RCP	0.00	1	FLOW TIME	36. 12.75	35. 12.75	34. 12.75	32. 12.75	31. 12.75	30. 12.75
ROUTED TO										
+	RT R4A	0.00	1	FLOW TIME	36. 12.92	35. 12.92	34. 12.92	32. 12.92	31. 12.92	30. 12.92
HYDROGRAPH AT										
+	24RCP	0.00	1	FLOW TIME	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
HYDROGRAPH AT										
+	42RCP	0.00	1	FLOW TIME	22. 12.58	21. 12.58	20. 12.58	20. 12.58	19. 12.58	18. 12.58
ROUTED TO										
+	RT R4C	0.00	1	FLOW TIME	22. 12.75	21. 12.75	20. 12.75	20. 12.75	19. 12.75	18. 12.75
HYDROGRAPH AT										
+	48RCP	0.00	1	FLOW TIME	68. 13.25	66. 13.25	63. 13.25	61. 13.25	59. 13.25	57. 13.25
ROUTED TO										
+	RT R4D	0.00	1	FLOW TIME	68. 13.25	66. 13.25	63. 13.25	61. 13.25	59. 13.25	57. 13.25
HYDROGRAPH AT										
+	GR4	0.39	1	FLOW TIME	67. 12.42	65. 12.42	63. 12.42	61. 12.42	59. 12.42	58. 12.42
6 COMBINED AT										
+	CP GR4	3.61	1	FLOW TIME	216. 13.08	208. 13.08	201. 13.08	193. 13.08	186. 13.08	179. 13.08
ROUTED TO										
+	RT R3A	3.61	1	FLOW TIME	215. 13.08	208. 13.17	200. 13.17	193. 13.17	186. 13.17	179. 13.17
HYDROGRAPH AT										
+	42RCP	0.00	1	FLOW TIME	11. 13.83	10. 13.83	9. 13.83	8. 13.83	8. 13.92	7. 13.92

2 COMBINED AT										
+	CB GC3	0.29	1	FLOW TIME	110. 12.33	108. 12.33	107. 12.33	105. 12.33	104. 12.33	102. 12.33
2 COMBINED AT										
+	CB SLK	49.86	1	FLOW TIME	2361. 16.50	2284. 16.58	2207. 16.67	2129. 16.75	2051. 16.75	1979. 16.83
HYDROGRAPH AT										
+	PA2	0.25	1	FLOW TIME	26. 12.42	25. 12.42	24. 12.42	23. 12.42	23. 12.42	22. 12.42
ROUTED TO										
+	RT SL1	0.25	1	FLOW TIME	26. 12.42	25. 12.42	24. 12.42	23. 12.42	22. 12.42	21. 12.42
HYDROGRAPH AT										
+	SL1	0.02	1	FLOW TIME	14. 12.17	14. 12.17	14. 12.17	13. 12.17	13. 12.17	13. 12.17
2 COMBINED AT										
+	CP SL1	0.27	1	FLOW TIME	32. 12.33	31. 12.33	30. 12.33	28. 12.33	27. 12.33	26. 12.33
ROUTED TO										
+	RT C2A	0.27	1	FLOW TIME	33. 12.50	32. 12.50	31. 12.50	29. 12.50	28. 12.50	27. 12.50
ROUTED TO										
+	RT C2B	0.27	1	FLOW TIME	35. 12.58	34. 12.58	33. 12.58	31. 12.58	30. 12.58	28. 12.58
HYDROGRAPH AT										
+	GC2	0.18	1	FLOW TIME	42. 12.50	42. 12.50	41. 12.50	40. 12.50	39. 12.50	38. 12.50
2 COMBINED AT										
+	CB GC2	0.45	1	FLOW TIME	77. 12.58	75. 12.58	72. 12.58	70. 12.58	68. 12.58	66. 12.58
HYDROGRAPH AT										
+	PA3	0.10	1	FLOW TIME	24. 12.33	23. 12.33	23. 12.33	22. 12.33	21. 12.33	21. 12.33
ROUTED TO										
+	RT LEA	0.10	1	FLOW TIME	23. 12.33	23. 12.33	22. 12.33	22. 12.33	21. 12.33	20. 12.33
DIVERSION TO										
+	30SLE	0.10	1	FLOW TIME	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
HYDROGRAPH AT										
+	DV SLE	0.10	1	FLOW TIME	23. 12.33	23. 12.33	22. 12.33	22. 12.33	21. 12.33	20. 12.33
ROUTED TO										
+	RT LEC	0.10	1	FLOW TIME	23. 12.33	22. 12.33	22. 12.33	21. 12.33	21. 12.33	20. 12.33

ROUTED TO											
+	RT C1A	0.10	1	FLOW TIME	23. 12.50	23. 12.50	22. 12.50	22. 12.50	21. 12.50	21. 12.50	
HYDROGRAPH AT											
+	GC1	0.25	1	FLOW TIME	55. 12.42	54. 12.42	53. 12.42	52. 12.42	50. 12.42	49. 12.42	
2 COMBINED AT											
+	CB GC1	0.35	1	FLOW TIME	77. 12.50	76. 12.50	74. 12.50	72. 12.50	70. 12.50	69. 12.50	
HYDROGRAPH AT											
+	PW7	1.25	1	FLOW TIME	55. 13.92	53. 13.92	51. 13.92	49. 13.92	47. 13.92	46. 13.92	
DIVERSION TO											
+	RRPW7	1.25	1	FLOW TIME	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	
HYDROGRAPH AT											
+	DV PW7	1.25	1	FLOW TIME	55. 13.92	53. 13.92	51. 13.92	49. 13.92	47. 13.92	46. 13.92	
ROUTED TO											
+	RT PA4	1.25	1	FLOW TIME	55. 13.92	53. 13.92	51. 13.92	49. 13.92	47. 14.00	46. 14.00	
HYDROGRAPH AT											
+	PA4	0.02	1	FLOW TIME	15. 12.17	15. 12.17	14. 12.17	14. 12.17	14. 12.17	14. 12.17	
2 COMBINED AT											
+	CP PA4	1.27	1	FLOW TIME	56. 13.92	54. 13.92	52. 13.92	51. 13.92	49. 13.92	47. 14.00	
DIVERSION TO											
+	24PA4	1.27	1	FLOW TIME	0. 13.92	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	
HYDROGRAPH AT											
+	DV PA4	1.27	1	FLOW TIME	56. 13.92	54. 13.92	52. 13.92	51. 13.92	49. 13.92	47. 14.00	
ROUTED TO											
+	RT PA6	1.27	1	FLOW TIME	56. 13.92	54. 13.92	52. 13.92	51. 13.92	49. 14.00	47. 14.00	
HYDROGRAPH AT											
+	PA6	0.01	1	FLOW TIME	8. 12.08	8. 12.08	8. 12.17	8. 12.17	8. 12.17	8. 12.17	
2 COMBINED AT											
+	CP PA6	1.28	1	FLOW TIME	57. 13.92	55. 13.92	53. 13.92	51. 13.92	49. 14.00	48. 14.00	
DIVERSION TO											
+	36PA6	1.28	1	FLOW TIME	2. 13.92	1. 13.92	1. 13.92	0. 0.08	0. 0.08	0. 0.08	

HYDROGRAPH AT										
+	36RCP	0.00	1	FLOW TIME	2. 13.92	1. 13.92	1. 13.92	0. 0.08	0. 0.08	0. 0.08
HYDROGRAPH AT										
+	18CMP	0.00	1	FLOW TIME	0. 13.92	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
HYDROGRAPH AT										
+	SRS	0.03	1	FLOW TIME	18. 12.25	18. 12.25	18. 12.25	17. 12.25	17. 12.25	17. 12.25
4 COMBINED AT										
+	CP SRS	0.54	1	FLOW TIME	51. 12.25	50. 12.25	49. 12.25	48. 12.25	46. 12.25	45. 12.25
ROUTED TO										
+	RT SDC	0.54	1	FLOW TIME	50. 12.25	50. 12.25	48. 12.25	47. 12.25	45. 12.25	44. 12.25
HYDROGRAPH AT										
+	30CMP	0.00	1	FLOW TIME	29. 12.17	29. 12.17	29. 12.17	29. 12.17	29. 12.17	29. 12.17
HYDROGRAPH AT										
+	36CMP	0.00	1	FLOW TIME	12. 13.50	12. 13.58	11. 13.58	11. 13.58	10. 13.58	10. 13.58
ROUTED TO										
+	RT AWG	0.00	1	FLOW TIME	12. 13.58	12. 13.58	11. 13.58	11. 13.58	10. 13.67	10. 13.67
2 COMBINED AT										
+	CP CHL	0.00	1	FLOW TIME	29. 12.25	29. 12.25	29. 12.25	29. 12.25	29. 12.17	29. 12.17
ROUTED TO										
+	RT I1A	0.00	1	FLOW TIME	29. 12.25	29. 12.25	29. 12.25	29. 12.25	29. 12.25	29. 12.25
DIVERSION TO										
+	36SI1	0.00	1	FLOW TIME	29. 12.25	29. 12.25	29. 12.25	29. 12.25	29. 12.25	29. 12.25
HYDROGRAPH AT										
+	DV S11	0.00	1	FLOW TIME	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08	0. 0.08
HYDROGRAPH AT										
+	S11	0.04	1	FLOW TIME	24. 12.17	24. 12.17	23. 12.17	23. 12.17	23. 12.17	22. 12.17
2 COMBINED AT										
+	CP S11	0.04	1	FLOW TIME	24. 12.17	24. 12.17	23. 12.17	23. 12.17	23. 12.17	22. 12.17
DIVERSION TO										
+	STDBL1	0.04	1	FLOW TIME	3. 12.17	3. 12.17	2. 12.17	2. 12.17	2. 12.17	1. 12.17

HYDROGRAPH AT											
+	DV SLE	0.13	1	FLOW TIME	28. 12.17	28. 12.17	28. 12.17	28. 12.17	28. 12.17	28. 12.17	
3 COMBINED AT											
+	CP RSD	2.05	1	FLOW TIME	148. 12.25	146. 12.25	143. 12.25	141. 12.25	139. 12.25	137. 12.25	
ROUTED TO											
+	RT C1C	2.05	1	FLOW TIME	151. 12.42	149. 12.42	147. 12.42	144. 12.42	143. 12.42	141. 12.42	
HYDROGRAPH AT											
+	RC SLE	0.00	1	FLOW TIME	29. 12.33	28. 12.33	27. 12.33	26. 12.33	25. 12.33	24. 12.33	
3 COMBINED AT											
+	CP GC1	2.39	1	FLOW TIME	253. 12.42	248. 12.42	243. 12.42	238. 12.42	235. 12.42	229. 12.42	
ROUTED TO											
+	RT C2C	2.39	1	FLOW TIME	239. 12.50	234. 12.42	232. 12.50	226. 12.50	222. 12.50	219. 12.50	
ROUTED TO											
+	RT C2D	2.39	1	FLOW TIME	241. 12.50	237. 12.50	232. 12.50	225. 12.58	222. 12.58	219. 12.58	
2 COMBINED AT											
+	CP GC2	2.85	1	FLOW TIME	314. 12.58	307. 12.58	304. 12.58	296. 12.58	290. 12.58	284. 12.58	
HYDROGRAPH AT											
+	UPR	0.14	1	FLOW TIME	63. 12.50	62. 12.50	61. 12.50	60. 12.50	59. 12.50	59. 12.50	
3 COMBINED AT											
+	CB SLK	52.85	1	FLOW TIME	2444. 16.50	2364. 16.58	2284. 16.67	2203. 16.75	2124. 16.75	2049. 16.83	
HYDROGRAPH AT											
+	LEA	0.14	1	FLOW TIME	52. 12.58	52. 12.58	51. 12.58	50. 12.58	49. 12.58	49. 12.58	
DIVERSION TO											
+	30JCP	0.14	1	FLOW TIME	18. 12.17	18. 12.17	18. 12.17	18. 12.17	18. 12.17	18. 12.17	
HYDROGRAPH AT											
+	DV LEA	0.14	1	FLOW TIME	34. 12.58	34. 12.58	33. 12.58	32. 12.58	31. 12.58	31. 12.58	
DIVERSION TO											
+	24LEA	0.14	1	FLOW TIME	15. 12.33	15. 12.33	15. 12.33	15. 12.33	15. 12.33	15. 12.33	
HYDROGRAPH AT											
+	DV LEA	0.14	1	FLOW TIME	19. 12.58	19. 12.58	18. 12.58	17. 12.58	16. 12.58	16. 12.58	

DIVERSION TO
 + RRBOX 0.42 1 FLOW 25. 25. 25. 25. 25. 25.
 TIME 12.33 12.33 12.33 12.33 12.33 12.33

HYDROGRAPH AT
 + DV BOX 0.42 1 FLOW 73. 71. 69. 66. 64. 61.
 TIME 12.58 12.58 12.58 12.58 12.58 12.58

2 COMBINED AT
 + CP LEA 0.56 1 FLOW 93. 90. 86. 83. 80. 77.
 TIME 12.58 12.58 12.58 12.58 12.58 12.58

HYDROGRAPH AT
 + ST3 0.53 1 FLOW 116. 114. 112. 110. 108. 106.
 TIME 12.92 12.92 12.92 12.92 12.92 12.92

ROUTED TO
 + RT MO3 0.53 1 FLOW 116. 114. 112. 110. 108. 106.
 TIME 13.00 13.00 13.00 13.00 13.00 13.00

ROUTED TO
 + RT MO4 0.53 1 FLOW 116. 114. 112. 110. 108. 106.
 TIME 13.08 13.08 13.08 13.08 13.08 13.08

HYDROGRAPH AT
 + MOY 1.17 1 FLOW 194. 191. 187. 184. 181. 177.
 TIME 13.42 13.42 13.42 13.42 13.42 13.42

3 COMBINED AT
 + CP MOY 2.26 1 FLOW 301. 296. 290. 285. 280. 275.
 TIME 13.25 13.25 13.25 13.25 13.25 13.25

ROUTED TO
 + DETMO 2.26 1 FLOW 48. 47. 46. 45. 44. 43.
 TIME 18.67 18.75 18.75 18.75 18.83 18.83

** PEAK STAGES IN FEET **
 1 STAGE 4966.82 4966.80 4966.78 4966.76 4966.74 4966.72
 TIME 18.50 18.67 18.75 18.58 18.75 18.75

ROUTED TO
 + RT K2B 2.26 1 FLOW 48. 47. 46. 45. 44. 43.
 TIME 19.08 19.08 19.17 19.17 19.17 19.25

HYDROGRAPH AT
 + SLK 1.32 1 FLOW 779. 769. 759. 749. 738. 728.
 TIME 12.33 12.33 12.33 12.33 12.33 12.33

3 COMBINED AT
 + CP SLK 56.43 1 FLOW 2545. 2462. 2380. 2297. 2217. 2140.
 TIME 16.50 16.58 16.67 16.75 16.75 16.83

ROUTED TO
 + SLWSE 56.43 1 FLOW 0. 0. 0. 0. 0. 0.
 TIME 0.08 0.08 0.08 0.08 0.08 0.08

** PEAK STAGES IN FEET **
 1 STAGE 4960.86 4960.81 4960.75 4960.70 4960.65 4960.59
 TIME 95.08 96.83 95.92 97.42 95.75 98.75

HYDROGRAPH AT

+	PE1A	0.05	1	FLOW	6.	6.	5.	5.	5.	5.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33

ROI TO

+	SRT9C	0.05	1	FLOW	1.	1.	1.	1.	0.	0.
				TIME	18.33	18.42	19.00	19.58	20.17	20.75

** PEAK STAGES IN FEET **

1	STAGE	90.22	90.21	90.20	90.19	90.18	90.18
	TIME	18.33	18.50	19.00	19.67	20.33	20.92

ROUTED TO

+	RT SBG	0.05	1	FLOW	1.	1.	1.	1.	0.	0.
				TIME	18.42	18.50	19.08	19.58	20.25	20.83

HYDROGRAPH AT

+	PE1B	0.11	1	FLOW	11.	11.	11.	10.	10.	9.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

ROUTED TO

+	SRT9B	0.11	1	FLOW	10.	10.	9.	9.	8.	8.
				TIME	12.50	12.50	12.50	12.58	12.58	12.58

** PEAK STAGES IN FEET **

1	STAGE	97.35	97.28	97.22	97.16	97.10	97.04
	TIME	12.50	12.50	12.50	12.58	12.58	12.58

DIVERSION TO

+	PE1-RR	0.11	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	0.08	0.08	0.08	0.08	0.08	0.08

HYDROGRAPH AT

+	DV PE1	0.11	1	FLOW	10.	10.	9.	9.	8.	8.
				TIME	12.50	12.50	12.50	12.58	12.58	12.58

ROUTED TO

+	RT SBA	0.11	1	FLOW	10.	10.	9.	9.	9.	8.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58

2 COMBINED AT

+	CB PE1	0.16	1	FLOW	10.	10.	9.	9.	9.	8.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58

ROUTED TO

+	RT SBB	0.16	1	FLOW	10.	9.	9.	9.	8.	8.
				TIME	12.75	12.75	12.75	12.75	12.75	12.75

HYDROGRAPH AT

+	PE2	0.35	1	FLOW	27.	26.	25.	24.	24.	23.
				TIME	12.83	12.83	12.83	12.83	12.83	12.83

HYDROGRAPH AT

+	RC DIV	0.00	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	0.08	0.08	0.08	0.08	0.08	0.08

2 COMBINED AT

+	CP PE2	0.35	1	FLOW	27.	26.	25.	24.	24.	23.
				TIME	12.83	12.83	12.83	12.83	12.83	12.83

DIVERSION TO										
+	WR-ESB	0.99	1	FLOW	63.	60.	57.	53.	50.	47.
				TIME	12.50	12.50	12.50	12.50	12.50	12.50
HYDROGRAPH AT										
+	DV ESB	0.99	1	FLOW	86.	86.	85.	85.	84.	83.
				TIME	12.50	12.50	12.50	12.50	12.50	12.50
ROUTED TO										
+	RT SE1	0.99	1	FLOW	86.	85.	85.	85.	84.	83.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58
HYDROGRAPH AT										
+	SE1	0.08	1	FLOW	40.	40.	39.	39.	38.	37.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33
2 COMBINED AT										
+	CP SE1	1.07	1	FLOW	116.	114.	113.	111.	110.	108.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42
ROUTED TO										
+	RT SV6	1.07	1	FLOW	117.	115.	114.	112.	111.	109.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67
HYDROGRAPH AT										
+	SV6	0.32	1	FLOW	75.	74.	72.	71.	69.	68.
				TIME	12.58	12.58	12.58	12.58	12.58	12.58
HYDROGRAPH AT										
+	SV7	0.07	1	FLOW	14.	14.	13.	13.	13.	12.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33
3 COMBINED AT										
+	CP SV7	1.46	1	FLOW	197.	194.	191.	188.	185.	182.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67
ROUTED TO										
+	SRT679	1.46	1	FLOW	65.	63.	62.	61.	60.	59.
				TIME	15.08	15.17	15.17	15.17	15.25	15.25
** PEAK STAGES IN FEET **										
			1	STAGE	72.39	72.33	72.26	72.20	72.13	72.06
				TIME	15.08	15.17	15.17	15.17	15.25	15.25
ROUTED TO										
+	RT V4A	1.46	1	FLOW	65.	63.	62.	61.	60.	59.
				TIME	15.08	15.17	15.17	15.25	15.25	15.25
ROUTED TO										
+	RT V4B	1.46	1	FLOW	65.	63.	62.	61.	60.	59.
				TIME	15.17	15.25	15.25	15.33	15.33	15.42
HYDROGRAPH AT										
+	SV4	0.11	1	FLOW	37.	36.	35.	35.	34.	33.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25
2 COMBINED AT										
+	CP SV4	1.57	1	FLOW	69.	68.	67.	65.	64.	63.
				TIME	15.00	15.00	15.00	15.08	15.08	15.08

ROUTED TO
 + RT MIL 1.57 1 FLOW 69. 68. 67. 65. 64. 63.
 TIME 15.08 15.08 15.08 15.08 15.08 15.17

HYPH APH AT
 + SE2 0.09 1 FLOW 61. 60. 59. 58. 58. 57.
 TIME 12.25 12.25 12.25 12.25 12.25 12.25

ROUTED TO
 + RT SV3 0.09 1 FLOW 65. 65. 64. 64. 63. 62.
 TIME 12.67 12.67 12.67 12.67 12.67 12.67

HYDROGRAPH AT
 + SE3 0.05 1 FLOW 27. 27. 27. 26. 26. 25.
 TIME 12.25 12.25 12.25 12.25 12.25 12.25

ROUTED TO
 + RT SV3 0.05 1 FLOW 30. 29. 29. 28. 28. 28.
 TIME 12.67 12.67 12.67 12.67 12.67 12.67

HYDROGRAPH AT
 + SV3 0.28 1 FLOW 63. 62. 61. 60. 58. 57.
 TIME 12.67 12.67 12.67 12.67 12.67 12.67

3 COMBINED AT
 + CB SV3 0.42 1 FLOW 158. 156. 154. 152. 149. 147.
 TIME 12.67 12.67 12.67 12.67 12.67 12.67

DIVERSION TO
 + DET B 0.42 1 FLOW 125. 125. 125. 125. 125. 125.
 TIME 12.58 12.58 12.58 12.58 12.58 12.58

HYDROGRAPH AT
 + DV SV3 0.42 1 FLOW 33. 31. 29. 27. 24. 22.
 TIME 12.67 12.67 12.67 12.67 12.67 12.67

HYDROGRAPH AT
 + RC SV3 0.00 1 FLOW 125. 125. 125. 125. 125. 125.
 TIME 12.58 12.58 12.58 12.58 12.58 12.58

ROUTED TO
 + SRT3,8 0.00 1 FLOW 43. 42. 41. 40. 40. 39.
 TIME 13.67 13.67 13.75 13.75 13.75 13.75

** PEAK STAGES IN FEET **
 1 STAGE 4961.40 4961.35 4961.29 4961.23 4961.18 4961.12
 TIME 13.67 13.67 13.75 13.75 13.75 13.75

2 COMBINED AT
 + CP SV3 0.42 1 FLOW 43. 42. 41. 40. 40. 39.
 TIME 13.67 13.67 13.75 13.75 13.75 13.75

ROUTED TO
 + RT MIL 0.42 1 FLOW 43. 42. 41. 40. 40. 39.
 TIME 13.75 13.75 13.75 13.83 13.83 13.83

HYDROGRAPH AT
 + SV5 0.03 1 FLOW 30. 29. 29. 28. 28. 28.
 TIME 12.08 12.08 12.08 12.08 12.08 12.08

HYDROGRAPH AT										
+	SE4	0.01	1	FLOW	5.	5.	5.	4.	4.	4.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25
2 COMBINED AT										
+	CP SE4	0.04	1	FLOW	32.	32.	31.	31.	30.	30.
				TIME	12.08	12.08	12.08	12.08	12.08	12.08
ROUTED TO										
+	RT A1A	0.04	1	FLOW	27.	27.	26.	26.	25.	26.
				TIME	12.17	12.17	12.17	12.17	12.17	12.17
HYDROGRAPH AT										
+	RC HZL	0.00	1	FLOW	16.	16.	16.	16.	16.	16.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25
ROUTED TO										
+	RT A1D	0.00	1	FLOW	16.	16.	16.	16.	16.	16.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33
2 COMBINED AT										
+	CB SD	0.04	1	FLOW	43.	42.	42.	42.	41.	41.
				TIME	12.17	12.17	12.17	12.17	12.17	12.17
ROUTED TO										
+	RT A1B	0.04	1	FLOW	40.	39.	38.	38.	38.	37.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25
HYDROGRAPH AT										
+	RC LEA	0.00	1	FLOW	15.	15.	15.	15.	15.	15.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33
HYDROGRAPH AT										
+	RC BOX	0.00	1	FLOW	25.	25.	25.	25.	25.	25.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33
2 COMBINED AT										
+	CB BOX	0.00	1	FLOW	40.	40.	40.	40.	40.	40.
				TIME	12.33	12.33	12.33	12.33	12.33	12.33
ROUTED TO										
+	RT M05	0.00	1	FLOW	40.	40.	40.	40.	40.	40.
				TIME	12.50	12.50	12.50	12.58	12.58	12.58
HYDROGRAPH AT										
+	RC ST2	0.00	1	FLOW	65.	65.	65.	65.	65.	65.
				TIME	12.25	12.25	12.25	12.25	12.25	12.25
2 COMBINED AT										
+	CB SD1	0.00	1	FLOW	105.	105.	105.	105.	105.	105.
				TIME	12.50	12.50	12.50	12.58	12.58	12.58
ROUTED TO										
+	RT T2D	0.00	1	FLOW	105.	105.	105.	105.	105.	105.
				TIME	13.00	13.00	12.92	12.92	12.92	12.92
2 COMBINED AT										
+	CB SD2	0.04	1	FLOW	127.	127.	127.	127.	126.	126.
				TIME	12.50	12.58	12.58	12.58	12.58	12.58

** PEAK STAGES IN FEET **

1	STAGE	5194.35	5194.29	5194.23	5194.18	5194.12	5194.07
	TIME	13.00	13.00	13.00	13.00	13.00	13.00

DIV. JN TO

+	RRPH1	0.11	1	FLOW	0.	0.	0.	0.	0.
				TIME	0.08	0.08	0.08	0.08	0.08

HYDROGRAPH AT

+	DV PH1	0.11	1	FLOW	9.	8.	8.	8.	7.
				TIME	13.00	13.00	13.00	13.00	13.00

ROUTED TO

+	RT TP2	0.11	1	FLOW	9.	8.	8.	8.	7.
				TIME	13.08	13.08	13.08	13.17	13.17

HYDROGRAPH AT

+	TP2	0.10	1	FLOW	37.	36.	35.	35.	34.
				TIME	12.25	12.25	12.25	12.25	12.25

2 COMBINED AT

+	CP TP2	0.21	1	FLOW	38.	37.	36.	35.	34.
				TIME	12.25	12.25	12.25	12.25	12.25

HYDROGRAPH AT

+	RH1	0.69	1	FLOW	126.	123.	120.	117.	114.
				TIME	12.42	12.42	12.42	12.42	12.42

HYDROGRAPH AT

+	PH1SP	0.00	1	FLOW	0.	0.	0.	0.	0.
				TIME	0.08	0.08	0.08	0.08	0.08

2 COMBINED AT

+	CB RH1	0.69	1	FLOW	126.	123.	120.	117.	114.
				TIME	12.42	12.42	12.42	12.42	12.42

2 COMBINED AT

+	CP RH1	0.90	1	FLOW	153.	150.	146.	143.	140.
				TIME	12.42	12.42	12.42	12.42	12.42

ROUTED TO

+	RT GV1	0.90	1	FLOW	155.	151.	148.	145.	141.
				TIME	12.58	12.58	12.58	12.58	12.58

HYDROGRAPH AT

+	GV1	3.13	1	FLOW	107.	104.	100.	97.	93.
				TIME	13.83	13.83	13.83	13.83	13.83

2 COMBINED AT

+	CP GV1	4.03	1	FLOW	181.	176.	172.	167.	163.
				TIME	12.58	12.58	12.58	12.58	12.58

ROUTED TO

+	RT GV2	4.03	1	FLOW	185.	181.	176.	172.	168.
				TIME	12.75	12.75	12.75	12.75	12.75

HYDROGRAPH AT

+	GV2	0.58	1	FLOW	26.	25.	24.	23.	21.
				TIME	12.75	12.75	12.75	12.75	12.75

HYDROGRAPH AT										
+	ESB SP	0.00	1	FLOW	63.	60.	57.	53.	50.	47.
				TIME	12.50	12.50	12.50	12.50	12.50	12.50
3 COMBINED AT										
+	CP PE4	1.85	1	FLOW	211.	206.	200.	195.	189.	184.
				TIME	13.08	13.08	13.08	13.08	13.08	13.08
ROUTED TO										
+	RT ML1	1.85	1	FLOW	211.	206.	200.	194.	189.	184.
				TIME	13.42	13.33	13.33	13.33	13.42	13.42
HYDROGRAPH AT										
+	ML1	1.06	1	FLOW	134.	131.	128.	126.	123.	120.
				TIME	13.33	13.33	13.33	13.33	13.33	13.33
2 COMBINED AT										
+	CP ML1	2.91	1	FLOW	345.	336.	328.	320.	311.	304.
				TIME	13.33	13.33	13.33	13.33	13.42	13.42
ROUTED TO										
+	RT ML3	2.91	1	FLOW	345.	336.	328.	319.	311.	303.
				TIME	13.42	13.42	13.42	13.42	13.42	13.42
ROUTED TO										
+	RT VD2	2.91	1	FLOW	344.	336.	328.	320.	311.	303.
				TIME	13.50	13.42	13.42	13.42	13.42	13.42
HYDROGRAPH AT										
+	NVD	0.15	1	FLOW	41.	40.	40.	39.	38.	37.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42
4 COMBINED AT										
+	CB A&C	12.97	1	FLOW	809.	789.	770.	751.	729.	714.
				TIME	13.17	13.17	13.17	13.17	13.25	13.25
ROUTED TO										
+	RT ML2	12.97	1	FLOW	768.	749.	731.	713.	694.	676.
				TIME	13.75	13.75	13.75	13.75	13.75	13.75
HYDROGRAPH AT										
+	ML2	0.48	1	FLOW	70.	69.	67.	65.	64.	62.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67
3 COMBINED AT										
+	CB LLK	16.38	1	FLOW	1068.	1041.	1017.	994.	969.	945.
				TIME	13.67	13.75	13.75	13.75	13.75	13.75
HYDROGRAPH AT										
+	RC HYD	0.00	1	FLOW	18.	17.	15.	14.	13.	12.
				TIME	12.92	12.92	12.92	12.92	12.92	12.92
ROUTED TO										
+	RT LD3	0.00	1	FLOW	13.	11.	11.	10.	8.	7.
				TIME	13.75	13.83	13.83	13.83	13.92	14.00
HYDROGRAPH AT										
+	BER	0.59	1	FLOW	28.	27.	26.	25.	24.	23.
				TIME	12.92	12.92	12.92	13.00	13.00	13.00

ROUTED TO

+	RT LLK	0.85	1	FLOW	85.	82.	80.	77.	74.	72.
				TIME	12.67	12.67	12.67	12.67	12.67	12.67

HYDROGRAPH AT

+	LLK	3.34	1	FLOW	1273.	1252.	1232.	1211.	1191.	1170.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

5 COMBINED AT

+	CP LLK	39.98	1	FLOW	1673.	1639.	1607.	1574.	1542.	1509.
				TIME	12.42	12.42	12.42	12.42	12.42	12.42

ROUTED TO

+	LLWSE	39.98	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	0.08	0.08	0.08	0.08	0.08	0.08

** PEAK STAGES IN FEET **

1	STAGE	4913.44	4913.41	4913.39	4913.37	4913.35	4913.33
	TIME	35.92	36.58	35.58	36.67	36.75	41.42

SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

INTERPOLATED TO
COMPUTATION INTERVAL

ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	DT	PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)
FOR PLAN = 1 RATIO= 0.00									
RT K4A	MANE	5.00	1075.59	920.00	0.53	5.00	1075.59	920.00	0.53

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5595E+03 EXCESS=0.0000E+00 OUTFLOW=0.5596E+03 BASIN STORAGE=0.1774E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	1046.36	925.00	0.52	5.00	1046.36	925.00	0.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5463E+03 EXCESS=0.0000E+00 OUTFLOW=0.5464E+03 BASIN STORAGE=0.1758E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	1017.70	925.00	0.50	5.00	1017.70	925.00	0.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5332E+03 EXCESS=0.0000E+00 OUTFLOW=0.5333E+03 BASIN STORAGE=0.1626E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	989.25	925.00	0.49	5.00	989.25	925.00	0.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5202E+03 EXCESS=0.0000E+00 OUTFLOW=0.5202E+03 BASIN STORAGE=0.1610E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A	MANE	5.00	961.00	925.00	0.48	5.00	961.00	925.00	0.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5073E+03 EXCESS=0.0000E+00 OUTFLOW=0.5074E+03 BASIN STORAGE=0.1595E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4A MANE 5.00 932.97 925.00 0.47 5.00 932.97 925.00 0.47

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4945E+03 EXCESS=0.0000E+00 OUTFLOW=0.4946E+03 BASIN STORAGE=0.1538E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 4.88 438.80 844.33 0.81 5.00 438.64 845.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1829E+03 EXCESS=0.0000E+00 OUTFLOW=0.1829E+03 BASIN STORAGE=0.1254E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 4.91 429.07 844.39 0.79 5.00 428.94 845.00 0.79

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1792E+03 EXCESS=0.0000E+00 OUTFLOW=0.1792E+03 BASIN STORAGE=0.1549E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 4.94 419.40 844.51 0.78 5.00 419.31 845.00 0.78

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1756E+03 EXCESS=0.0000E+00 OUTFLOW=0.1756E+03 BASIN STORAGE=0.1356E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 4.97 409.80 844.70 0.76 5.00 409.74 845.00 0.76

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1719E+03 EXCESS=0.0000E+00 OUTFLOW=0.1719E+03 BASIN STORAGE=0.1647E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 5.00 400.25 844.94 0.75 5.00 400.24 845.00 0.75

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1683E+03 EXCESS=0.0000E+00 OUTFLOW=0.1683E+03 BASIN STORAGE=0.1473E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4B MANE 5.00 390.76 845.00 0.73 5.00 390.76 845.00 0.73

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1647E+03 EXCESS=0.0000E+00 OUTFLOW=0.1647E+03 BASIN STORAGE=0.1389E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 5.00 438.77 850.00 0.81 5.00 438.77 850.00 0.81

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1829E+03 EXCESS=0.0000E+00 OUTFLOW=0.1829E+03 BASIN STORAGE=0.2072E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 5.00 429.05 850.00 0.79 5.00 429.05 850.00 0.79

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1793E+03 EXCESS=0.0000E+00 OUTFLOW=0.1793E+03 BASIN STORAGE=0.2022E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 5.00 419.41 850.00 0.78 5.00 419.41 850.00 0.78

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1756E+03 EXCESS=0.0000E+00 OUTFLOW=0.1756E+03 BASIN STORAGE=0.2693E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 5.00 409.84 850.00 0.76 5.00 409.84 850.00 0.76

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1720E+03 EXCESS=0.0000E+00 OUTFLOW=0.1720E+03 BASIN STORAGE=0.2667E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 5.00 400.34 850.00 0.75 5.00 400.34 850.00 0.75

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1683E+03 EXCESS=0.0000E+00 OUTFLOW=0.1683E+03 BASIN STORAGE=0.2660E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K4C MANE 5.00 390.84 850.00 0.73 5.00 390.84 850.00 0.73

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1647E+03 EXCESS=0.0000E+00 OUTFLOW=0.1647E+03 BASIN STORAGE=0.2593E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SK3 MANE 1.25 1670.44 968.75 0.43 5.00 1669.02 970.00 0.43

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6925E+03 EXCESS=0.0000E+00 OUTFLOW=0.6907E+03 BASIN STORAGE=0.1609E-01 PERCENT ERROR= 0.3

FOR PLAN = 1 RATIO= 0.00

RT SK3 MANE 1.00 1617.96 972.00 0.41 5.00 1615.63 970.00 0.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6712E+03 EXCESS=0.0000E+00 OUTFLOW=0.6690E+03 BASIN STORAGE=0.1577E-01 PERCENT ERROR= 0.3

FOR PLAN = 1 RATIO= 0.00

RT SK3 MANE 1.25 1567.93 975.00 0.40 5.00 1567.93 975.00 0.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6499E+03 EXCESS=0.0000E+00 OUTFLOW=0.6482E+03 BASIN STORAGE=0.1698E-01 PERCENT ERROR= 0.3

FOR PLAN = 1 RATIO= 0.00

RT SK3 MANE 1.25 1515.26 978.75 0.39 5.00 1514.84 980.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6289E+03 EXCESS=0.0000E+00 OUTFLOW=0.6272E+03 BASIN STORAGE=0.1697E-01 PERCENT ERROR= 0.3

FOR PLAN = 1 RATIO= 0.00

RT SK3 MANE 1.00 1463.27 983.00 0.37 5.00 1461.66 985.00 0.37

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6080E+03 EXCESS=0.0000E+00 OUTFLOW=0.6060E+03 BASIN STORAGE=0.1564E-01 PERCENT ERROR= 0.3

FOR PLAN = 1 RATIO= 0.00

RT SK3 MANE 1.00 1412.67 987.00 0.36 5.00 1409.10 990.00 0.36

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5873E+03 EXCESS=0.0000E+00 OUTFLOW=0.5853E+03 BASIN STORAGE=0.1698E-01 PERCENT ERROR= 0.3

FOR PLAN = 1 RATIO= 0.00

RT K2A MANE 5.00 2010.75 990.00 0.49 5.00 2010.75 990.00 0.49

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1002E+04 EXCESS=0.0000E+00 OUTFLOW=0.1002E+04 BASIN STORAGE=0.6822E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A MANE 5.00 1946.51 995.00 0.48 5.00 1946.51 995.00 0.48

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9740E+03 EXCESS=0.0000E+00 OUTFLOW=0.9735E+03 BASIN STORAGE=0.7286E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A MANE 5.00 1881.71 1000.00 0.46 5.00 1881.71 1000.00 0.46

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9463E+03 EXCESS=0.0000E+00 OUTFLOW=0.9458E+03 BASIN STORAGE=0.7410E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2A MANE 5.00 1815.26 1005.00 0.45 5.00 1815.26 1005.00 0.45

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9195E+03 EXCESS=0.0000E+00 OUTFLOW=0.9190E+03 BASIN STORAGE=0.7378E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT K2A MANE 5.00 1748.24 1010.00 0.44 5.00 1748.24 1010.00 0.44

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8924E+03 EXCESS=0.0000E+00 OUTFLOW=0.8920E+03 BASIN STORAGE=0.7753E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT K2A MANE 5.00 1683.08 1010.00 0.43 5.00 1683.08 1010.00 0.43

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8657E+03 EXCESS=0.0000E+00 OUTFLOW=0.8653E+03 BASIN STORAGE=0.7342E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT SS2 MANE 4.02 40.87 824.90 -1.00 5.00 40.87 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT SS2 MANE 4.07 39.18 826.46 -1.00 5.00 39.15 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT SS2 MANE 4.12 37.55 827.92 -1.00 5.00 37.53 825.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT SS2 MANE 4.17 35.94 829.57 -1.00 5.00 35.92 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT SS2 MANE 4.22 34.37 827.19 -1.00 5.00 34.34 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT SS2 MANE 4.27 32.88 829.18 -1.00 5.00 32.86 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R3D MANE 3.11 72.80 824.86 8.31 5.00 72.79 825.00 8.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4432E+02 EXCESS=0.0000E+00 OUTFLOW=0.4432E+02 BASIN STORAGE=0.8513E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D MANE 3.14 70.47 823.74 8.11 5.00 70.46 825.00 8.11

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4328E+02 EXCESS=0.0000E+00 OUTFLOW=0.4328E+02 BASIN STORAGE=0.8812E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D MANE 3.18 68.22 825.64 7.92 5.00 68.22 825.00 7.92

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4225E+02 EXCESS=0.0000E+00 OUTFLOW=0.4225E+02 BASIN STORAGE=0.7863E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D MANE 3.21 66.00 827.63 7.73 5.00 65.95 825.00 7.73

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4122E+02 EXCESS=0.0000E+00 OUTFLOW=0.4122E+02 BASIN STORAGE=0.8354E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D MANE 3.24 63.79 826.59 7.54 5.00 63.75 825.00 7.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4020E+02 EXCESS=0.0000E+00 OUTFLOW=0.4020E+02 BASIN STORAGE=0.8535E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3D	MANE	3.28	61.69	828.58	7.35	5.00	61.64	830.00	7.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3918E+02 EXCESS=0.0000E+00 OUTFLOW=0.3918E+02 BASIN STORAGE=0.8935E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	1.55	70.80	797.68	0.18	5.00	70.69	800.00	0.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3135E+02 EXCESS=0.0000E+00 OUTFLOW=0.3135E+02 BASIN STORAGE=0.4109E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	1.57	67.98	796.85	0.18	5.00	67.91	800.00	0.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3047E+02 EXCESS=0.0000E+00 OUTFLOW=0.3047E+02 BASIN STORAGE=0.4164E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	1.59	65.19	797.57	0.17	5.00	65.18	800.00	0.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2959E+02 EXCESS=0.0000E+00 OUTFLOW=0.2959E+02 BASIN STORAGE=0.3825E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	1.61	62.50	801.46	0.17	5.00	62.48	800.00	0.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2873E+02 EXCESS=0.0000E+00 OUTFLOW=0.2873E+02 BASIN STORAGE=0.3967E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	1.63	59.85	800.75	0.16	5.00	59.83	800.00	0.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2788E+02 EXCESS=0.0000E+00 OUTFLOW=0.2788E+02 BASIN STORAGE=0.3968E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4E	MANE	1.65	57.27	801.80	0.16	5.00	57.21	800.00	0.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2704E+02 EXCESS=0.0000E+00 OUTFLOW=0.2704E+02 BASIN STORAGE=0.3877E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R4A	MANE	5.00	36.19	775.00	-1.00	5.00	36.19	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R4A	MANE	4.75	34.90	774.25	-1.00	5.00	34.86	775.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4A	MANE	4.75	33.68	774.25	-1.00	5.00	33.65	775.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4A	MANE	4.50	32.44	774.00	-1.00	5.00	32.43	775.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4A	MANE	4.50	31.25	778.50	-1.00	5.00	31.24	775.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4A	MANE	4.50	30.11	778.50	-1.00	5.00	30.06	775.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4C	MANE	4.25	21.90	765.00	-1.00	5.00	21.90	765.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4C	MANE	4.25	21.16	765.00	-1.00	5.00	21.16	765.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4C	MANE	4.00	20.47	764.00	-1.00	5.00	20.38	765.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4C	MANE	4.00	19.71	764.00	-1.00	5.00	19.65	765.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4C	MANE	4.00	18.97	764.00	-1.00	5.00	18.92	765.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4C	MANE	3.75	18.20	765.00	-1.00	5.00	18.20	765.00	-1.00
FOR PLAN = 1 RATIO= 0.00									
RT R4D	MANE	1.95	67.80	796.19	-1.00	5.00	67.79	795.00	-1.00
FOR PLAN = 1 RATIO= 0.00									

RT R4D MANE 1.97 65.60 796.42 -1.00 5.00 65.58 795.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4D MANE 1.99 63.44 796.76 -1.00 5.00 63.38 795.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4D MANE 2.01 61.29 797.23 -1.00 5.00 61.20 795.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4D MANE 2.04 59.15 797.81 -1.00 5.00 59.05 795.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R4D MANE 2.06 57.03 798.55 -1.00 5.00 56.93 795.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT R3A MANE 4.41 215.46 788.93 0.46 5.00 215.28 785.00 0.46

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8864E+02 EXCESS=0.0000E+00 OUTFLOW=0.8865E+02 BASIN STORAGE=0.1675E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A MANE 4.45 207.80 788.35 0.45 5.00 207.54 790.00 0.45

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8635E+02 EXCESS=0.0000E+00 OUTFLOW=0.8636E+02 BASIN STORAGE=0.1639E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A MANE 4.50 200.48 787.78 0.44 5.00 200.22 790.00 0.44

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8408E+02 EXCESS=0.0000E+00 OUTFLOW=0.8409E+02 BASIN STORAGE=0.1603E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A MANE 4.55 193.11 787.28 0.43 5.00 193.00 790.00 0.43

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8184E+02 EXCESS=0.0000E+00 OUTFLOW=0.8185E+02 BASIN STORAGE=0.1498E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A MANE 4.60 185.96 791.49 0.41 5.00 185.89 790.00 0.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7962E+02 EXCESS=0.0000E+00 OUTFLOW=0.7962E+02 BASIN STORAGE=0.1424E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3A	MANE	4.65	178.99	791.26	0.40	5.00	178.91	790.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7741E+02 EXCESS=0.0000E+00 OUTFLOW=0.7741E+02 BASIN STORAGE=0.1338E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.25	10.61	838.50	-1.00	5.00	10.58	840.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.00	9.81	840.00	-1.00	5.00	9.81	840.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.00	9.04	840.00	-1.00	5.00	9.04	840.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.00	8.27	840.00	-1.00	5.00	8.27	840.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.00	7.52	843.00	-1.00	5.00	7.52	840.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT R3B	MANE	3.00	6.79	843.00	-1.00	5.00	6.79	845.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	5.00	294.54	805.00	0.44	5.00	294.54	805.00	0.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1408E+03 EXCESS=0.0000E+00 OUTFLOW=0.1408E+03 BASIN STORAGE=0.2661E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	5.00	284.31	805.00	0.43	5.00	284.31	805.00	0.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1371E+03 EXCESS=0.0000E+00 OUTFLOW=0.1371E+03 BASIN STORAGE=0.2632E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	5.00	274.00	805.00	0.42	5.00	274.00	805.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1335E+03 EXCESS=0.0000E+00 OUTFLOW=0.1335E+03 BASIN STORAGE=0.2619E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	5.00	263.30	810.00	0.41	5.00	263.30	810.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1300E+03 EXCESS=0.0000E+00 OUTFLOW=0.1300E+03 BASIN STORAGE=0.2586E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	5.00	253.46	810.00	0.40	5.00	253.46	810.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1264E+03 EXCESS=0.0000E+00 OUTFLOW=0.1264E+03 BASIN STORAGE=0.2547E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLB	MANE	5.00	243.43	810.00	0.39	5.00	243.43	810.00	0.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1229E+03 EXCESS=0.0000E+00 OUTFLOW=0.1229E+03 BASIN STORAGE=0.2522E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	5.00	20.95	750.00	0.73	5.00	20.95	750.00	0.73
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3894E+01 EXCESS=0.0000E+00 OUTFLOW=0.3895E+01 BASIN STORAGE=0.8539E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	5.00	20.44	750.00	0.72	5.00	20.44	750.00	0.72
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3813E+01 EXCESS=0.0000E+00 OUTFLOW=0.3813E+01 BASIN STORAGE=0.8445E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	5.00	19.93	750.00	0.70	5.00	19.93	750.00	0.70
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3732E+01 EXCESS=0.0000E+00 OUTFLOW=0.3733E+01 BASIN STORAGE=0.8352E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	5.00	19.42	755.00	0.68	5.00	19.42	755.00	0.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3652E+01 EXCESS=0.0000E+00 OUTFLOW=0.3652E+01 BASIN STORAGE=0.8258E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	5.00	18.95	755.00	0.67	5.00	18.95	755.00	0.67
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3572E+01 EXCESS=0.0000E+00 OUTFLOW=0.3572E+01 BASIN STORAGE=0.8163E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SLA	MANE	5.00	18.47	755.00	0.65	5.00	18.47	755.00	0.65
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3493E+01 EXCESS=0.0000E+00 OUTFLOW=0.3493E+01 BASIN STORAGE=0.8068E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1 MANE 2.25 23.42 753.75 0.33 5.00 23.40 755.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7187E+01 EXCESS=0.0000E+00 OUTFLOW=0.7188E+01 BASIN STORAGE=0.3787E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1 MANE 2.25 22.26 756.00 0.32 5.00 22.26 755.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6977E+01 EXCESS=0.0000E+00 OUTFLOW=0.6977E+01 BASIN STORAGE=0.3730E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1 MANE 2.25 21.17 758.25 0.31 5.00 21.14 755.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6769E+01 EXCESS=0.0000E+00 OUTFLOW=0.6769E+01 BASIN STORAGE=0.3674E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1 MANE 2.25 20.12 758.25 0.30 5.00 20.04 755.00 0.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6564E+01 EXCESS=0.0000E+00 OUTFLOW=0.6564E+01 BASIN STORAGE=0.3617E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1 MANE 2.25 19.08 758.25 0.29 5.00 18.96 755.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6361E+01 EXCESS=0.0000E+00 OUTFLOW=0.6361E+01 BASIN STORAGE=0.3560E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS1 MANE 2.00 18.04 758.00 0.28 5.00 17.96 760.00 0.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6160E+01 EXCESS=0.0000E+00 OUTFLOW=0.6160E+01 BASIN STORAGE=0.3423E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3 MANE 5.00 29.95 760.00 0.39 5.00 29.95 760.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9158E+01 EXCESS=0.0000E+00 OUTFLOW=0.9160E+01 BASIN STORAGE=0.1386E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3 MANE 5.00 28.67 760.00 0.38 5.00 28.67 760.00 0.38

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8917E+01 EXCESS=0.0000E+00 OUTFLOW=0.8918E+01 BASIN STORAGE=0.1367E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3 MANE 5.00 27.41 760.00 0.37 5.00 27.41 760.00 0.37

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8678E+01 EXCESS=0.0000E+00 OUTFLOW=0.8679E+01 BASIN STORAGE=0.1349E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	5.00	26.17	760.00	0.36	5.00	26.17	760.00	0.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8442E+01 EXCESS=0.0000E+00 OUTFLOW=0.8443E+01 BASIN STORAGE=0.1295E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	5.00	25.06	760.00	0.35	5.00	25.06	760.00	0.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8208E+01 EXCESS=0.0000E+00 OUTFLOW=0.8209E+01 BASIN STORAGE=0.1336E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SS3	MANE	5.00	23.93	760.00	0.34	5.00	23.93	760.00	0.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7976E+01 EXCESS=0.0000E+00 OUTFLOW=0.7977E+01 BASIN STORAGE=0.1434E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	5.00	22.39	740.00	1.35	5.00	22.39	740.00	1.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2888E+01 EXCESS=0.0000E+00 OUTFLOW=0.2887E+01 BASIN STORAGE=0.4721E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	5.00	22.06	740.00	1.33	5.00	22.06	740.00	1.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2845E+01 EXCESS=0.0000E+00 OUTFLOW=0.2844E+01 BASIN STORAGE=0.4678E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	5.00	21.72	740.00	1.31	5.00	21.72	740.00	1.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2802E+01 EXCESS=0.0000E+00 OUTFLOW=0.2801E+01 BASIN STORAGE=0.4635E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	5.00	21.38	740.00	1.29	5.00	21.38	740.00	1.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2759E+01 EXCESS=0.0000E+00 OUTFLOW=0.2758E+01 BASIN STORAGE=0.4592E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A	MANE	5.00	21.05	740.00	1.27	5.00	21.05	740.00	1.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2716E+01 EXCESS=0.0000E+00 OUTFLOW=0.2716E+01 BASIN STORAGE=0.4549E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3A MANE 5.00 20.71 740.00 1.25 5.00 20.71 740.00 1.25

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2674E+01 EXCESS=0.0000E+00 OUTFLOW=0.2673E+01 BASIN STORAGE=0.4506E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B MANE 3.73 34.94 756.87 1.28 5.00 34.86 755.00 1.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8221E+01 EXCESS=0.0000E+00 OUTFLOW=0.8222E+01 BASIN STORAGE=0.6212E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B MANE 3.74 34.64 755.07 1.26 5.00 34.63 755.00 1.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8095E+01 EXCESS=0.0000E+00 OUTFLOW=0.8096E+01 BASIN STORAGE=0.6107E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B MANE 3.75 34.29 757.00 1.24 5.00 34.22 755.00 1.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7967E+01 EXCESS=0.0000E+00 OUTFLOW=0.7968E+01 BASIN STORAGE=0.5996E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B MANE 3.76 34.00 755.20 1.23 5.00 33.97 755.00 1.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7842E+01 EXCESS=0.0000E+00 OUTFLOW=0.7842E+01 BASIN STORAGE=0.5876E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B MANE 3.77 33.64 757.15 1.21 5.00 33.60 755.00 1.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7715E+01 EXCESS=0.0000E+00 OUTFLOW=0.7715E+01 BASIN STORAGE=0.5663E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT L3B MANE 3.78 33.35 755.34 1.19 5.00 33.32 755.00 1.19

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7589E+01 EXCESS=0.0000E+00 OUTFLOW=0.7589E+01 BASIN STORAGE=0.5553E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3 MANE 1.87 55.75 741.63 1.31 5.00 55.25 740.00 1.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1183E+02 EXCESS=0.0000E+00 OUTFLOW=0.1183E+02 BASIN STORAGE=0.3360E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3 MANE 1.88 55.24 741.71 1.29 5.00 54.69 740.00 1.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1165E+02 EXCESS=0.0000E+00 OUTFLOW=0.1165E+02 BASIN STORAGE=0.3210E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.88	54.46	742.53	1.27	5.00	53.88	740.00	1.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1147E+02 EXCESS=0.0000E+00 OUTFLOW=0.1147E+02 BASIN STORAGE=0.3213E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.89	53.91	742.63	1.25	5.00	53.34	740.00	1.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1129E+02 EXCESS=0.0000E+00 OUTFLOW=0.1129E+02 BASIN STORAGE=0.3115E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.90	53.20	741.70	1.23	5.00	52.65	740.00	1.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1111E+02 EXCESS=0.0000E+00 OUTFLOW=0.1111E+02 BASIN STORAGE=0.3545E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GC3	MANE	1.90	52.73	741.86	1.21	5.00	52.07	740.00	1.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1093E+02 EXCESS=0.0000E+00 OUTFLOW=0.1093E+02 BASIN STORAGE=0.3409E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.98	26.40	744.24	0.40	5.00	26.39	745.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5391E+01 EXCESS=0.0000E+00 OUTFLOW=0.5391E+01 BASIN STORAGE=0.7533E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.98	25.39	745.06	0.39	5.00	25.39	745.00	0.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5248E+01 EXCESS=0.0000E+00 OUTFLOW=0.5248E+01 BASIN STORAGE=0.7498E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	0.99	24.39	745.00	0.38	5.00	24.39	745.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5106E+01 EXCESS=0.0000E+00 OUTFLOW=0.5106E+01 BASIN STORAGE=0.7339E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	1.00	23.41	745.08	0.37	5.00	23.41	745.00	0.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4965E+01 EXCESS=0.0000E+00 OUTFLOW=0.4965E+01 BASIN STORAGE=0.7606E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	1.01	22.44	745.30	0.36	5.00	22.43	745.00	0.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4826E+01 EXCESS=0.0000E+00 OUTFLOW=0.4826E+01 BASIN STORAGE=0.7106E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SL1	MANE	1.02	21.49	745.66	0.35	5.00	21.47	745.00	0.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4688E+01 EXCESS=0.0000E+00 OUTFLOW=0.4688E+01 BASIN STORAGE=0.7650E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	32.64	750.00	0.46	5.00	32.64	750.00	0.46
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6676E+01 EXCESS=0.0000E+00 OUTFLOW=0.6681E+01 BASIN STORAGE=0.2143E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	31.58	750.00	0.45	5.00	31.58	750.00	0.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6512E+01 EXCESS=0.0000E+00 OUTFLOW=0.6517E+01 BASIN STORAGE=0.2116E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	30.53	750.00	0.44	5.00	30.53	750.00	0.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6350E+01 EXCESS=0.0000E+00 OUTFLOW=0.6355E+01 BASIN STORAGE=0.2096E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	29.49	750.00	0.43	5.00	29.49	750.00	0.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6189E+01 EXCESS=0.0000E+00 OUTFLOW=0.6194E+01 BASIN STORAGE=0.2069E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	28.45	750.00	0.42	5.00	28.45	750.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6030E+01 EXCESS=0.0000E+00 OUTFLOW=0.6034E+01 BASIN STORAGE=0.2053E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2A	MANE	5.00	27.42	750.00	0.41	5.00	27.42	750.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5872E+01 EXCESS=0.0000E+00 OUTFLOW=0.5876E+01 BASIN STORAGE=0.2025E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	5.00	34.96	755.00	0.46	5.00	34.96	755.00	0.46
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6681E+01 EXCESS=0.0000E+00 OUTFLOW=0.6685E+01 BASIN STORAGE=0.2303E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	5.00	33.77	755.00	0.45	5.00	33.77	755.00	0.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6517E+01 EXCESS=0.0000E+00 OUTFLOW=0.6521E+01 BASIN STORAGE=0.2280E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	5.00	32.52	755.00	0.44	5.00	32.52	755.00	0.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6355E+01 EXCESS=0.0000E+00 OUTFLOW=0.6359E+01 BASIN STORAGE=0.2262E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	5.00	31.22	755.00	0.43	5.00	31.22	755.00	0.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6194E+01 EXCESS=0.0000E+00 OUTFLOW=0.6198E+01 BASIN STORAGE=0.2240E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	5.00	29.88	755.00	0.42	5.00	29.88	755.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6034E+01 EXCESS=0.0000E+00 OUTFLOW=0.6038E+01 BASIN STORAGE=0.2225E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C2B	MANE	5.00	28.49	755.00	0.41	5.00	28.49	755.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5876E+01 EXCESS=0.0000E+00 OUTFLOW=0.5880E+01 BASIN STORAGE=0.2201E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LEA	MANE	1.49	23.58	740.84	0.66	5.00	23.28	740.00	0.66
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3494E+01 EXCESS=0.0000E+00 OUTFLOW=0.3494E+01 BASIN STORAGE=0.1901E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA	MANE	1.50	23.05	741.17	0.64	5.00	22.68	740.00	0.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3419E+01 EXCESS=0.0000E+00 OUTFLOW=0.3419E+01 BASIN STORAGE=0.1759E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA	MANE	1.51	22.48	741.55	0.63	5.00	22.14	740.00	0.63
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3345E+01 EXCESS=0.0000E+00 OUTFLOW=0.3345E+01 BASIN STORAGE=0.1837E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA	MANE	1.52	21.72	742.00	0.61	5.00	21.58	740.00	0.61
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3271E+01 EXCESS=0.0000E+00 OUTFLOW=0.3271E+01 BASIN STORAGE=0.1888E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA	MANE	1.53	21.29	740.99	0.60	5.00	20.97	740.00	0.60
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3198E+01 EXCESS=0.0000E+00 OUTFLOW=0.3198E+01 BASIN STORAGE=0.1916E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEA	MANE	1.54	20.77	741.58	0.59	5.00	20.41	740.00	0.59
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3125E+01 EXCESS=0.0000E+00 OUTFLOW=0.3125E+01 BASIN STORAGE=0.1928E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.81	23.20	741.00	0.66	5.00	22.90	740.00	0.66
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3495E+01 EXCESS=0.0000E+00 OUTFLOW=0.3495E+01 BASIN STORAGE=0.5869E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.81	22.62	740.86	0.64	5.00	22.32	740.00	0.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3420E+01 EXCESS=0.0000E+00 OUTFLOW=0.3420E+01 BASIN STORAGE=0.5891E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.81	22.05	741.15	0.63	5.00	21.75	740.00	0.63
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3346E+01 EXCESS=0.0000E+00 OUTFLOW=0.3346E+01 BASIN STORAGE=0.5887E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.82	21.53	740.83	0.61	5.00	21.23	740.00	0.61
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3272E+01 EXCESS=0.0000E+00 OUTFLOW=0.3272E+01 BASIN STORAGE=0.6096E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.82	20.90	741.04	0.60	5.00	20.60	740.00	0.60
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3199E+01 EXCESS=0.0000E+00 OUTFLOW=0.3199E+01 BASIN STORAGE=0.5711E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LEC	MANE	0.83	20.36	740.88	0.59	5.00	20.07	740.00	0.59
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3126E+01 EXCESS=0.0000E+00 OUTFLOW=0.3126E+01 BASIN STORAGE=0.5782E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1A MANE 5.00 23.46 750.00 0.66 5.00 23.46 750.00 0.66

CO JITY SUMMARY (AC-FT) - INFLOW=0.3496E+01 EXCESS=0.0000E+00 OUTFLOW=0.3498E+01 BASIN STORAGE=0.1698E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A MANE 5.00 22.88 750.00 0.64 5.00 22.88 750.00 0.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3421E+01 EXCESS=0.0000E+00 OUTFLOW=0.3423E+01 BASIN STORAGE=0.1683E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A MANE 5.00 22.29 750.00 0.63 5.00 22.29 750.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3347E+01 EXCESS=0.0000E+00 OUTFLOW=0.3349E+01 BASIN STORAGE=0.1669E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A MANE 5.00 21.75 750.00 0.61 5.00 21.75 750.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3273E+01 EXCESS=0.0000E+00 OUTFLOW=0.3275E+01 BASIN STORAGE=0.1648E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A MANE 5.00 21.16 750.00 0.60 5.00 21.16 750.00 0.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3199E+01 EXCESS=0.0000E+00 OUTFLOW=0.3201E+01 BASIN STORAGE=0.1639E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT C1A MANE 5.00 20.60 750.00 0.59 5.00 20.60 750.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3126E+01 EXCESS=0.0000E+00 OUTFLOW=0.3128E+01 BASIN STORAGE=0.1626E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PA4 MANE 2.17 54.85 834.35 0.40 5.00 54.84 835.00 0.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2692E+02 EXCESS=0.0000E+00 OUTFLOW=0.2692E+02 BASIN STORAGE=0.3746E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4 MANE 2.19 52.94 835.85 0.39 5.00 52.94 835.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2620E+02 EXCESS=0.0000E+00 OUTFLOW=0.2620E+02 BASIN STORAGE=0.3703E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4 MANE 2.22 51.10 837.50 0.38 5.00 51.07 835.00 0.38

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2548E+02 EXCESS=0.0000E+00 OUTFLOW=0.2548E+02 BASIN STORAGE=0.3956E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	2.24	49.26	837.06	0.37	5.00	49.23	835.00	0.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2477E+02 EXCESS=0.0000E+00 OUTFLOW=0.2477E+02 BASIN STORAGE=0.3846E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	2.26	47.46	838.99	0.36	5.00	47.41	840.00	0.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2406E+02 EXCESS=0.0000E+00 OUTFLOW=0.2406E+02 BASIN STORAGE=0.3995E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA4	MANE	2.29	45.68	838.81	0.35	5.00	45.65	840.00	0.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2337E+02 EXCESS=0.0000E+00 OUTFLOW=0.2337E+02 BASIN STORAGE=0.3819E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6	MANE	1.15	56.03	832.28	0.42	5.00	56.02	835.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2826E+02 EXCESS=0.0000E+00 OUTFLOW=0.2826E+02 BASIN STORAGE=0.2019E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6	MANE	1.16	54.33	835.79	0.41	5.00	54.31	835.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2751E+02 EXCESS=0.0000E+00 OUTFLOW=0.2751E+02 BASIN STORAGE=0.1973E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6	MANE	1.17	52.45	836.96	0.40	5.00	52.42	835.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2677E+02 EXCESS=0.0000E+00 OUTFLOW=0.2677E+02 BASIN STORAGE=0.2040E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6	MANE	1.18	50.60	837.07	0.38	5.00	50.55	840.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2604E+02 EXCESS=0.0000E+00 OUTFLOW=0.2604E+02 BASIN STORAGE=0.1973E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6	MANE	1.20	48.76	837.34	0.37	5.00	48.74	840.00	0.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2532E+02 EXCESS=0.0000E+00 OUTFLOW=0.2532E+02 BASIN STORAGE=0.1972E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT PA6 MANE 1.21 46.95 840.08 0.36 5.00 46.95 840.00 0.36

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2460E+02 EXCESS=0.0000E+00 OUTFLOW=0.2460E+02 BASIN STORAGE=0.2008E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.28 54.55 836.09 0.42 5.00 54.54 835.00 0.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2888E+02 EXCESS=0.0000E+00 OUTFLOW=0.2888E+02 BASIN STORAGE=0.2231E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.29 53.63 836.16 0.41 5.00 53.61 835.00 0.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2819E+02 EXCESS=0.0000E+00 OUTFLOW=0.2819E+02 BASIN STORAGE=0.2258E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.29 52.61 836.71 0.40 5.00 52.59 840.00 0.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2748E+02 EXCESS=0.0000E+00 OUTFLOW=0.2748E+02 BASIN STORAGE=0.2291E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.30 51.28 837.48 0.39 5.00 51.27 840.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2675E+02 EXCESS=0.0000E+00 OUTFLOW=0.2675E+02 BASIN STORAGE=0.2266E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.32 49.43 838.07 0.38 5.00 49.43 840.00 0.38

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2602E+02 EXCESS=0.0000E+00 OUTFLOW=0.2602E+02 BASIN STORAGE=0.2229E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7B MANE 1.33 47.63 840.06 0.37 5.00 47.63 840.00 0.37

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2529E+02 EXCESS=0.0000E+00 OUTFLOW=0.2529E+02 BASIN STORAGE=0.2215E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.69 4.43 726.48 1.31 5.00 3.85 725.00 1.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3493E+00 EXCESS=0.0000E+00 OUTFLOW=0.3493E+00 BASIN STORAGE=0.1042E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.69 4.41 726.98 1.29 5.00 3.78 725.00 1.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3441E+00 EXCESS=0.0000E+00 OUTFLOW=0.3441E+00 BASIN STORAGE=0.1210E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.70 4.32 727.51 1.27 5.00 3.75 730.00 1.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3388E+00 EXCESS=0.0000E+00 OUTFLOW=0.3388E+00 BASIN STORAGE=0.9407E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.71 4.22 728.06 1.25 5.00 3.64 725.00 1.25

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3336E+00 EXCESS=0.0000E+00 OUTFLOW=0.3336E+00 BASIN STORAGE=0.1080E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.71 4.21 726.93 1.23 5.00 3.61 725.00 1.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3284E+00 EXCESS=0.0000E+00 OUTFLOW=0.3284E+00 BASIN STORAGE=0.1208E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A7A MANE 1.72 4.12 727.54 1.21 5.00 3.58 730.00 1.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3232E+00 EXCESS=0.0000E+00 OUTFLOW=0.3232E+00 BASIN STORAGE=0.9103E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.96 55.99 835.69 0.43 5.00 55.99 835.00 0.43

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3005E+02 EXCESS=0.0000E+00 OUTFLOW=0.3005E+02 BASIN STORAGE=0.8286E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.96 55.03 836.65 0.42 5.00 55.01 835.00 0.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2934E+02 EXCESS=0.0000E+00 OUTFLOW=0.2934E+02 BASIN STORAGE=0.8286E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.96 53.99 836.02 0.41 5.00 53.97 835.00 0.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2861E+02 EXCESS=0.0000E+00 OUTFLOW=0.2861E+02 BASIN STORAGE=0.8409E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.97 52.60 839.40 0.40 5.00 52.60 840.00 0.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2786E+02 EXCESS=0.0000E+00 OUTFLOW=0.2786E+02 BASIN STORAGE=0.8414E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA MANE 0.98 50.74 840.58 0.39 5.00 50.74 840.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2710E+02 EXCESS=0.0000E+00 OUTFLOW=0.2710E+02 BASIN STORAGE=0.8515E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDA	MANE	0.98	48.92	840.86	0.38	5.00	48.91	840.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2636E+02 EXCESS=0.0000E+00 OUTFLOW=0.2636E+02 BASIN STORAGE=0.8231E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	2.27	55.98	839.29	0.43	5.00	55.97	835.00	0.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3005E+02 EXCESS=0.0000E+00 OUTFLOW=0.3005E+02 BASIN STORAGE=0.4143E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	2.29	55.01	838.82	0.42	5.00	55.00	840.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2934E+02 EXCESS=0.0000E+00 OUTFLOW=0.2934E+02 BASIN STORAGE=0.4133E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	2.30	53.98	838.71	0.41	5.00	53.96	840.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2861E+02 EXCESS=0.0000E+00 OUTFLOW=0.2861E+02 BASIN STORAGE=0.4374E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	2.31	52.59	840.05	0.40	5.00	52.59	840.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2786E+02 EXCESS=0.0000E+00 OUTFLOW=0.2786E+02 BASIN STORAGE=0.4087E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	2.34	50.71	839.16	0.39	5.00	50.70	840.00	0.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2710E+02 EXCESS=0.0000E+00 OUTFLOW=0.2710E+02 BASIN STORAGE=0.4098E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDB	MANE	2.36	48.87	843.05	0.38	5.00	48.85	840.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2636E+02 EXCESS=0.0000E+00 OUTFLOW=0.2636E+02 BASIN STORAGE=0.4131E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWC	MANE	1.75	2.98	745.50	0.32	5.00	2.94	745.00	0.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6843E+00 EXCESS=0.0000E+00 OUTFLOW=0.6844E+00 BASIN STORAGE=0.3168E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 1.75 2.83 745.50 0.31 5.00 2.79 745.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6644E+00 EXCESS=0.0000E+00 OUTFLOW=0.6645E+00 BASIN STORAGE=0.3110E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 1.75 2.69 747.25 0.30 5.00 2.65 745.00 0.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6447E+00 EXCESS=0.0000E+00 OUTFLOW=0.6448E+00 BASIN STORAGE=0.3475E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 1.75 2.55 747.25 0.29 5.00 2.50 745.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6253E+00 EXCESS=0.0000E+00 OUTFLOW=0.6253E+00 BASIN STORAGE=0.3422E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 1.75 2.42 747.25 0.28 5.00 2.37 750.00 0.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6061E+00 EXCESS=0.0000E+00 OUTFLOW=0.6061E+00 BASIN STORAGE=0.3323E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWC MANE 1.50 2.27 747.00 0.28 5.00 2.27 750.00 0.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5870E+00 EXCESS=0.0000E+00 OUTFLOW=0.5871E+00 BASIN STORAGE=0.3131E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 1.31 2.94 746.66 0.32 5.00 2.89 750.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6848E+00 EXCESS=0.0000E+00 OUTFLOW=0.6848E+00 BASIN STORAGE=0.6265E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 1.33 2.80 747.82 0.31 5.00 2.76 750.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6648E+00 EXCESS=0.0000E+00 OUTFLOW=0.6648E+00 BASIN STORAGE=0.6299E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 1.34 2.65 747.89 0.30 5.00 2.63 750.00 0.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6450E+00 EXCESS=0.0000E+00 OUTFLOW=0.6450E+00 BASIN STORAGE=0.6765E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD MANE 1.36 2.51 748.19 0.29 5.00 2.49 750.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6256E+00 EXCESS=0.0000E+00 OUTFLOW=0.6256E+00 BASIN STORAGE=0.6359E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD	MANE	1.37	2.37	748.38	0.28	5.00	2.36	750.00	0.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6061E+00 EXCESS=0.0000E+00 OUTFLOW=0.6061E+00 BASIN STORAGE=0.6798E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWD	MANE	1.39	2.26	750.73	0.28	5.00	2.25	750.00	0.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5872E+00 EXCESS=0.0000E+00 OUTFLOW=0.5873E+00 BASIN STORAGE=0.6346E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.92	12.21	811.80	0.30	5.00	12.19	810.00	0.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5693E+01 EXCESS=0.0000E+00 OUTFLOW=0.5693E+01 BASIN STORAGE=0.2092E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.94	11.68	811.84	0.29	5.00	11.66	815.00	0.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5522E+01 EXCESS=0.0000E+00 OUTFLOW=0.5522E+01 BASIN STORAGE=0.2149E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.97	11.17	813.99	0.28	5.00	11.16	815.00	0.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5353E+01 EXCESS=0.0000E+00 OUTFLOW=0.5353E+01 BASIN STORAGE=0.2188E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	1.99	10.66	814.22	0.27	5.00	10.66	815.00	0.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5185E+01 EXCESS=0.0000E+00 OUTFLOW=0.5185E+01 BASIN STORAGE=0.2098E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	2.02	10.17	816.41	0.26	5.00	10.17	815.00	0.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5020E+01 EXCESS=0.0000E+00 OUTFLOW=0.5020E+01 BASIN STORAGE=0.2141E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT AWE	MANE	2.04	9.70	816.79	0.25	5.00	9.70	815.00	0.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4857E+01 EXCESS=0.0000E+00 OUTFLOW=0.4857E+01 BASIN STORAGE=0.2166E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDC	MANE	3.74	52.85	736.19	0.11	5.00	50.00	735.00	0.11
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CG JITY SUMMARY (AC-FT) - INFLOW=0.3057E+01 EXCESS=0.0000E+00 OUTFLOW=0.3058E+01 BASIN STORAGE=0.8370E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SDC	MANE	3.76	51.20	737.76	0.10	5.00	49.79	735.00	0.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2943E+01 EXCESS=0.0000E+00 OUTFLOW=0.2944E+01 BASIN STORAGE=0.6392E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SDC	MANE	3.79	49.51	735.64	0.10	5.00	47.70	735.00	0.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2828E+01 EXCESS=0.0000E+00 OUTFLOW=0.2829E+01 BASIN STORAGE=0.6523E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SDC	MANE	3.82	49.02	737.38	0.10	5.00	46.65	735.00	0.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2763E+01 EXCESS=0.0000E+00 OUTFLOW=0.2764E+01 BASIN STORAGE=0.6590E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SDC	MANE	3.85	46.54	735.40	0.09	5.00	45.34	735.00	0.09
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2695E+01 EXCESS=0.0000E+00 OUTFLOW=0.2696E+01 BASIN STORAGE=0.6567E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SDC	MANE	3.88	46.50	737.23	0.09	5.00	43.51	735.00	0.09
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2638E+01 EXCESS=0.0000E+00 OUTFLOW=0.2639E+01 BASIN STORAGE=0.6570E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT AWG	MANE	1.81	12.19	812.32	-1.00	5.00	12.18	815.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AWG	MANE	1.82	11.66	812.27	-1.00	5.00	11.66	815.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AWG	MANE	1.84	11.15	817.65	-1.00	5.00	11.15	815.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AWG	MANE	1.85	10.66	817.70	-1.00	5.00	10.65	815.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.87 10.17 817.90 -1.00 5.00 10.16 820.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT AWG MANE 1.89 9.70 818.27 -1.00 5.00 9.69 820.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 4.49 29.25 736.07 -1.00 5.00 29.22 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 4.49 29.17 736.33 -1.00 5.00 29.16 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 4.49 29.22 732.10 -1.00 5.00 29.12 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 4.49 29.30 732.35 -1.00 5.00 29.09 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 4.49 29.39 732.58 -1.00 5.00 29.08 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT I1A MANE 4.50 29.48 732.79 -1.00 5.00 29.08 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT S12 MANE 2.52 29.16 739.02 -1.00 5.00 29.10 740.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT S12 MANE 2.52 29.19 739.46 -1.00 5.00 29.12 740.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT S12 MANE 2.52 29.21 739.82 -1.00 5.00 29.18 740.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT S12 MANE 2.53 29.22 740.05 -1.00 5.00 29.21 740.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT S12	MANE	2.53	29.17	740.19	-1.00	5.00	29.15	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT S12	MANE	2.53	29.15	740.18	-1.00	5.00	29.12	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.23	31.77	736.37	24.05	5.00	31.39	740.00	24.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1283E+02 EXCESS=0.0000E+00 OUTFLOW=0.1283E+02 BASIN STORAGE=0.9301E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.23	31.70	736.71	23.52	5.00	31.35	740.00	23.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1255E+02 EXCESS=0.0000E+00 OUTFLOW=0.1255E+02 BASIN STORAGE=0.9508E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.23	31.68	736.79	23.00	5.00	31.35	740.00	23.00
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1227E+02 EXCESS=0.0000E+00 OUTFLOW=0.1227E+02 BASIN STORAGE=0.9696E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.23	31.68	736.82	22.48	5.00	31.34	740.00	22.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1199E+02 EXCESS=0.0000E+00 OUTFLOW=0.1199E+02 BASIN STORAGE=0.9575E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.23	31.59	737.32	21.97	5.00	31.24	740.00	21.97
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1172E+02 EXCESS=0.0000E+00 OUTFLOW=0.1171E+02 BASIN STORAGE=0.9821E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1A	MANE	1.23	31.53	737.53	21.46	5.00	31.18	740.00	21.46
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1144E+02 EXCESS=0.0000E+00 OUTFLOW=0.1144E+02 BASIN STORAGE=0.9455E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.45	31.44	740.88	24.05	5.00	31.41	740.00	24.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1283E+02 EXCESS=0.0000E+00 OUTFLOW=0.1283E+02 BASIN STORAGE=0.3769E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.45	31.31	738.73	23.53	5.00	31.31	740.00	23.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1255E+02 EXCESS=0.0000E+00 OUTFLOW=0.1255E+02 BASIN STORAGE=0.4024E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.45	31.30	741.15	23.00	5.00	31.28	740.00	23.00
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1227E+02 EXCESS=0.0000E+00 OUTFLOW=0.1227E+02 BASIN STORAGE=0.3936E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.45	31.25	741.24	22.48	5.00	31.25	740.00	22.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1199E+02 EXCESS=0.0000E+00 OUTFLOW=0.1199E+02 BASIN STORAGE=0.3870E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.46	31.34	739.45	21.97	5.00	31.27	740.00	21.96
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1172E+02 EXCESS=0.0000E+00 OUTFLOW=0.1172E+02 BASIN STORAGE=0.3872E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SDD	MANE	2.46	31.39	739.82	21.46	5.00	31.35	740.00	21.46
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1145E+02 EXCESS=0.0000E+00 OUTFLOW=0.1145E+02 BASIN STORAGE=0.3663E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	150.53	745.00	0.50	5.00	150.53	745.00	0.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5447E+02 EXCESS=0.0000E+00 OUTFLOW=0.5447E+02 BASIN STORAGE=0.3681E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	148.57	745.00	0.49	5.00	148.57	745.00	0.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5325E+02 EXCESS=0.0000E+00 OUTFLOW=0.5326E+02 BASIN STORAGE=0.3646E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	146.76	745.00	0.48	5.00	146.76	745.00	0.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5202E+02 EXCESS=0.0000E+00 OUTFLOW=0.5203E+02 BASIN STORAGE=0.3594E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	144.31	745.00	0.47	5.00	144.31	745.00	0.47
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5080E+02 EXCESS=0.0000E+00 OUTFLOW=0.5080E+02 BASIN STORAGE=0.3566E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	143.44	745.00	0.45	5.00	143.44	745.00	0.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4960E+02 EXCESS=0.0000E+00 OUTFLOW=0.4961E+02 BASIN STORAGE=0.3533E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C1C	MANE	5.00	140.95	745.00	0.44	5.00	140.95	745.00	0.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4840E+02 EXCESS=0.0000E+00 OUTFLOW=0.4840E+02 BASIN STORAGE=0.3515E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	3.46	247.51	746.53	0.53	5.00	238.77	750.00	0.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6830E+02 EXCESS=0.0000E+00 OUTFLOW=0.6830E+02 BASIN STORAGE=0.1526E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	3.48	244.81	747.50	0.52	5.00	234.34	745.00	0.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6677E+02 EXCESS=0.0000E+00 OUTFLOW=0.6677E+02 BASIN STORAGE=0.1424E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	3.50	240.17	748.40	0.51	5.00	232.35	750.00	0.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6525E+02 EXCESS=0.0000E+00 OUTFLOW=0.6525E+02 BASIN STORAGE=0.1378E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	3.52	232.15	746.44	0.50	5.00	225.84	750.00	0.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6372E+02 EXCESS=0.0000E+00 OUTFLOW=0.6372E+02 BASIN STORAGE=0.1523E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	3.54	228.35	746.55	0.49	5.00	222.11	750.00	0.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6223E+02 EXCESS=0.0000E+00 OUTFLOW=0.6223E+02 BASIN STORAGE=0.1630E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2C	MANE	3.56	226.21	748.29	0.48	5.00	218.60	750.00	0.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6073E+02 EXCESS=0.0000E+00 OUTFLOW=0.6073E+02 BASIN STORAGE=0.1403E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	5.00	240.50	750.00	0.53	5.00	240.50	750.00	0.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6830E+02 EXCESS=0.0000E+00 OUTFLOW=0.6830E+02 BASIN STORAGE=0.2859E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	5.00	237.15	750.00	0.52	5.00	237.15	750.00	0.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6677E+02 EXCESS=0.0000E+00 OUTFLOW=0.6677E+02 BASIN STORAGE=0.2830E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	5.00	232.08	750.00	0.51	5.00	232.08	750.00	0.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6526E+02 EXCESS=0.0000E+00 OUTFLOW=0.6526E+02 BASIN STORAGE=0.2811E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	5.00	225.27	755.00	0.50	5.00	225.27	755.00	0.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6372E+02 EXCESS=0.0000E+00 OUTFLOW=0.6372E+02 BASIN STORAGE=0.2781E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	5.00	221.84	755.00	0.49	5.00	221.84	755.00	0.49
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6222E+02 EXCESS=0.0000E+00 OUTFLOW=0.6223E+02 BASIN STORAGE=0.2742E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT C2D	MANE	5.00	218.56	755.00	0.48	5.00	218.56	755.00	0.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6073E+02 EXCESS=0.0000E+00 OUTFLOW=0.6074E+02 BASIN STORAGE=0.2747E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T1D	MANE	2.36	21.13	733.59	-1.00	5.00	20.98	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T1D	MANE	2.36	21.14	733.59	-1.00	5.00	20.98	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T1D	MANE	2.36	21.15	733.59	-1.00	5.00	20.98	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T1D	MANE	2.36	21.14	733.59	-1.00	5.00	20.95	735.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 21.05 733.59 -1.00 5.00 20.76 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T1D MANE 2.36 20.96 733.59 -1.00 5.00 20.57 735.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT T2A MANE 2.00 28.36 734.38 3.41 5.00 28.33 735.00 3.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3635E+01 EXCESS=0.0000E+00 OUTFLOW=0.3635E+01 BASIN STORAGE=0.2564E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A MANE 2.01 28.08 737.41 3.35 5.00 27.65 735.00 3.35

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3576E+01 EXCESS=0.0000E+00 OUTFLOW=0.3576E+01 BASIN STORAGE=0.2517E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A MANE 2.02 27.41 738.48 3.30 5.00 27.29 735.00 3.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3518E+01 EXCESS=0.0000E+00 OUTFLOW=0.3518E+01 BASIN STORAGE=0.2461E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A MANE 2.03 27.21 737.38 3.24 5.00 26.66 735.00 3.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3459E+01 EXCESS=0.0000E+00 OUTFLOW=0.3459E+01 BASIN STORAGE=0.2450E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A MANE 2.03 26.89 737.41 3.19 5.00 26.24 735.00 3.19

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3401E+01 EXCESS=0.0000E+00 OUTFLOW=0.3401E+01 BASIN STORAGE=0.2412E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2A MANE 2.04 26.56 737.44 3.13 5.00 25.81 735.00 3.13

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3343E+01 EXCESS=0.0000E+00 OUTFLOW=0.3343E+01 BASIN STORAGE=0.2347E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT T2C MANE 5.00 29.22 755.00 3.41 5.00 29.22 755.00 3.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3635E+01 EXCESS=0.0000E+00 OUTFLOW=0.3637E+01 BASIN STORAGE=0.2596E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	28.78	755.00	3.35	5.00	28.78	755.00	3.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3575E+01 EXCESS=0.0000E+00 OUTFLOW=0.3577E+01 BASIN STORAGE=0.2579E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	28.50	755.00	3.30	5.00	28.50	755.00	3.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3518E+01 EXCESS=0.0000E+00 OUTFLOW=0.3520E+01 BASIN STORAGE=0.2561E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	28.06	755.00	3.24	5.00	28.06	755.00	3.24
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3458E+01 EXCESS=0.0000E+00 OUTFLOW=0.3460E+01 BASIN STORAGE=0.2543E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	27.71	755.00	3.19	5.00	27.71	755.00	3.19
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3400E+01 EXCESS=0.0000E+00 OUTFLOW=0.3402E+01 BASIN STORAGE=0.2527E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2C	MANE	5.00	27.35	755.00	3.14	5.00	27.35	755.00	3.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3342E+01 EXCESS=0.0000E+00 OUTFLOW=0.3344E+01 BASIN STORAGE=0.2507E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.01	740.80	-1.00	5.00	18.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.02	740.80	-1.00	5.00	18.01	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.03	736.41	-1.00	5.00	18.02	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.04	736.41	-1.00	5.00	18.03	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.05	736.41	-1.00	5.00	18.04	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2E	MANE	4.38	18.07	736.41	-1.00	5.00	18.05	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	5.00	116.29	780.00	1.06	5.00	116.29	780.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3009E+02 EXCESS=0.0000E+00 OUTFLOW=0.3009E+02 BASIN STORAGE=0.1135E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	5.00	114.28	780.00	1.05	5.00	114.28	780.00	1.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2959E+02 EXCESS=0.0000E+00 OUTFLOW=0.2959E+02 BASIN STORAGE=0.1093E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	5.00	112.27	780.00	1.03	5.00	112.27	780.00	1.03
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2909E+02 EXCESS=0.0000E+00 OUTFLOW=0.2909E+02 BASIN STORAGE=0.1082E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	5.00	110.27	780.00	1.01	5.00	110.27	780.00	1.01
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2859E+02 EXCESS=0.0000E+00 OUTFLOW=0.2859E+02 BASIN STORAGE=0.1071E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	5.00	108.27	780.00	0.99	5.00	108.27	780.00	0.99
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2810E+02 EXCESS=0.0000E+00 OUTFLOW=0.2810E+02 BASIN STORAGE=0.1061E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MO3	MANE	5.00	106.28	780.00	0.98	5.00	106.28	780.00	0.98
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2760E+02 EXCESS=0.0000E+00 OUTFLOW=0.2760E+02 BASIN STORAGE=0.1050E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 1.00

RT MO4	MANE	1.40	116.15	782.41	1.06	5.00	115.93	785.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3009E+02 EXCESS=0.0000E+00 OUTFLOW=0.3009E+02 BASIN STORAGE=0.9848E-07 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.99

RT MO4	MANE	1.30	114.22	782.44	1.05	5.00	113.95	785.00	1.05
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2959E+02 EXCESS=0.0000E+00 OUTFLOW=0.2959E+02 BASIN STORAGE=0.1370E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.98

RT MO4	MANE	1.42	112.21	782.98	1.03	5.00	111.96	785.00	1.03
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2909E+02 EXCESS=0.0000E+00 OUTFLOW=0.2909E+02 BASIN STORAGE=0.1481E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.97

RT MO4	MANE	1.28	110.18	783.30	1.01	5.00	109.98	785.00	1.01
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2859E+02 EXCESS=0.0000E+00 OUTFLOW=0.2860E+02 BASIN STORAGE=0.1326E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.96

RT MO4	MANE	1.43	108.13	783.82	0.99	5.00	108.01	785.00	0.99
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2810E+02 EXCESS=0.0000E+00 OUTFLOW=0.2810E+02 BASIN STORAGE=0.1296E-06 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.95

RT MO4	MANE	1.30	106.25	782.82	0.98	5.00	106.04	785.00	0.98
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2760E+02 EXCESS=0.0000E+00 OUTFLOW=0.2761E+02 BASIN STORAGE=0.9815E-07 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	47.55	1145.00	0.80	5.00	47.55	1145.00	0.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9682E+02 EXCESS=0.0000E+00 OUTFLOW=0.9677E+02 BASIN STORAGE=0.1006E+00 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	46.62	1145.00	0.79	5.00	46.62	1145.00	0.79
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9507E+02 EXCESS=0.0000E+00 OUTFLOW=0.9501E+02 BASIN STORAGE=0.9966E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	45.70	1150.00	0.77	5.00	45.70	1150.00	0.77
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9332E+02 EXCESS=0.0000E+00 OUTFLOW=0.9327E+02 BASIN STORAGE=0.9873E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	44.77	1150.00	0.76	5.00	44.77	1150.00	0.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9158E+02 EXCESS=0.0000E+00 OUTFLOW=0.9152E+02 BASIN STORAGE=0.9795E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	43.86	1155.00	0.74	5.00	43.86	1155.00	0.74
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8985E+02 EXCESS=0.0000E+00 OUTFLOW=0.8979E+02 BASIN STORAGE=0.9701E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT K2B	MANE	5.00	42.94	1155.00	0.73	5.00	42.94	1155.00	0.73
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8812E+02 EXCESS=0.0000E+00 OUTFLOW=0.8806E+02 BASIN STORAGE=0.9606E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	5.00	0.65	1105.00	0.14	5.00	0.65	1105.00	0.14
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3616E+00 EXCESS=0.0000E+00 OUTFLOW=0.3617E+00 BASIN STORAGE=0.2700E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	5.00	0.59	1115.00	0.13	5.00	0.59	1115.00	0.13
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3338E+00 EXCESS=0.0000E+00 OUTFLOW=0.3338E+00 BASIN STORAGE=0.2658E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	5.00	0.54	1145.00	0.11	5.00	0.54	1145.00	0.11
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3063E+00 EXCESS=0.0000E+00 OUTFLOW=0.3063E+00 BASIN STORAGE=0.2790E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	5.00	0.50	1190.00	0.10	5.00	0.50	1190.00	0.10
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2790E+00 EXCESS=0.0000E+00 OUTFLOW=0.2790E+00 BASIN STORAGE=0.2748E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	5.00	0.47	1225.00	0.09	5.00	0.47	1225.00	0.09
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2520E+00 EXCESS=0.0000E+00 OUTFLOW=0.2520E+00 BASIN STORAGE=0.2666E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBG	MANE	5.00	0.44	1260.00	0.08	5.00	0.44	1260.00	0.08
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2253E+00 EXCESS=0.0000E+00 OUTFLOW=0.2254E+00 BASIN STORAGE=0.2788E-03 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	3.00	10.01	756.00	0.39	5.00	9.99	755.00	0.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2316E+01 EXCESS=0.0000E+00 OUTFLOW=0.2317E+01 BASIN STORAGE=0.2981E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	3.00	9.64	756.00	0.38	5.00	9.61	755.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2255E+01 EXCESS=0.0000E+00 OUTFLOW=0.2255E+01 BASIN STORAGE=0.2913E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.75	9.26	756.25	0.37	5.00	9.21	755.00	0.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2195E+01 EXCESS=0.0000E+00 OUTFLOW=0.2195E+01 BASIN STORAGE=0.2907E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	3.00	8.90	756.00	0.36	5.00	8.87	755.00	0.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2135E+01 EXCESS=0.0000E+00 OUTFLOW=0.2135E+01 BASIN STORAGE=0.2829E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	3.00	8.54	756.00	0.35	5.00	8.50	755.00	0.35
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2075E+01 EXCESS=0.0000E+00 OUTFLOW=0.2076E+01 BASIN STORAGE=0.3370E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBA	MANE	2.75	8.17	756.25	0.34	5.00	8.11	755.00	0.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2017E+01 EXCESS=0.0000E+00 OUTFLOW=0.2017E+01 BASIN STORAGE=0.3316E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	3.25	9.93	763.75	0.31	5.00	9.84	765.00	0.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2678E+01 EXCESS=0.0000E+00 OUTFLOW=0.2679E+01 BASIN STORAGE=0.1004E-02 PERCENT ERROR= -0.

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	3.25	9.57	763.75	0.30	5.00	9.48	765.00	0.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2589E+01 EXCESS=0.0000E+00 OUTFLOW=0.2590E+01 BASIN STORAGE=0.9857E-03 PERCENT ERROR=

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	3.25	9.17	763.75	0.29	5.00	9.10	765.00	0.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2501E+01 EXCESS=0.0000E+00 OUTFLOW=0.2502E+01 BASIN STORAGE=0.1018E-02 PERCENT ERROR=

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	3.25	8.84	763.75	0.28	5.00	8.77	765.00	0.28
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2414E+01 EXCESS=0.0000E+00 OUTFLOW=0.2415E+01 BASIN STORAGE=0.9991E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	3.25	8.47	763.75	0.27	5.00	8.42	765.00	0.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2327E+01 EXCESS=0.0000E+00 OUTFLOW=0.2328E+01 BASIN STORAGE=0.9800E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBB	MANE	3.00	8.09	765.00	0.26	5.00	8.09	765.00	0.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2242E+01 EXCESS=0.0000E+00 OUTFLOW=0.2243E+01 BASIN STORAGE=0.9845E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.81	27.12	768.35	0.43	5.00	27.08	770.00	0.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7990E+01 EXCESS=0.0000E+00 OUTFLOW=0.7990E+01 BASIN STORAGE=0.2359E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.82	26.18	771.62	0.42	5.00	26.16	770.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7786E+01 EXCESS=0.0000E+00 OUTFLOW=0.7786E+01 BASIN STORAGE=0.2346E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.84	25.26	771.39	0.41	5.00	25.25	770.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7584E+01 EXCESS=0.0000E+00 OUTFLOW=0.7584E+01 BASIN STORAGE=0.2311E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.86	24.35	771.26	0.40	5.00	24.34	770.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7383E+01 EXCESS=0.0000E+00 OUTFLOW=0.7384E+01 BASIN STORAGE=0.2253E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.88	23.46	771.25	0.38	5.00	23.44	770.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7185E+01 EXCESS=0.0000E+00 OUTFLOW=0.7185E+01 BASIN STORAGE=0.2342E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBC	MANE	1.90	22.58	771.37	0.37	5.00	22.54	770.00	0.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6989E+01 EXCESS=0.0000E+00 OUTFLOW=0.6989E+01 BASIN STORAGE=0.2238E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD MANE 4.75 27.01 779.00 0.43 5.00 26.96 775.00 0.43

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7992E+01 EXCESS=0.0000E+00 OUTFLOW=0.7994E+01 BASIN STORAGE=0.1330E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD MANE 4.75 26.11 779.00 0.42 5.00 26.02 775.00 0.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7788E+01 EXCESS=0.0000E+00 OUTFLOW=0.7790E+01 BASIN STORAGE=0.1298E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD MANE 4.50 25.24 778.50 0.41 5.00 25.11 780.00 0.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7584E+01 EXCESS=0.0000E+00 OUTFLOW=0.7586E+01 BASIN STORAGE=0.1232E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD MANE 4.50 24.34 778.50 0.40 5.00 24.23 780.00 0.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7384E+01 EXCESS=0.0000E+00 OUTFLOW=0.7386E+01 BASIN STORAGE=0.1196E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD MANE 4.25 23.43 777.75 0.39 5.00 23.33 780.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7185E+01 EXCESS=0.0000E+00 OUTFLOW=0.7187E+01 BASIN STORAGE=0.1174E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBD MANE 4.25 22.54 777.75 0.37 5.00 22.46 780.00 0.37

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6988E+01 EXCESS=0.0000E+00 OUTFLOW=0.6990E+01 BASIN STORAGE=0.1160E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 2.01 16.80 744.52 0.58 5.00 16.75 745.00 0.58

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2768E+01 EXCESS=0.0000E+00 OUTFLOW=0.2768E+01 BASIN STORAGE=0.2382E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 2.02 16.41 743.51 0.56 5.00 16.27 745.00 0.56

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2707E+01 EXCESS=0.0000E+00 OUTFLOW=0.2707E+01 BASIN STORAGE=0.2333E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE MANE 2.03 15.93 744.60 0.55 5.00 15.89 745.00 0.55

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2646E+01 EXCESS=0.0000E+00 OUTFLOW=0.2646E+01 BASIN STORAGE=0.2269E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE	MANE	2.05	15.55	743.72	0.54	5.00	15.41	745.00	0.54
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2586E+01 EXCESS=0.0000E+00 OUTFLOW=0.2586E+01 BASIN STORAGE=0.2158E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE	MANE	2.06	15.03	744.96	0.53	5.00	15.03	745.00	0.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2526E+01 EXCESS=0.0000E+00 OUTFLOW=0.2526E+01 BASIN STORAGE=0.2366E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBE	MANE	2.08	14.70	744.22	0.51	5.00	14.61	745.00	0.51
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2466E+01 EXCESS=0.0000E+00 OUTFLOW=0.2467E+01 BASIN STORAGE=0.2231E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	16.90	755.00	0.58	5.00	16.90	755.00	0.58
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2768E+01 EXCESS=0.0000E+00 OUTFLOW=0.2769E+01 BASIN STORAGE=0.1491E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	16.50	755.00	0.56	5.00	16.50	755.00	0.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2707E+01 EXCESS=0.0000E+00 OUTFLOW=0.2708E+01 BASIN STORAGE=0.1477E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	16.05	755.00	0.55	5.00	16.05	755.00	0.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2646E+01 EXCESS=0.0000E+00 OUTFLOW=0.2647E+01 BASIN STORAGE=0.1466E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	15.66	755.00	0.54	5.00	15.66	755.00	0.54
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2585E+01 EXCESS=0.0000E+00 OUTFLOW=0.2587E+01 BASIN STORAGE=0.1451E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBF	MANE	5.00	15.20	755.00	0.53	5.00	15.20	755.00	0.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2525E+01 EXCESS=0.0000E+00 OUTFLOW=0.2527E+01 BASIN STORAGE=0.1440E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SBF MANE 5.00 14.84 755.00 0.51 5.00 14.84 755.00 0.51

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2466E+01 EXCESS=0.0000E+00 OUTFLOW=0.2468E+01 BASIN STORAGE=0.1426E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.91 86.27 754.91 0.61 5.00 86.25 755.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3242E+02 EXCESS=0.0000E+00 OUTFLOW=0.3242E+02 BASIN STORAGE=0.6952E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.92 85.41 756.26 0.60 5.00 85.40 755.00 0.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3193E+02 EXCESS=0.0000E+00 OUTFLOW=0.3193E+02 BASIN STORAGE=0.6926E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.93 85.21 753.65 0.60 5.00 85.04 755.00 0.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3143E+02 EXCESS=0.0000E+00 OUTFLOW=0.3143E+02 BASIN STORAGE=0.6893E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.93 84.56 754.99 0.59 5.00 84.56 755.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3094E+02 EXCESS=0.0000E+00 OUTFLOW=0.3094E+02 BASIN STORAGE=0.7315E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.94 83.70 752.56 0.58 5.00 83.66 755.00 0.58

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3044E+02 EXCESS=0.0000E+00 OUTFLOW=0.3044E+02 BASIN STORAGE=0.7167E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SE1 MANE 3.95 83.40 754.05 0.57 5.00 83.32 755.00 0.57

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2993E+02 EXCESS=0.0000E+00 OUTFLOW=0.2993E+02 BASIN STORAGE=0.7243E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 116.66 760.00 0.66 5.00 116.66 760.00 0.66

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3775E+02 EXCESS=0.0000E+00 OUTFLOW=0.3776E+02 BASIN STORAGE=0.1046E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 115.48 760.00 0.65 5.00 115.48 760.00 0.65

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3718E+02 EXCESS=0.0000E+00 OUTFLOW=0.3719E+02 BASIN STORAGE=0.1033E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 113.58 760.00 0.64 5.00 113.58 760.00 0.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3660E+02 EXCESS=0.0000E+00 OUTFLOW=0.3661E+02 BASIN STORAGE=0.1125E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 112.21 760.00 0.63 5.00 112.21 760.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3603E+02 EXCESS=0.0000E+00 OUTFLOW=0.3604E+02 BASIN STORAGE=0.1110E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 110.98 760.00 0.62 5.00 110.98 760.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3544E+02 EXCESS=0.0000E+00 OUTFLOW=0.3545E+02 BASIN STORAGE=0.1027E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV6 MANE 5.00 109.30 760.00 0.61 5.00 109.30 760.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3486E+02 EXCESS=0.0000E+00 OUTFLOW=0.3486E+02 BASIN STORAGE=0.1055E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT V4A MANE 0.96 64.69 905.99 0.63 5.00 64.68 905.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4933E+02 EXCESS=0.0000E+00 OUTFLOW=0.4933E+02 BASIN STORAGE=0.8336E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A MANE 0.96 63.50 909.36 0.62 5.00 63.50 910.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4845E+02 EXCESS=0.0000E+00 OUTFLOW=0.4845E+02 BASIN STORAGE=0.8320E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A MANE 0.97 62.31 910.88 0.61 5.00 62.30 910.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4756E+02 EXCESS=0.0000E+00 OUTFLOW=0.4756E+02 BASIN STORAGE=0.8324E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A MANE 0.97 61.12 911.48 0.60 5.00 61.12 915.00 0.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4667E+02 EXCESS=0.0000E+00 OUTFLOW=0.4667E+02 BASIN STORAGE=0.8328E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A MANE 0.97 59.94 916.01 0.59 5.00 59.94 915.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4578E+02 EXCESS=0.0000E+00 OUTFLOW=0.4578E+02 BASIN STORAGE=0.8317E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4A MANE 0.98 58.67 916.03 0.58 5.00 58.66 915.00 0.58

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4488E+02 EXCESS=0.0000E+00 OUTFLOW=0.4488E+02 BASIN STORAGE=0.8340E-04 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B MANE 5.00 64.68 910.00 0.63 5.00 64.68 910.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4933E+02 EXCESS=0.0000E+00 OUTFLOW=0.4933E+02 BASIN STORAGE=0.1104E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B MANE 5.00 63.50 915.00 0.62 5.00 63.50 915.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4845E+02 EXCESS=0.0000E+00 OUTFLOW=0.4845E+02 BASIN STORAGE=0.1091E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B MANE 5.00 62.30 915.00 0.61 5.00 62.30 915.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4756E+02 EXCESS=0.0000E+00 OUTFLOW=0.4756E+02 BASIN STORAGE=0.1104E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B MANE 5.00 61.11 920.00 0.60 5.00 61.11 920.00 0.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4667E+02 EXCESS=0.0000E+00 OUTFLOW=0.4667E+02 BASIN STORAGE=0.1090E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B MANE 5.00 59.93 920.00 0.59 5.00 59.93 920.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4578E+02 EXCESS=0.0000E+00 OUTFLOW=0.4578E+02 BASIN STORAGE=0.1102E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT V4B MANE 5.00 58.66 925.00 0.58 5.00 58.66 925.00 0.58

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4488E+02 EXCESS=0.0000E+00 OUTFLOW=0.4488E+02 BASIN STORAGE=0.1099E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.67 69.41 905.40 0.64 5.00 69.41 905.00 0.64

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5406E+02 EXCESS=0.0000E+00 OUTFLOW=0.5406E+02 BASIN STORAGE=0.1239E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.69 68.11 906.11 0.63 5.00 68.11 905.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5309E+02 EXCESS=0.0000E+00 OUTFLOW=0.5309E+02 BASIN STORAGE=0.1223E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.72 66.79 906.99 0.62 5.00 66.78 905.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5211E+02 EXCESS=0.0000E+00 OUTFLOW=0.5211E+02 BASIN STORAGE=0.1236E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.75 65.48 907.92 0.61 5.00 65.47 905.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5113E+02 EXCESS=0.0000E+00 OUTFLOW=0.5113E+02 BASIN STORAGE=0.1246E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.78 64.17 908.90 0.60 5.00 64.16 905.00 0.60

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5015E+02 EXCESS=0.0000E+00 OUTFLOW=0.5015E+02 BASIN STORAGE=0.1224E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.82 62.75 905.63 0.59 5.00 62.75 910.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4917E+02 EXCESS=0.0000E+00 OUTFLOW=0.4917E+02 BASIN STORAGE=0.1237E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT SV3 MANE 5.00 65.26 760.00 1.42 5.00 65.26 760.00 1.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6805E+01 EXCESS=0.0000E+00 OUTFLOW=0.6812E+01 BASIN STORAGE=0.6331E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3 MANE 5.00 64.65 760.00 1.40 5.00 64.65 760.00 1.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6709E+01 EXCESS=0.0000E+00 OUTFLOW=0.6716E+01 BASIN STORAGE=0.6123E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV3 MANE 5.00 64.36 760.00 1.38 5.00 64.36 760.00 1.38

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6613E+01 EXCESS=0.0000E+00 OUTFLOW=0.6620E+01 BASIN STORAGE=0.6571E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT SV3 MANE 5.00 63.69 760.00 1.36 5.00 63.69 760.00 1.36

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6517E+01 EXCESS=0.0000E+00 OUTFLOW=0.6524E+01 BASIN STORAGE=0.6544E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	63.02	760.00	1.34	5.00	63.02	760.00	1.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6422E+01 EXCESS=0.0000E+00 OUTFLOW=0.6429E+01 BASIN STORAGE=0.6518E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	62.32	760.00	1.32	5.00	62.32	760.00	1.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6326E+01 EXCESS=0.0000E+00 OUTFLOW=0.6333E+01 BASIN STORAGE=0.6491E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	29.51	760.00	1.27	5.00	29.51	760.00	1.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3377E+01 EXCESS=0.0000E+00 OUTFLOW=0.3380E+01 BASIN STORAGE=0.5365E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	29.15	760.00	1.25	5.00	29.15	760.00	1.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3326E+01 EXCESS=0.0000E+00 OUTFLOW=0.3329E+01 BASIN STORAGE=0.5338E-02 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	28.80	760.00	1.23	5.00	28.80	760.00	1.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3275E+01 EXCESS=0.0000E+00 OUTFLOW=0.3278E+01 BASIN STORAGE=0.5311E-02 PERCENT ERROR= -0.3

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	28.43	760.00	1.21	5.00	28.43	760.00	1.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3224E+01 EXCESS=0.0000E+00 OUTFLOW=0.3227E+01 BASIN STORAGE=0.5284E-02 PERCENT ERROR= -0.3

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	28.06	760.00	1.19	5.00	28.06	760.00	1.19
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3174E+01 EXCESS=0.0000E+00 OUTFLOW=0.3176E+01 BASIN STORAGE=0.5257E-02 PERCENT ERROR= -0.3

FOR PLAN = 1 RATIO= 0.00

RT SV3	MANE	5.00	27.69	760.00	1.17	5.00	27.69	760.00	1.17
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3123E+01 EXCESS=0.0000E+00 OUTFLOW=0.3126E+01 BASIN STORAGE=0.5229E-02 PERCENT ERROR= -0.3

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 2.50 42.88 825.00 0.92 5.00 42.88 825.00 0.92

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2037E+02 EXCESS=0.0000E+00 OUTFLOW=0.2037E+02 BASIN STORAGE=0.1231E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 2.75 42.07 827.75 0.90 5.00 42.07 825.00 0.90

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1998E+02 EXCESS=0.0000E+00 OUTFLOW=0.1998E+02 BASIN STORAGE=0.1224E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 3.25 41.20 825.50 0.89 5.00 41.20 825.00 0.89

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1960E+02 EXCESS=0.0000E+00 OUTFLOW=0.1960E+02 BASIN STORAGE=0.1239E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.50 40.43 828.00 0.87 5.00 40.41 830.00 0.87

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1921E+02 EXCESS=0.0000E+00 OUTFLOW=0.1921E+02 BASIN STORAGE=0.1245E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 3.50 39.60 829.50 0.85 5.00 39.59 830.00 0.85

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1883E+02 EXCESS=0.0000E+00 OUTFLOW=0.1883E+02 BASIN STORAGE=0.1245E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MIL MANE 4.25 38.65 828.75 0.83 5.00 38.64 830.00 0.83

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1843E+02 EXCESS=0.0000E+00 OUTFLOW=0.1844E+02 BASIN STORAGE=0.1232E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 4.27 28.59 730.70 1.24 5.00 27.38 730.00 1.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2445E+01 EXCESS=0.0000E+00 OUTFLOW=0.2445E+01 BASIN STORAGE=0.3435E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 4.29 27.21 732.88 1.22 5.00 26.73 730.00 1.22

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2410E+01 EXCESS=0.0000E+00 OUTFLOW=0.2409E+01 BASIN STORAGE=0.3376E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A MANE 4.30 27.70 730.79 1.20 5.00 26.41 730.00 1.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2371E+01 EXCESS=0.0000E+00 OUTFLOW=0.2371E+01 BASIN STORAGE=0.3302E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A	MANE	4.31	26.26	733.03	1.18	5.00	26.08	730.00	1.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2337E+01 EXCESS=0.0000E+00 OUTFLOW=0.2337E+01 BASIN STORAGE=0.4856E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A	MANE	4.33	26.78	730.98	1.16	5.00	25.33	730.00	1.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2296E+01 EXCESS=0.0000E+00 OUTFLOW=0.2296E+01 BASIN STORAGE=0.4714E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1A	MANE	4.34	25.80	728.94	1.15	5.00	25.66	730.00	1.15
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2267E+01 EXCESS=0.0000E+00 OUTFLOW=0.2267E+01 BASIN STORAGE=0.4556E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	737.60	-1.00	5.00	16.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	737.60	-1.00	5.00	16.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.00	737.60	-1.00	5.00	16.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.01	737.60	-1.00	5.00	16.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.01	737.60	-1.00	5.00	16.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1D	MANE	1.22	16.01	737.60	-1.00	5.00	16.00	740.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	5.00	39.87	735.00	7.86	5.00	39.87	735.00	7.86
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1551E+02 EXCESS=0.0000E+00 OUTFLOW=0.1551E+02 BASIN STORAGE=0.5508E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	5.00	39.13	735.00	7.78	5.00	39.13	735.00	7.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1536E+02 EXCESS=0.0000E+00 OUTFLOW=0.1535E+02 BASIN STORAGE=0.5454E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	5.00	38.40	735.00	7.71	5.00	38.40	735.00	7.71
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1522E+02 EXCESS=0.0000E+00 OUTFLOW=0.1521E+02 BASIN STORAGE=0.5624E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	5.00	37.82	735.00	7.63	5.00	37.82	735.00	7.63
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1506E+02 EXCESS=0.0000E+00 OUTFLOW=0.1505E+02 BASIN STORAGE=0.5569E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	5.00	37.50	735.00	7.55	5.00	37.50	735.00	7.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1492E+02 EXCESS=0.0000E+00 OUTFLOW=0.1491E+02 BASIN STORAGE=0.5514E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1B	MANE	5.00	37.39	735.00	7.48	5.00	37.39	735.00	7.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1477E+02 EXCESS=0.0000E+00 OUTFLOW=0.1476E+02 BASIN STORAGE=0.5459E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	2.00	40.00	754.00	-1.00	5.00	40.00	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.25	40.00	756.25	-1.00	5.00	40.00	760.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	2.00	40.00	754.00	-1.00	5.00	40.00	755.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.75	40.00	756.00	-1.00	5.00	40.00	760.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.00	40.00	757.00	-1.00	5.00	40.00	760.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT M05	MANE	1.00	40.00	757.00	-1.00	5.00	40.00	760.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	104.99	780.00	-1.00	5.00	104.99	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	104.99	780.00	-1.00	5.00	104.99	780.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	104.97	775.00	-1.00	5.00	104.97	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	104.97	775.00	-1.00	5.00	104.97	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	104.97	775.00	-1.00	5.00	104.97	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT T2D	MANE	5.00	104.97	775.00	-1.00	5.00	104.97	775.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT A1C	MANE	5.00	127.73	765.00	19.55	5.00	127.73	765.00	19.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3858E+02 EXCESS=0.0000E+00 OUTFLOW=0.3858E+02 BASIN STORAGE=0.4153E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C	MANE	5.00	127.42	765.00	19.30	5.00	127.42	765.00	19.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3809E+02 EXCESS=0.0000E+00 OUTFLOW=0.3809E+02 BASIN STORAGE=0.4124E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C	MANE	5.00	127.14	765.00	19.06	5.00	127.14	765.00	19.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3762E+02 EXCESS=0.0000E+00 OUTFLOW=0.3762E+02 BASIN STORAGE=0.3545E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C	MANE	5.00	126.86	765.00	18.82	5.00	126.86	765.00	18.82
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FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 2.65 28.38 734.25 0.99 5.00 28.29 735.00 0.99

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3159E+01 EXCESS=0.0000E+00 OUTFLOW=0.3159E+01 BASIN STORAGE=0.3293E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 2.66 28.17 734.98 0.97 5.00 28.17 735.00 0.97

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3108E+01 EXCESS=0.0000E+00 OUTFLOW=0.3108E+01 BASIN STORAGE=0.3685E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 2.68 27.49 735.77 0.95 5.00 27.30 735.00 0.95

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3051E+01 EXCESS=0.0000E+00 OUTFLOW=0.3051E+01 BASIN STORAGE=0.4044E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 2.69 26.71 733.90 0.94 5.00 26.70 735.00 0.94

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2996E+01 EXCESS=0.0000E+00 OUTFLOW=0.2996E+01 BASIN STORAGE=0.3368E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 2.70 26.56 734.76 0.92 5.00 26.50 735.00 0.92

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2945E+01 EXCESS=0.0000E+00 OUTFLOW=0.2945E+01 BASIN STORAGE=0.3679E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP2 MANE 2.71 26.08 735.67 0.90 5.00 25.86 735.00 0.90

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2891E+01 EXCESS=0.0000E+00 OUTFLOW=0.2891E+01 BASIN STORAGE=0.3966E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 26.94 750.00 0.99 5.00 26.94 750.00 0.99

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3160E+01 EXCESS=0.0000E+00 OUTFLOW=0.3159E+01 BASIN STORAGE=0.2348E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 26.87 750.00 0.97 5.00 26.87 750.00 0.97

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3113E+01 EXCESS=0.0000E+00 OUTFLOW=0.3112E+01 BASIN STORAGE=0.2326E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3 MANE 5.00 26.34 750.00 0.95 5.00 26.34 750.00 0.95

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3714E+02 EXCESS=0.0000E+00 OUTFLOW=0.3714E+02 BASIN STORAGE=0.3519E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C	MANE	5.00	126.68	765.00	18.58	5.00	126.68	765.00	18.58
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3666E+02 EXCESS=0.0000E+00 OUTFLOW=0.3666E+02 BASIN STORAGE=0.3491E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT A1C	MANE	5.00	126.47	765.00	18.34	5.00	126.47	765.00	18.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3619E+02 EXCESS=0.0000E+00 OUTFLOW=0.3619E+02 BASIN STORAGE=0.3465E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	266.35	800.00	0.96	5.00	266.35	800.00	0.96
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1334E+03 EXCESS=0.0000E+00 OUTFLOW=0.1334E+03 BASIN STORAGE=0.3022E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	262.17	800.00	0.94	5.00	262.17	800.00	0.94
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1311E+03 EXCESS=0.0000E+00 OUTFLOW=0.1311E+03 BASIN STORAGE=0.3085E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	257.64	800.00	0.93	5.00	257.64	800.00	0.93
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1288E+03 EXCESS=0.0000E+00 OUTFLOW=0.1288E+03 BASIN STORAGE=0.3024E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	252.66	800.00	0.91	5.00	252.66	800.00	0.91
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1266E+03 EXCESS=0.0000E+00 OUTFLOW=0.1266E+03 BASIN STORAGE=0.3083E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	248.89	800.00	0.89	5.00	248.89	800.00	0.89
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1243E+03 EXCESS=0.0000E+00 OUTFLOW=0.1243E+03 BASIN STORAGE=0.3022E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP1	MANE	5.00	244.32	795.00	0.88	5.00	244.32	795.00	0.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1221E+03 EXCESS=0.0000E+00 OUTFLOW=0.1221E+03 BASIN STORAGE=0.3014E-02 PERCENT ERROR= 0.0

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3046E+01 EXCESS=0.0000E+00 OUTFLOW=0.3045E+01 BASIN STORAGE=0.2341E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3	MANE	5.00	25.80	750.00	0.94	5.00	25.80	750.00	0.94
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2993E+01 EXCESS=0.0000E+00 OUTFLOW=0.2992E+01 BASIN STORAGE=0.2329E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3	MANE	5.00	25.66	750.00	0.92	5.00	25.66	750.00	0.92
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2950E+01 EXCESS=0.0000E+00 OUTFLOW=0.2949E+01 BASIN STORAGE=0.2314E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GP3	MANE	5.00	25.07	750.00	0.90	5.00	25.07	750.00	0.90
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2887E+01 EXCESS=0.0000E+00 OUTFLOW=0.2886E+01 BASIN STORAGE=0.2306E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	45.20	940.00	0.23	5.00	45.20	940.00	0.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3138E+02 EXCESS=0.0000E+00 OUTFLOW=0.3138E+02 BASIN STORAGE=0.1094E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	43.43	945.00	0.23	5.00	43.43	945.00	0.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3036E+02 EXCESS=0.0000E+00 OUTFLOW=0.3037E+02 BASIN STORAGE=0.1076E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	41.71	945.00	0.22	5.00	41.71	945.00	0.22
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2936E+02 EXCESS=0.0000E+00 OUTFLOW=0.2937E+02 BASIN STORAGE=0.1052E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	40.02	950.00	0.21	5.00	40.02	950.00	0.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2838E+02 EXCESS=0.0000E+00 OUTFLOW=0.2838E+02 BASIN STORAGE=0.1026E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1	MANE	5.00	38.38	950.00	0.20	5.00	38.38	950.00	0.20
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2740E+02 EXCESS=0.0000E+00 OUTFLOW=0.2740E+02 BASIN STORAGE=0.1099E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT HR1 MANE 5.00 36.77 955.00 0.20 5.00 36.77 955.00 0.20

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2644E+02 EXCESS=0.0000E+00 OUTFLOW=0.2644E+02 BASIN STORAGE=0.1080E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.34 47.32 937.61 0.24 5.00 47.31 940.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3401E+02 EXCESS=0.0000E+00 OUTFLOW=0.3401E+02 BASIN STORAGE=0.1088E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.35 45.50 940.96 0.24 5.00 45.50 940.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3294E+02 EXCESS=0.0000E+00 OUTFLOW=0.3294E+02 BASIN STORAGE=0.1115E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.36 43.72 941.70 0.23 5.00 43.71 945.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3189E+02 EXCESS=0.0000E+00 OUTFLOW=0.3189E+02 BASIN STORAGE=0.1088E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.37 41.98 946.64 0.22 5.00 41.98 945.00 0.22

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3084E+02 EXCESS=0.0000E+00 OUTFLOW=0.3084E+02 BASIN STORAGE=0.1091E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.38 40.28 947.62 0.21 5.00 40.28 950.00 0.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2981E+02 EXCESS=0.0000E+00 OUTFLOW=0.2981E+02 BASIN STORAGE=0.1121E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2A MANE 1.39 38.62 951.44 0.21 5.00 38.62 950.00 0.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2880E+02 EXCESS=0.0000E+00 OUTFLOW=0.2880E+02 BASIN STORAGE=0.1090E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.91 47.31 939.92 0.24 5.00 47.31 940.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3401E+02 EXCESS=0.0000E+00 OUTFLOW=0.3401E+02 BASIN STORAGE=0.1519E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.92 45.49 940.95 0.24 5.00 45.49 940.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3294E+02 EXCESS=0.0000E+00 OUTFLOW=0.3294E+02 BASIN STORAGE=0.1534E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.93 43.71 944.00 0.23 5.00 43.71 945.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3189E+02 EXCESS=0.0000E+00 OUTFLOW=0.3189E+02 BASIN STORAGE=0.1525E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.94 41.98 946.17 0.22 5.00 41.97 945.00 0.22

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3084E+02 EXCESS=0.0000E+00 OUTFLOW=0.3084E+02 BASIN STORAGE=0.1502E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.95 40.27 950.44 0.21 5.00 40.27 950.00 0.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2981E+02 EXCESS=0.0000E+00 OUTFLOW=0.2981E+02 BASIN STORAGE=0.1506E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT H2B MANE 0.96 38.62 950.96 0.21 5.00 38.61 950.00 0.21

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2880E+02 EXCESS=0.0000E+00 OUTFLOW=0.2880E+02 BASIN STORAGE=0.1534E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 2.35 48.12 940.07 0.25 5.00 48.12 940.00 0.25

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3524E+02 EXCESS=0.0000E+00 OUTFLOW=0.3524E+02 BASIN STORAGE=0.2017E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 2.37 46.28 940.29 0.24 5.00 46.28 940.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3415E+02 EXCESS=0.0000E+00 OUTFLOW=0.3415E+02 BASIN STORAGE=0.2015E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 2.39 44.48 945.40 0.23 5.00 44.48 945.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3307E+02 EXCESS=0.0000E+00 OUTFLOW=0.3307E+02 BASIN STORAGE=0.1995E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 2.41 42.72 948.21 0.23 5.00 42.72 945.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3200E+02 EXCESS=0.0000E+00 OUTFLOW=0.3200E+02 BASIN STORAGE=0.1968E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A MANE 2.43 41.01 948.76 0.22 5.00 41.01 950.00 0.22

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3095E+02 EXCESS=0.0000E+00 OUTFLOW=0.3095E+02 BASIN STORAGE=0.2037E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3A	MANE	2.45	39.33	954.25	0.21	5.00	39.33	955.00	0.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2992E+02 EXCESS=0.0000E+00 OUTFLOW=0.2992E+02 BASIN STORAGE=0.2004E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	4.59	48.11	945.44	0.25	5.00	48.11	945.00	0.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3524E+02 EXCESS=0.0000E+00 OUTFLOW=0.3524E+02 BASIN STORAGE=0.9976E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	4.64	46.27	947.21	0.24	5.00	46.27	945.00	0.24
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3414E+02 EXCESS=0.0000E+00 OUTFLOW=0.3414E+02 BASIN STORAGE=0.9740E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	4.70	44.48	949.04	0.23	5.00	44.47	950.00	0.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3307E+02 EXCESS=0.0000E+00 OUTFLOW=0.3307E+02 BASIN STORAGE=0.9362E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	4.76	42.72	951.03	0.23	5.00	42.72	950.00	0.23
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3200E+02 EXCESS=0.0000E+00 OUTFLOW=0.3200E+02 BASIN STORAGE=0.9995E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	4.81	41.00	953.08	0.22	5.00	41.00	955.00	0.22
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3096E+02 EXCESS=0.0000E+00 OUTFLOW=0.3096E+02 BASIN STORAGE=0.9665E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3B	MANE	4.87	39.33	955.28	0.21	5.00	39.33	955.00	0.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2991E+02 EXCESS=0.0000E+00 OUTFLOW=0.2991E+02 BASIN STORAGE=0.9219E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	33.23	745.00	0.70	5.00	33.23	745.00	0.70
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3740E+01 EXCESS=0.0000E+00 OUTFLOW=0.3742E+01 BASIN STORAGE=0.1814E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	32.55	745.00	0.69	5.00	32.55	745.00	0.69
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3669E+01 EXCESS=0.0000E+00 OUTFLOW=0.3672E+01 BASIN STORAGE=0.1798E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	31.88	745.00	0.68	5.00	31.88	745.00	0.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3599E+01 EXCESS=0.0000E+00 OUTFLOW=0.3601E+01 BASIN STORAGE=0.1780E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	31.18	745.00	0.66	5.00	31.18	745.00	0.66
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3529E+01 EXCESS=0.0000E+00 OUTFLOW=0.3531E+01 BASIN STORAGE=0.1764E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	30.49	745.00	0.65	5.00	30.49	745.00	0.65
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3459E+01 EXCESS=0.0000E+00 OUTFLOW=0.3461E+01 BASIN STORAGE=0.1749E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3C	MANE	5.00	29.80	745.00	0.64	5.00	29.80	745.00	0.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3390E+01 EXCESS=0.0000E+00 OUTFLOW=0.3392E+01 BASIN STORAGE=0.1734E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	4.41	2.04	864.74	0.27	5.00	2.04	865.00	0.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1455E+01 EXCESS=0.0000E+00 OUTFLOW=0.1455E+01 BASIN STORAGE=0.1923E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	4.44	1.97	870.58	0.27	5.00	1.97	870.00	0.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1413E+01 EXCESS=0.0000E+00 OUTFLOW=0.1413E+01 BASIN STORAGE=0.1938E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	4.47	1.91	872.10	0.26	5.00	1.91	870.00	0.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1372E+01 EXCESS=0.0000E+00 OUTFLOW=0.1372E+01 BASIN STORAGE=0.1951E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA	MANE	4.50	1.84	873.69	0.25	5.00	1.84	875.00	0.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1331E+01 EXCESS=0.0000E+00 OUTFLOW=0.1331E+01 BASIN STORAGE=0.1963E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA MANE 4.54 1.78 879.89 0.24 5.00 1.78 880.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1290E+01 EXCESS=0.0000E+00 OUTFLOW=0.1290E+01 BASIN STORAGE=0.1920E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGA MANE 4.57 1.71 881.68 0.23 5.00 1.71 880.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1250E+01 EXCESS=0.0000E+00 OUTFLOW=0.1250E+01 BASIN STORAGE=0.1929E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 2.04 880.00 0.27 5.00 2.04 880.00 0.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1456E+01 EXCESS=0.0000E+00 OUTFLOW=0.1456E+01 BASIN STORAGE=0.9292E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 1.97 880.00 0.27 5.00 1.97 880.00 0.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1414E+01 EXCESS=0.0000E+00 OUTFLOW=0.1414E+01 BASIN STORAGE=0.9125E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 1.91 885.00 0.26 5.00 1.91 885.00 0.26

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1372E+01 EXCESS=0.0000E+00 OUTFLOW=0.1372E+01 BASIN STORAGE=0.9253E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 1.84 885.00 0.25 5.00 1.84 885.00 0.25

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1331E+01 EXCESS=0.0000E+00 OUTFLOW=0.1331E+01 BASIN STORAGE=0.9068E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 1.78 890.00 0.24 5.00 1.78 890.00 0.24

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1290E+01 EXCESS=0.0000E+00 OUTFLOW=0.1291E+01 BASIN STORAGE=0.9198E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT MGB MANE 5.00 1.71 895.00 0.23 5.00 1.71 895.00 0.23

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1250E+01 EXCESS=0.0000E+00 OUTFLOW=0.1251E+01 BASIN STORAGE=0.9306E-03 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 56.34 750.00 0.57 5.00 56.34 750.00 0.57

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8463E+01 EXCESS=0.0000E+00 OUTFLOW=0.8466E+01 BASIN STORAGE=0.2497E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 55.27 750.00 0.56 5.00 55.27 750.00 0.56

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8292E+01 EXCESS=0.0000E+00 OUTFLOW=0.8295E+01 BASIN STORAGE=0.2554E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 54.20 750.00 0.54 5.00 54.20 750.00 0.54

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8122E+01 EXCESS=0.0000E+00 OUTFLOW=0.8125E+01 BASIN STORAGE=0.2482E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 53.12 750.00 0.53 5.00 53.12 750.00 0.53

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7953E+01 EXCESS=0.0000E+00 OUTFLOW=0.7956E+01 BASIN STORAGE=0.2530E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 52.06 750.00 0.52 5.00 52.05 750.00 0.52

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7785E+01 EXCESS=0.0000E+00 OUTFLOW=0.7788E+01 BASIN STORAGE=0.2571E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT G3D MANE 5.00 50.99 750.00 0.51 5.00 50.99 750.00 0.51

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7618E+01 EXCESS=0.0000E+00 OUTFLOW=0.7622E+01 BASIN STORAGE=0.2501E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT NV1 MANE 3.09 22.95 871.21 0.30 5.00 22.95 875.00 0.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1560E+02 EXCESS=0.0000E+00 OUTFLOW=0.1560E+02 BASIN STORAGE=0.2189E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1 MANE 3.11 22.20 877.01 0.29 5.00 22.20 875.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1517E+02 EXCESS=0.0000E+00 OUTFLOW=0.1517E+02 BASIN STORAGE=0.2207E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1 MANE 3.13 21.47 876.66 0.28 5.00 21.47 875.00 0.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1474E+02 EXCESS=0.0000E+00 OUTFLOW=0.1474E+02 BASIN STORAGE=0.2225E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1	MANE	3.15	20.75	879.54	0.27	5.00	20.75	880.00	0.27
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1431E+02 EXCESS=0.0000E+00 OUTFLOW=0.1431E+02 BASIN STORAGE=0.2192E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1	MANE	3.17	20.04	882.51	0.26	5.00	20.04	880.00	0.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1389E+02 EXCESS=0.0000E+00 OUTFLOW=0.1389E+02 BASIN STORAGE=0.2204E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT NV1	MANE	3.20	19.34	882.39	0.26	5.00	19.34	885.00	0.26
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1348E+02 EXCESS=0.0000E+00 OUTFLOW=0.1348E+02 BASIN STORAGE=0.2212E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	29.33	740.00	0.33	5.00	29.33	740.00	0.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1845E+02 EXCESS=0.0000E+00 OUTFLOW=0.1845E+02 BASIN STORAGE=0.1055E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	28.83	740.00	0.32	5.00	28.83	740.00	0.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1796E+02 EXCESS=0.0000E+00 OUTFLOW=0.1797E+02 BASIN STORAGE=0.1035E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	28.32	740.00	0.31	5.00	28.32	740.00	0.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1749E+02 EXCESS=0.0000E+00 OUTFLOW=0.1749E+02 BASIN STORAGE=0.1055E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	27.83	740.00	0.30	5.00	27.83	740.00	0.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1702E+02 EXCESS=0.0000E+00 OUTFLOW=0.1702E+02 BASIN STORAGE=0.1036E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1	MANE	5.00	27.33	740.00	0.30	5.00	27.33	740.00	0.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1655E+02 EXCESS=0.0000E+00 OUTFLOW=0.1655E+02 BASIN STORAGE=0.1056E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP1 MANE 5.00 26.84 740.00 0.29 5.00 26.84 740.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1609E+02 EXCESS=0.0000E+00 OUTFLOW=0.1609E+02 BASIN STORAGE=0.1034E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 2.41 47.84 740.72 0.36 5.00 47.71 740.00 0.36

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2091E+02 EXCESS=0.0000E+00 OUTFLOW=0.2091E+02 BASIN STORAGE=0.4695E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 2.42 47.31 739.53 0.35 5.00 47.11 740.00 0.35

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2039E+02 EXCESS=0.0000E+00 OUTFLOW=0.2039E+02 BASIN STORAGE=0.4755E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 2.44 46.15 740.84 0.34 5.00 46.00 740.00 0.34

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1988E+02 EXCESS=0.0000E+00 OUTFLOW=0.1988E+02 BASIN STORAGE=0.4766E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 2.45 45.71 739.71 0.33 5.00 45.58 740.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1937E+02 EXCESS=0.0000E+00 OUTFLOW=0.1937E+02 BASIN STORAGE=0.4695E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 2.46 44.40 741.10 0.32 5.00 44.30 740.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1886E+02 EXCESS=0.0000E+00 OUTFLOW=0.1886E+02 BASIN STORAGE=0.4713E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3E MANE 2.47 44.17 740.02 0.31 5.00 44.15 740.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1836E+02 EXCESS=0.0000E+00 OUTFLOW=0.1836E+02 BASIN STORAGE=0.4744E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 49.18 755.00 0.36 5.00 49.18 755.00 0.36

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2091E+02 EXCESS=0.0000E+00 OUTFLOW=0.2092E+02 BASIN STORAGE=0.3553E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 48.38 755.00 0.35 5.00 48.38 755.00 0.35

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2039E+02 EXCESS=0.0000E+00 OUTFLOW=0.2039E+02 BASIN STORAGE=0.3690E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 47.15 755.00 0.34 5.00 47.15 755.00 0.34

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1988E+02 EXCESS=0.0000E+00 OUTFLOW=0.1988E+02 BASIN STORAGE=0.3555E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 46.41 755.00 0.33 5.00 46.41 755.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1937E+02 EXCESS=0.0000E+00 OUTFLOW=0.1937E+02 BASIN STORAGE=0.3693E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 45.08 755.00 0.32 5.00 45.08 755.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1886E+02 EXCESS=0.0000E+00 OUTFLOW=0.1886E+02 BASIN STORAGE=0.3601E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT G3F MANE 5.00 44.48 755.00 0.31 5.00 44.48 755.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1836E+02 EXCESS=0.0000E+00 OUTFLOW=0.1837E+02 BASIN STORAGE=0.3690E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2 MANE 5.00 8.53 785.00 0.52 5.00 8.53 785.00 0.52

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3056E+01 EXCESS=0.0000E+00 OUTFLOW=0.3056E+01 BASIN STORAGE=0.9886E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2 MANE 5.00 8.31 785.00 0.51 5.00 8.31 785.00 0.51

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2991E+01 EXCESS=0.0000E+00 OUTFLOW=0.2991E+01 BASIN STORAGE=0.9770E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2 MANE 5.00 8.10 785.00 0.50 5.00 8.10 785.00 0.50

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2926E+01 EXCESS=0.0000E+00 OUTFLOW=0.2926E+01 BASIN STORAGE=0.9653E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2 MANE 5.00 7.89 790.00 0.49 5.00 7.89 790.00 0.49

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2862E+01 EXCESS=0.0000E+00 OUTFLOW=0.2862E+01 BASIN STORAGE=0.9504E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2 MANE 5.00 7.68 790.00 0.48 5.00 7.68 790.00 0.48

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2798E+01 EXCESS=0.0000E+00 OUTFLOW=0.2798E+01 BASIN STORAGE=0.9351E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT TP2	MANE	5.00	7.48	790.00	0.47	5.00	7.48	790.00	0.47
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2734E+01 EXCESS=0.0000E+00 OUTFLOW=0.2734E+01 BASIN STORAGE=0.9191E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1	MANE	5.00	154.86	755.00	0.58	5.00	154.86	755.00	0.58
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2786E+02 EXCESS=0.0000E+00 OUTFLOW=0.2787E+02 BASIN STORAGE=0.3363E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1	MANE	5.00	151.47	755.00	0.57	5.00	151.47	755.00	0.57
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2730E+02 EXCESS=0.0000E+00 OUTFLOW=0.2731E+02 BASIN STORAGE=0.3290E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1	MANE	5.00	148.10	755.00	0.56	5.00	148.10	755.00	0.56
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2675E+02 EXCESS=0.0000E+00 OUTFLOW=0.2676E+02 BASIN STORAGE=0.3234E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1	MANE	5.00	144.73	755.00	0.55	5.00	144.73	755.00	0.55
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2620E+02 EXCESS=0.0000E+00 OUTFLOW=0.2621E+02 BASIN STORAGE=0.3141E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1	MANE	5.00	141.39	755.00	0.53	5.00	141.39	755.00	0.53
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2565E+02 EXCESS=0.0000E+00 OUTFLOW=0.2566E+02 BASIN STORAGE=0.3074E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV1	MANE	5.00	138.06	755.00	0.52	5.00	138.06	755.00	0.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2511E+02 EXCESS=0.0000E+00 OUTFLOW=0.2512E+02 BASIN STORAGE=0.3394E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2	MANE	5.00	185.47	765.00	0.34	5.00	185.47	765.00	0.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7365E+02 EXCESS=0.0000E+00 OUTFLOW=0.7366E+02 BASIN STORAGE=0.3006E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2 MANE 5.00 180.95 765.00 0.33 5.00 180.95 765.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7185E+02 EXCESS=0.0000E+00 OUTFLOW=0.7187E+02 BASIN STORAGE=0.2968E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2 MANE 5.00 176.49 765.00 0.33 5.00 176.49 765.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7007E+02 EXCESS=0.0000E+00 OUTFLOW=0.7008E+02 BASIN STORAGE=0.2929E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2 MANE 5.00 172.07 765.00 0.32 5.00 172.07 765.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6830E+02 EXCESS=0.0000E+00 OUTFLOW=0.6832E+02 BASIN STORAGE=0.2890E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2 MANE 5.00 167.69 765.00 0.31 5.00 167.69 765.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6655E+02 EXCESS=0.0000E+00 OUTFLOW=0.6657E+02 BASIN STORAGE=0.2851E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT GV2 MANE 5.00 164.94 765.00 0.30 5.00 164.94 765.00 0.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6482E+02 EXCESS=0.0000E+00 OUTFLOW=0.6483E+02 BASIN STORAGE=0.2929E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 375.98 770.00 0.33 5.00 375.98 770.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1613E+03 EXCESS=0.0000E+00 OUTFLOW=0.1613E+03 BASIN STORAGE=0.3191E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 367.62 770.00 0.32 5.00 367.62 770.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1572E+03 EXCESS=0.0000E+00 OUTFLOW=0.1572E+03 BASIN STORAGE=0.3304E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 358.48 770.00 0.32 5.00 358.48 770.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1532E+03 EXCESS=0.0000E+00 OUTFLOW=0.1532E+03 BASIN STORAGE=0.3192E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2 MANE 5.00 350.31 770.00 0.31 5.00 350.31 770.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1491E+03 EXCESS=0.0000E+00 OUTFLOW=0.1491E+03 BASIN STORAGE=0.3305E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2	MANE	5.00	340.80	770.00	0.30	5.00	340.80	770.00	0.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1451E+03 EXCESS=0.0000E+00 OUTFLOW=0.1452E+03 BASIN STORAGE=0.3240E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LD2	MANE	5.00	332.73	770.00	0.29	5.00	332.73	770.00	0.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1412E+03 EXCESS=0.0000E+00 OUTFLOW=0.1412E+03 BASIN STORAGE=0.3301E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2	MANE	5.00	387.90	775.00	0.33	5.00	387.90	775.00	0.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1650E+03 EXCESS=0.0000E+00 OUTFLOW=0.1650E+03 BASIN STORAGE=0.5104E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2	MANE	5.00	378.56	775.00	0.32	5.00	378.56	775.00	0.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1607E+03 EXCESS=0.0000E+00 OUTFLOW=0.1608E+03 BASIN STORAGE=0.5098E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2	MANE	5.00	367.93	775.00	0.32	5.00	367.93	775.00	0.32
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1566E+03 EXCESS=0.0000E+00 OUTFLOW=0.1566E+03 BASIN STORAGE=0.5305E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2	MANE	5.00	358.75	775.00	0.31	5.00	358.75	775.00	0.31
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1525E+03 EXCESS=0.0000E+00 OUTFLOW=0.1525E+03 BASIN STORAGE=0.5099E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2	MANE	5.00	348.01	775.00	0.30	5.00	348.01	775.00	0.30
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1484E+03 EXCESS=0.0000E+00 OUTFLOW=0.1484E+03 BASIN STORAGE=0.5016E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL2	MANE	5.00	338.47	775.00	0.29	5.00	338.47	775.00	0.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1444E+03 EXCESS=0.0000E+00 OUTFLOW=0.1444E+03 BASIN STORAGE=0.5093E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3 MANE 5.00 362.02 790.00 0.33 5.00 362.02 790.00 0.33

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1639E+03 EXCESS=0.0000E+00 OUTFLOW=0.1639E+03 BASIN STORAGE=0.1442E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3 MANE 5.00 353.13 790.00 0.32 5.00 353.13 790.00 0.32

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1598E+03 EXCESS=0.0000E+00 OUTFLOW=0.1599E+03 BASIN STORAGE=0.1393E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3 MANE 5.00 344.17 790.00 0.31 5.00 344.17 790.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1559E+03 EXCESS=0.0000E+00 OUTFLOW=0.1559E+03 BASIN STORAGE=0.1470E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3 MANE 5.00 335.77 790.00 0.31 5.00 335.77 790.00 0.31

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1519E+03 EXCESS=0.0000E+00 OUTFLOW=0.1520E+03 BASIN STORAGE=0.1393E-01 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL3 MANE 5.00 324.52 785.00 0.30 5.00 324.52 785.00 0.30

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1480E+03 EXCESS=0.0000E+00 OUTFLOW=0.1480E+03 BASIN STORAGE=0.1446E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT VL3 MANE 5.00 317.25 785.00 0.29 5.00 317.25 785.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1440E+03 EXCESS=0.0000E+00 OUTFLOW=0.1441E+03 BASIN STORAGE=0.1466E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT VL1 MANE 5.00 62.69 765.00 0.69 5.00 62.69 765.00 0.69

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1223E+02 EXCESS=0.0000E+00 OUTFLOW=0.1223E+02 BASIN STORAGE=0.2518E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1 MANE 5.00 61.35 765.00 0.68 5.00 61.35 765.00 0.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1199E+02 EXCESS=0.0000E+00 OUTFLOW=0.1199E+02 BASIN STORAGE=0.2494E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1 MANE 5.00 60.01 765.00 0.67 5.00 60.01 765.00 0.67

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1176E+02 EXCESS=0.0000E+00 OUTFLOW=0.1176E+02 BASIN STORAGE=0.2469E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	58.68	765.00	0.65	5.00	58.68	765.00	0.65
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1152E+02 EXCESS=0.0000E+00 OUTFLOW=0.1152E+02 BASIN STORAGE=0.2373E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	57.36	765.00	0.64	5.00	57.36	765.00	0.64
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1129E+02 EXCESS=0.0000E+00 OUTFLOW=0.1129E+02 BASIN STORAGE=0.2349E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VL1	MANE	5.00	56.04	765.00	0.63	5.00	56.04	765.00	0.63
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1106E+02 EXCESS=0.0000E+00 OUTFLOW=0.1106E+02 BASIN STORAGE=0.2325E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	127.00	775.00	0.80	5.00	127.00	775.00	0.80
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2654E+02 EXCESS=0.0000E+00 OUTFLOW=0.2654E+02 BASIN STORAGE=0.8817E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	124.46	775.00	0.79	5.00	124.46	775.00	0.79
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2606E+02 EXCESS=0.0000E+00 OUTFLOW=0.2606E+02 BASIN STORAGE=0.8756E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	121.99	780.00	0.77	5.00	121.99	780.00	0.77
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2559E+02 EXCESS=0.0000E+00 OUTFLOW=0.2559E+02 BASIN STORAGE=0.8694E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	119.64	780.00	0.76	5.00	119.64	780.00	0.76
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2511E+02 EXCESS=0.0000E+00 OUTFLOW=0.2512E+02 BASIN STORAGE=0.8591E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT VD1	MANE	5.00	117.29	780.00	0.75	5.00	117.29	780.00	0.75
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2464E+02 EXCESS=0.0000E+00 OUTFLOW=0.2465E+02 BASIN STORAGE=0.8529E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT VD1 MANE 5.00 114.94 780.00 0.73 5.00 114.94 780.00 0.73

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2417E+02 EXCESS=0.0000E+00 OUTFLOW=0.2418E+02 BASIN STORAGE=0.8466E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 211.13 805.00 0.62 5.00 211.13 805.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.6118E+02 EXCESS=0.0000E+00 OUTFLOW=0.6122E+02 BASIN STORAGE=0.8517E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 205.56 800.00 0.61 5.00 205.56 800.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5971E+02 EXCESS=0.0000E+00 OUTFLOW=0.5975E+02 BASIN STORAGE=0.7704E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 199.75 800.00 0.59 5.00 199.75 800.00 0.59

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5827E+02 EXCESS=0.0000E+00 OUTFLOW=0.5830E+02 BASIN STORAGE=0.7630E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 194.02 800.00 0.58 5.00 194.02 800.00 0.58

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5683E+02 EXCESS=0.0000E+00 OUTFLOW=0.5687E+02 BASIN STORAGE=0.7556E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 188.62 805.00 0.56 5.00 188.62 805.00 0.56

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5541E+02 EXCESS=0.0000E+00 OUTFLOW=0.5545E+02 BASIN STORAGE=0.7481E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML1 MANE 5.00 183.54 805.00 0.55 5.00 183.54 805.00 0.55

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.5402E+02 EXCESS=0.0000E+00 OUTFLOW=0.5406E+02 BASIN STORAGE=0.7406E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 1.38 344.68 802.49 0.68 5.00 344.52 805.00 0.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1053E+03 EXCESS=0.0000E+00 OUTFLOW=0.1053E+03 BASIN STORAGE=0.9176E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 1.40 336.42 802.16 0.66 5.00 336.13 805.00 0.66

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1030E+03 EXCESS=0.0000E+00 OUTFLOW=0.1030E+03 BASIN STORAGE=0.8727E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 1.41 327.91 802.24 0.65 5.00 327.73 805.00 0.65

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1007E+03 EXCESS=0.0000E+00 OUTFLOW=0.1007E+03 BASIN STORAGE=0.8467E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 1.42 319.50 802.36 0.63 5.00 319.33 805.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9846E+02 EXCESS=0.0000E+00 OUTFLOW=0.9846E+02 BASIN STORAGE=0.9276E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 1.43 311.26 805.27 0.62 5.00 311.25 805.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9623E+02 EXCESS=0.0000E+00 OUTFLOW=0.9623E+02 BASIN STORAGE=0.9071E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML3 MANE 1.45 303.40 805.04 0.61 5.00 303.40 805.00 0.61

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9402E+02 EXCESS=0.0000E+00 OUTFLOW=0.9402E+02 BASIN STORAGE=0.9287E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 5.00 344.09 810.00 0.68 5.00 344.09 810.00 0.68

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1053E+03 EXCESS=0.0000E+00 OUTFLOW=0.1053E+03 BASIN STORAGE=0.4591E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 5.00 336.05 805.00 0.66 5.00 336.05 805.00 0.66

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1030E+03 EXCESS=0.0000E+00 OUTFLOW=0.1030E+03 BASIN STORAGE=0.4377E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 5.00 327.83 805.00 0.65 5.00 327.83 805.00 0.65

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1007E+03 EXCESS=0.0000E+00 OUTFLOW=0.1007E+03 BASIN STORAGE=0.4354E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 5.00 319.69 805.00 0.63 5.00 319.69 805.00 0.63

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9847E+02 EXCESS=0.0000E+00 OUTFLOW=0.9848E+02 BASIN STORAGE=0.4311E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2 MANE 5.00 311.28 805.00 0.62 5.00 311.28 805.00 0.62

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9624E+02 EXCESS=0.0000E+00 OUTFLOW=0.9625E+02 BASIN STORAGE=0.4291E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT VD2	MANE	5.00	302.82	805.00	0.61	5.00	302.82	805.00	0.61
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9403E+02 EXCESS=0.0000E+00 OUTFLOW=0.9404E+02 BASIN STORAGE=0.4236E-02 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	767.64	825.00	0.44	5.00	767.64	825.00	0.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.3021E+03 EXCESS=0.0000E+00 OUTFLOW=0.3018E+03 BASIN STORAGE=0.9069E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	749.48	825.00	0.43	5.00	749.48	825.00	0.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2952E+03 EXCESS=0.0000E+00 OUTFLOW=0.2949E+03 BASIN STORAGE=0.9973E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	731.24	825.00	0.42	5.00	731.24	825.00	0.42
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2884E+03 EXCESS=0.0000E+00 OUTFLOW=0.2881E+03 BASIN STORAGE=0.9209E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	712.91	825.00	0.41	5.00	712.91	825.00	0.41
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2816E+03 EXCESS=0.0000E+00 OUTFLOW=0.2813E+03 BASIN STORAGE=0.9975E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	694.26	825.00	0.40	5.00	694.26	825.00	0.40
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2748E+03 EXCESS=0.0000E+00 OUTFLOW=0.2746E+03 BASIN STORAGE=0.9037E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT ML2	MANE	5.00	675.63	825.00	0.39	5.00	675.63	825.00	0.39
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.2681E+03 EXCESS=0.0000E+00 OUTFLOW=0.2678E+03 BASIN STORAGE=0.9170E-02 PERCENT ERROR= 0.1

FOR PLAN = 1 RATIO= 0.00

RT LD3	MANE	1.00	14.44	824.00	-1.00	5.00	13.32	825.00	-1.00
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FOR PLAN = 1 RATIO= 0.00

RT LD3 MANE 0.75 12.19 826.50 -1.00 5.00 10.98 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT LD3 MANE 0.75 11.07 828.00 -1.00 5.00 10.54 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT LD3 MANE 0.75 10.01 830.25 -1.00 5.00 9.54 830.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT LD3 MANE 0.75 8.77 832.50 -1.00 5.00 8.22 835.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT LD3 MANE 0.75 7.79 835.50 -1.00 5.00 6.64 840.00 -1.00

FOR PLAN = 1 RATIO= 0.00

RT PAT MANE 3.50 27.91 791.00 0.29 5.00 27.89 790.00 0.29

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.9160E+01 EXCESS=0.0000E+00 OUTFLOW=0.9162E+01 BASIN STORAGE=0.3483E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PAT MANE 3.50 26.82 791.00 0.28 5.00 26.79 790.00 0.28

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8904E+01 EXCESS=0.0000E+00 OUTFLOW=0.8906E+01 BASIN STORAGE=0.3386E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PAT MANE 3.50 25.74 791.00 0.27 5.00 25.70 790.00 0.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8651E+01 EXCESS=0.0000E+00 OUTFLOW=0.8653E+01 BASIN STORAGE=0.4105E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PAT MANE 3.50 24.68 791.00 0.27 5.00 24.62 790.00 0.27

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8401E+01 EXCESS=0.0000E+00 OUTFLOW=0.8402E+01 BASIN STORAGE=0.4006E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PAT MANE 3.50 23.62 791.00 0.26 5.00 23.56 795.00 0.26

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.8154E+01 EXCESS=0.0000E+00 OUTFLOW=0.8155E+01 BASIN STORAGE=0.3888E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT PAT MANE 3.50 22.60 794.50 0.25 5.00 22.57 795.00 0.25

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.7909E+01 EXCESS=0.0000E+00 OUTFLOW=0.7910E+01 BASIN STORAGE=0.3837E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 25.96 970.00 0.11 5.00 25.96 970.00 0.11

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1498E+02 EXCESS=0.0000E+00 OUTFLOW=0.1499E+02 BASIN STORAGE=0.5657E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 24.84 970.00 0.11 5.00 24.84 970.00 0.11

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1439E+02 EXCESS=0.0000E+00 OUTFLOW=0.1440E+02 BASIN STORAGE=0.5565E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 23.74 975.00 0.10 5.00 23.74 975.00 0.10

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1381E+02 EXCESS=0.0000E+00 OUTFLOW=0.1381E+02 BASIN STORAGE=0.6567E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 22.66 975.00 0.10 5.00 22.66 975.00 0.10

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1324E+02 EXCESS=0.0000E+00 OUTFLOW=0.1324E+02 BASIN STORAGE=0.6318E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 21.61 980.00 0.09 5.00 21.61 980.00 0.09

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1267E+02 EXCESS=0.0000E+00 OUTFLOW=0.1268E+02 BASIN STORAGE=0.6077E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV3 MANE 5.00 20.58 980.00 0.09 5.00 20.58 980.00 0.09

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1212E+02 EXCESS=0.0000E+00 OUTFLOW=0.1213E+02 BASIN STORAGE=0.5910E-02 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 94.02 920.00 0.17 5.00 94.02 920.00 0.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4780E+02 EXCESS=0.0000E+00 OUTFLOW=0.4785E+02 BASIN STORAGE=0.1126E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 90.32 925.00 0.17 5.00 90.32 925.00 0.17

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4625E+02 EXCESS=0.0000E+00 OUTFLOW=0.4631E+02 BASIN STORAGE=0.1127E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 86.72 925.00 0.16 5.00 86.72 925.00 0.16

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4472E+02 EXCESS=0.0000E+00 OUTFLOW=0.4478E+02 BASIN STORAGE=0.1076E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 83.24 935.00 0.16 5.00 83.24 935.00 0.16

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4322E+02 EXCESS=0.0000E+00 OUTFLOW=0.4326E+02 BASIN STORAGE=0.1048E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 79.87 940.00 0.15 5.00 79.87 940.00 0.15

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4173E+02 EXCESS=0.0000E+00 OUTFLOW=0.4178E+02 BASIN STORAGE=0.1385E-01 PERCENT ERROR= -0.1

FOR PLAN = 1 RATIO= 0.00

RT LV2 MANE 5.00 76.63 940.00 0.14 5.00 76.63 940.00 0.14

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.4026E+02 EXCESS=0.0000E+00 OUTFLOW=0.4031E+02 BASIN STORAGE=0.1388E-01 PERCENT ERROR= -0.2

FOR PLAN = 1 RATIO= 0.00

RT LLK MANE 3.36 85.29 756.58 0.43 5.00 85.06 760.00 0.43

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1954E+02 EXCESS=0.0000E+00 OUTFLOW=0.1954E+02 BASIN STORAGE=0.6024E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK MANE 3.39 82.41 756.55 0.42 5.00 82.36 760.00 0.42

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1906E+02 EXCESS=0.0000E+00 OUTFLOW=0.1906E+02 BASIN STORAGE=0.7456E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK MANE 3.42 79.64 756.62 0.41 5.00 79.64 760.00 0.41

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1858E+02 EXCESS=0.0000E+00 OUTFLOW=0.1858E+02 BASIN STORAGE=0.7062E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK MANE 3.46 76.98 756.80 0.40 5.00 76.87 760.00 0.40

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1810E+02 EXCESS=0.0000E+00 OUTFLOW=0.1810E+02 BASIN STORAGE=0.6408E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK MANE 3.49 74.38 757.11 0.39 5.00 74.15 760.00 0.39

CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1763E+02 EXCESS=0.0000E+00 OUTFLOW=0.1763E+02 BASIN STORAGE=0.7550E-03 PERCENT ERROR= 0.0

FOR PLAN = 1 RATIO= 0.00

RT LLK	MANE	3.50	71.95	759.50	0.38	5.00	71.80	760.00	0.38
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CONTINUITY SUMMARY (AC-FT) - INFLOW=0.1716E+02 EXCESS=0.0000E+00 OUTFLOW=0.1716E+02 BASIN STORAGE=0.6796E-03 PERCENT ERROR= 0.0

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